

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087930.D
 Acq On : 23 Sep 2025 11:47
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 24 04:50:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 04:45:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.212	168	245129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	451275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	417832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	69157	16.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	33.520%#		
35) Dibromofluoromethane	8.147	113	55145	16.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.660%#		
50) Toluene-d8	10.547	98	185268	16.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.160%#		
62) 4-Bromofluorobenzene	12.829	95	66245	16.084	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	32.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	64880	22.855	ug/l	100
3) Chloromethane	2.383	50	65904	22.673	ug/l	95
4) Vinyl Chloride	2.542	62	67280	22.688	ug/l	97
5) Bromomethane	2.977	94	41366	22.501	ug/l	98
6) Chloroethane	3.136	64	41658	21.605	ug/l	90
7) Trichlorofluoromethane	3.512	101	104725	21.690	ug/l	99
8) Diethyl Ether	3.953	74	41074	22.518	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	55225	21.641	ug/l	97
10) Methyl Iodide	4.583	142	46507	20.249	ug/l	99
11) Tert butyl alcohol	5.524	59	68350	115.030	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	56732	22.033	ug/l	83
13) Acrolein	4.177	56	72676	95.324	ug/l	98
14) Allyl chloride	5.018	41	92277	22.013	ug/l	95
15) Acrylonitrile	5.718	53	210865	113.135	ug/l	98
16) Acetone	4.424	43	204534	119.766	ug/l	99
17) Carbon Disulfide	4.706	76	182548	22.691	ug/l	100
18) Methyl Acetate	5.018	43	97764	23.015	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	219348	21.807	ug/l	97
20) Methylene Chloride	5.265	84	74638	21.725	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	68186	21.601	ug/l	89
22) Diisopropyl ether	6.659	45	211107	21.573	ug/l	97
23) Vinyl Acetate	6.588	43	923787m	112.117	ug/l	
24) 1,1-Dichloroethane	6.553	63	124326	21.746	ug/l	98
25) 2-Butanone	7.471	43	295055	113.731	ug/l	97
26) 2,2-Dichloropropane	7.477	77	115250	22.689	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	81272	21.639	ug/l	98
28) Bromochloromethane	7.794	49	65753	21.168	ug/l	100
29) Tetrahydrofuran	7.830	42	185940	111.932	ug/l	99
30) Chloroform	7.953	83	139611	22.333	ug/l	100
31) Cyclohexane	8.241	56	99972	21.611	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	117408	22.227	ug/l	97
36) 1,1-Dichloropropene	8.353	75	85120	21.605	ug/l	97
37) Ethyl Acetate	7.553	43	109187	21.105	ug/l	97
38) Carbon Tetrachloride	8.341	117	98457	21.778	ug/l	94
39) Methylcyclohexane	9.582	83	94068	21.644	ug/l	98
40) Benzene	8.588	78	283203	21.710	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087930.D
 Acq On : 23 Sep 2025 11:47
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 24 04:50:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 04:45:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	56639	21.184	ug/l	94
42) 1,2-Dichloroethane	8.653	62	109893	22.574	ug/l	100
43) Isopropyl Acetate	8.677	43	176251	21.643	ug/l	99
44) Trichloroethene	9.335	130	67433	21.641	ug/l	99
45) 1,2-Dichloropropane	9.600	63	72572	22.186	ug/l	93
46) Dibromomethane	9.688	93	59412	23.018	ug/l	93
47) Bromodichloromethane	9.871	83	111245	21.974	ug/l	95
48) Methyl methacrylate	9.665	41	80574	21.365	ug/l	97
49) 1,4-Dioxane	9.682	88	24869	446.378	ug/l #	83
51) 4-Methyl-2-Pentanone	10.424	43	561876	110.571	ug/l	99
52) Toluene	10.606	92	177153	21.641	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	111386	21.498	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	117557	21.845	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	74595	22.411	ug/l	88
56) Ethyl methacrylate	10.853	69	101192	21.040	ug/l	99
57) 1,3-Dichloropropane	11.141	76	120334	21.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	250611	110.825	ug/l	99
59) 2-Hexanone	11.176	43	363080	108.058	ug/l	99
60) Dibromochloromethane	11.341	129	85111	21.748	ug/l	97
61) 1,2-Dibromoethane	11.447	107	78541	22.290	ug/l	97
64) Tetrachloroethene	11.082	164	57619	22.638	ug/l	93
65) Chlorobenzene	11.871	112	203570	22.894	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.941	131	70713	22.053	ug/l	97
67) Ethyl Benzene	11.941	91	328980	22.173	ug/l	96
68) m/p-Xylenes	12.047	106	255651	45.053	ug/l	98
69) o-Xylene	12.376	106	120068	22.024	ug/l	98
70) Styrene	12.388	104	210587	22.491	ug/l	98
71) Bromoform	12.559	173	57576	22.132	ug/l #	100
73) Isopropylbenzene	12.676	105	309264	22.707	ug/l	98
74) N-amyl acetate	12.547	43	89886m	22.156	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	111546	22.731	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	103062m	23.643	ug/l	
77) Bromobenzene	12.959	156	80748	22.283	ug/l	97
78) n-propylbenzene	13.012	91	381954	22.431	ug/l	100
79) 2-Chlorotoluene	13.100	91	231705	22.347	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	269309	22.860	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	33450	21.443	ug/l	97
82) 4-Chlorotoluene	13.200	91	241534	23.119	ug/l	100
83) tert-Butylbenzene	13.417	119	226878	22.753	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	272614	22.561	ug/l	99
85) sec-Butylbenzene	13.594	105	328389	22.462	ug/l	97
86) p-Isopropyltoluene	13.706	119	279181	22.547	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	158040	22.349	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	165954	22.835	ug/l	99
89) n-Butylbenzene	14.035	91	263875	22.550	ug/l	98
90) Hexachloroethane	14.312	117	58428	22.590	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	156108	22.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25095	22.009	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	87148	21.654	ug/l	96
94) Hexachlorobutadiene	15.476	225	33457	22.586	ug/l	99
95) Naphthalene	15.611	128	284895	22.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	89684	22.922	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VSTDIC020

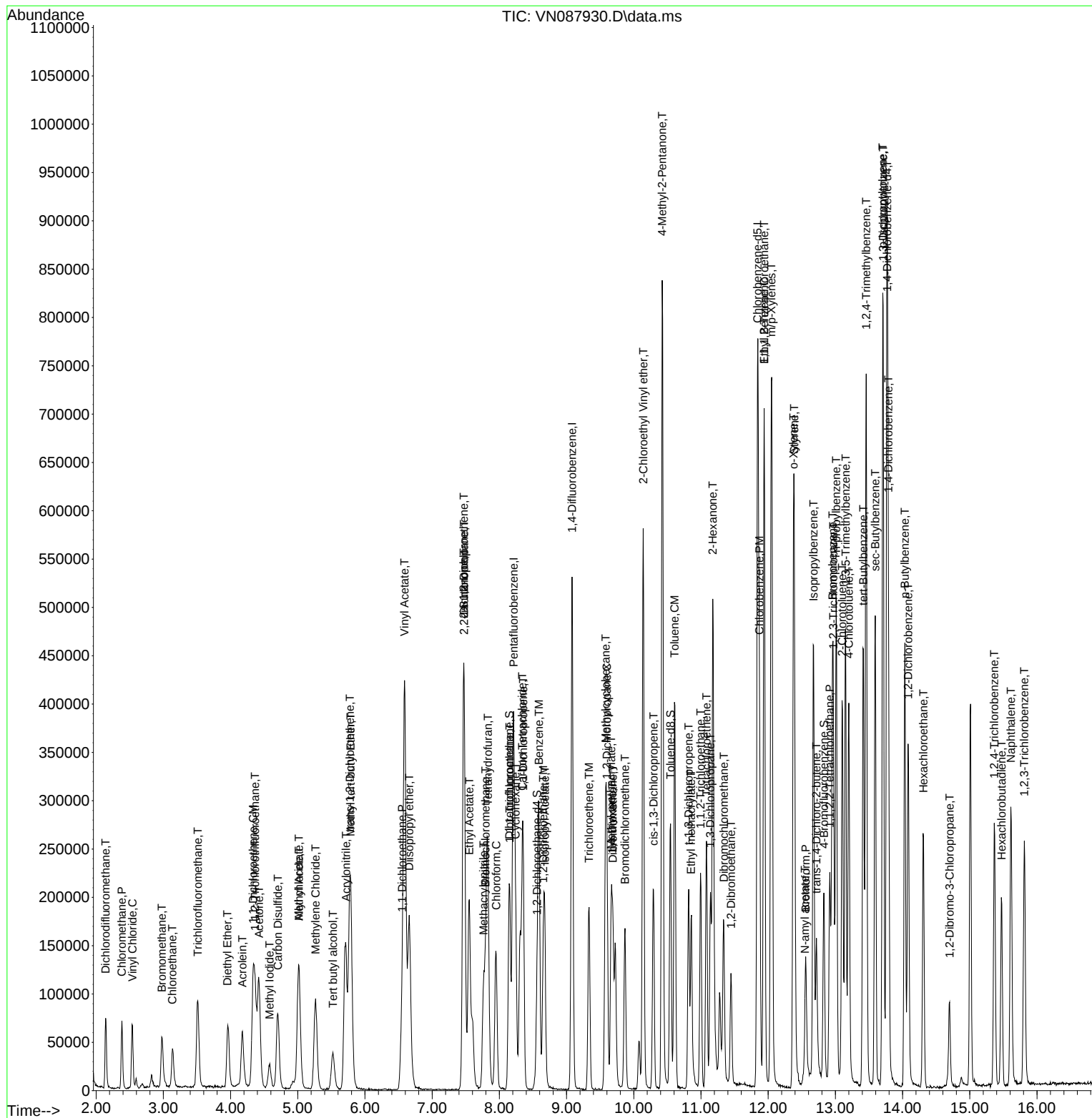
Manual Integrations

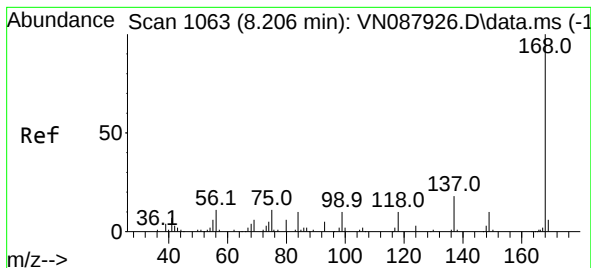
APPROVED

Reviewed By : John Carlone 09/24/2025

Supervised By : Mahesh Dadoda 09/26/2025

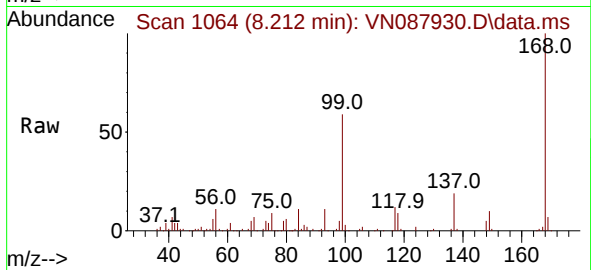
Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

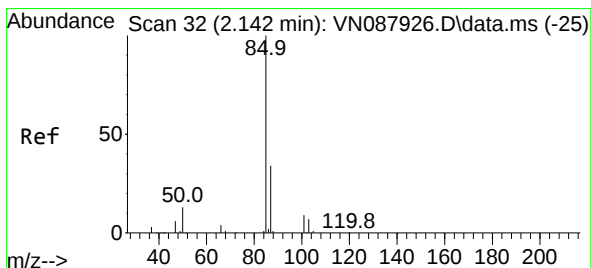
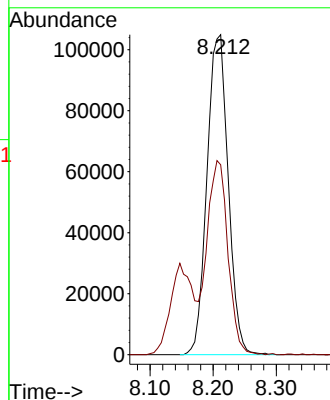
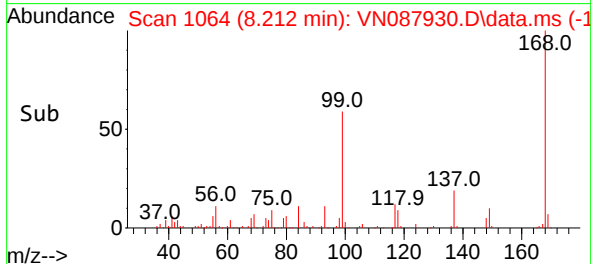
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 245129
Ion Ratio Lower Upper
168 100
99 59.3 52.2 78.2

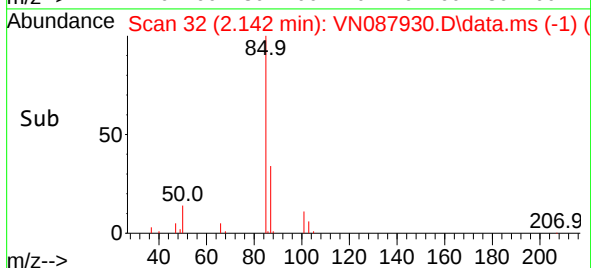
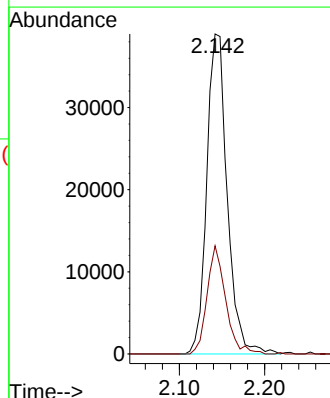
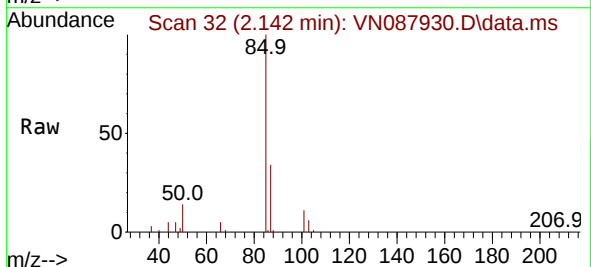
Manual Integrations
APPROVED

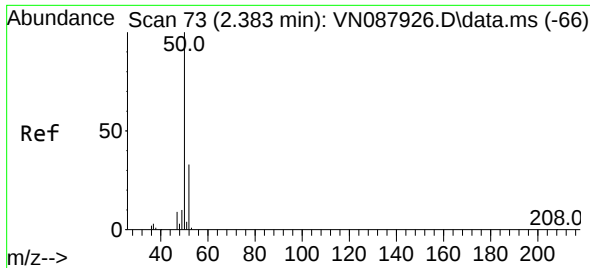
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#2
Dichlorodifluoromethane
Concen: 22.855 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion: 85 Resp: 64880
Ion Ratio Lower Upper
85 100
87 33.8 16.9 50.6





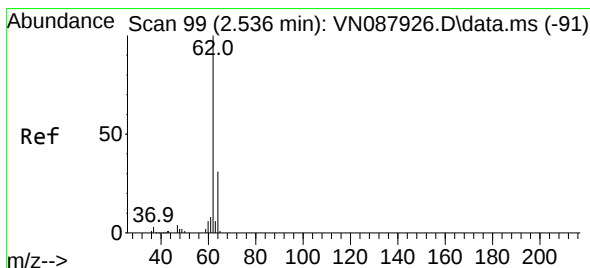
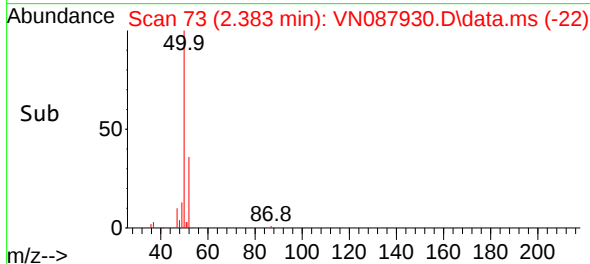
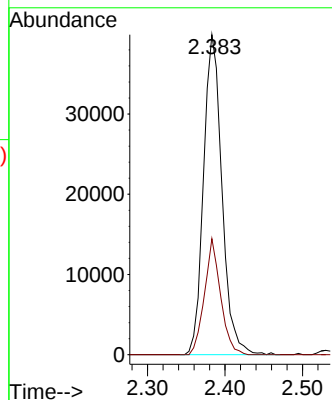
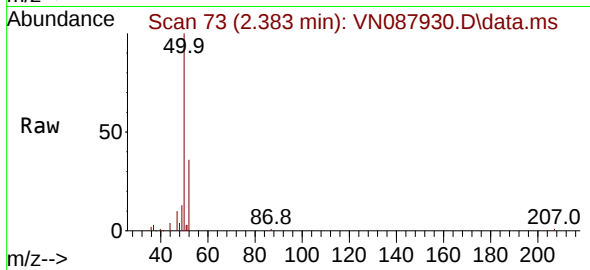
#3
Chloromethane
Concen: 22.673 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 65904
Ion Ratio Lower Upper
50 100
52 36.2 26.6 40.0

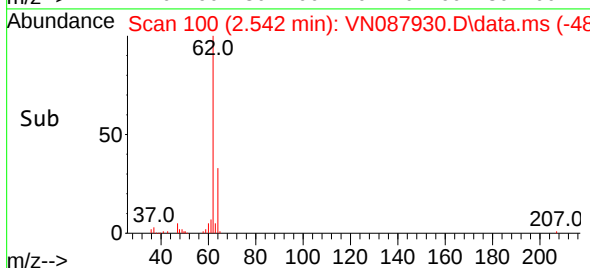
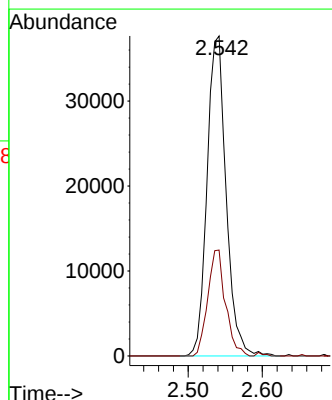
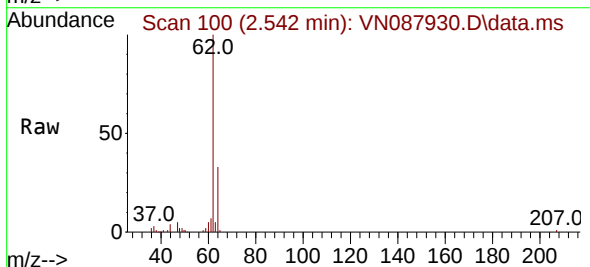
Manual Integrations
APPROVED

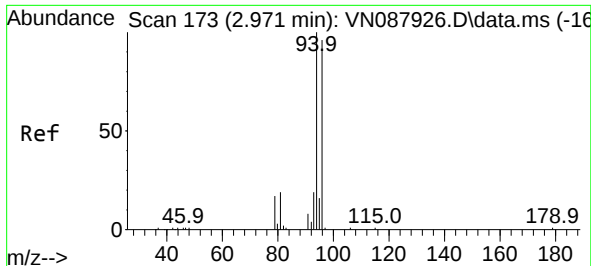
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#4
Vinyl Chloride
Concen: 22.688 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

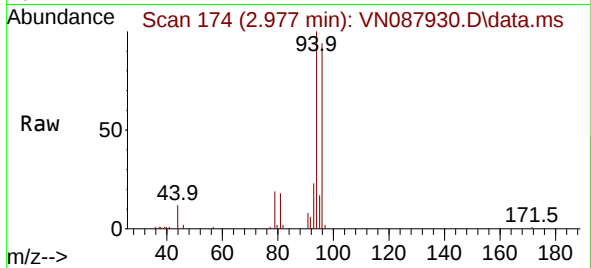
Tgt Ion: 62 Resp: 67280
Ion Ratio Lower Upper
62 100
64 33.1 25.2 37.8





#5
Bromomethane
Concen: 22.501 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

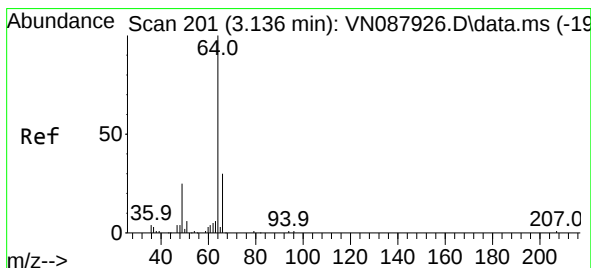
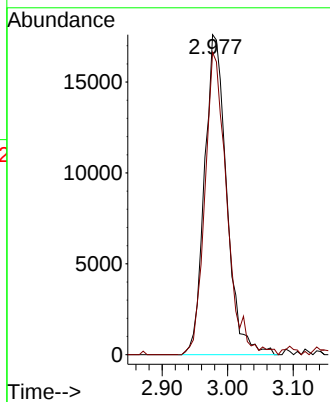
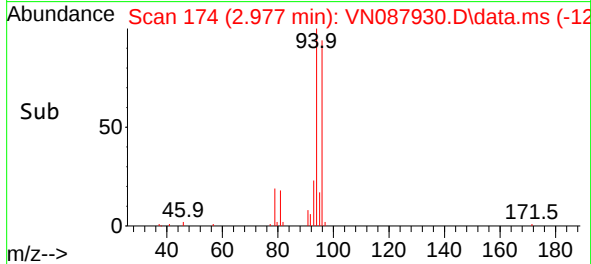
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 4136
Ion Ratio Lower Upper
94 100
96 94.5 76.8 115.2

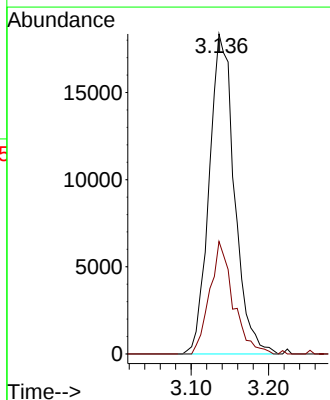
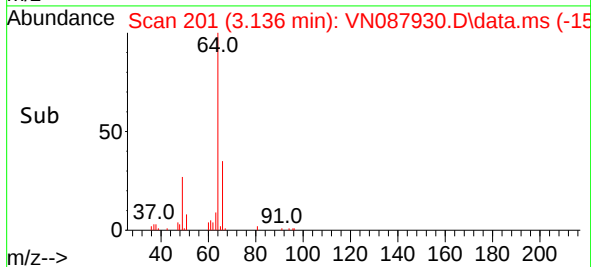
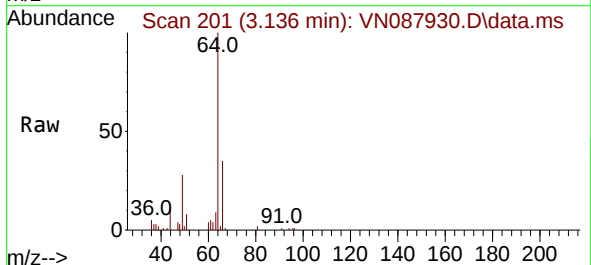
Manual Integrations
APPROVED

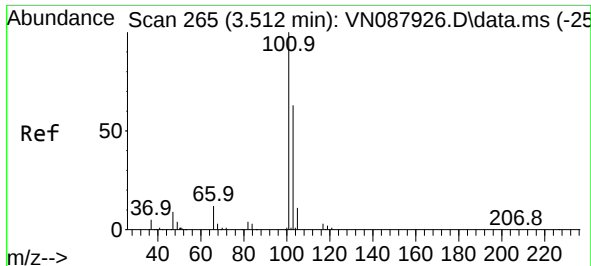
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#6
Chloroethane
Concen: 21.605 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

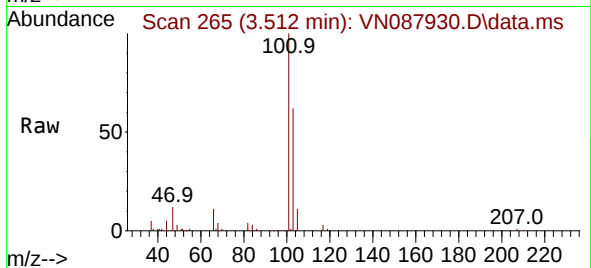
Tgt Ion: 64 Resp: 41658
Ion Ratio Lower Upper
64 100
66 35.2 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 21.690 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

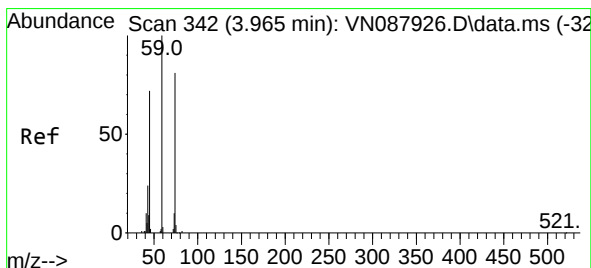
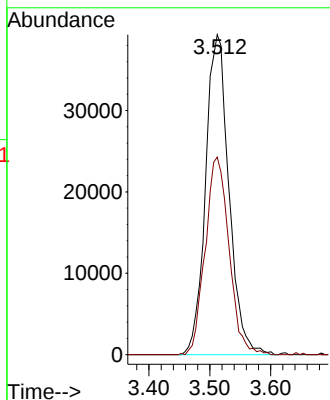
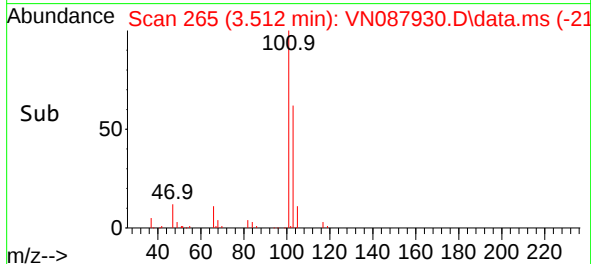
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion:101 Resp: 104725
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.2 75.4

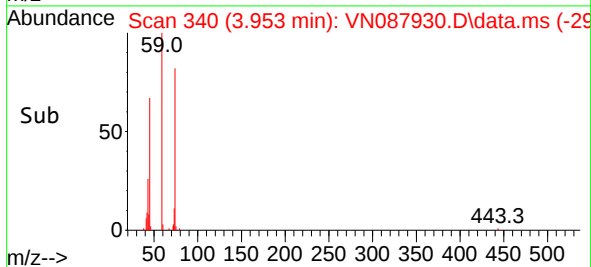
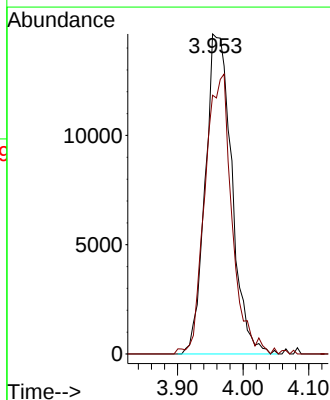
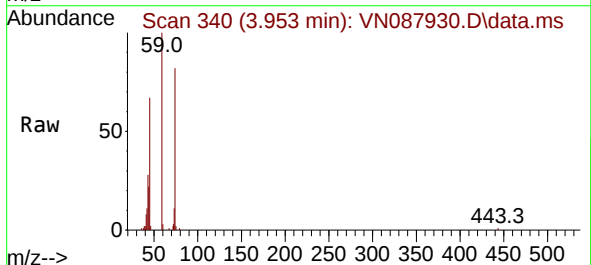
Manual Integrations
 APPROVED

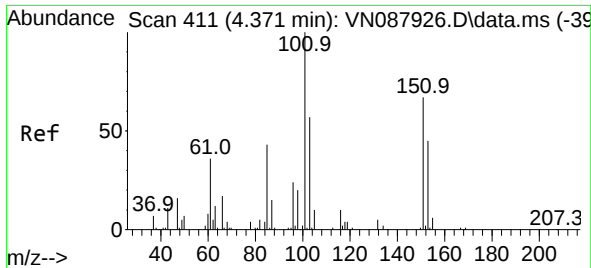
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#8
 Diethyl Ether
 Concen: 22.518 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

Tgt Ion: 74 Resp: 41074
 Ion Ratio Lower Upper
 74 100
 45 88.7 45.4 136.1





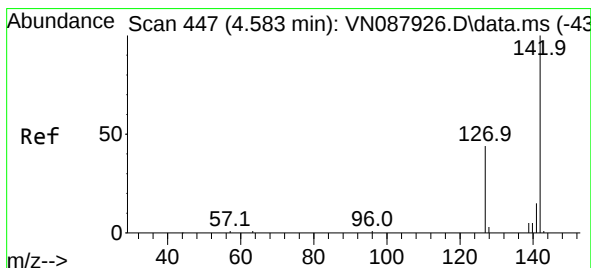
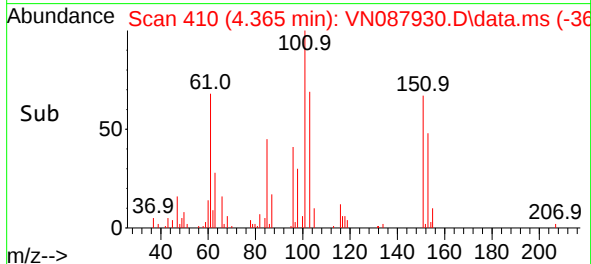
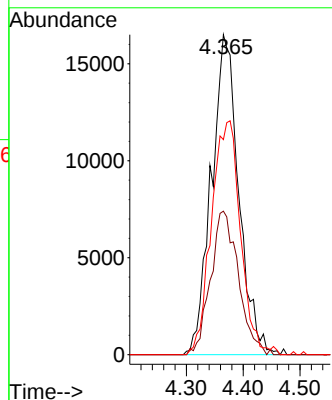
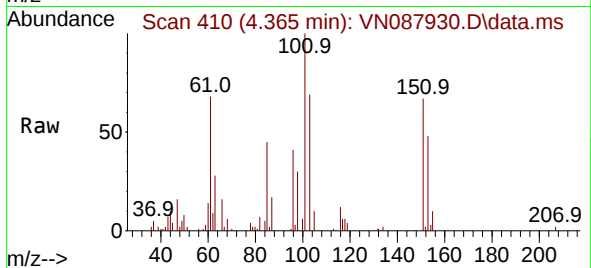
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.641 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5522
Ion Ratio Lower Upper
101 100
85 45.7 36.5 54.7
151 77.6 58.6 87.8

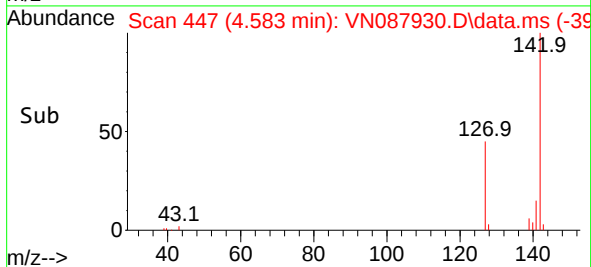
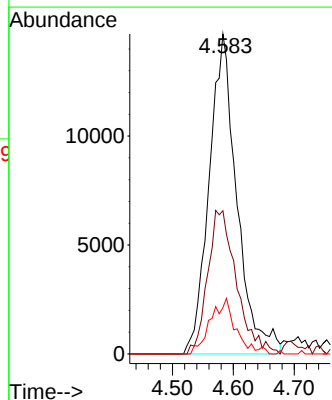
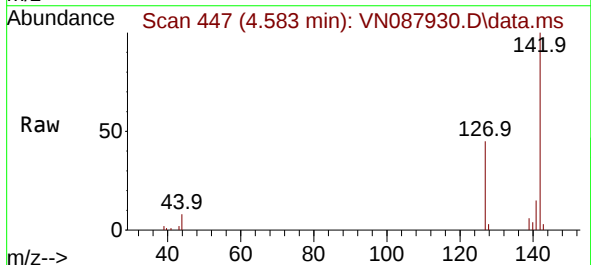
Manual Integrations
APPROVED

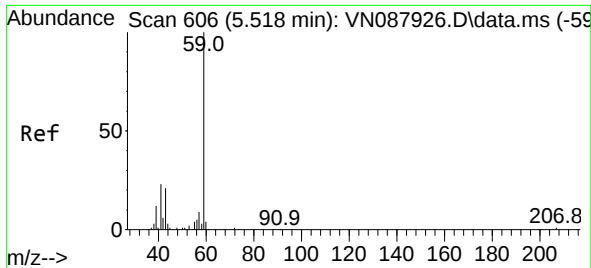
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 20.249 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

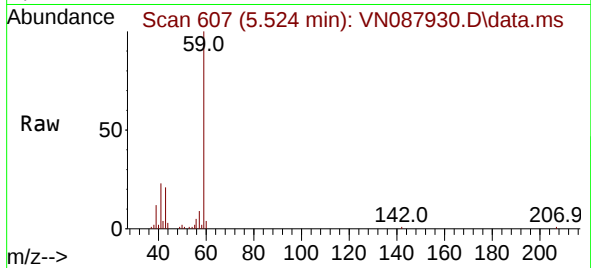
Tgt Ion:142 Resp: 46507
Ion Ratio Lower Upper
142 100
127 44.8 35.3 52.9
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 115.030 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

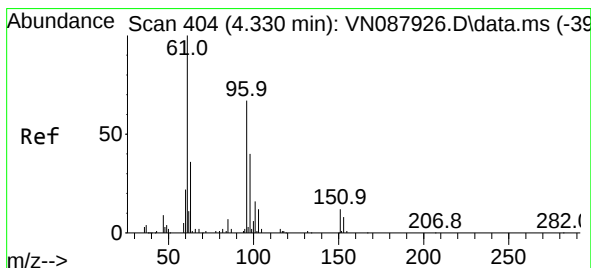
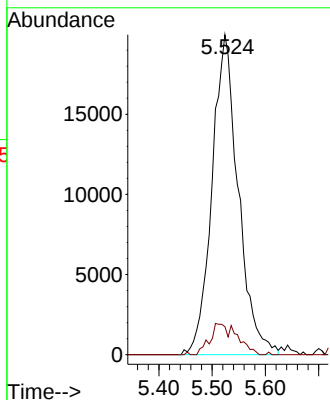
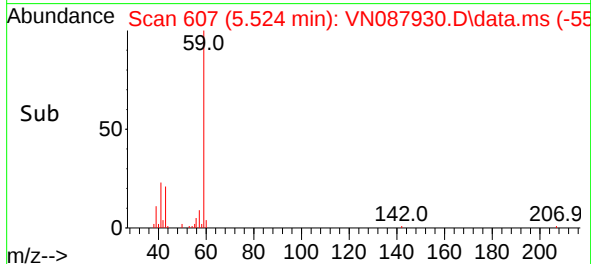
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



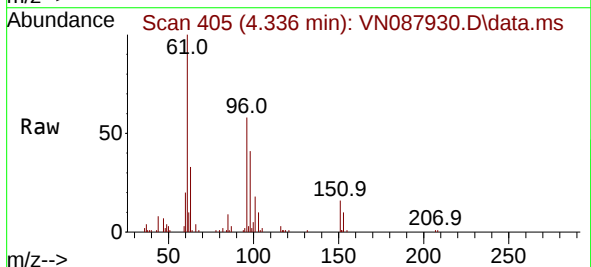
Tgt Ion: 59 Resp: 68350
Ion Ratio Lower Upper
59 100
57 6.2 8.8 13.2

Manual Integrations
APPROVED

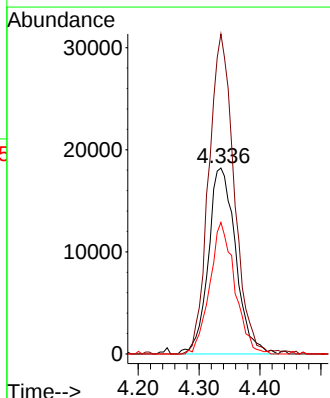
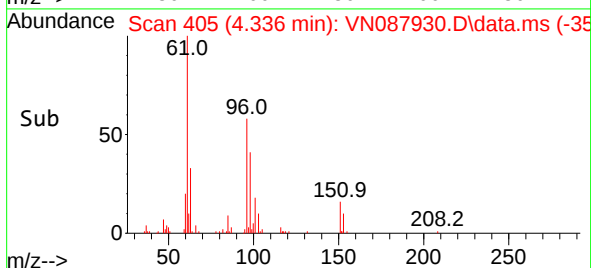
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

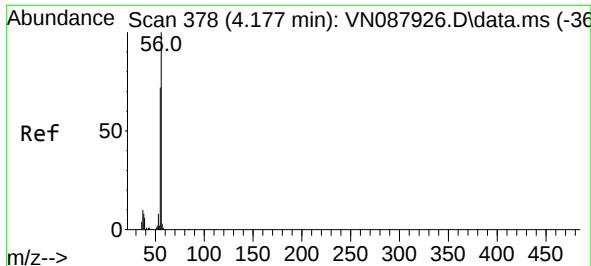


#12
1,1-Dichloroethene
Concen: 22.033 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



Tgt Ion: 96 Resp: 56732
Ion Ratio Lower Upper
96 100
61 172.1 119.2 178.8
98 70.8 47.5 71.3





#13

Acrolein

Concen: 95.324 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 72670

Ion Ratio Lower Upper

56 100

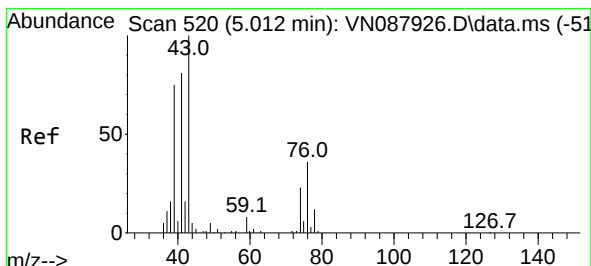
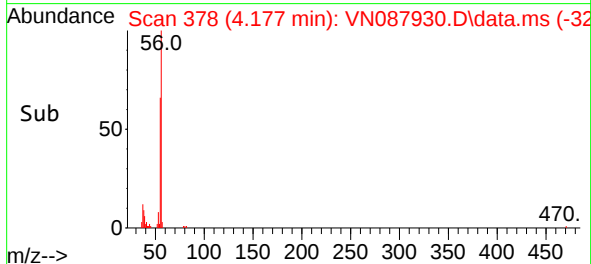
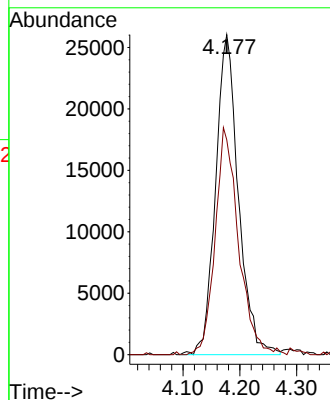
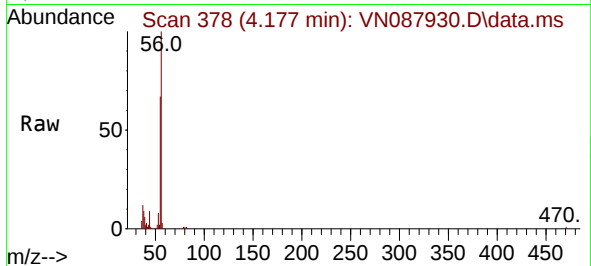
55 72.3 59.3 88.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#14

Allyl chloride

Concen: 22.013 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

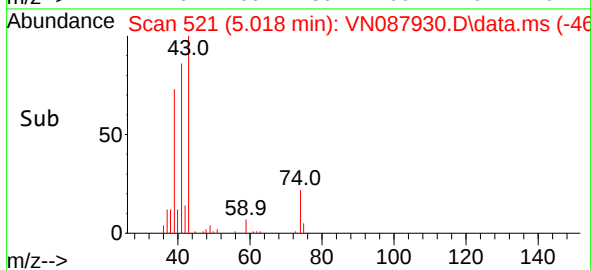
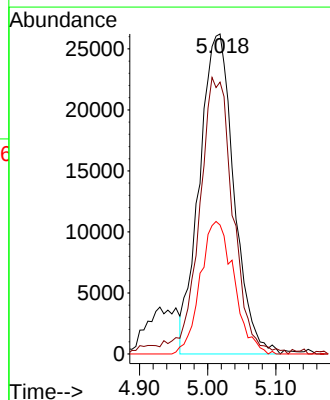
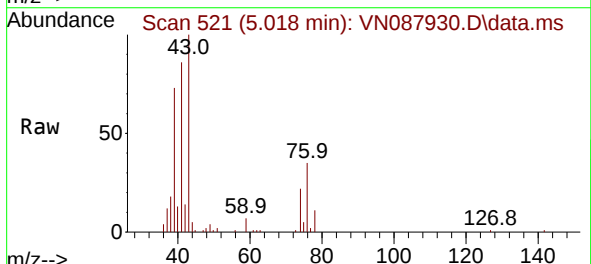
Tgt Ion: 41 Resp: 92277

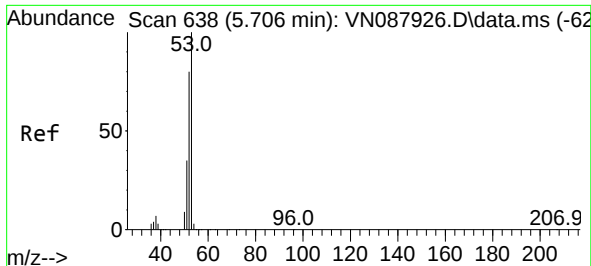
Ion Ratio Lower Upper

41 100

39 85.8 63.8 95.8

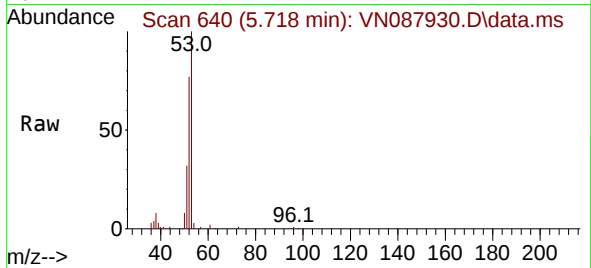
76 40.4 33.0 49.6





#15
Acrylonitrile
Concen: 113.135 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

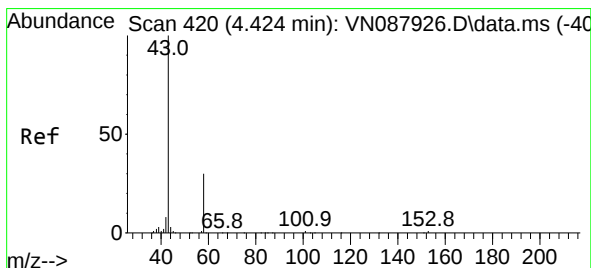
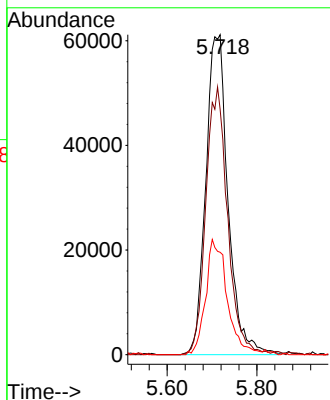
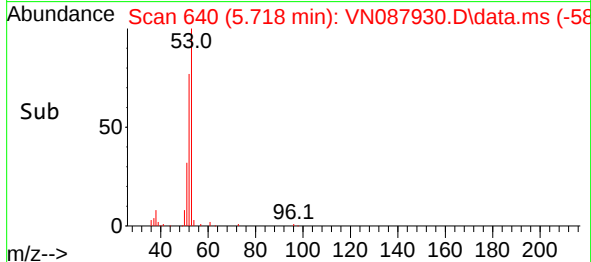
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 21086
Ion Ratio Lower Upper
53 100
52 81.7 66.6 99.8
51 34.8 29.0 43.4

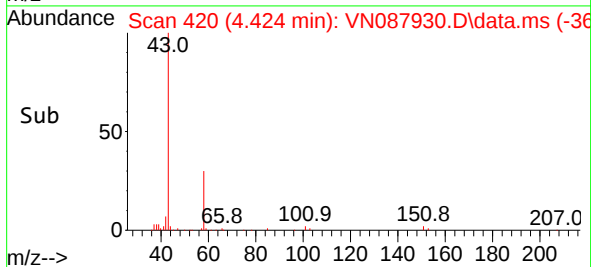
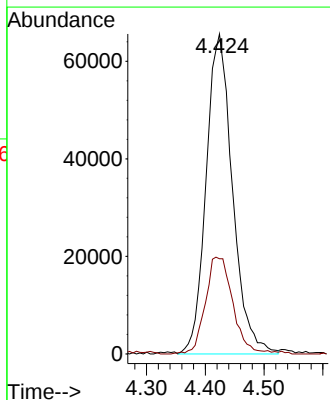
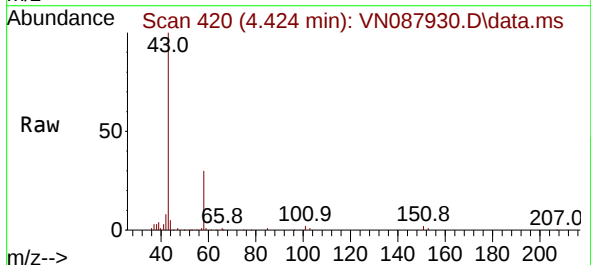
Manual Integrations
APPROVED

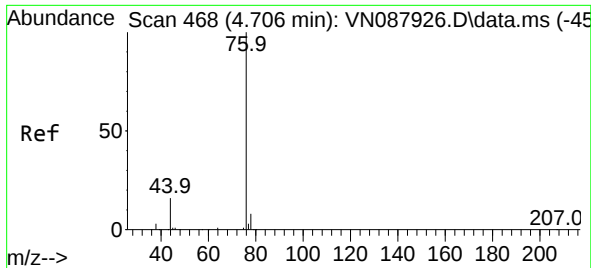
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 119.766 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

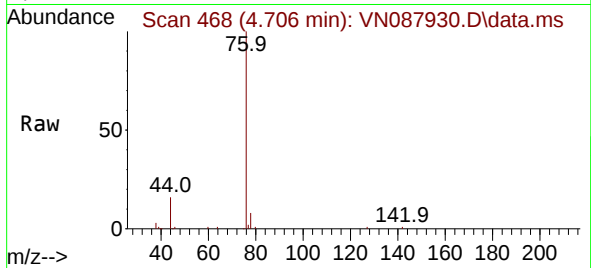
Tgt Ion: 43 Resp: 204534
Ion Ratio Lower Upper
43 100
58 29.4 24.1 36.1





#17
Carbon Disulfide
Concen: 22.691 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

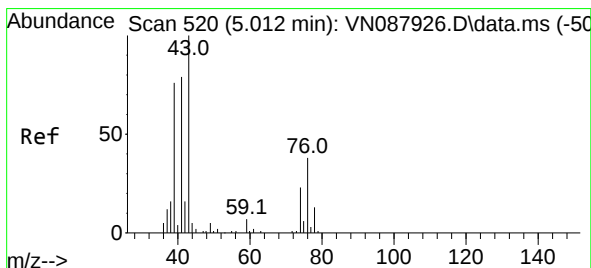
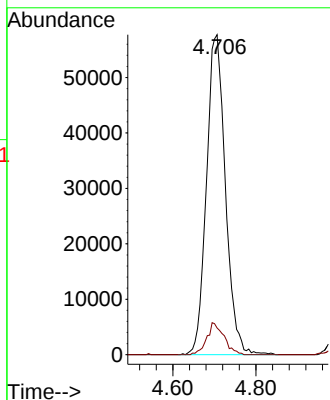
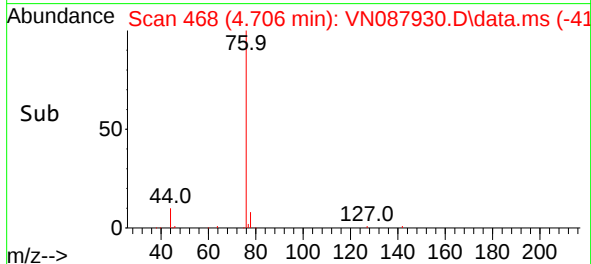
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



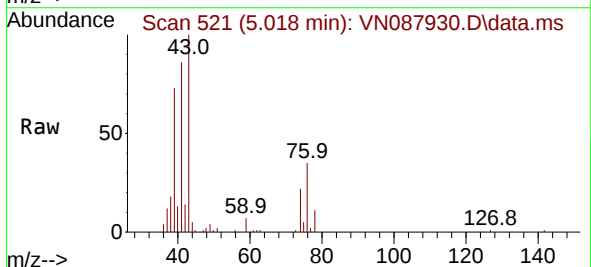
Tgt Ion: 76 Resp: 182548
Ion Ratio Lower Upper
76 100
78 8.3 6.7 10.1

Manual Integrations
APPROVED

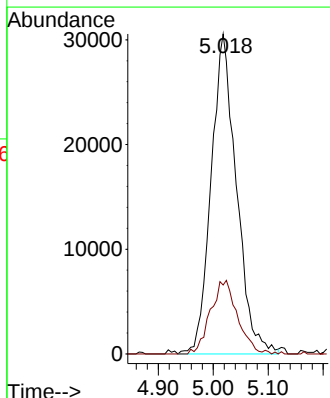
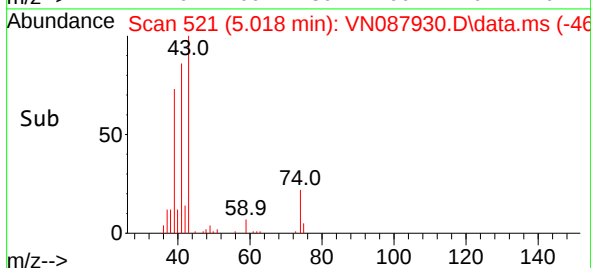
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

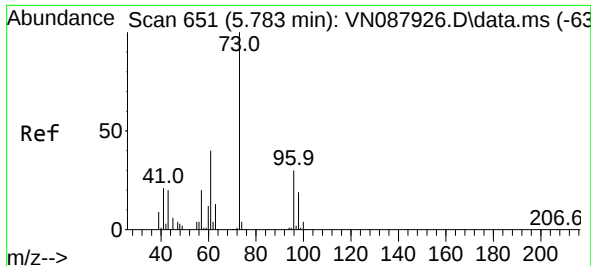


#18
Methyl Acetate
Concen: 23.015 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



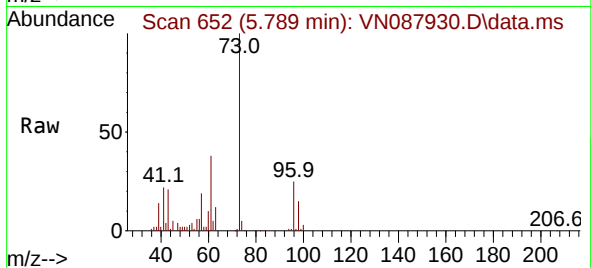
Tgt Ion: 43 Resp: 97764
Ion Ratio Lower Upper
43 100
74 24.4 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 21.807 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

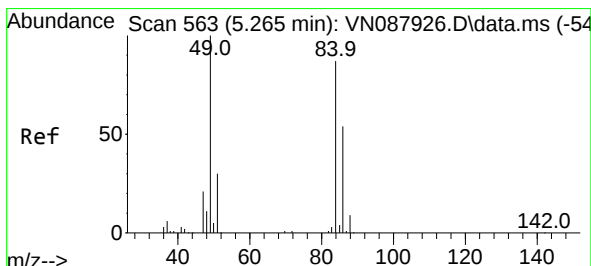
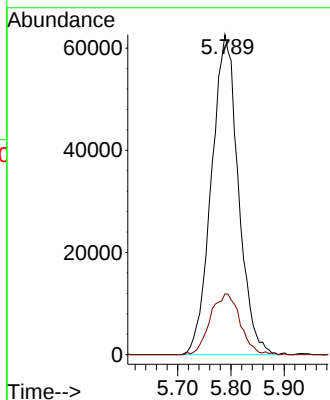
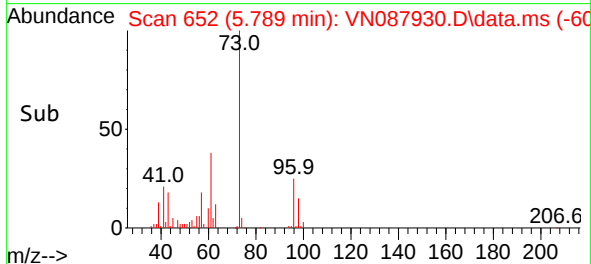
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 21934
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5

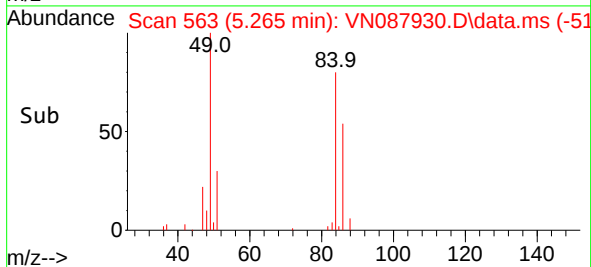
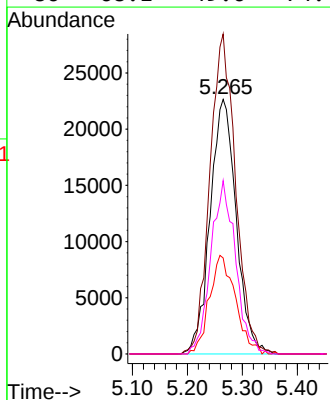
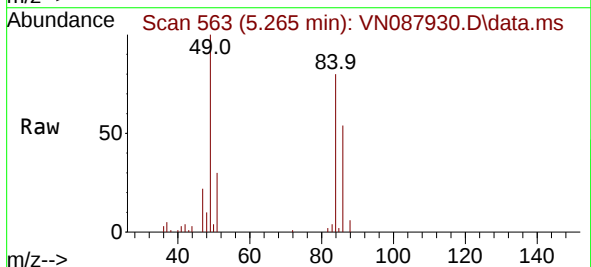
Manual Integrations
APPROVED

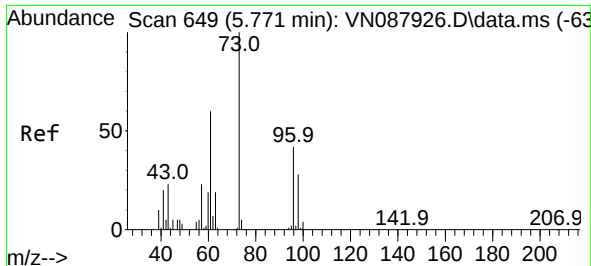
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 21.725 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

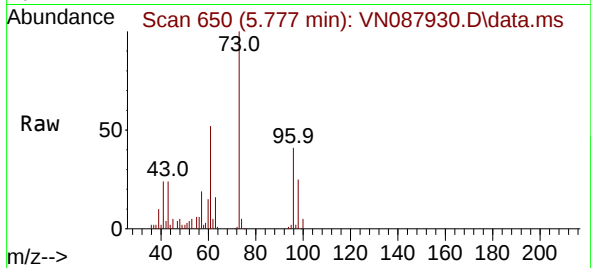
Tgt Ion: 84 Resp: 74638
Ion Ratio Lower Upper
84 100
49 125.7 92.1 138.1
51 37.7 27.7 41.5
86 68.1 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 21.601 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

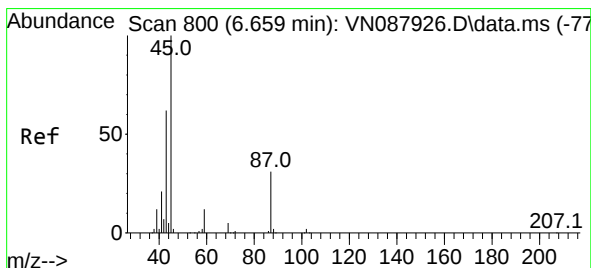
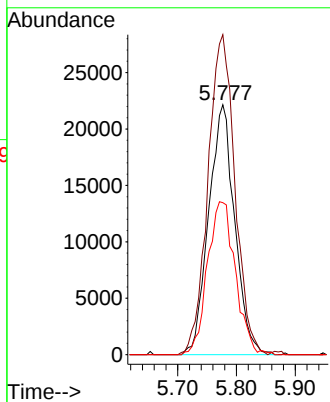
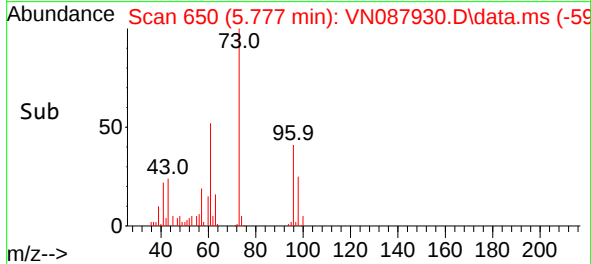
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 68180
Ion Ratio Lower Upper
96 100
61 128.1 114.4 171.6
98 60.8 53.6 80.4

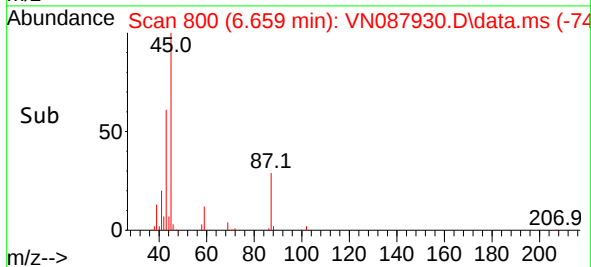
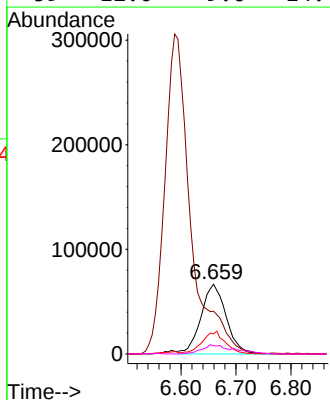
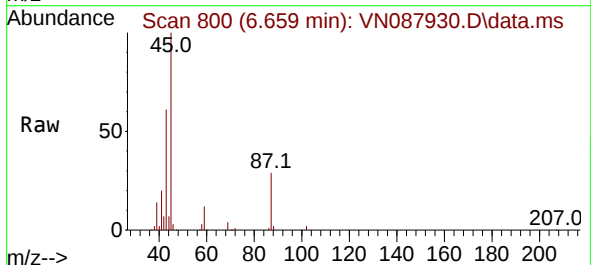
Manual Integrations
APPROVED

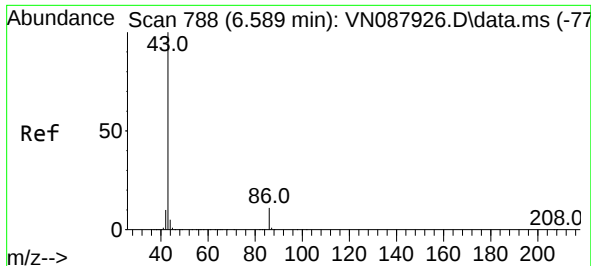
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 21.573 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

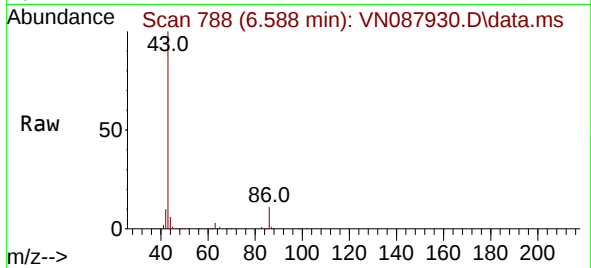
Tgt Ion: 45 Resp: 211107
Ion Ratio Lower Upper
45 100
43 60.2 49.9 74.9
87 28.9 25.2 37.8
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 112.117 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

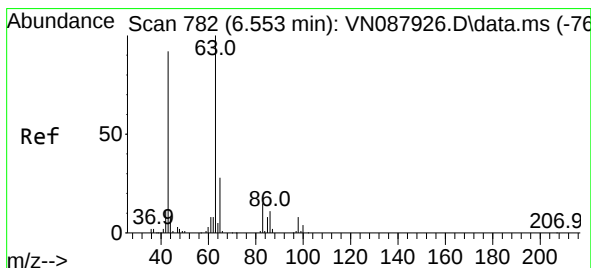
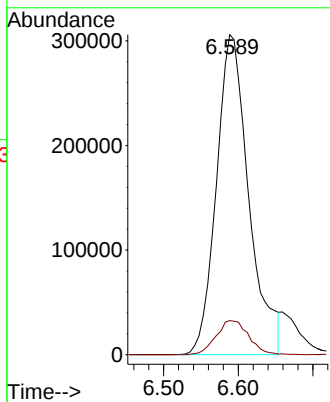
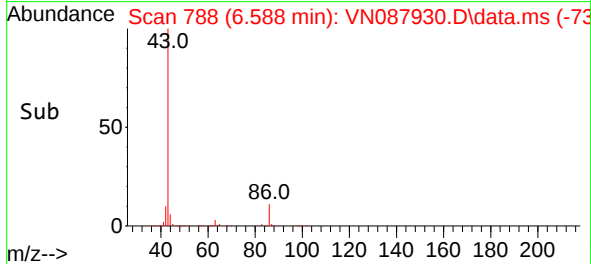
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



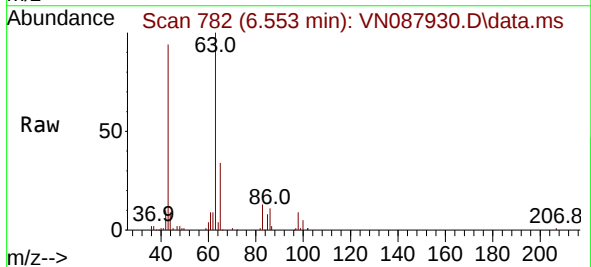
Tgt Ion: 43 Resp: 92378
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

Manual Integrations
 APPROVED

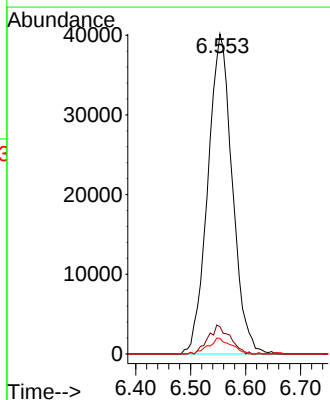
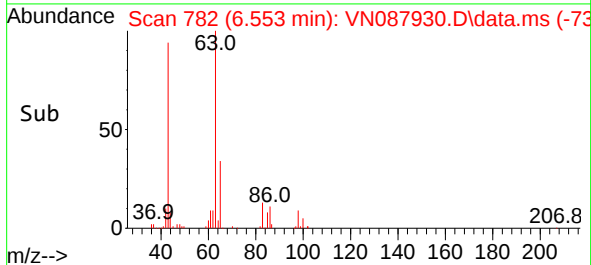
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

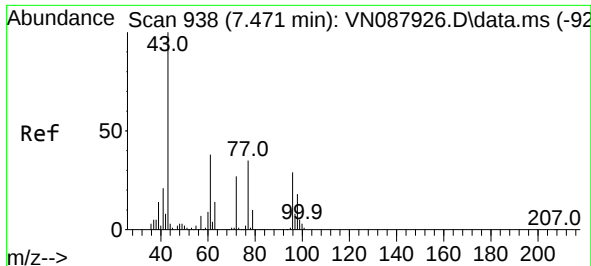


#24
 1,1-Dichloroethane
 Concen: 21.746 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47



Tgt Ion: 63 Resp: 124326
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.5
 100 4.9 2.1 6.5





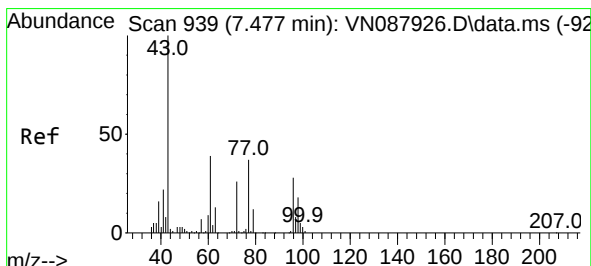
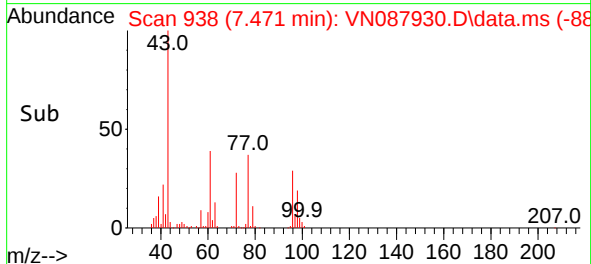
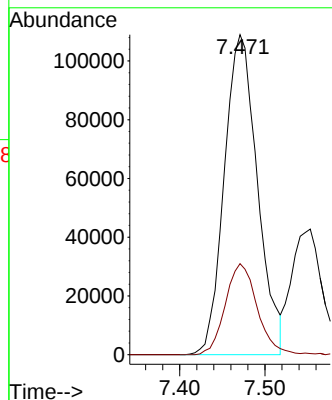
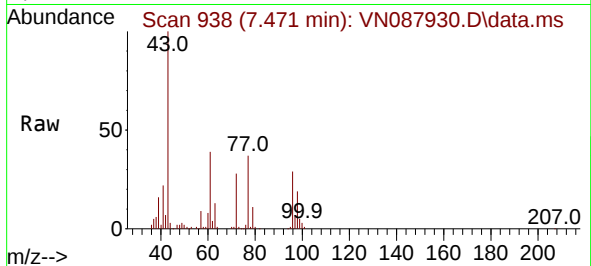
#25
2-Butanone
Concen: 113.731 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 29505
Ion Ratio Lower Upper
43 100
72 28.5 21.5 32.3

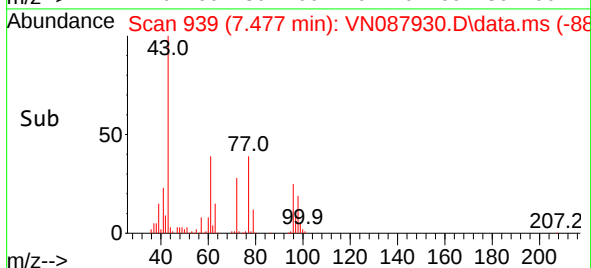
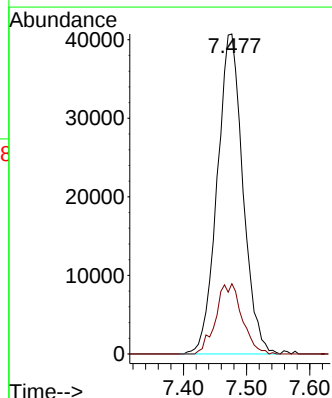
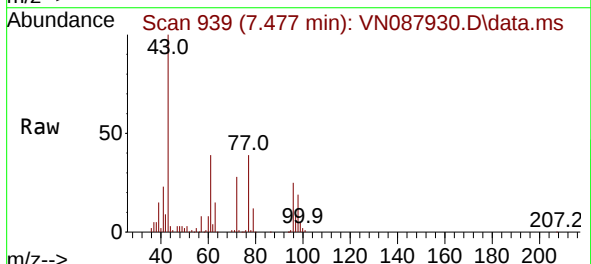
Manual Integrations
APPROVED

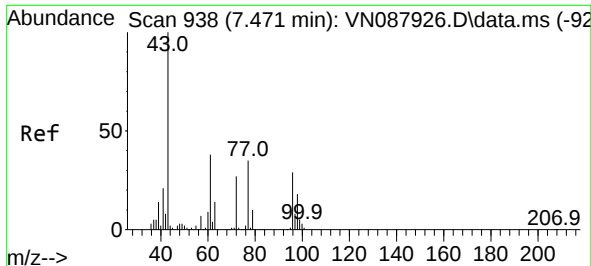
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 22.689 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion: 77 Resp: 115250
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5





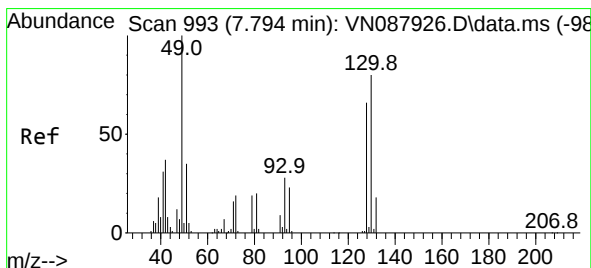
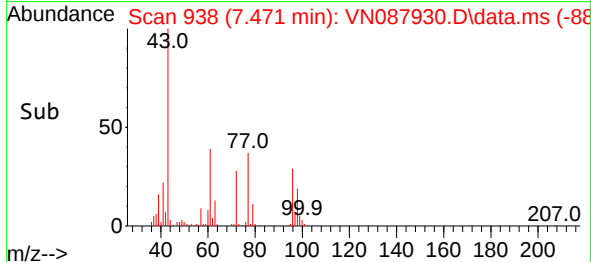
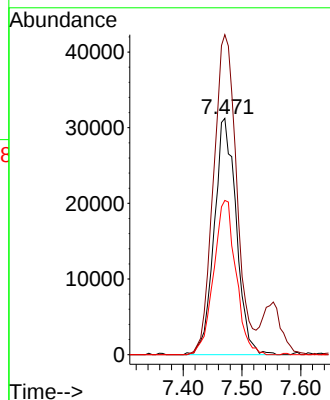
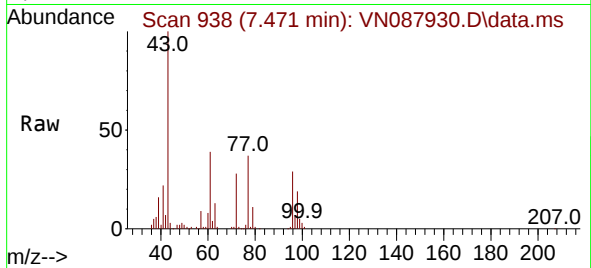
#27
 cis-1,2-Dichloroethene
 Concen: 21.639 ug/l
 RT: 7.471 min Scan# 912
 Delta R.T. -0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 81272
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 283.0
 98 66.1 0.0 127.6

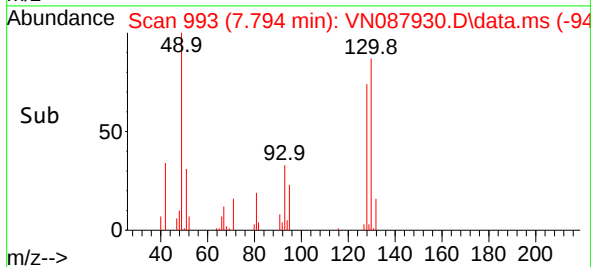
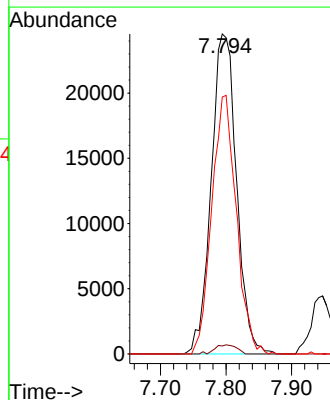
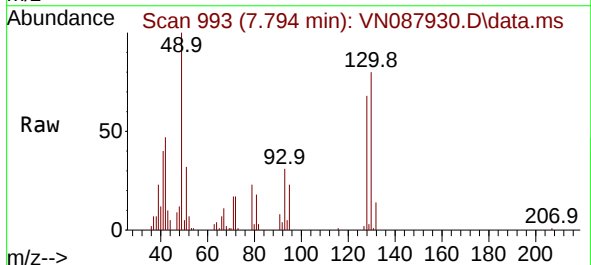
Manual Integrations
 APPROVED

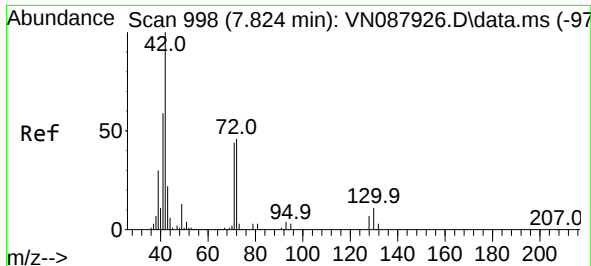
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 21.168 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

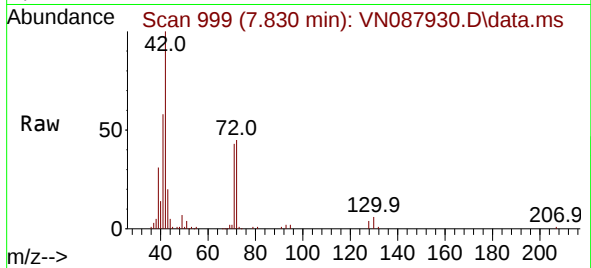
Tgt Ion: 49 Resp: 65753
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.4
 130 78.2 62.6 94.0





#29
Tetrahydrofuran
Concen: 111.932 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

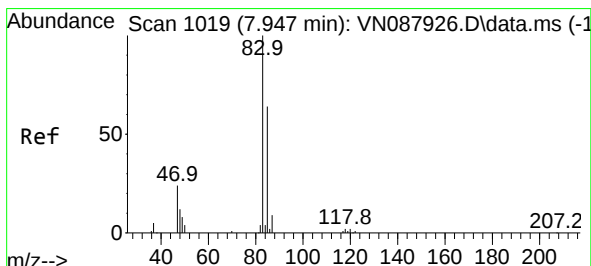
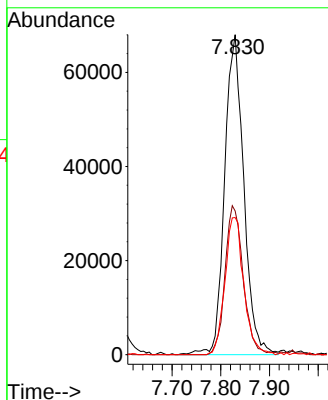
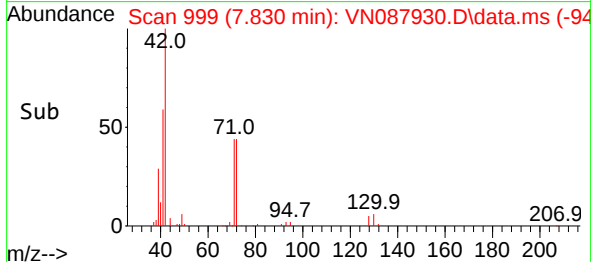
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



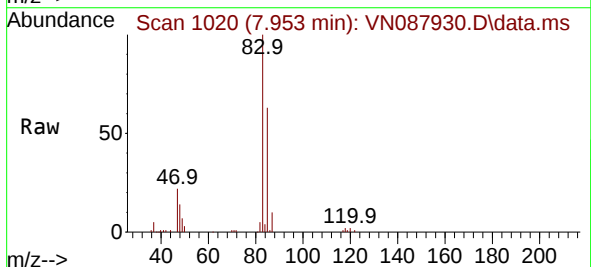
Tgt Ion: 42 Resp: 185940
Ion Ratio Lower Upper
42 100
72 44.4 36.5 54.7
71 42.2 33.8 50.8

Manual Integrations
APPROVED

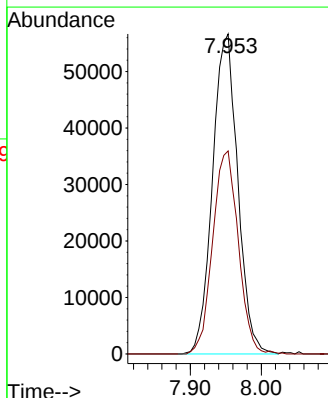
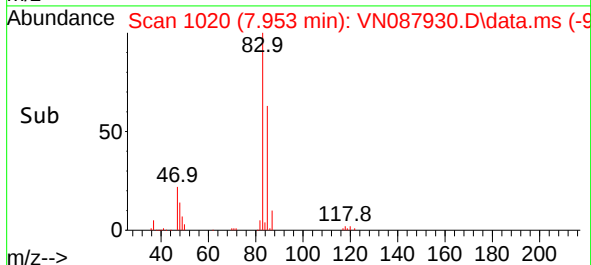
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

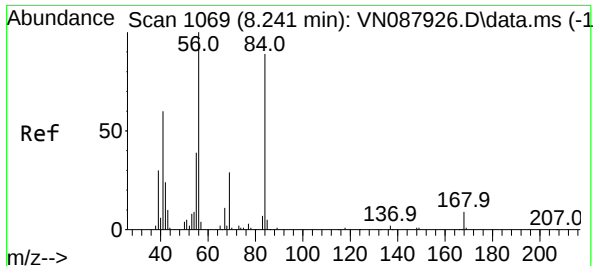


#30
Chloroform
Concen: 22.333 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



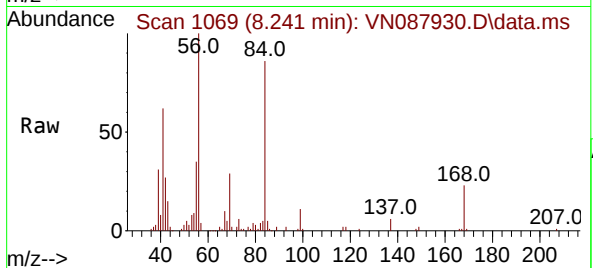
Tgt Ion: 83 Resp: 139611
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3





#31
Cyclohexane
Concen: 21.611 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

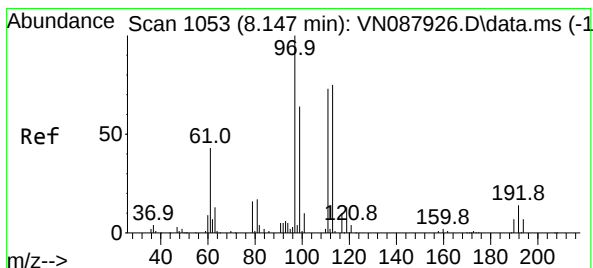
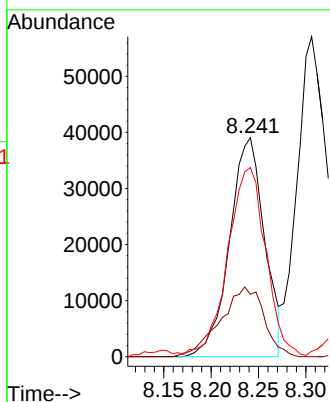
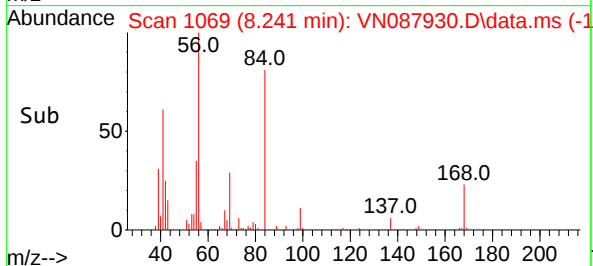
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



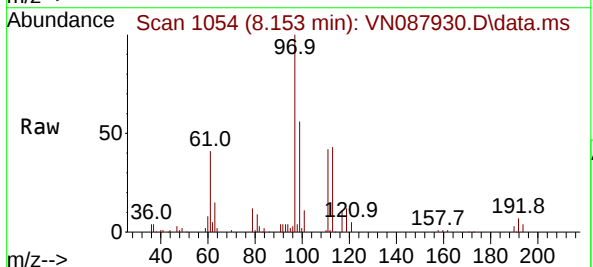
Tgt Ion: 56 Resp: 99972
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.0
84 84.5 70.8 106.2

Manual Integrations
APPROVED

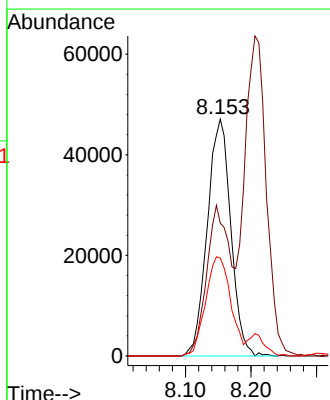
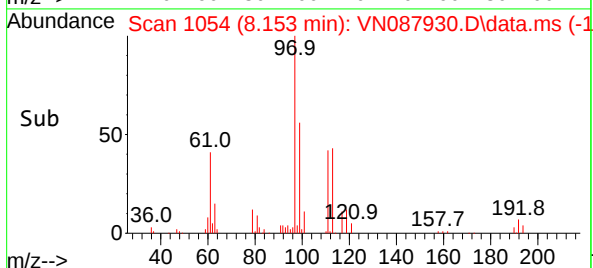
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

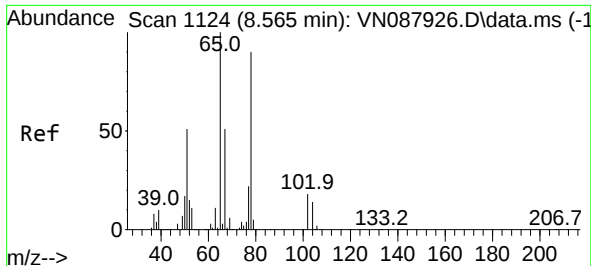


#32
1,1,1-Trichloroethane
Concen: 22.227 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



Tgt Ion: 97 Resp: 117408
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 44.6 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 16.764 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 6915

Ion Ratio Lower Upper

65 100

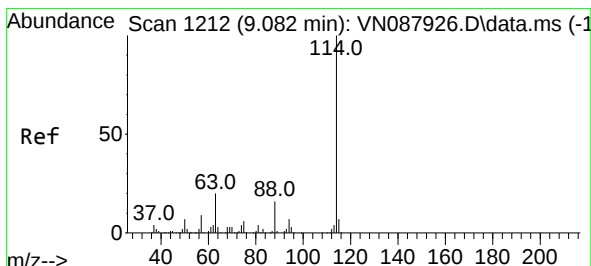
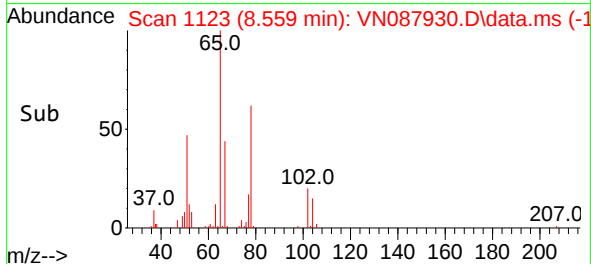
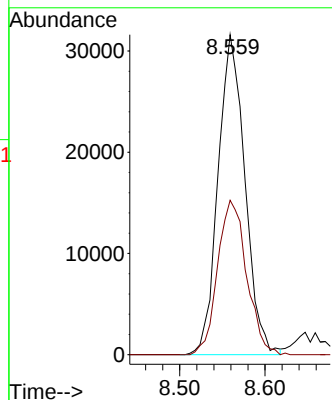
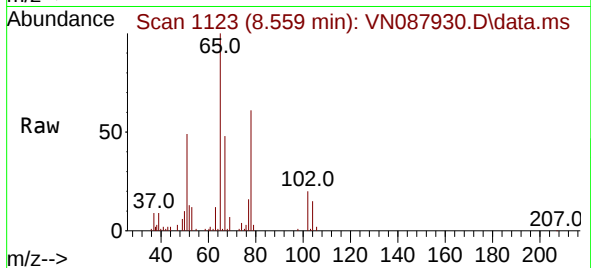
67 52.3 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

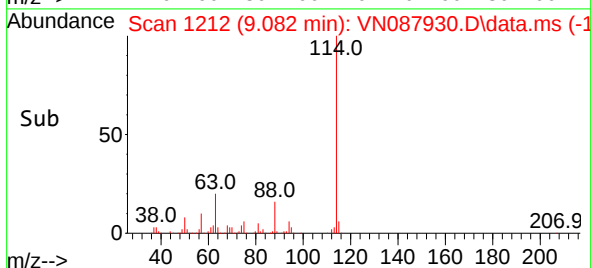
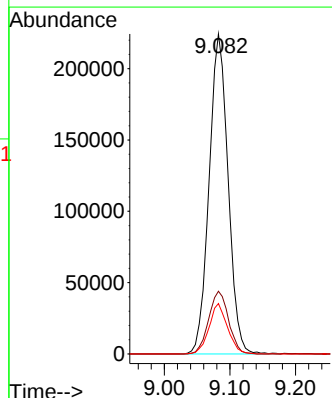
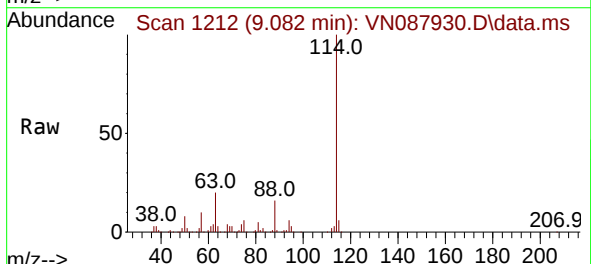
Tgt Ion:114 Resp: 451275

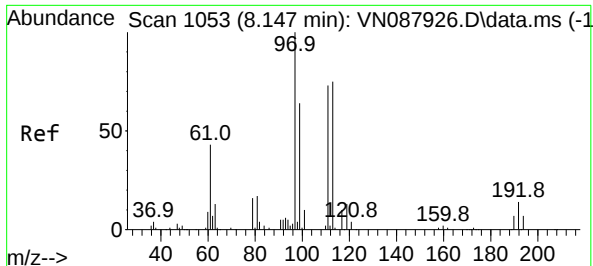
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

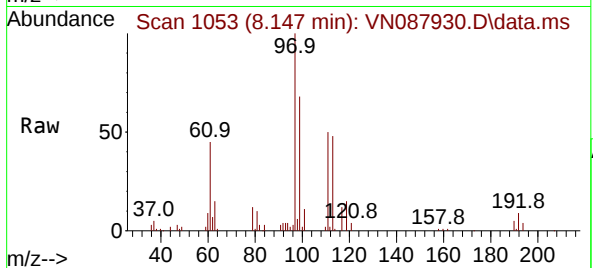
88 15.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 16.830 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

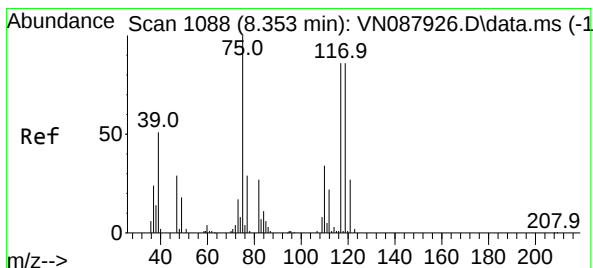
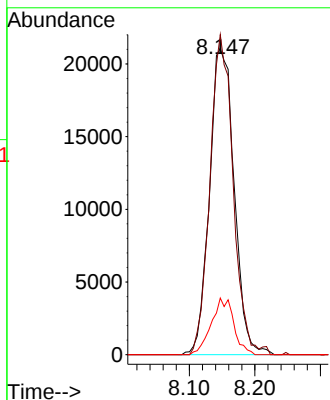
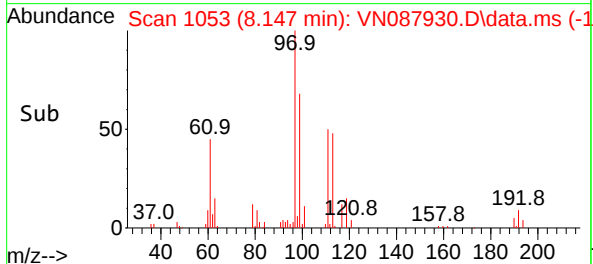
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 5514
Ion Ratio Lower Upper
113 100
111 98.0 82.2 123.2
192 16.9 14.2 21.2

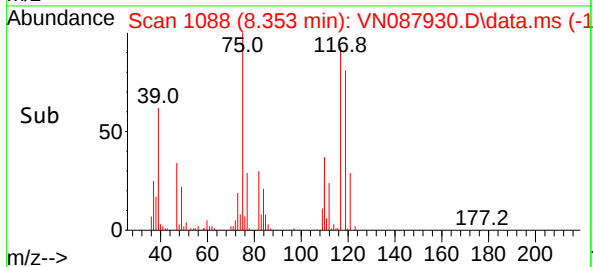
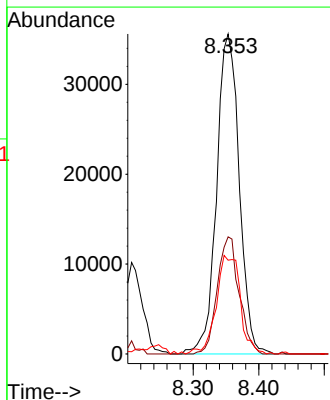
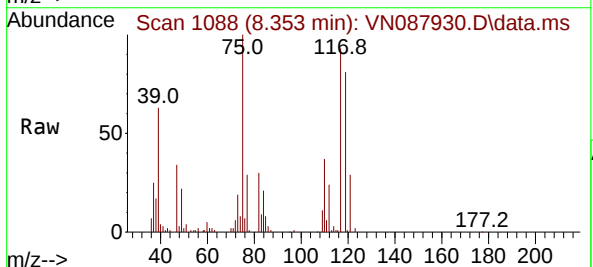
Manual Integrations
APPROVED

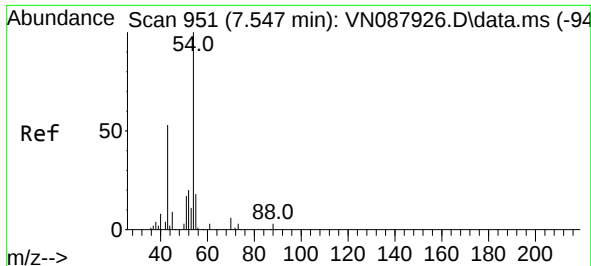
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#36
1,1-Dichloropropene
Concen: 21.605 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion: 75 Resp: 85120
Ion Ratio Lower Upper
75 100
110 35.3 17.1 51.3
77 32.8 24.8 37.2





#37

Ethyl Acetate

Concen: 21.105 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 10918

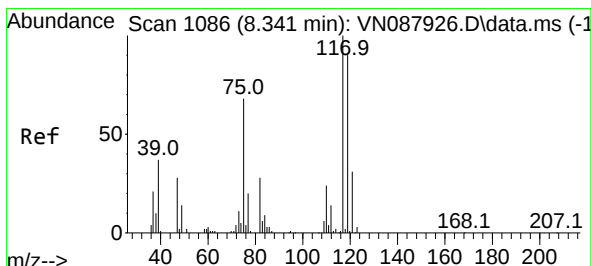
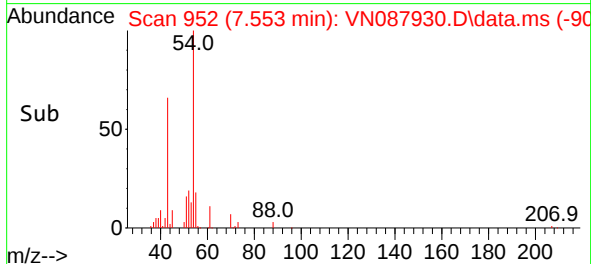
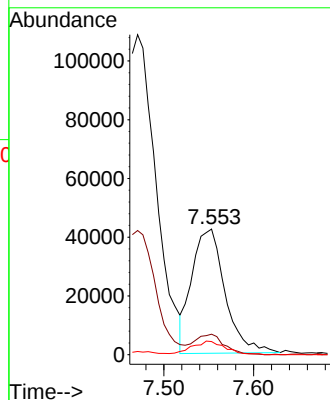
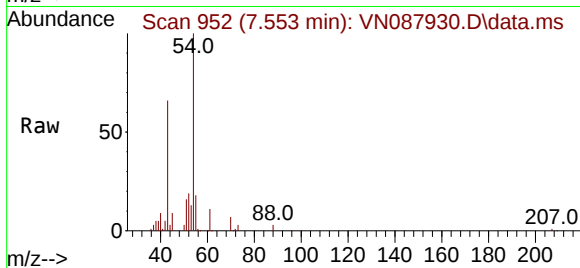
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.7	16.1
70	10.9	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#38

Carbon Tetrachloride

Concen: 21.778 ug/l

RT: 8.341 min Scan# 1086

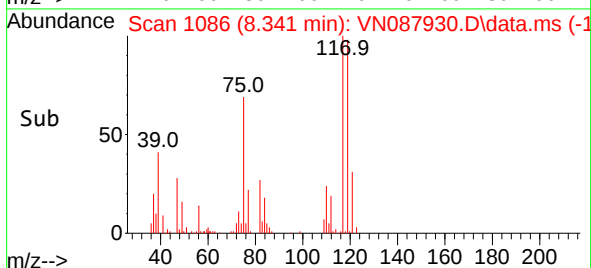
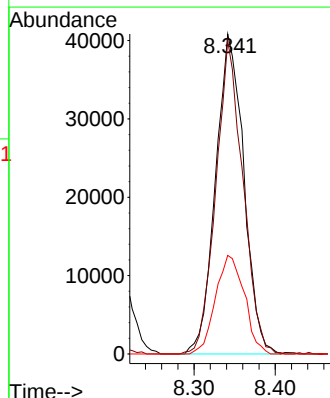
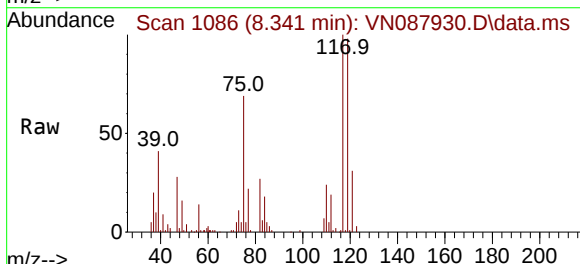
Delta R.T. 0.000 min

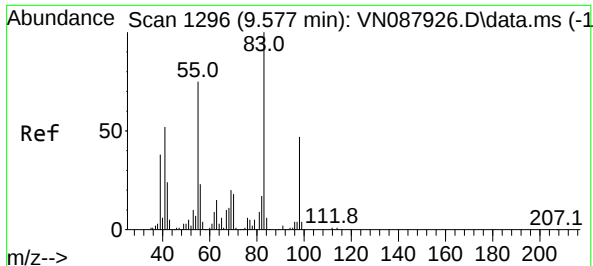
Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Tgt Ion:117 Resp: 98457

Ion	Ratio	Lower	Upper
117	100		
119	97.9	72.1	108.1
121	30.8	24.6	36.8





#39

Methylcyclohexane

Concen: 21.644 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

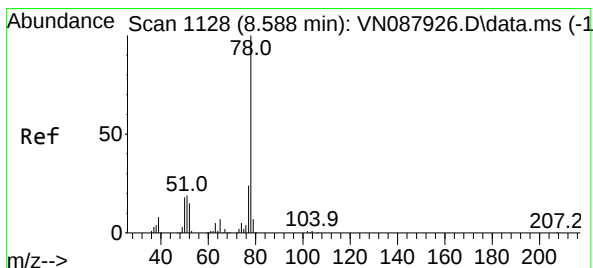
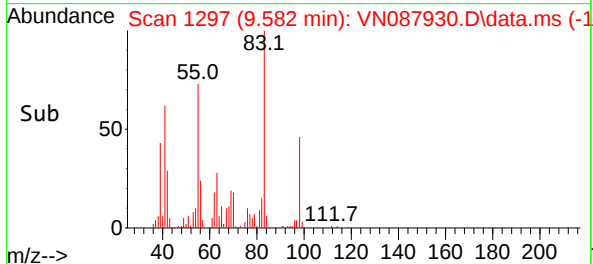
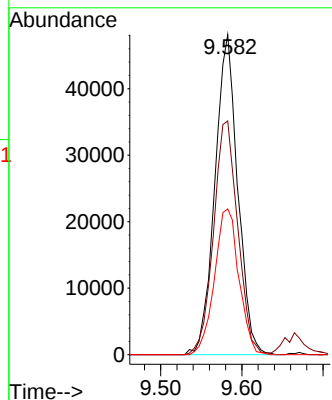
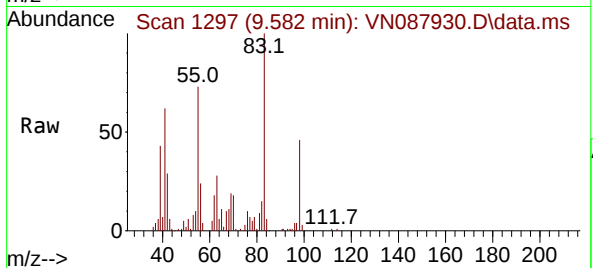
Tgt Ion:	83	Resp:	9406
Ion Ratio	Lower	Upper	
83	100		
55	73.1	59.9	89.9
98	45.6	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#40

Benzene

Concen: 21.710 ug/l

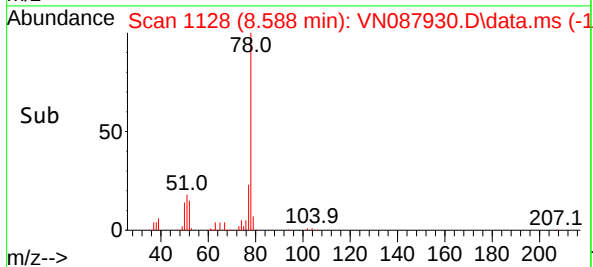
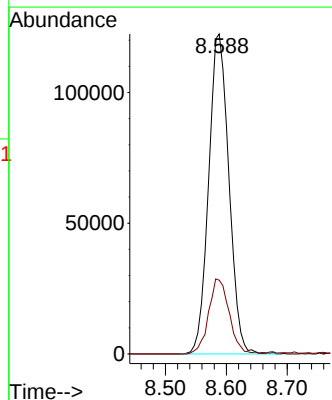
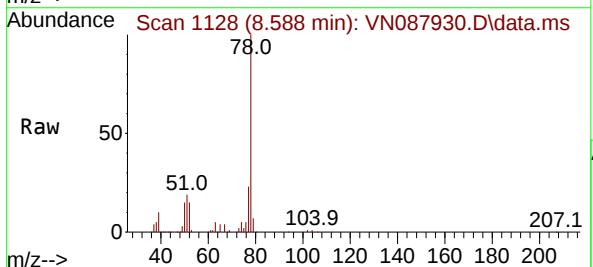
RT: 8.588 min Scan# 1128

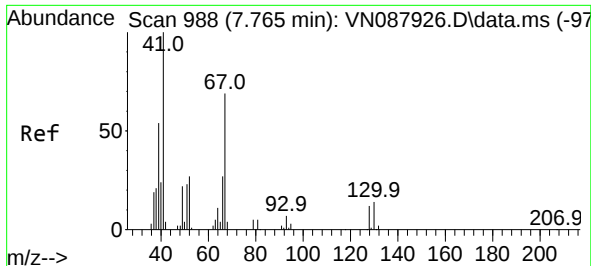
Delta R.T. 0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Tgt Ion:	78	Resp:	283203
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.6





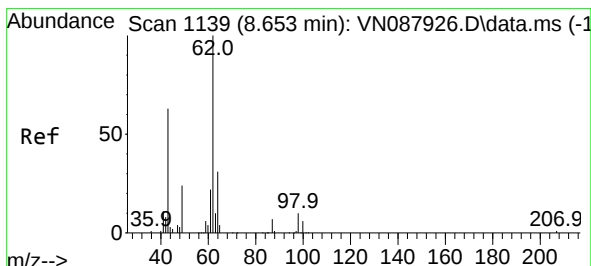
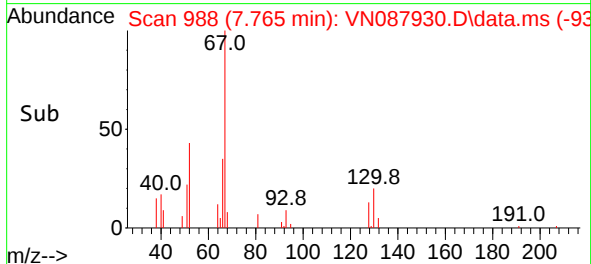
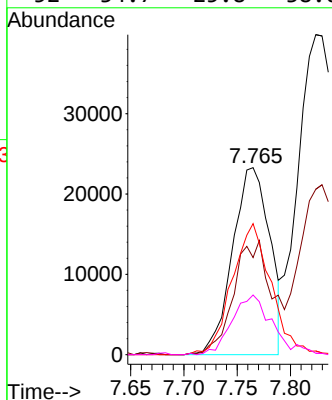
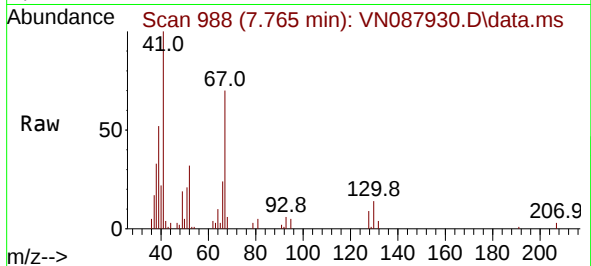
#41
Methacrylonitrile
Concen: 21.184 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41	Resp: 56639
Ion Ratio	Lower Upper
41 100	
39 62.7	43.5 65.3
67 73.6	57.6 86.4
52 34.7	25.8 38.6

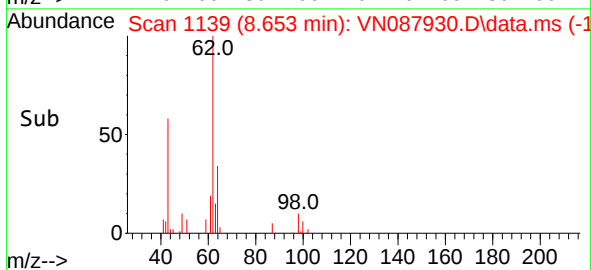
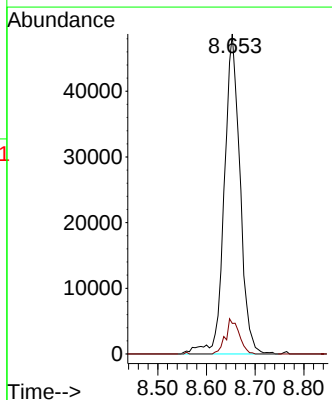
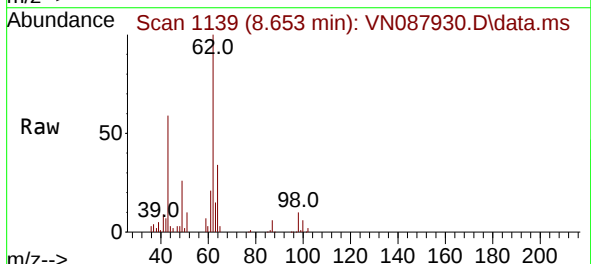
Manual Integrations
APPROVED

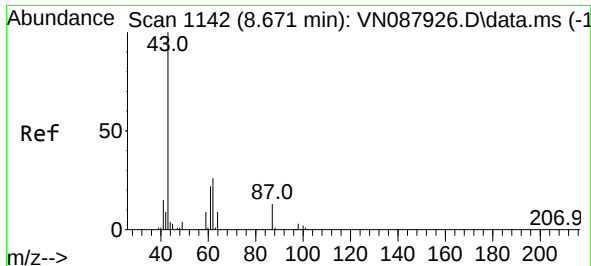
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 22.574 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

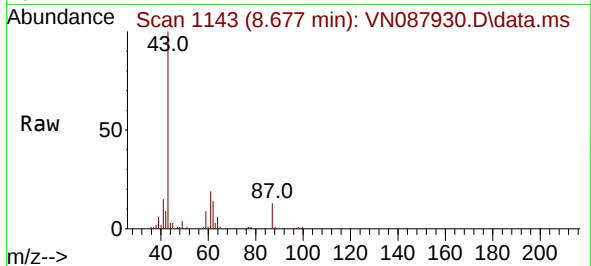
Tgt Ion: 62	Resp: 109893
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.6





#43
Isopropyl Acetate
Concen: 21.643 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

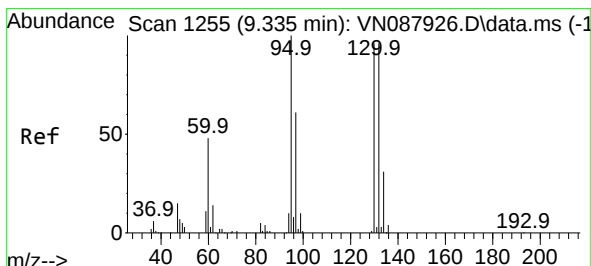
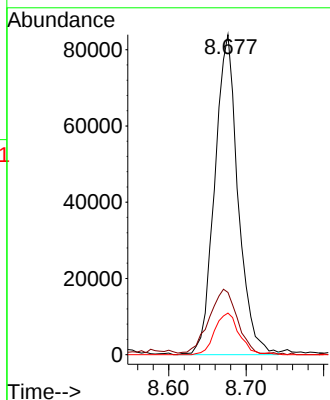
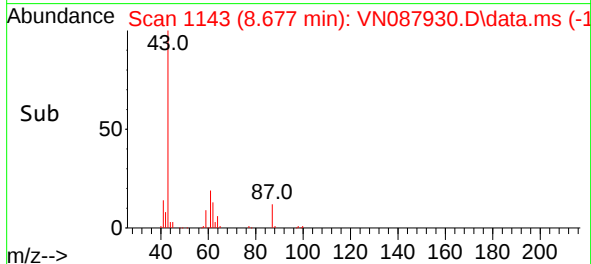
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 17625
Ion Ratio Lower Upper
43 100
61 24.3 20.2 30.2
87 13.7 10.9 16.3

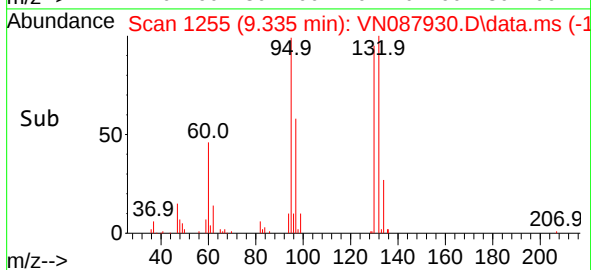
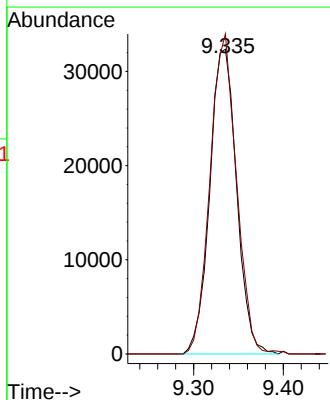
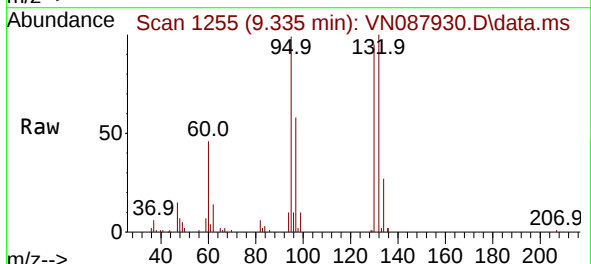
Manual Integrations
APPROVED

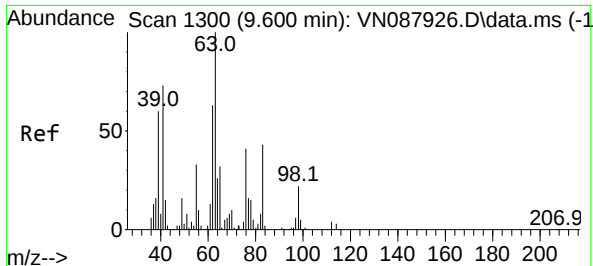
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 21.641 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion:130 Resp: 67433
Ion Ratio Lower Upper
130 100
95 105.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 22.186 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 72572

Ion Ratio Lower Upper

63 100

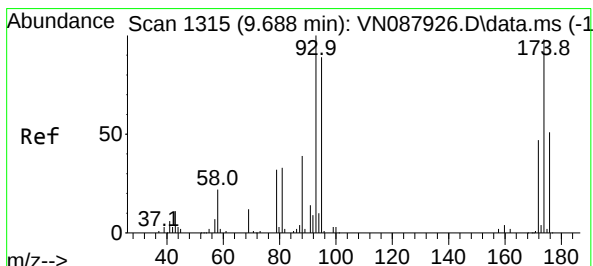
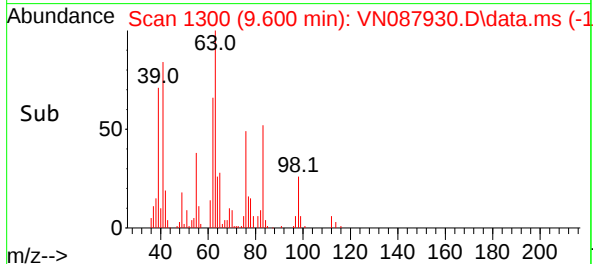
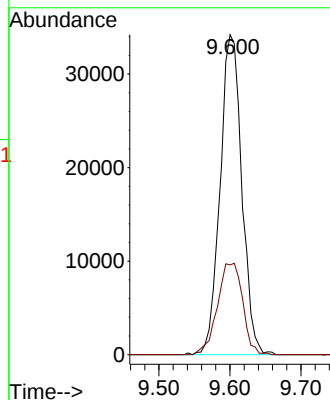
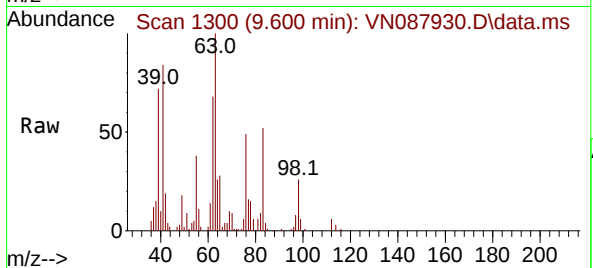
65 28.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 23.018 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

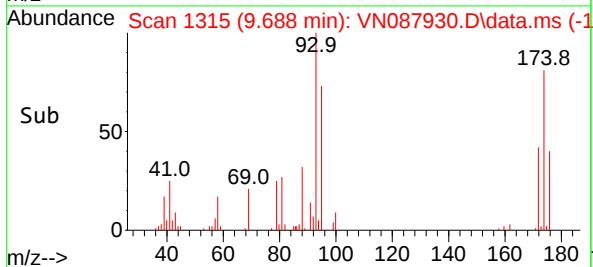
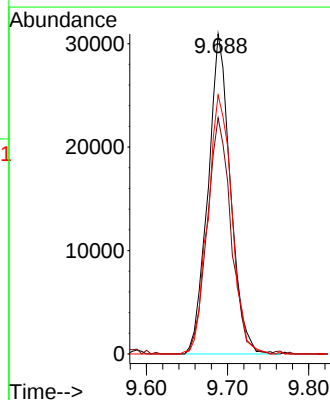
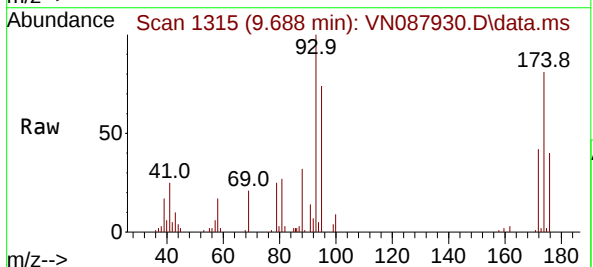
Tgt Ion: 93 Resp: 59412

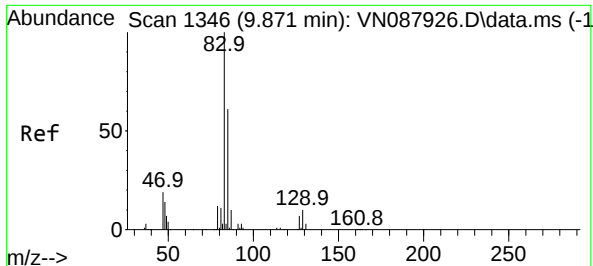
Ion Ratio Lower Upper

93 100

95 78.2 67.6 101.4

174 86.7 75.4 113.0





#47

Bromodichloromethane

Concen: 21.974 ug/l

RT: 9.871 min Scan# 11124

Delta R.T. 0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 11124

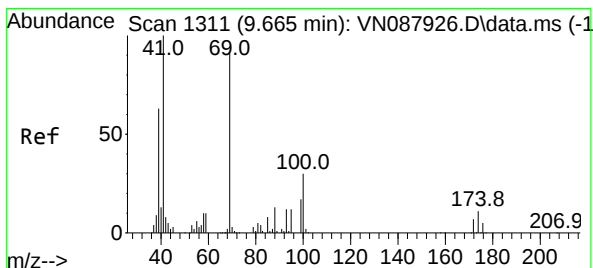
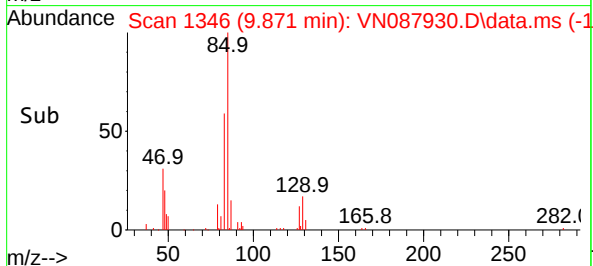
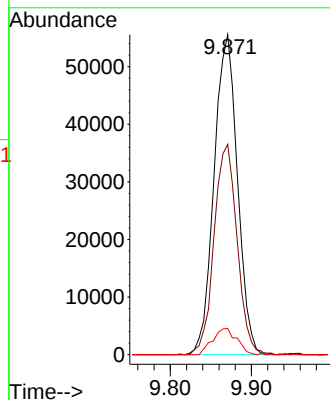
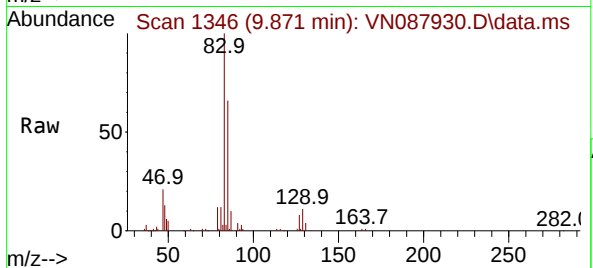
Ion	Ratio	Lower	Upper
83	100		
85	65.8	49.1	73.7
127	8.2	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#48

Methyl methacrylate

Concen: 21.365 ug/l

RT: 9.665 min Scan# 1311

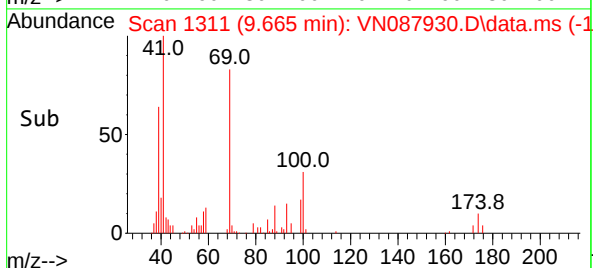
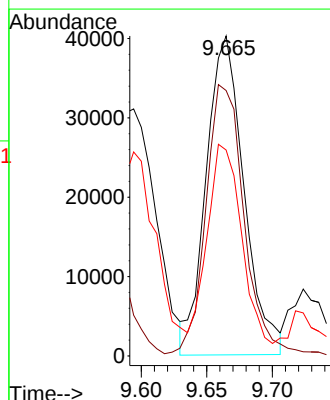
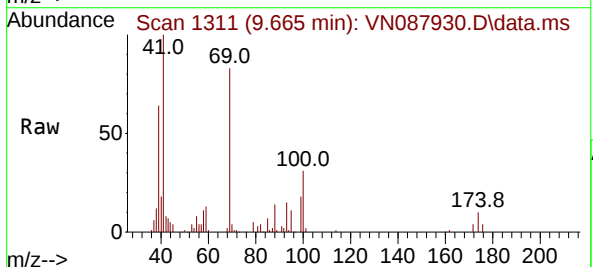
Delta R.T. 0.000 min

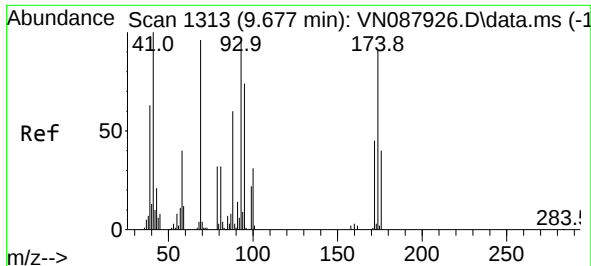
Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Tgt Ion: 41 Resp: 80574

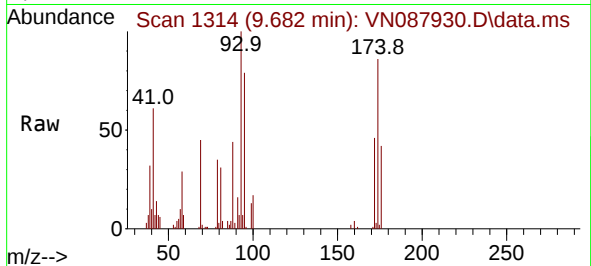
Ion	Ratio	Lower	Upper
41	100		
69	85.8	70.9	106.3
39	62.8	52.9	79.3





#49
1,4-Dioxane
Concen: 446.378 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

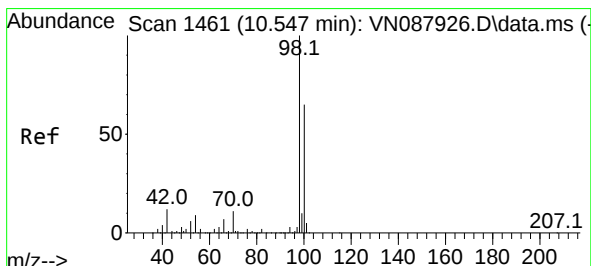
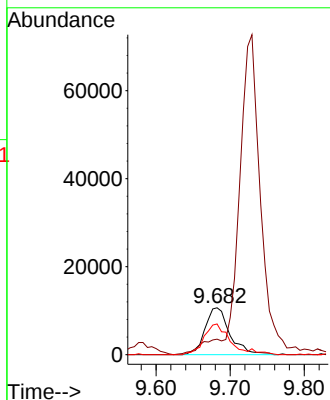
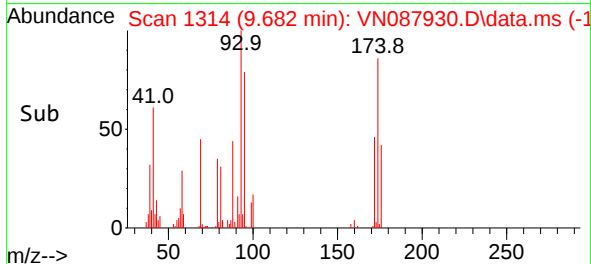
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



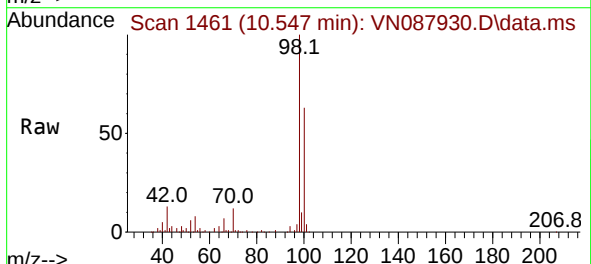
Tgt Ion: 88 Resp: 24869
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8
58 69.7 57.4 86.2

Manual Integrations
APPROVED

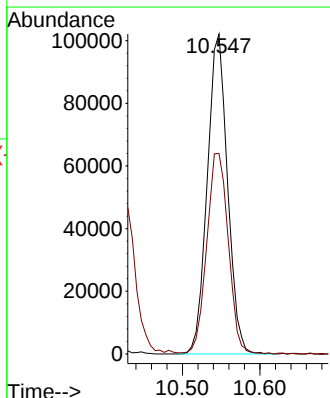
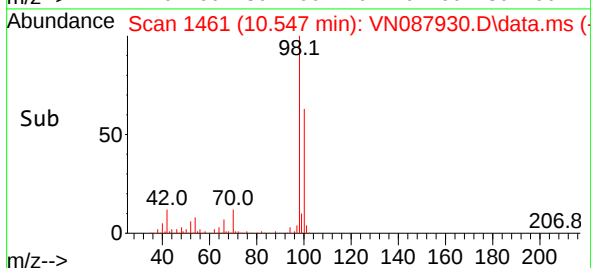
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

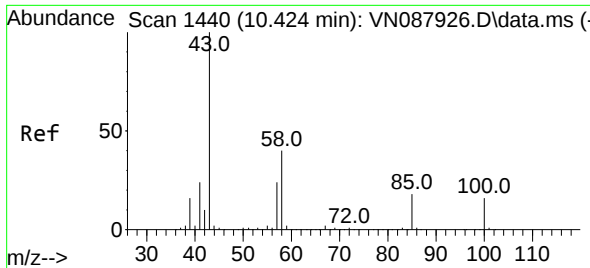


#50
Toluene-d8
Concen: 16.079 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



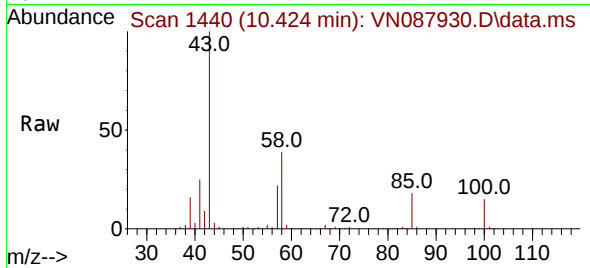
Tgt Ion: 98 Resp: 185268
Ion Ratio Lower Upper
98 100
100 67.0 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 110.571 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

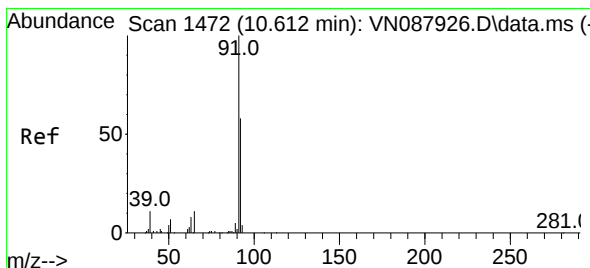
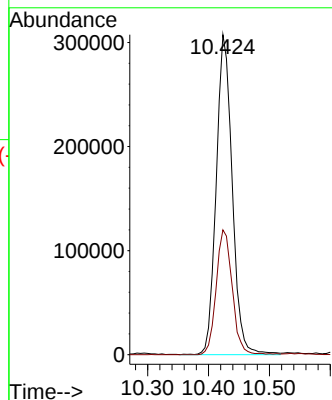
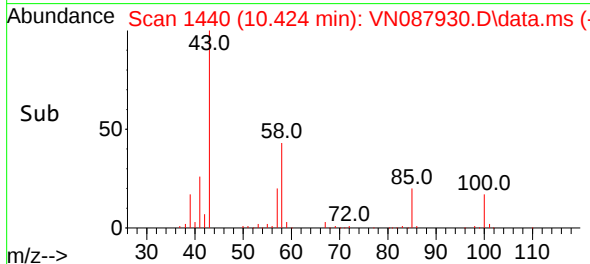
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 561870
Ion Ratio Lower Upper
43 100
58 39.1 31.0 46.6

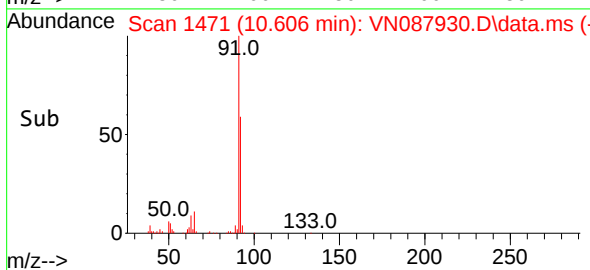
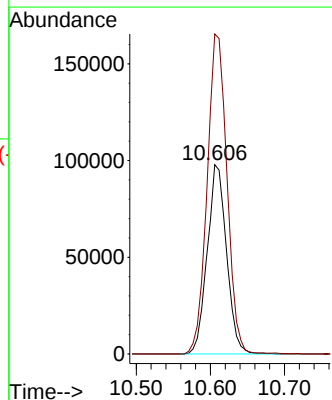
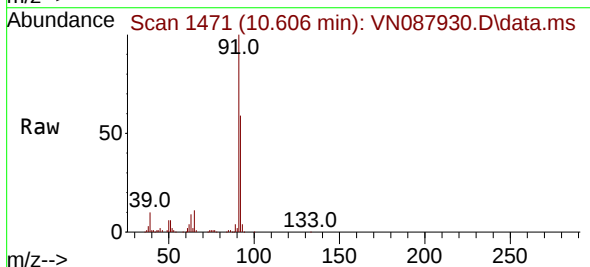
Manual Integrations
APPROVED

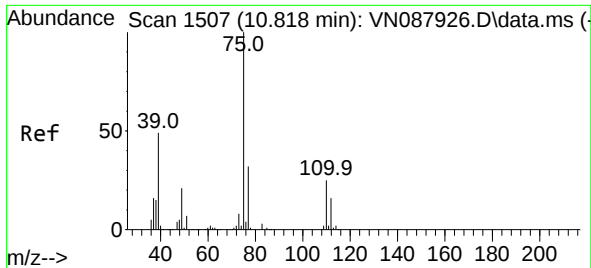
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#52
Toluene
Concen: 21.641 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

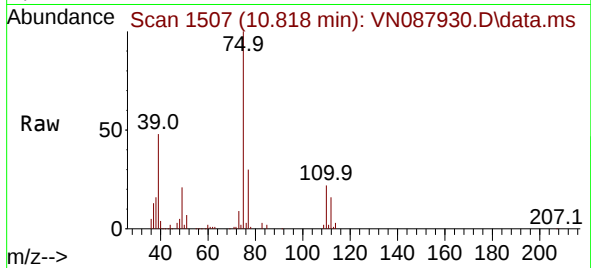
Tgt Ion: 92 Resp: 177153
Ion Ratio Lower Upper
92 100
91 173.9 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 21.498 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

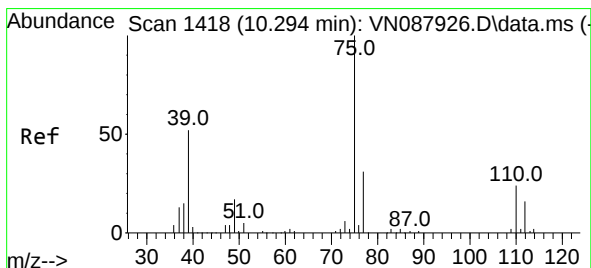
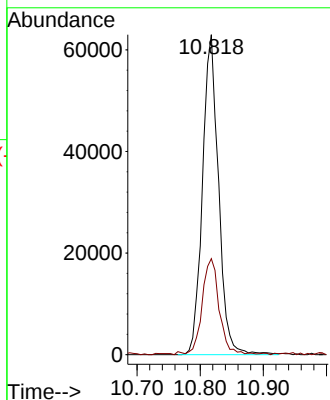
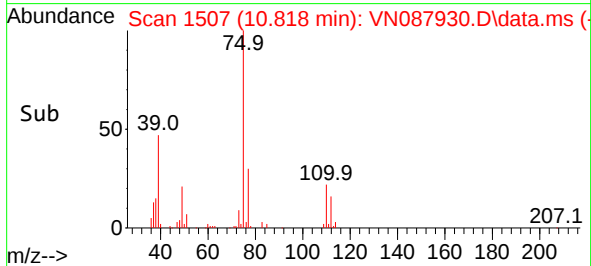
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



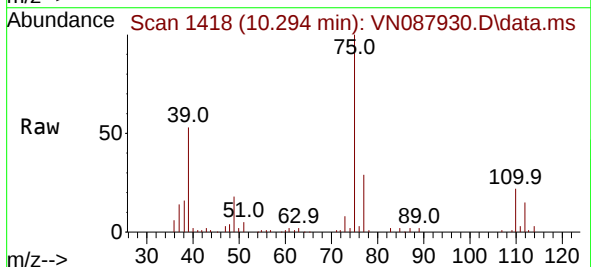
Tgt Ion: 75 Resp: 111380
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9

Manual Integrations
APPROVED

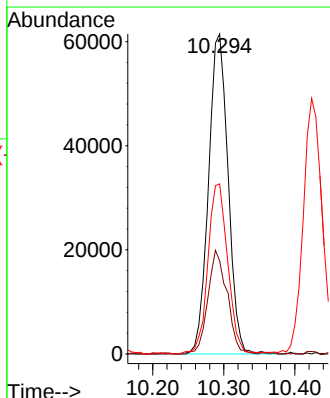
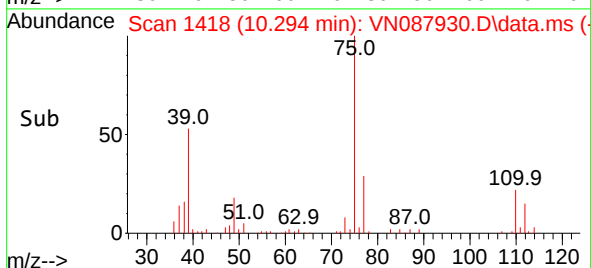
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

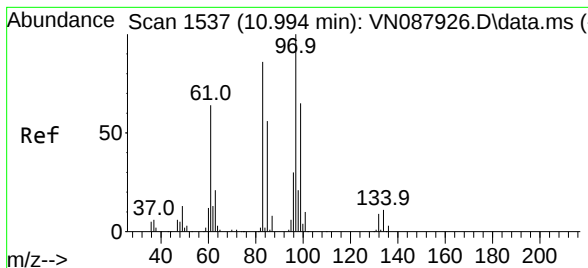


#54
cis-1,3-Dichloropropene
Concen: 21.845 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



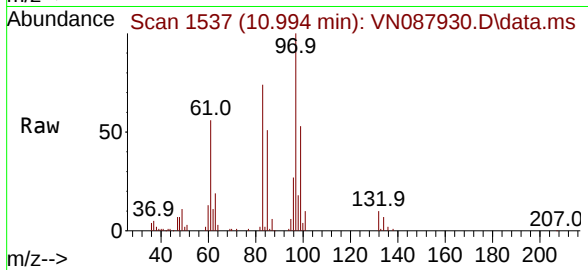
Tgt Ion: 75 Resp: 117557
Ion Ratio Lower Upper
75 100
77 29.1 24.7 37.1
39 53.1 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 22.411 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

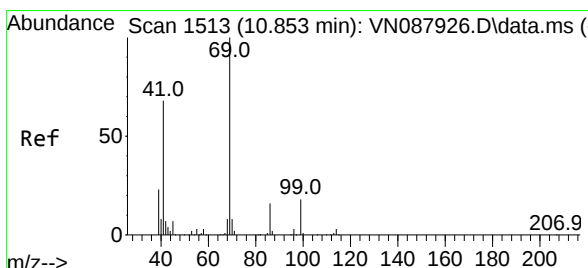
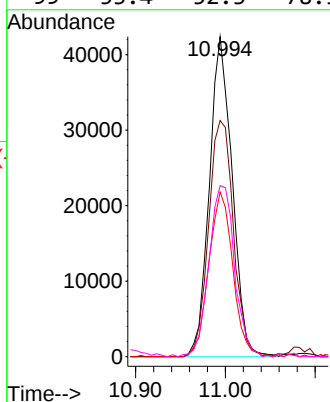
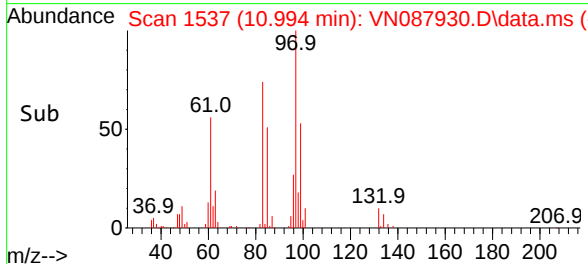
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



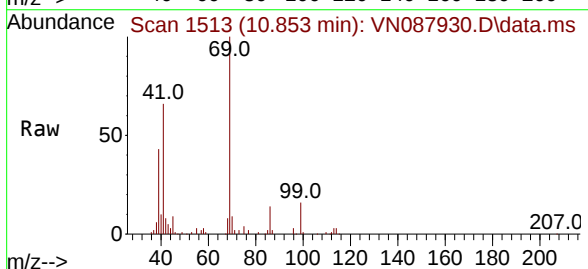
Tgt Ion:	97	Resp:	7459
Ion Ratio	100	Lower	Upper
83	73.8	69.0	103.4
85	51.5	44.4	66.6
99	53.4	52.3	78.5

Manual Integrations
APPROVED

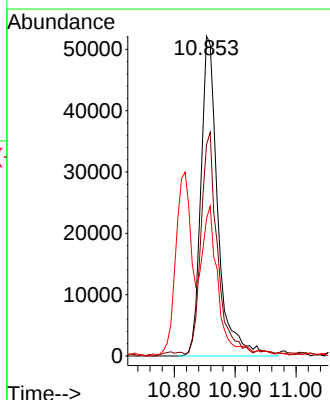
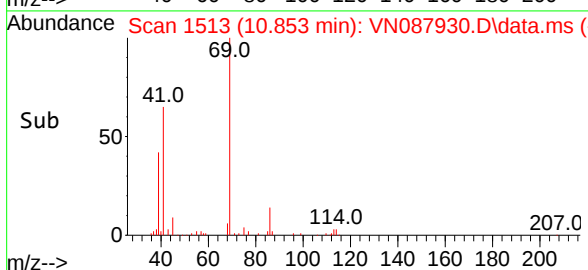
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

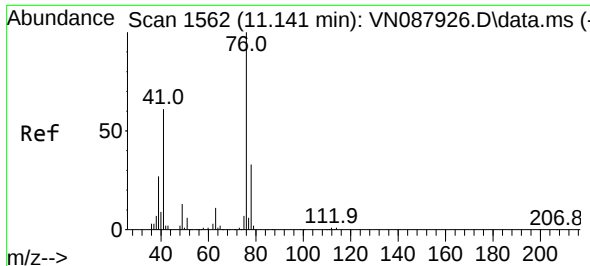


#56
Ethyl methacrylate
Concen: 21.040 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



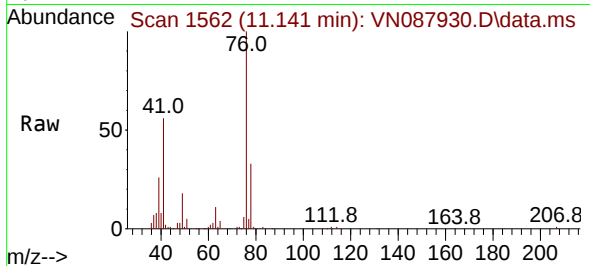
Tgt Ion:	69	Resp:	101192
Ion Ratio	100	Lower	Upper
41	66.9	53.8	80.6
39	42.6	34.7	52.1





#57
1,3-Dichloropropane
Concen: 21.980 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

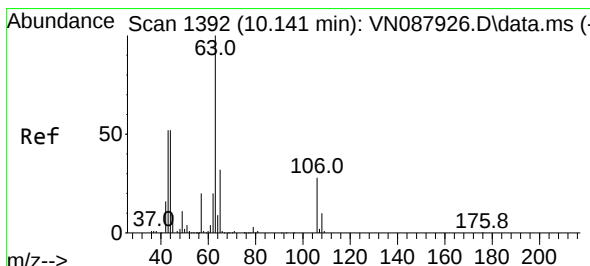
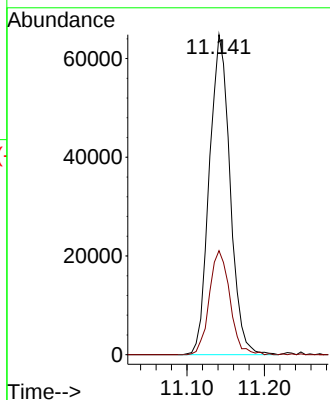
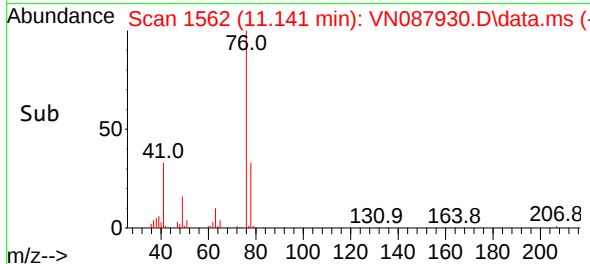
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 120334
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

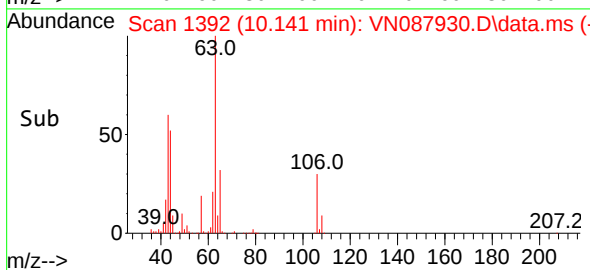
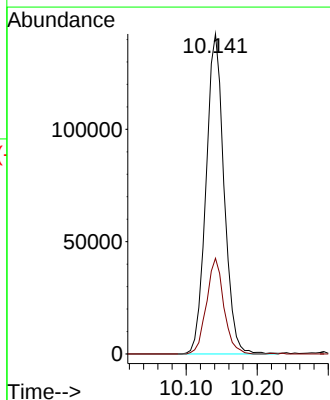
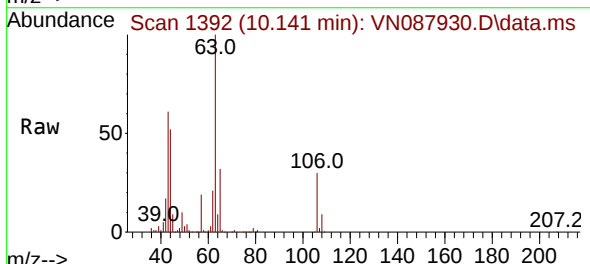
Manual Integrations
APPROVED

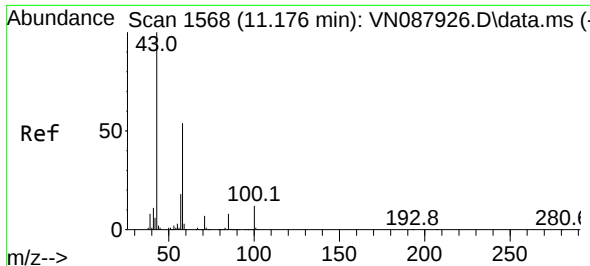
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 110.825 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

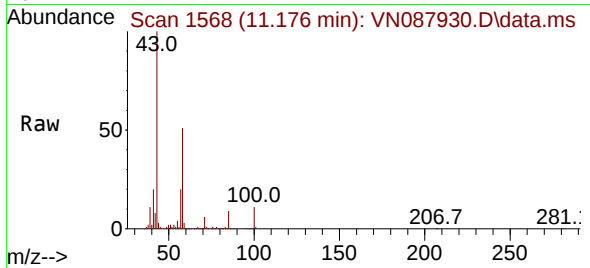
Tgt Ion: 63 Resp: 250611
Ion Ratio Lower Upper
63 100
106 28.8 22.6 33.8





#59
2-Hexanone
Concen: 108.058 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

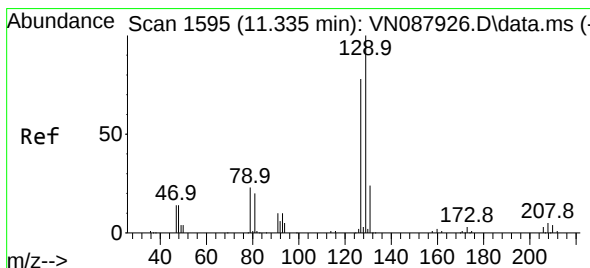
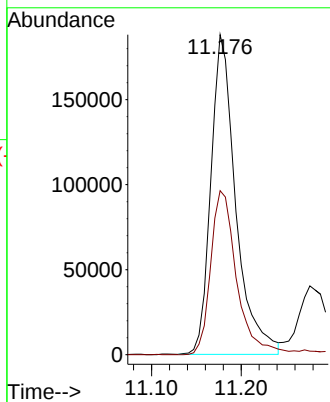
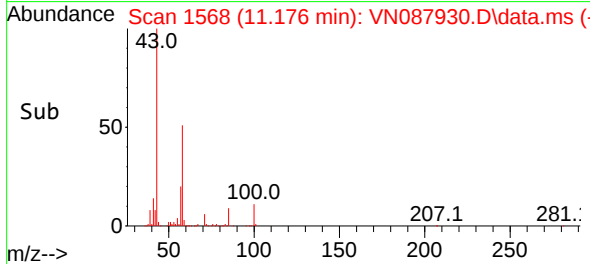
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 363080
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.2

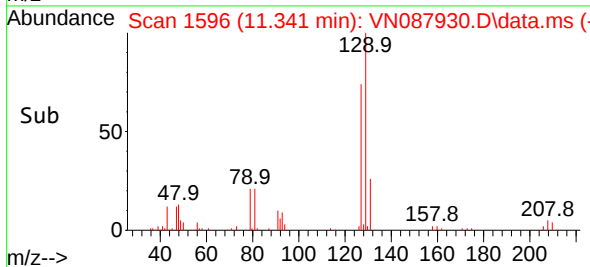
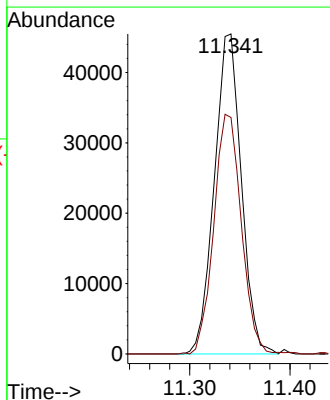
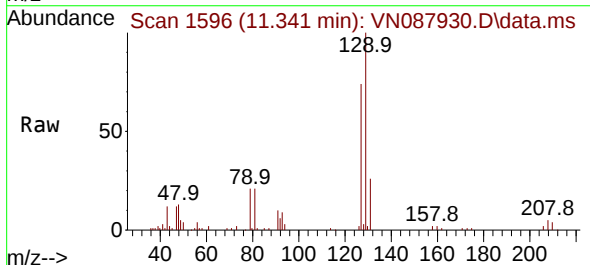
Manual Integrations
APPROVED

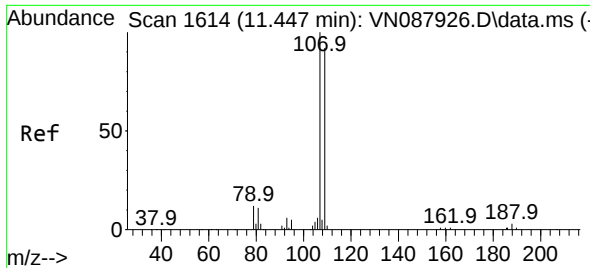
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 21.748 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion:129 Resp: 85111
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.9





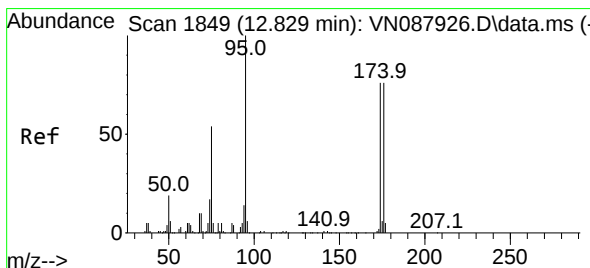
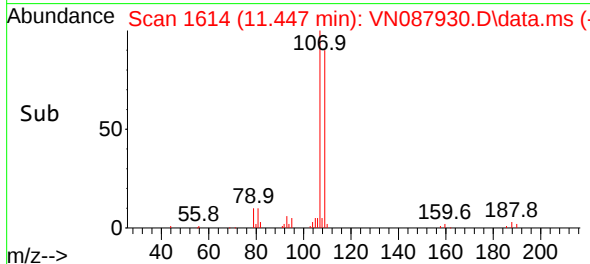
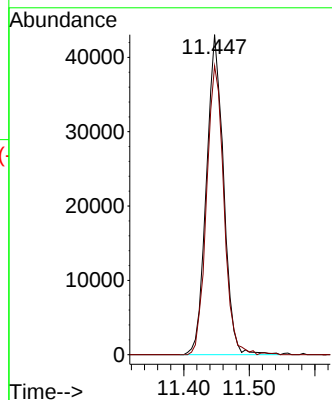
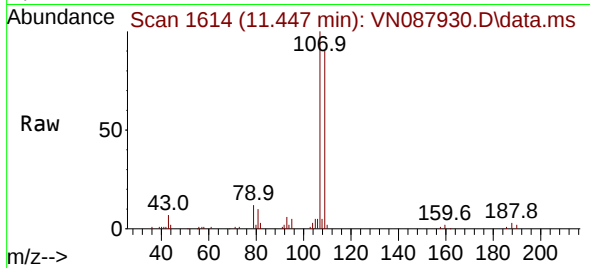
#61
1,2-Dibromoethane
Concen: 22.290 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 7854
Ion Ratio Lower Upper
107 100
109 91.0 75.3 112.9

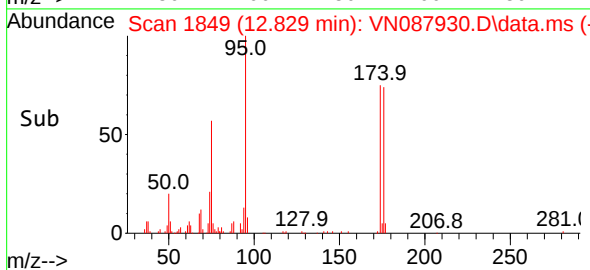
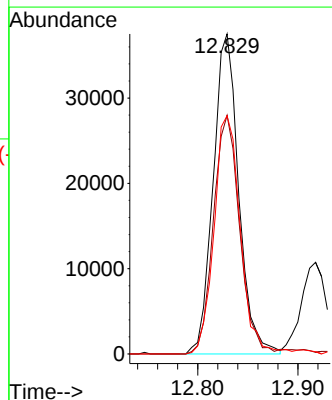
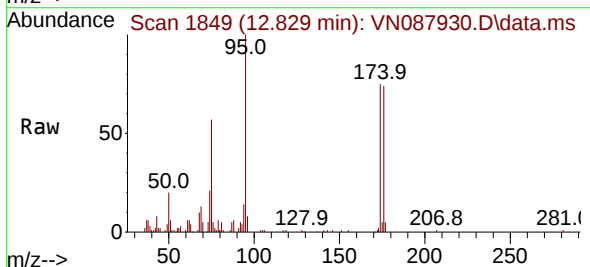
Manual Integrations
APPROVED

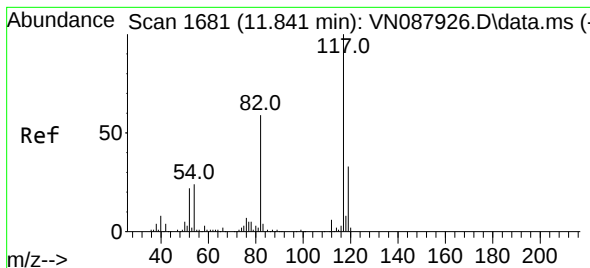
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#62
4-Bromofluorobenzene
Concen: 16.084 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion: 95 Resp: 66245
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.2
176 76.6 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 41783

Ion Ratio Lower Upper

117 100

82 56.5 47.0 70.4

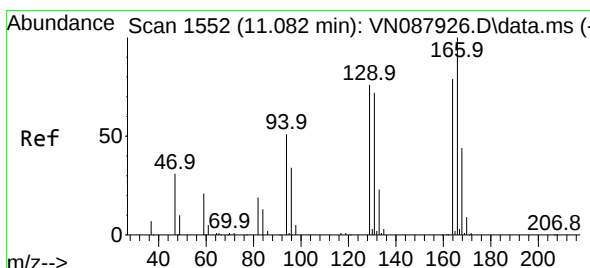
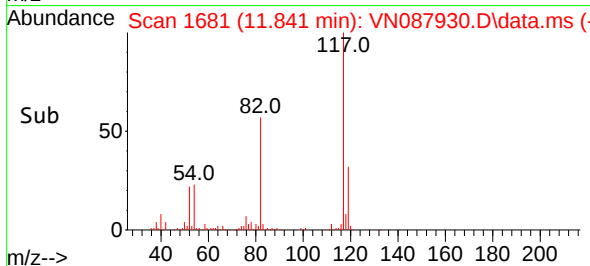
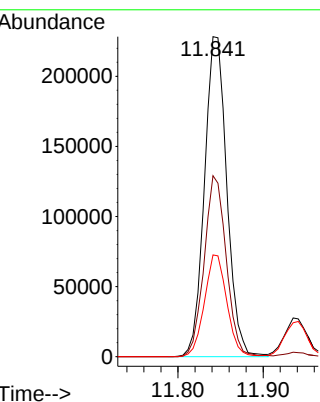
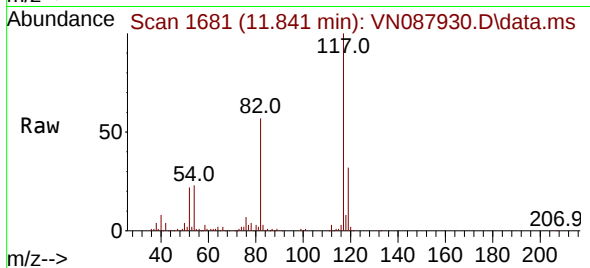
119 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#64

Tetrachloroethene

Concen: 22.638 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Tgt Ion:164 Resp: 57619

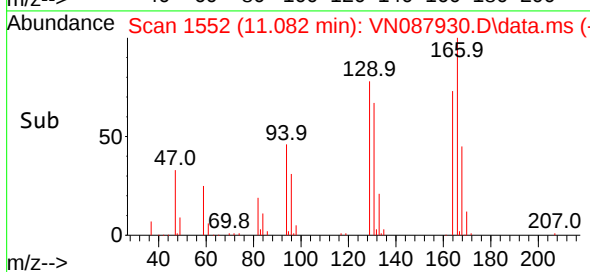
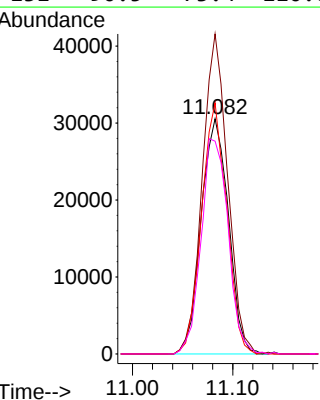
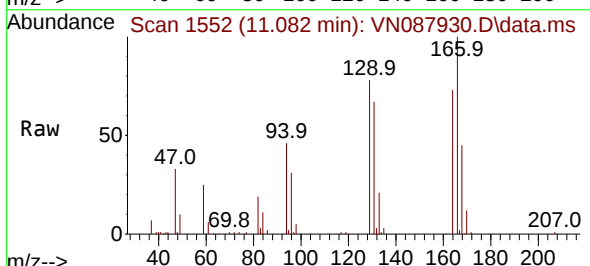
Ion Ratio Lower Upper

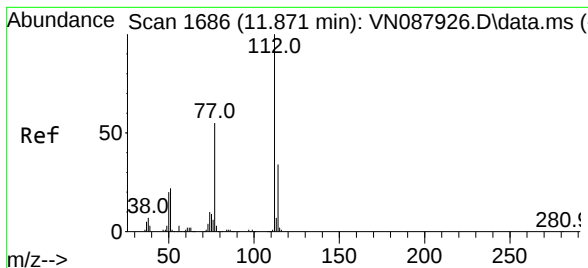
164 100

166 136.1 101.6 152.4

129 106.8 77.5 116.3

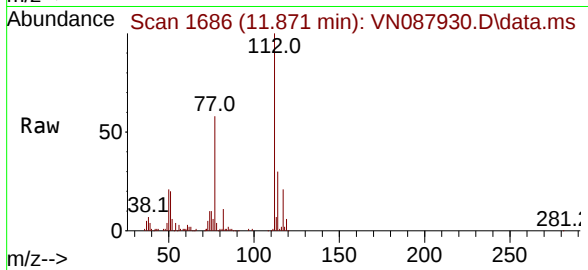
131 90.5 73.4 110.0





#65
Chlorobenzene
Concen: 22.894 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

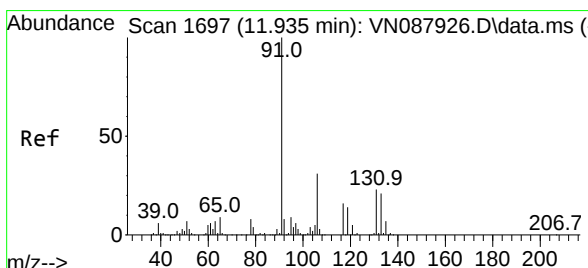
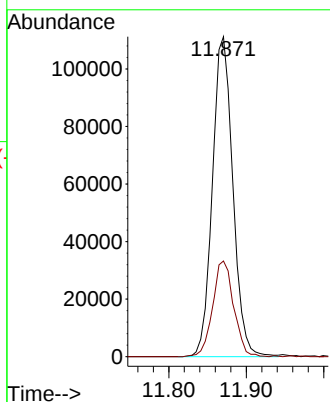
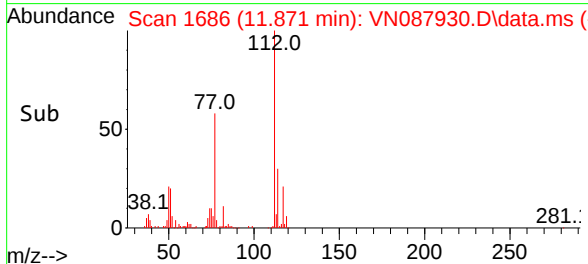
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



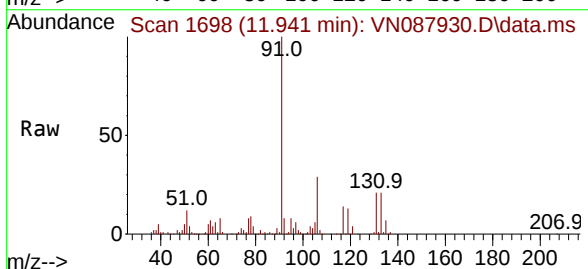
Tgt Ion:112 Resp: 203570
Ion Ratio Lower Upper
112 100
114 29.9 27.2 40.8

Manual Integrations
APPROVED

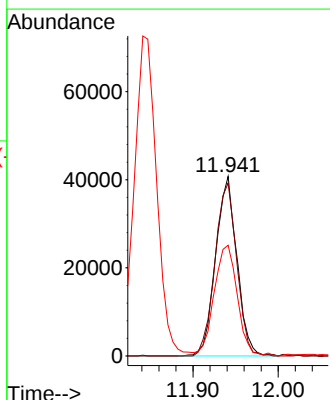
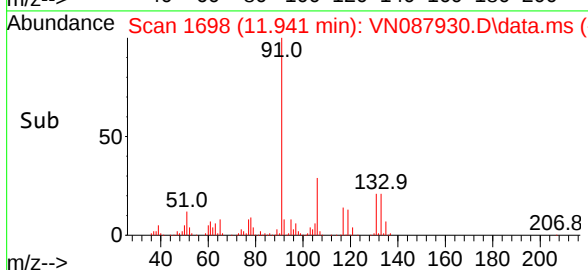
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

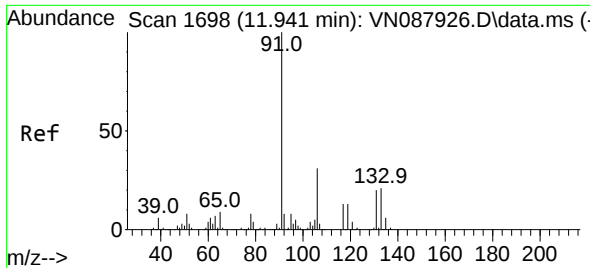


#66
1,1,1,2-Tetrachloroethane
Concen: 22.053 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



Tgt Ion:131 Resp: 70713
Ion Ratio Lower Upper
131 100
133 98.4 48.4 145.0
119 67.1 31.9 95.5





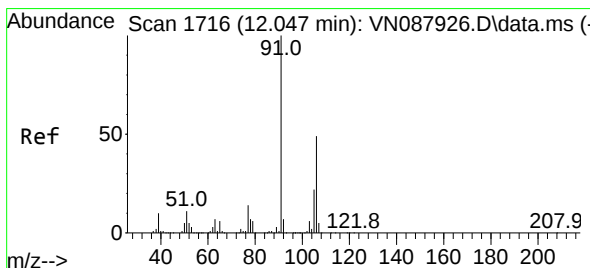
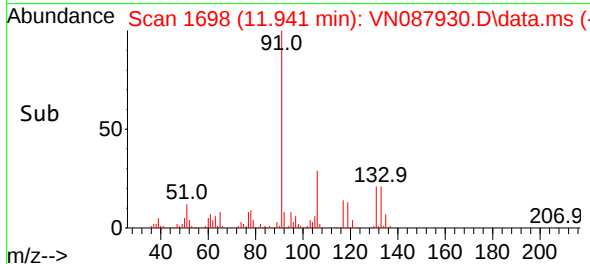
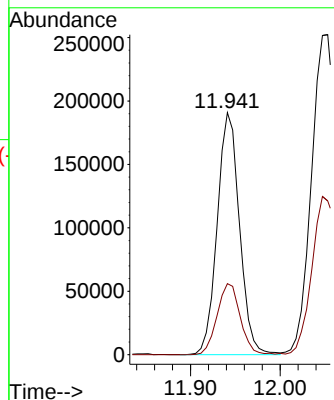
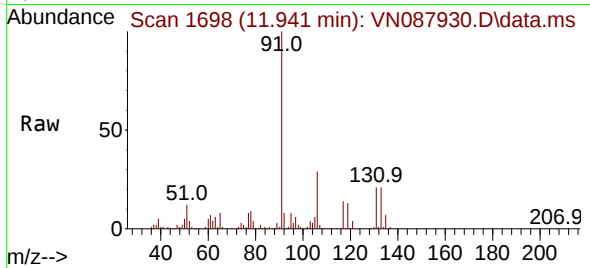
#67
Ethyl Benzene
Concen: 22.173 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 328980
Ion Ratio Lower Upper
91 100
106 29.3 25.2 37.8

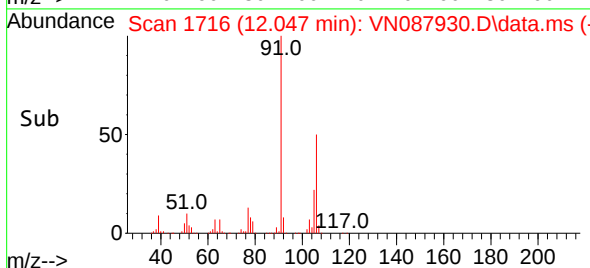
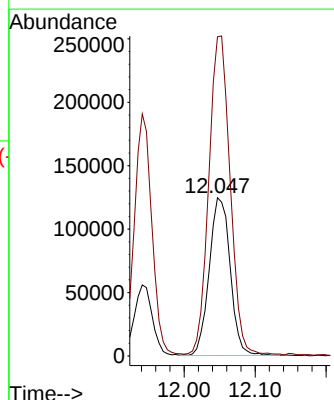
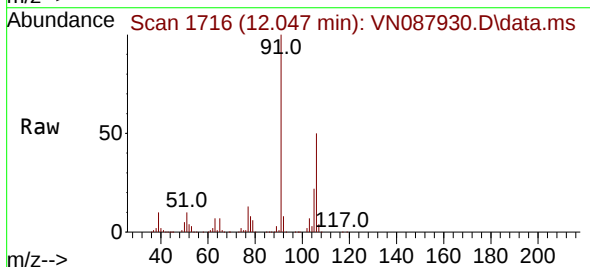
Manual Integrations
APPROVED

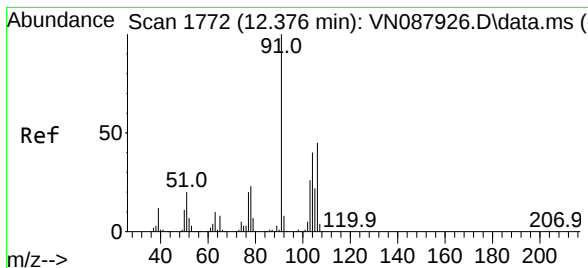
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#68
m/p-Xylenes
Concen: 45.053 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

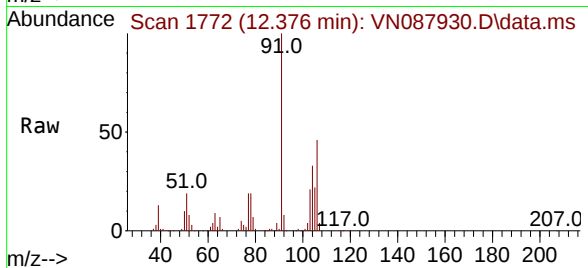
Tgt Ion:106 Resp: 255651
Ion Ratio Lower Upper
106 100
91 206.0 162.9 244.3





#69
o-Xylene
Concen: 22.024 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

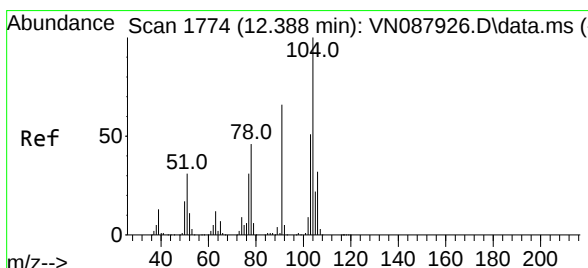
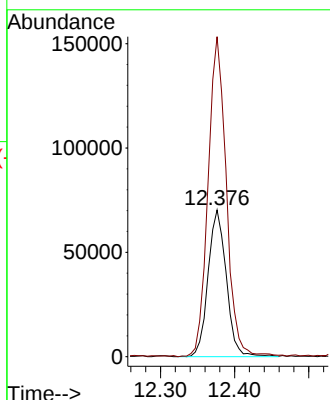
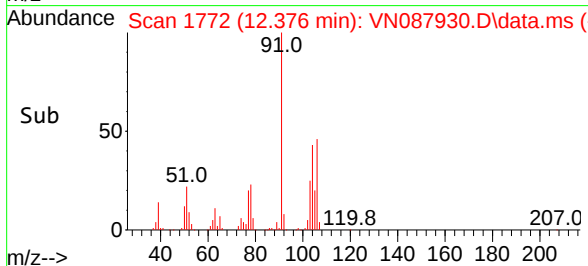
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 120068
Ion Ratio Lower Upper
106 100
91 218.9 108.2 324.6

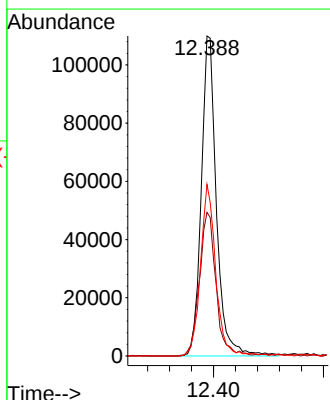
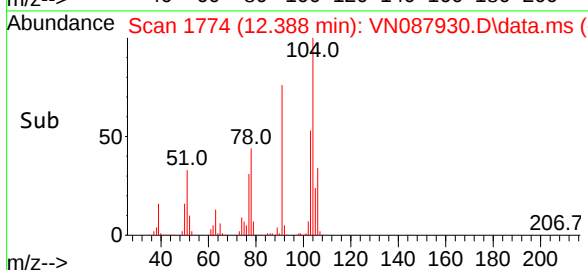
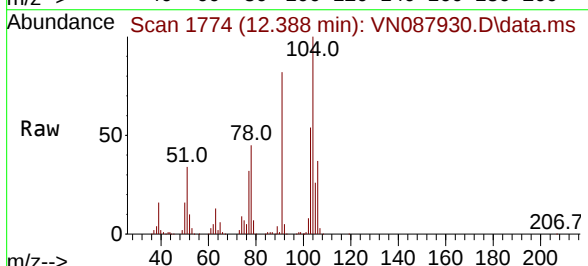
Manual Integrations
APPROVED

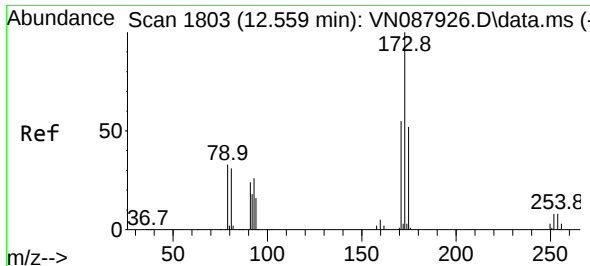
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#70
Styrene
Concen: 22.491 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

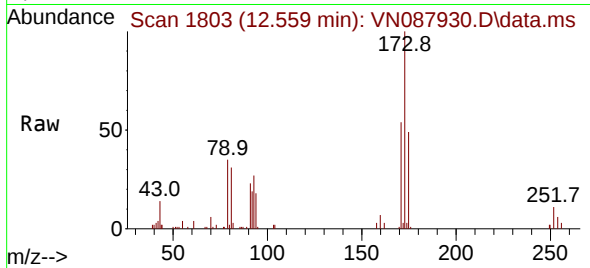
Tgt Ion:104 Resp: 210587
Ion Ratio Lower Upper
104 100
78 49.0 39.7 59.5
103 53.6 44.6 67.0





#71
Bromoform
Concen: 22.132 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

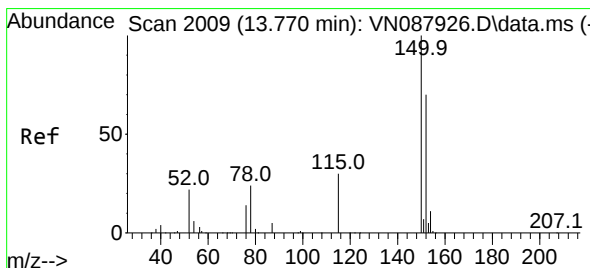
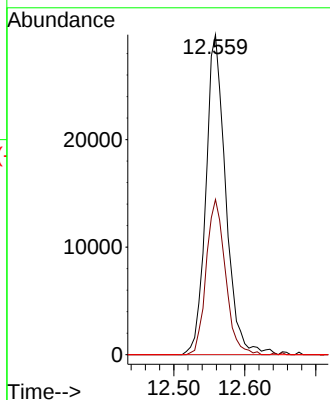
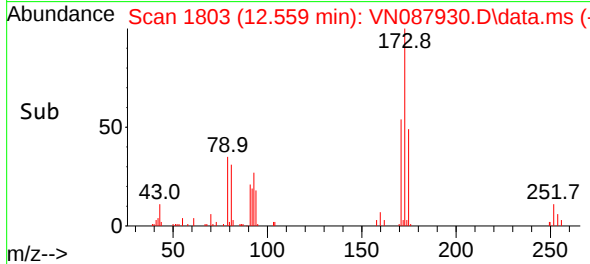
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



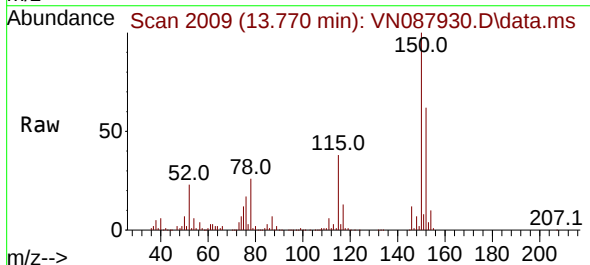
Tgt Ion:173 Resp: 57570
Ion Ratio Lower Upper
173 100
175 47.1 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
APPROVED

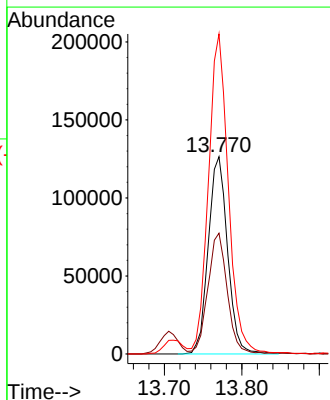
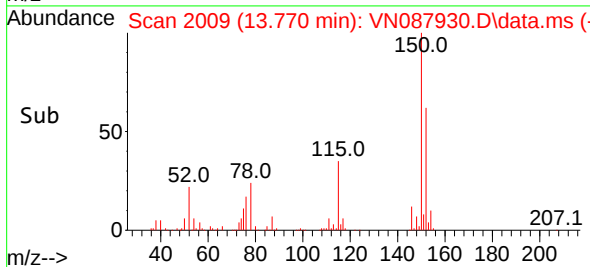
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

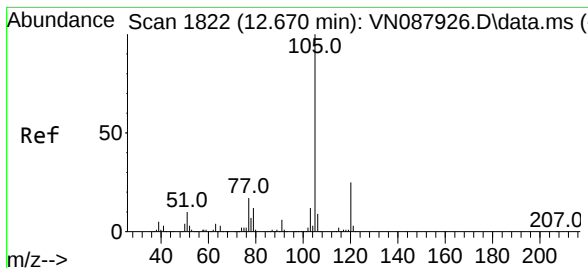


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



Tgt Ion:152 Resp: 219754
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.7
150 167.9 0.0 335.0





#73

Isopropylbenzene

Concen: 22.707 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 309264

Ion Ratio Lower Upper

105 100

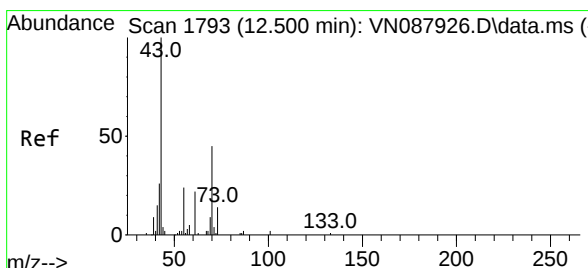
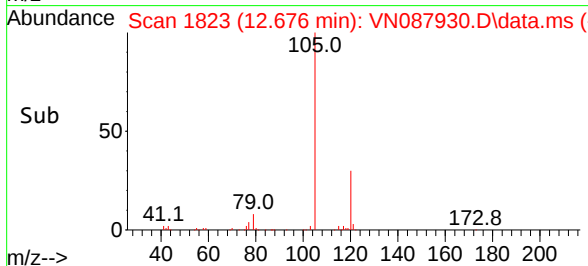
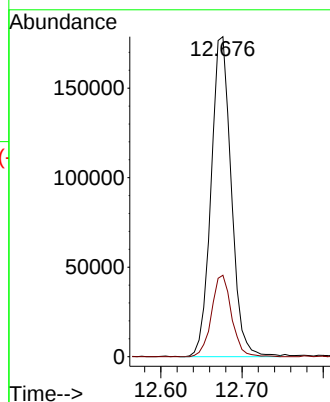
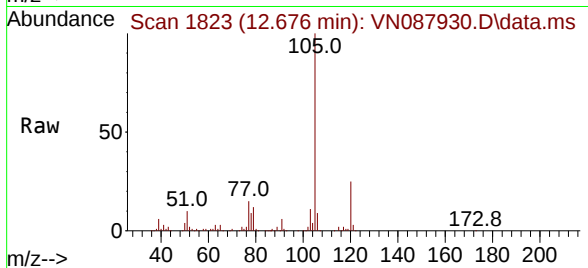
120 25.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#74

N-ethyl acetate

Concen: 22.156 ug/l m

RT: 12.547 min Scan# 1801

Delta R.T. 0.047 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Tgt Ion: 43 Resp: 89886

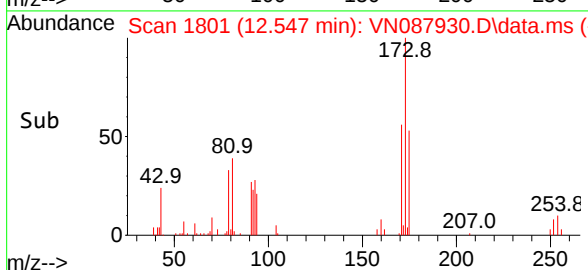
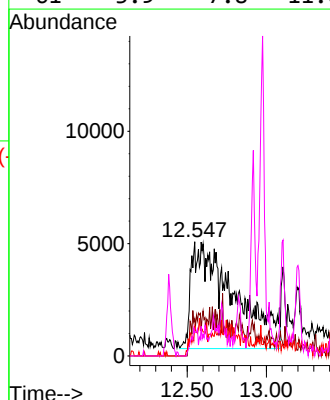
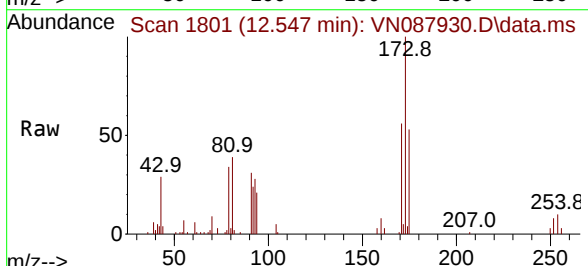
Ion Ratio Lower Upper

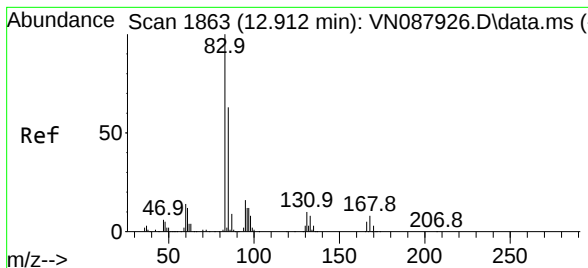
43 100

70 4.6 19.8 29.8#

55 0.9 9.6 14.4#

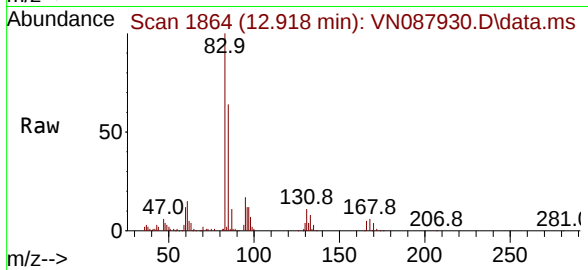
61 3.9 7.8 11.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.731 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

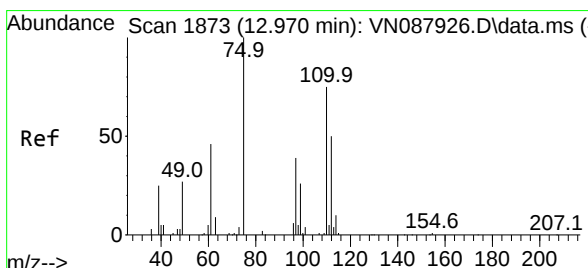
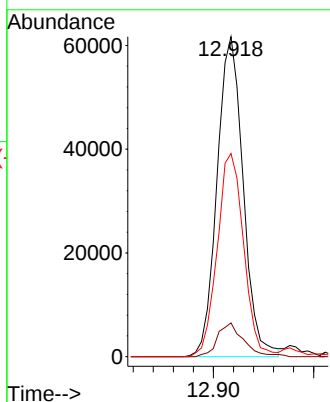
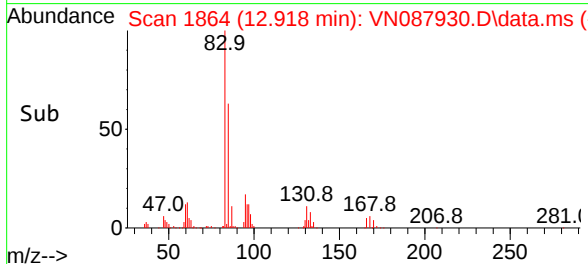
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



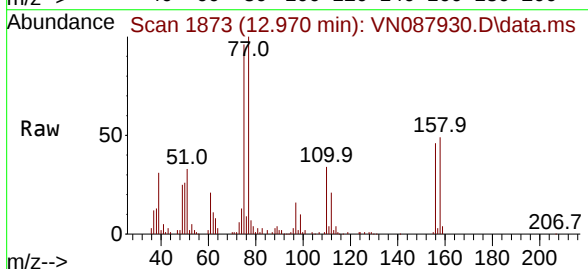
Tgt Ion: 83 Resp: 111540
Ion Ratio Lower Upper
83 100
131 10.5 5.2 15.6
85 64.3 32.4 97.0

Manual Integrations
APPROVED

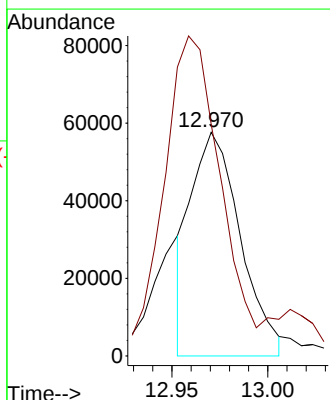
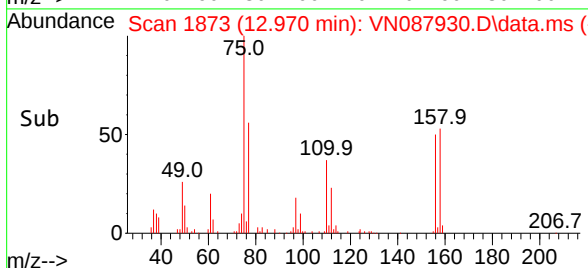
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

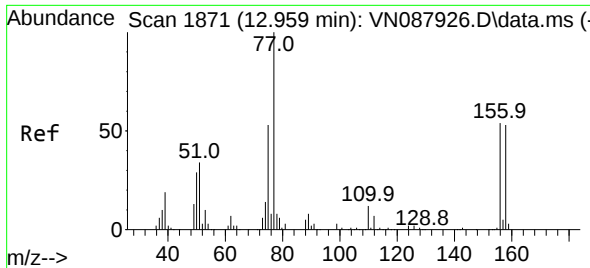


#76
1,2,3-Trichloropropane
Concen: 23.643 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



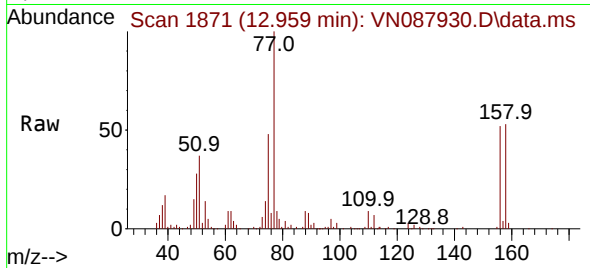
Tgt Ion: 75 Resp: 103062
Ion Ratio Lower Upper
75 100
77 164.1 89.5 268.5





#77
Bromobenzene
Concen: 22.283 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

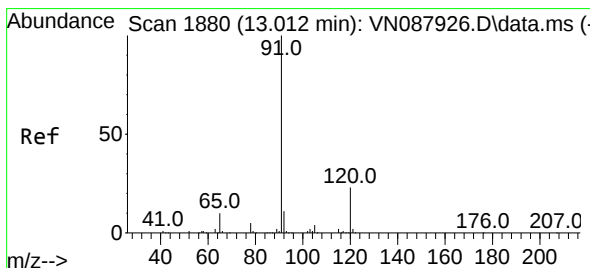
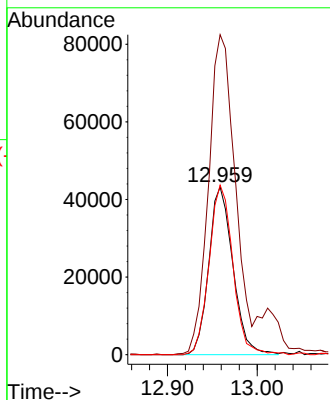
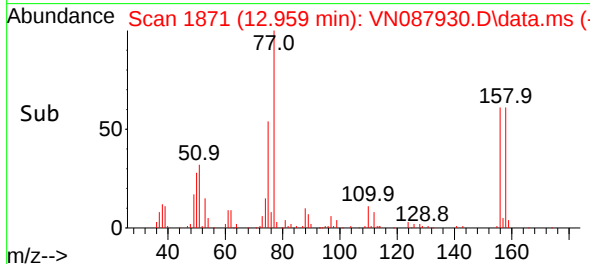
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



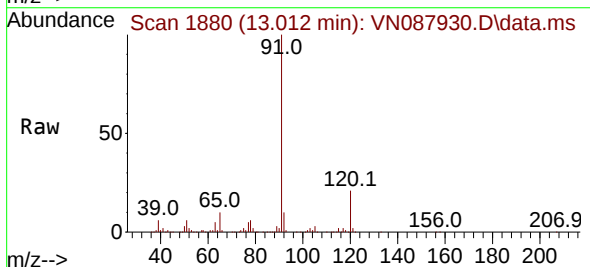
Tgt Ion:156 Resp: 80748
Ion Ratio Lower Upper
156 100
77 209.5 108.2 324.6
158 100.0 49.6 149.0

Manual Integrations
APPROVED

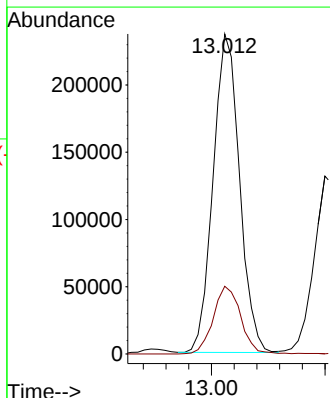
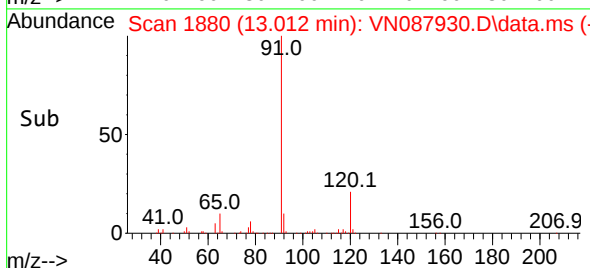
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

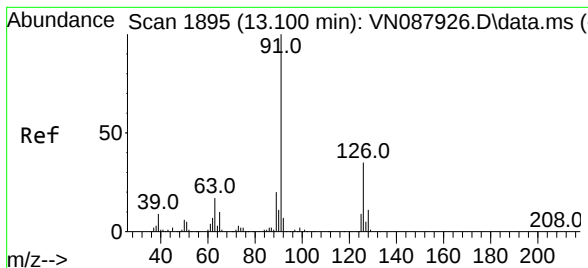


#78
n-propylbenzene
Concen: 22.431 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



Tgt Ion: 91 Resp: 381954
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





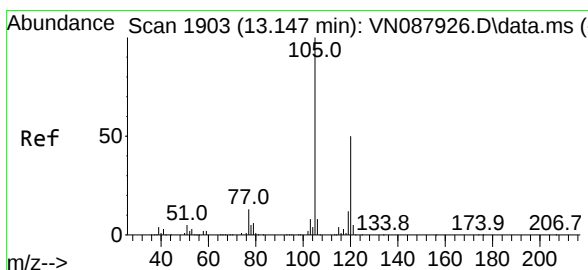
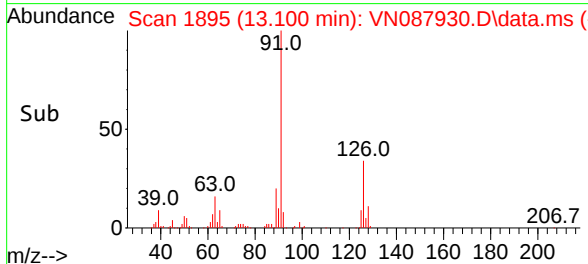
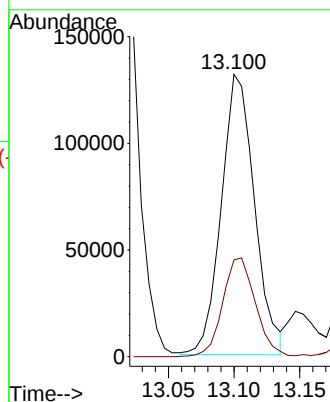
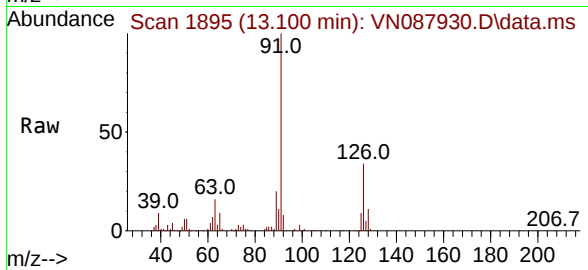
#79
2-Chlorotoluene
Concen: 22.347 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 23170
Ion Ratio Lower Upper
91 100
126 34.8 16.6 49.8

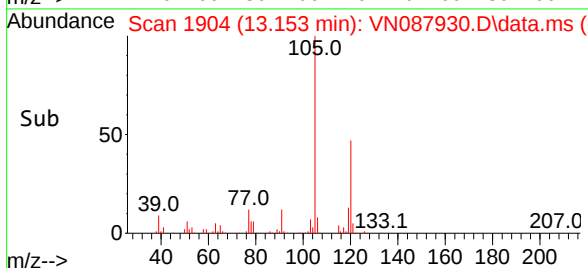
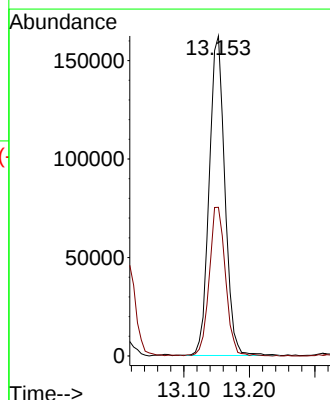
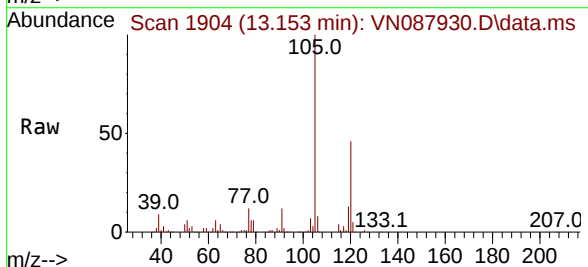
Manual Integrations
APPROVED

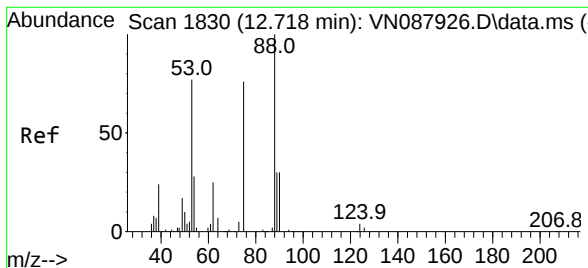
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.860 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

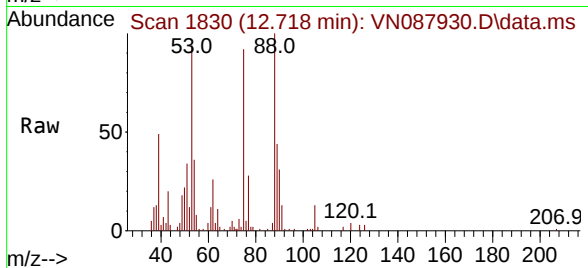
Tgt Ion:105 Resp: 269309
Ion Ratio Lower Upper
105 100
120 48.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.443 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

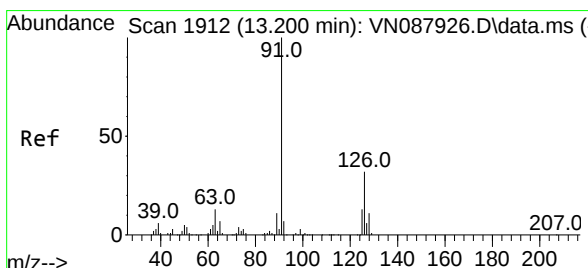
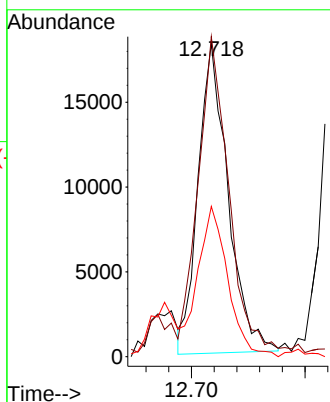
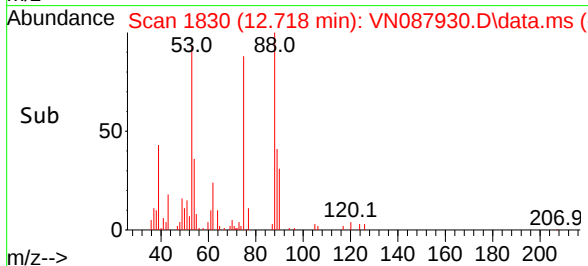
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 33450
Ion Ratio Lower Upper
75 100
53 104.6 82.0 123.0
89 49.0 36.1 54.1

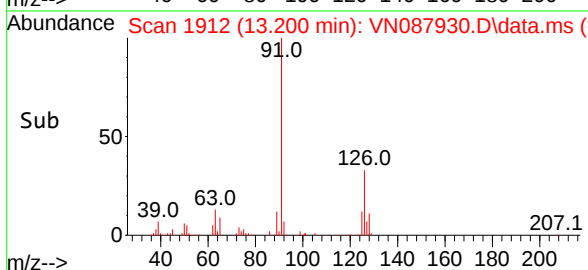
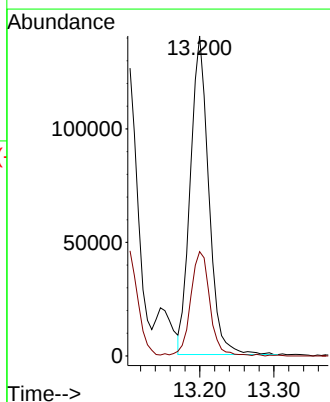
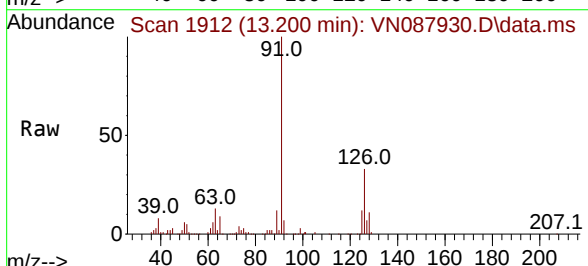
Manual Integrations
APPROVED

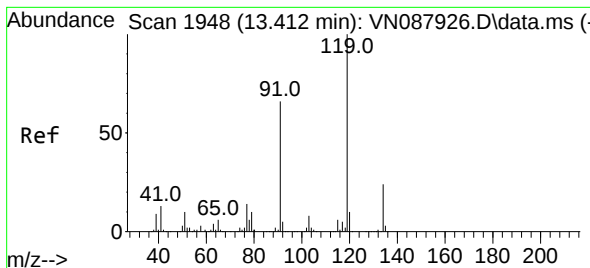
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 23.119 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion: 91 Resp: 241534
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6





#83

tert-Butylbenzene

Concen: 22.753 ug/l

RT: 13.417 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

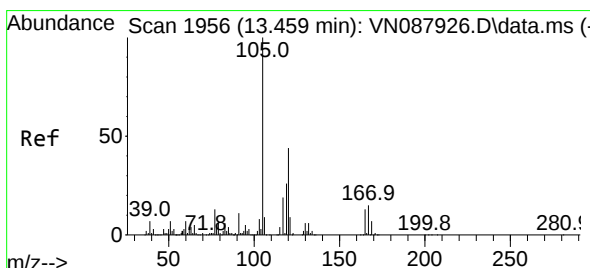
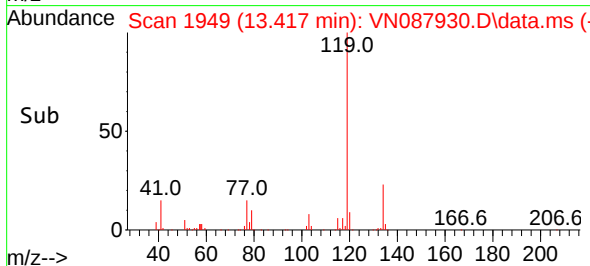
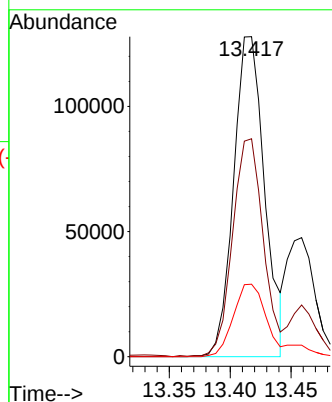
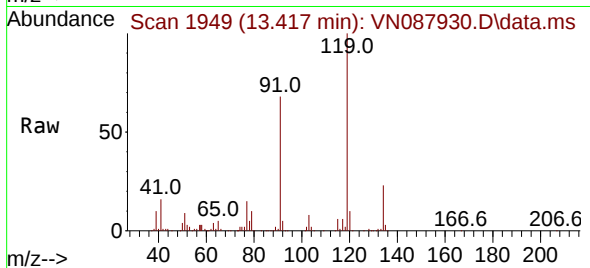
Tgt Ion:	119	Resp:	226878
Ion Ratio	Lower	Upper	
119	100		
91	67.6	32.1	96.3
134	26.6	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 22.561 ug/l

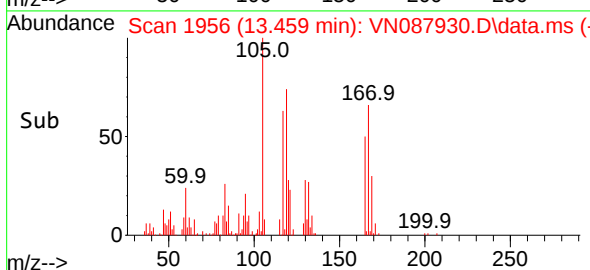
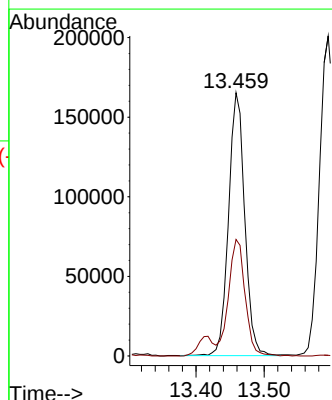
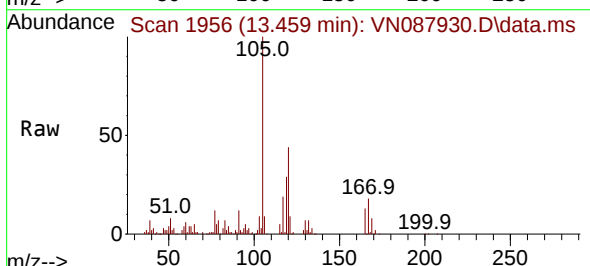
RT: 13.459 min Scan# 1956

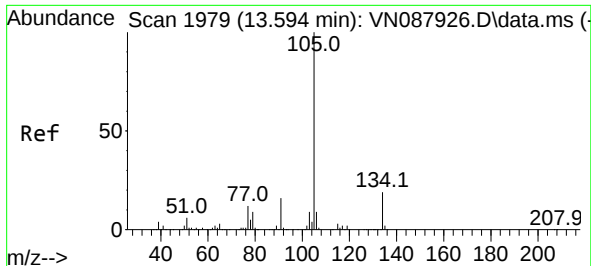
Delta R.T. 0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

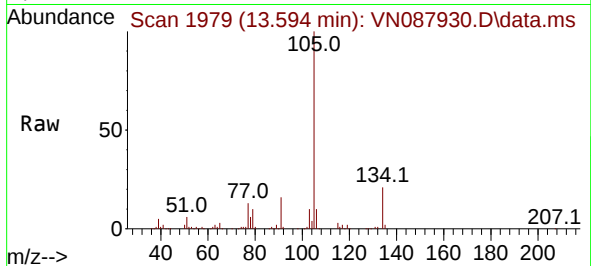
Tgt Ion:	105	Resp:	272614
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.4	67.3





#85
 sec-Butylbenzene
 Concen: 22.462 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

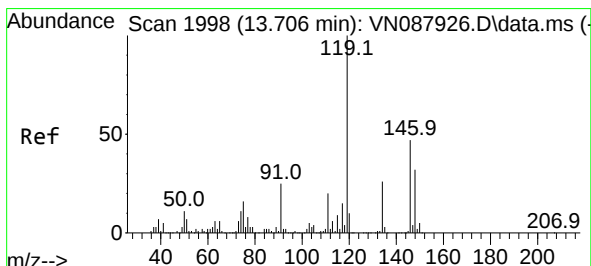
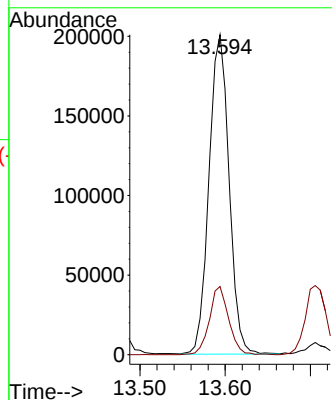
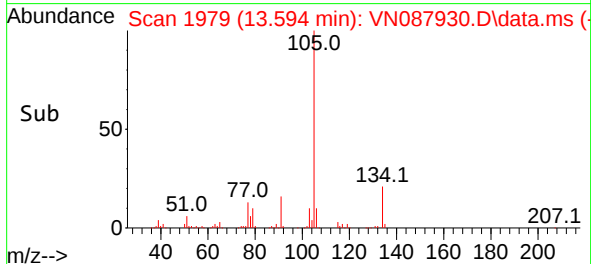
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



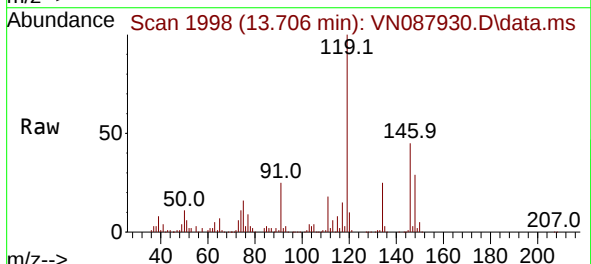
Tgt Ion:105 Resp: 328389
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.6 28.8

Manual Integrations
 APPROVED

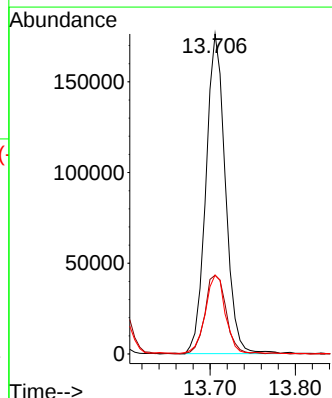
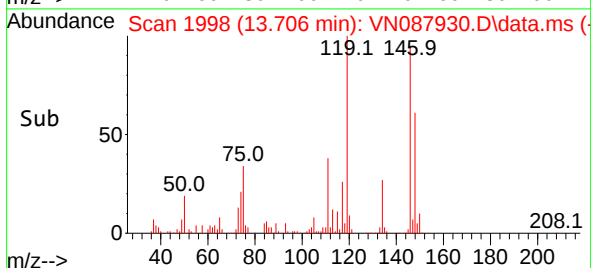
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

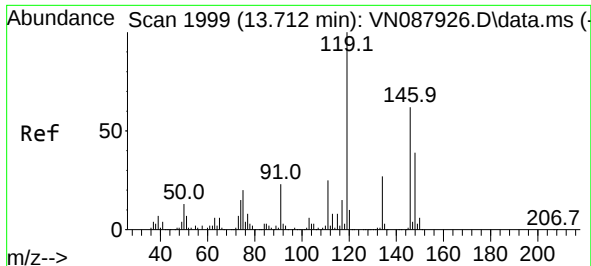


#86
 p-Isopropyltoluene
 Concen: 22.547 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47



Tgt Ion:119 Resp: 279181
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 26.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 22.349 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

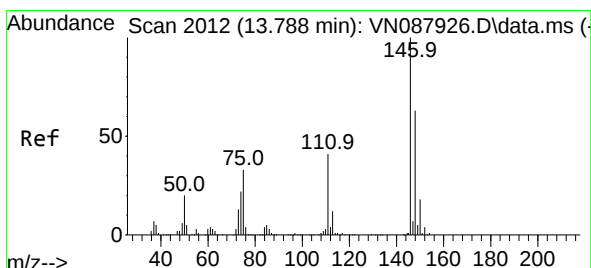
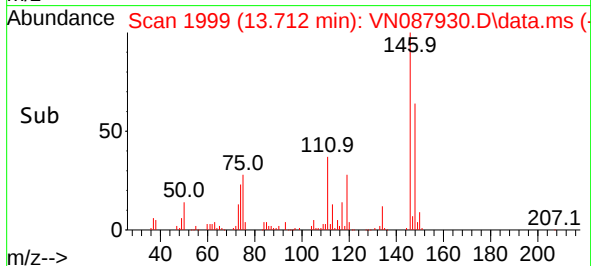
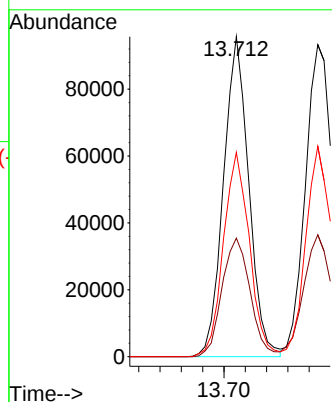
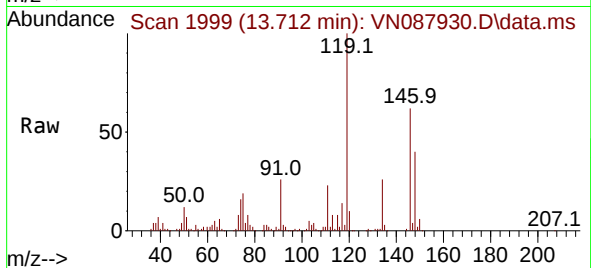
Tgt Ion:146 Resp: 158040
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 60.8
 148 65.7 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#88

1,4-Dichlorobenzene

Concen: 22.835 ug/l

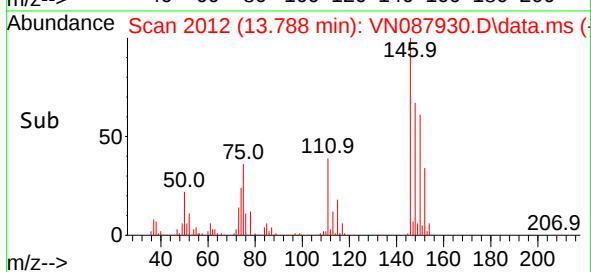
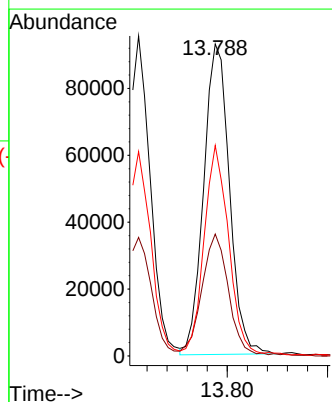
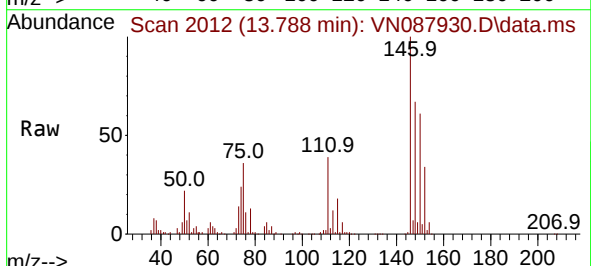
RT: 13.788 min Scan# 2012

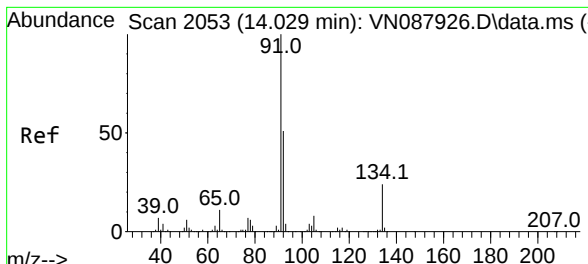
Delta R.T. -0.000 min

Lab File: VN087930.D

Acq: 23 Sep 2025 11:47

Tgt Ion:146 Resp: 165954
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.5
 148 64.7 32.8 98.4





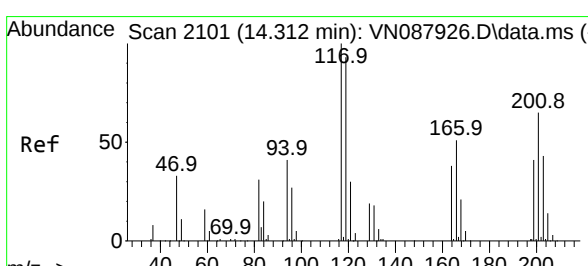
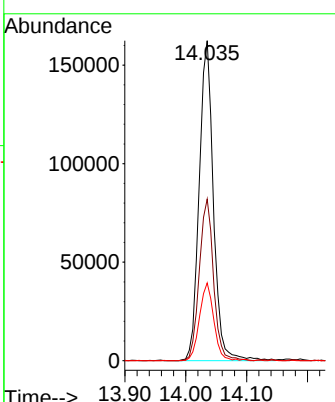
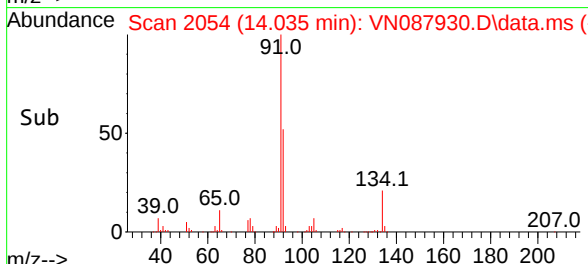
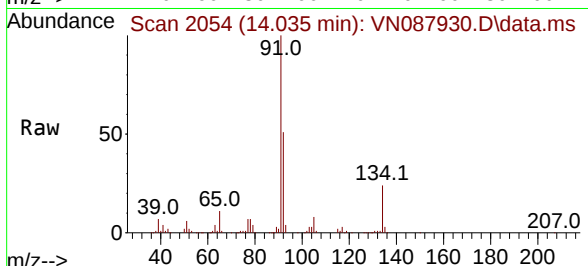
#89
 n-Butylbenzene
 Concen: 22.550 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.006 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

Instrument : MSVOA_N
 ClientSampleId : VSTDIC020

Tgt Ion:	91	Resp:	26387
Ion Ratio	Lower	Upper	
91	100		
92	50.6	25.9	77.8
134	24.6	12.6	37.8

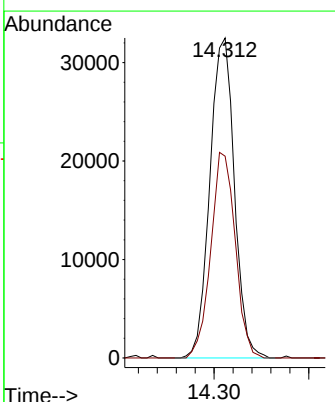
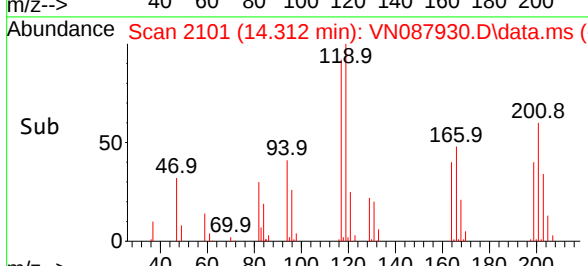
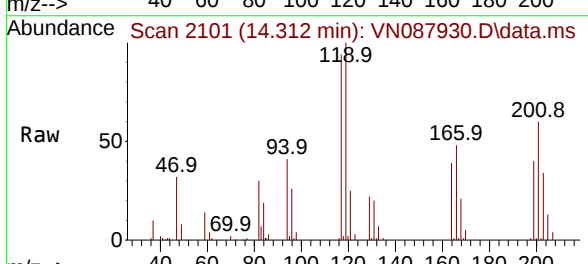
Manual Integrations
 APPROVED

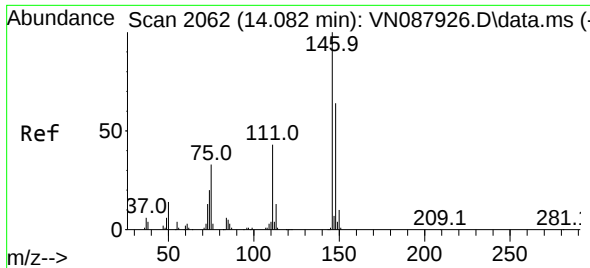
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#90
 Hexachloroethane
 Concen: 22.590 ug/l
 RT: 14.312 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

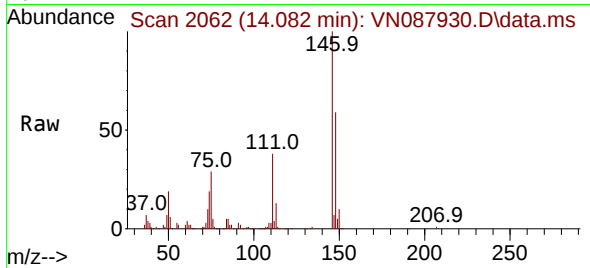
Tgt Ion:	117	Resp:	58428
Ion Ratio	Lower	Upper	
117	100		
201	64.1	33.6	100.6





#91
1,2-Dichlorobenzene
Concen: 22.902 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

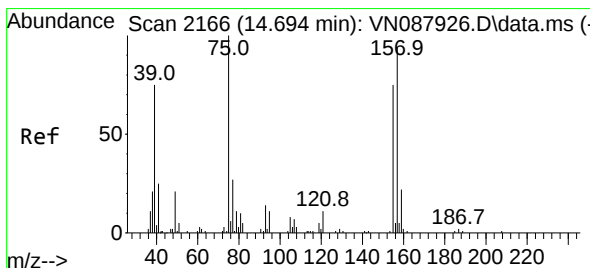
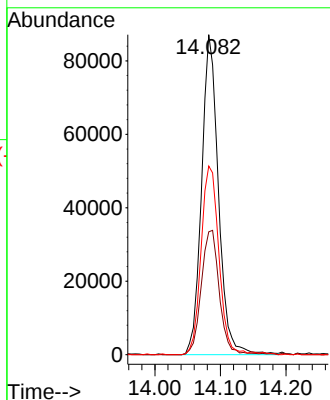
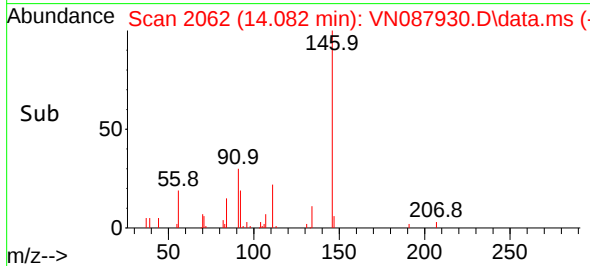
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



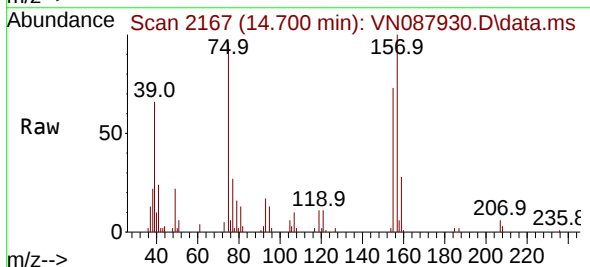
Tgt Ion:146 Resp: 156108
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.7
148 62.8 31.9 95.9

Manual Integrations
APPROVED

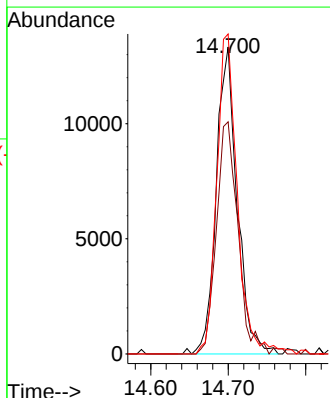
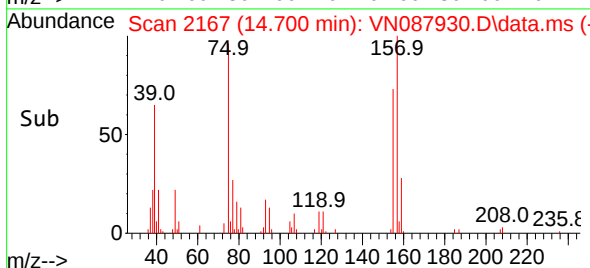
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

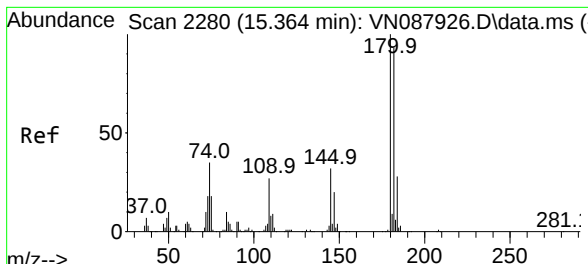


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.009 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47



Tgt Ion: 75 Resp: 25095
Ion Ratio Lower Upper
75 100
155 77.5 40.2 120.6
157 102.1 50.9 152.7





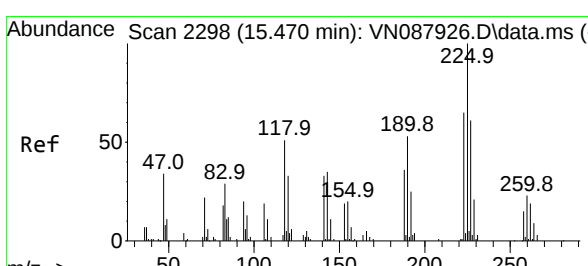
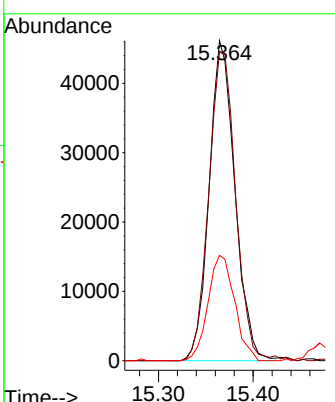
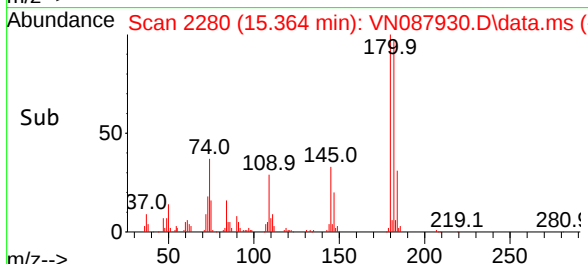
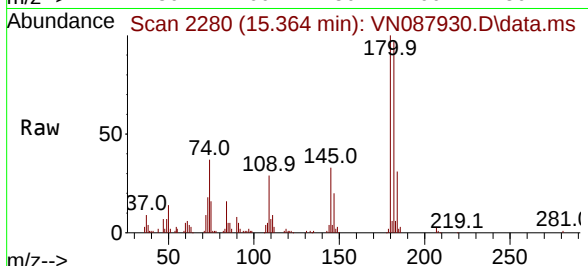
#93
 1,2,4-Trichlorobenzene
 Concen: 21.654 ug/l
 RT: 15.364 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

Instrument : MSVOA_N
 ClientSampleId : VSTDIC020

Tgt Ion:180	Resp: 8714
Ion Ratio	Lower Upper
180	100
182	101.1 48.5 145.5
145	34.0 15.9 47.6

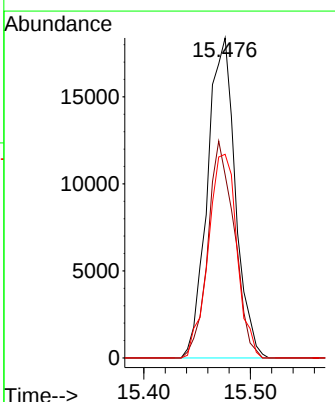
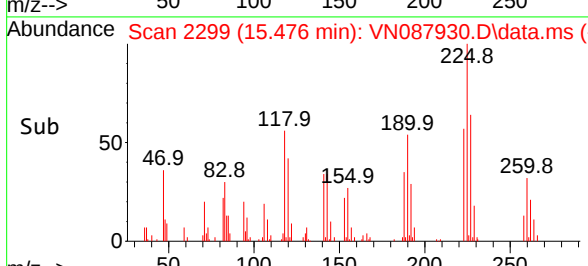
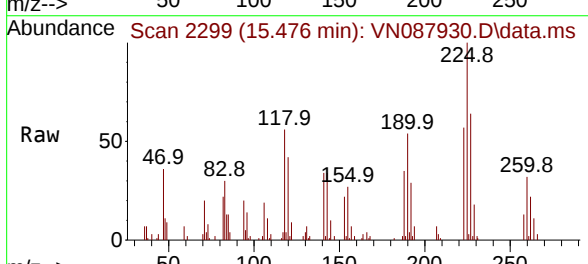
Manual Integrations
 APPROVED

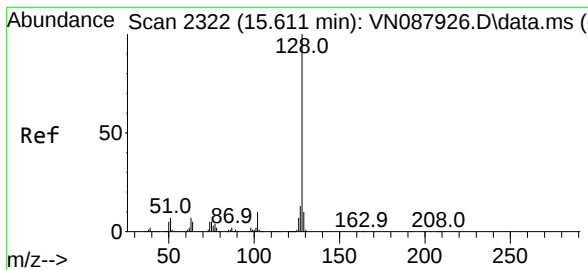
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#94
 Hexachlorobutadiene
 Concen: 22.586 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.006 min
 Lab File: VN087930.D
 Acq: 23 Sep 2025 11:47

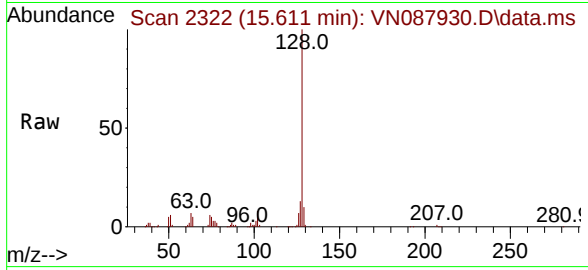
Tgt Ion:225	Resp: 33457
Ion Ratio	Lower Upper
225	100
223	64.1 31.8 95.4
227	65.5 31.9 95.9





#95
Naphthalene
Concen: 22.053 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

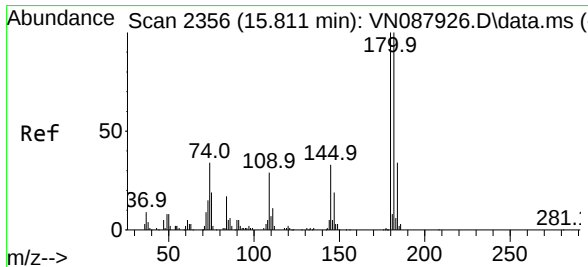
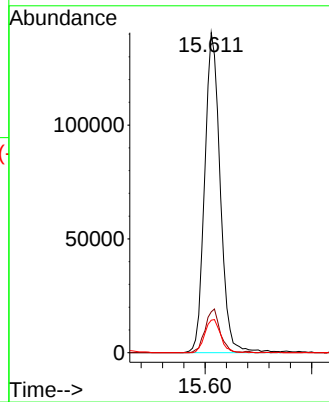
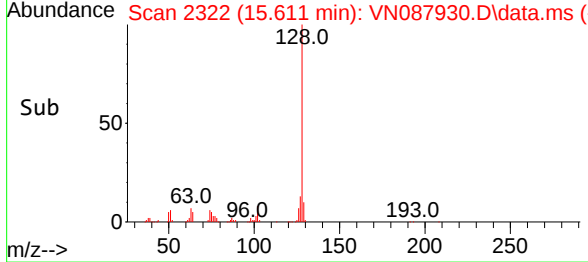
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 284895
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 22.922 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087930.D
Acq: 23 Sep 2025 11:47

Tgt Ion:180 Resp: 89684
Ion Ratio Lower Upper
180 100
182 93.5 47.3 142.0
145 33.3 16.1 48.3

