

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
 Data File : VN087993.D
 Acq On : 30 Sep 2025 11:28
 Operator : JC\MD
 Sample : VN0930MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Oct 01 04:39:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	219247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	405522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	376014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	182048	49.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.680%		
35) Dibromofluoromethane	8.147	113	139022	47.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	10.547	98	487572	47.090	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.829	95	173088	46.768	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	50440	19.866	ug/l	97
3) Chloromethane	2.383	50	50994	19.615	ug/l	95
4) Vinyl Chloride	2.536	62	51626	19.464	ug/l	98
5) Bromomethane	2.977	94	33843	20.582	ug/l	88
6) Chloroethane	3.136	64	36953	21.427	ug/l	99
7) Trichlorofluoromethane	3.506	101	88132	20.408	ug/l	99
8) Diethyl Ether	3.959	74	34767	21.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	49224	21.566	ug/l	98
10) Methyl Iodide	4.583	142	45850	22.320	ug/l	99
11) Tert butyl alcohol	5.524	59	57297	107.812	ug/l #	90
12) 1,1-Dichloroethene	4.336	96	48004	20.844	ug/l	95
13) Acrolein	4.171	56	62282	91.335	ug/l	94
14) Allyl chloride	5.012	41	71298	19.016	ug/l	98
15) Acrylonitrile	5.706	53	173778	104.244	ug/l	100
16) Acetone	4.424	43	160696	105.851	ug/l	99
17) Carbon Disulfide	4.700	76	134578	18.703	ug/l #	91
18) Methyl Acetate	5.018	43	89435	23.540	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	182883	20.328	ug/l	100
20) Methylene Chloride	5.253	84	62508	20.342	ug/l #	91
21) trans-1,2-Dichloroethene	5.771	96	52346	18.541	ug/l #	80
22) Diisopropyl ether	6.659	45	183497	20.965	ug/l	96
23) Vinyl Acetate	6.594	43	800138	108.573	ug/l	96
24) 1,1-Dichloroethane	6.553	63	104564	20.448	ug/l	98
25) 2-Butanone	7.471	43	242156	104.360	ug/l	99
26) 2,2-Dichloropropane	7.477	77	91436	20.126	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	64268	19.131	ug/l	98
28) Bromochloromethane	7.800	49	49348	17.762	ug/l	96
29) Tetrahydrofuran	7.830	42	154787	104.179	ug/l	98
30) Chloroform	7.953	83	113415	20.285	ug/l	100
31) Cyclohexane	8.236	56	81296	19.648	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	97872	20.716	ug/l	93
36) 1,1-Dichloropropene	8.353	75	71432	20.176	ug/l	99
37) Ethyl Acetate	7.553	43	92540	19.905	ug/l	98
38) Carbon Tetrachloride	8.341	117	78245	19.260	ug/l	95
39) Methylcyclohexane	9.582	83	75700	19.383	ug/l	98
40) Benzene	8.588	78	228939	19.530	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	50109	20.856	ug/l	96
42) 1,2-Dichloroethane	8.653	62	84790	19.383	ug/l	100
43) Isopropyl Acetate	8.677	43	147673	20.179	ug/l	99
44) Trichloroethene	9.335	130	54887	19.602	ug/l	94
45) 1,2-Dichloropropane	9.606	63	55534	18.893	ug/l	98
46) Dibromomethane	9.688	93	45798	19.745	ug/l	95
47) Bromodichloromethane	9.871	83	90982	19.999	ug/l #	91
48) Methyl methacrylate	9.665	41	68094	20.093	ug/l	96
49) 1,4-Dioxane	9.682	88	21799	435.420	ug/l #	81
51) 4-Methyl-2-Pentanone	10.424	43	475892	104.216	ug/l	99
52) Toluene	10.612	92	144227	19.606	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	91190	19.586	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	94111	19.462	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	61800	20.662	ug/l	89
56) Ethyl methacrylate	10.859	69	81922	18.955	ug/l	98
57) 1,3-Dichloropropane	11.147	76	99505	20.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	250347	123.199	ug/l	98
59) 2-Hexanone	11.182	43	300096	99.389	ug/l	97
60) Dibromochloromethane	11.341	129	68220	19.399	ug/l	99
61) 1,2-Dibromoethane	11.447	107	63920	20.187	ug/l	98
64) Tetrachloroethene	11.082	164	44801	19.560	ug/l	97
65) Chlorobenzene	11.871	112	162899	20.358	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	60261	20.883	ug/l	98
67) Ethyl Benzene	11.941	91	258768	19.380	ug/l	98
68) m/p-Xylenes	12.053	106	199153	39.000	ug/l	98
69) o-Xylene	12.376	106	95687	19.504	ug/l	99
70) Styrene	12.394	104	160966	19.104	ug/l	97
71) Bromoform	12.559	173	46088	19.686	ug/l #	95
73) Isopropylbenzene	12.676	105	241679	19.247	ug/l	98
74) N-amyl acetate	12.676	43	76174m	18.412	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	96005	21.220	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	92276m	23.106	ug/l	
77) Bromobenzene	12.959	156	65260	19.534	ug/l	98
78) n-propylbenzene	13.012	91	312586	19.911	ug/l	99
79) 2-Chlorotoluene	13.106	91	189516	19.826	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	211786	19.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	25994	18.074	ug/l	94
82) 4-Chlorotoluene	13.200	91	194823	20.227	ug/l	100
83) tert-Butylbenzene	13.418	119	181542	19.748	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	211578	18.992	ug/l	99
85) sec-Butylbenzene	13.594	105	270313	20.056	ug/l	98
86) p-Isopropyltoluene	13.706	119	217208	19.028	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	124450	19.089	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	131308	19.598	ug/l	100
89) n-Butylbenzene	14.035	91	211145	19.572	ug/l	99
90) Hexachloroethane	14.312	117	45323	19.007	ug/l	100
91) 1,2-Dichlorobenzene	14.088	146	119432	19.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21696	20.639	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	72221	19.464	ug/l	98
94) Hexachlorobutadiene	15.476	225	26774	19.605	ug/l	97
95) Naphthalene	15.617	128	222793	18.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	70411	19.520	ug/l	97

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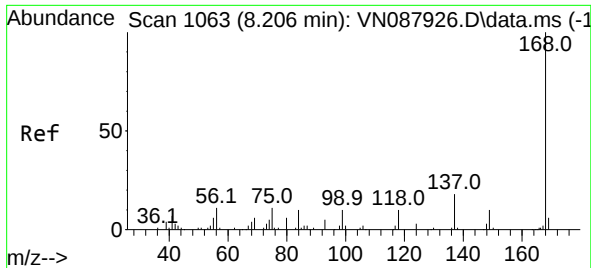
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APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

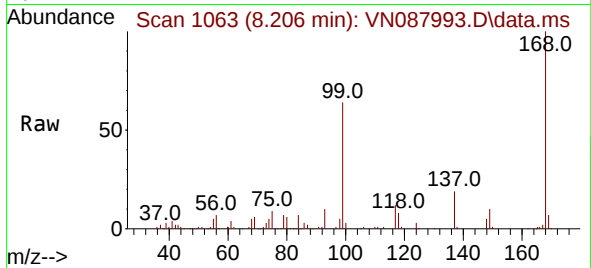
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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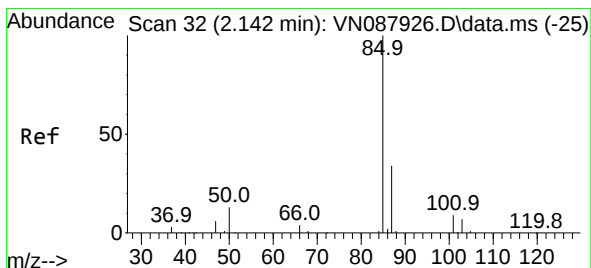
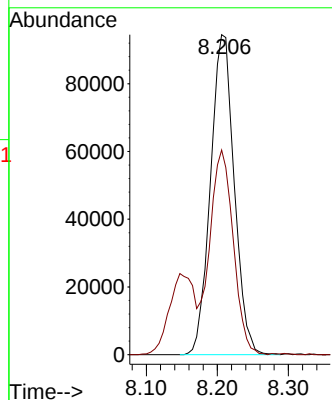
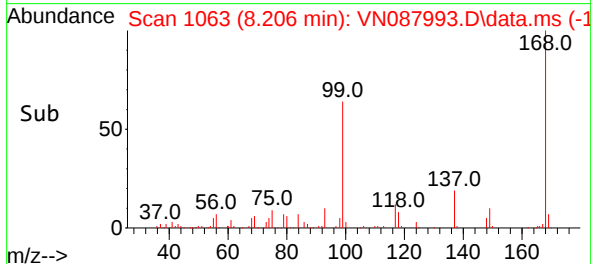
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion:168 Resp: 21924
Ion Ratio Lower Upper
168 100
99 63.7 52.2 78.2

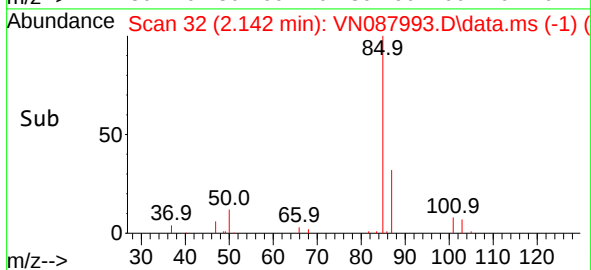
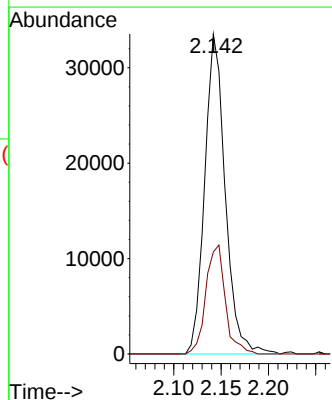
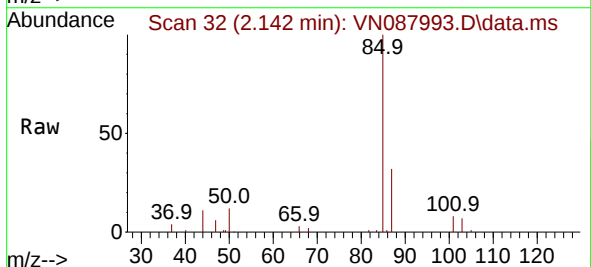
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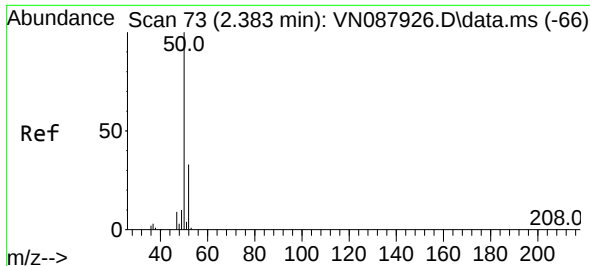
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#2
Dichlorodifluoromethane
Concen: 19.866 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

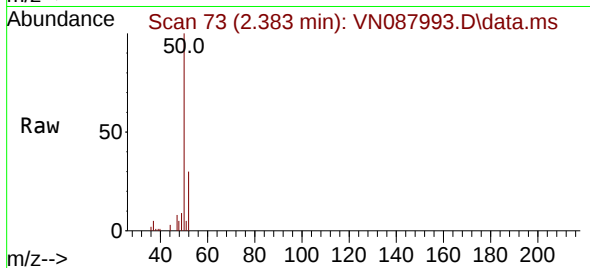
Tgt Ion: 85 Resp: 50440
Ion Ratio Lower Upper
85 100
87 31.8 16.9 50.6





#3
Chloromethane
Concen: 19.615 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

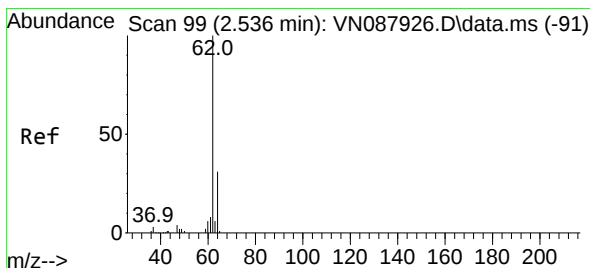
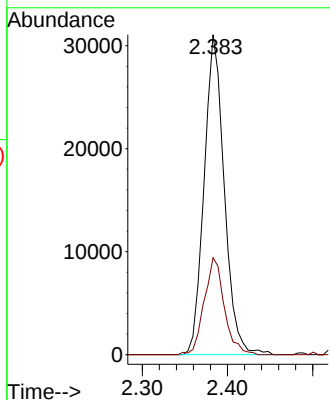
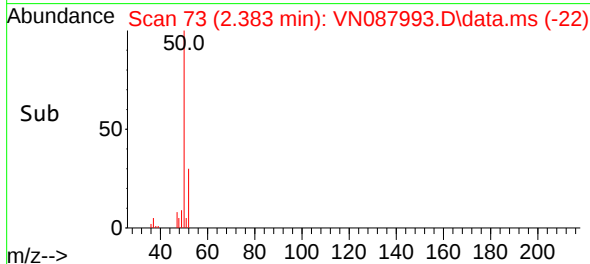
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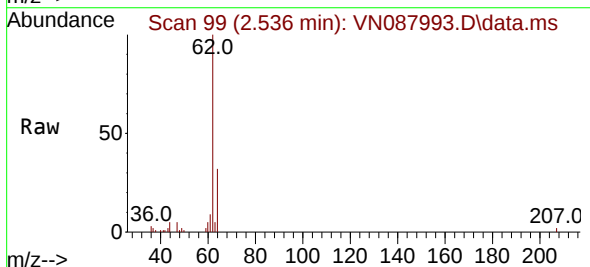
Tgt Ion: 50 Resp: 50994
Ion Ratio Lower Upper
50 100
52 30.3 26.6 40.0

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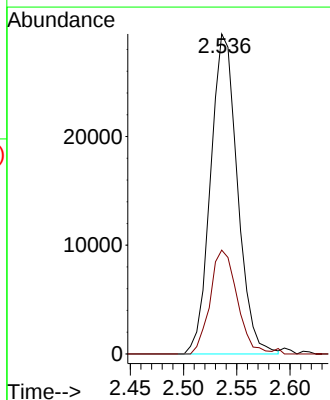
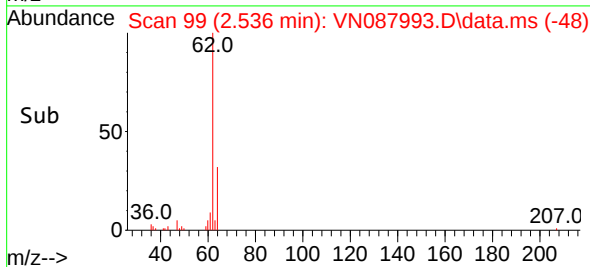
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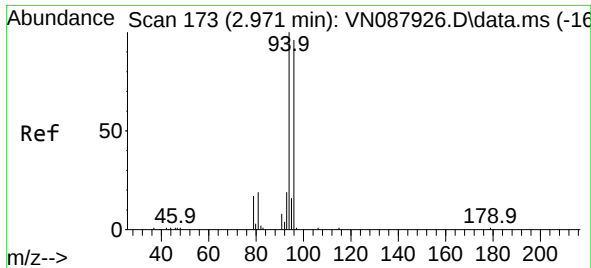


#4
Vinyl Chloride
Concen: 19.464 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



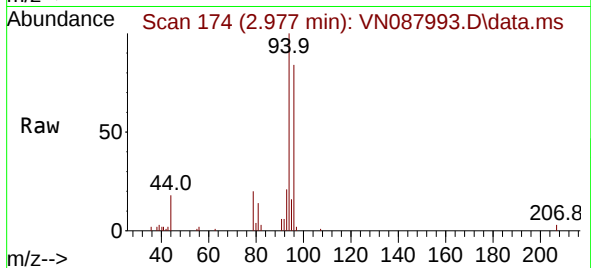
Tgt Ion: 62 Resp: 51626
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5
Bromomethane
Concen: 20.582 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087993.D
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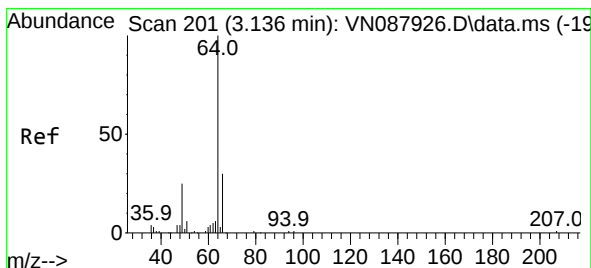
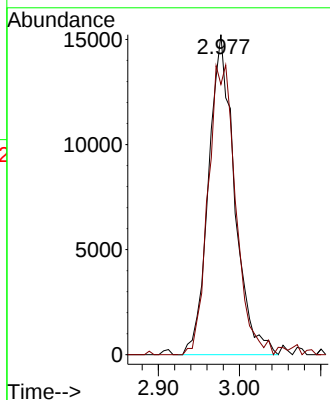
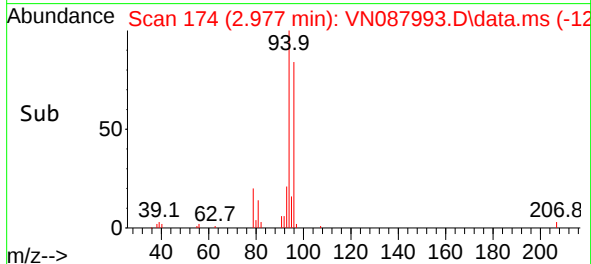
Instrument :
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Tgt Ion: 94 Resp: 3384
Ion Ratio Lower Upper
94 100
96 84.5 76.8 115.2

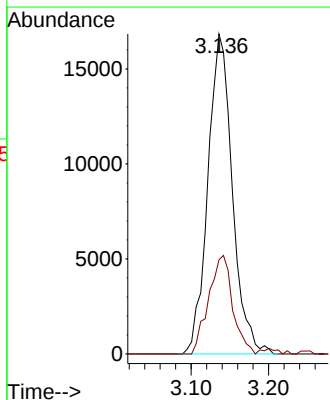
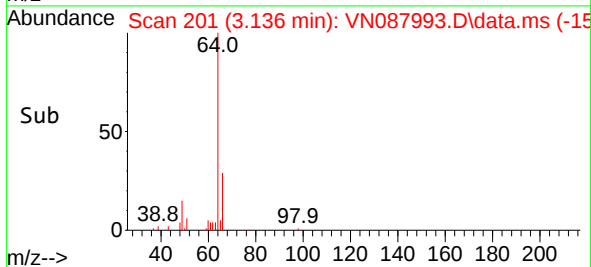
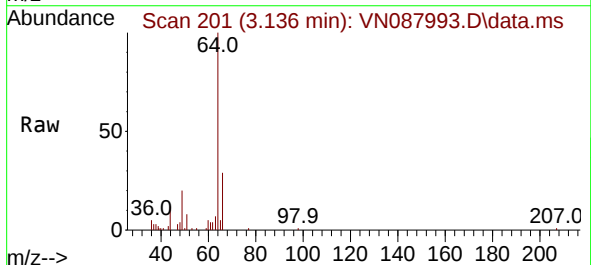
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#6
Chloroethane
Concen: 21.427 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion: 64 Resp: 36953
Ion Ratio Lower Upper
64 100
66 29.5 23.8 35.8





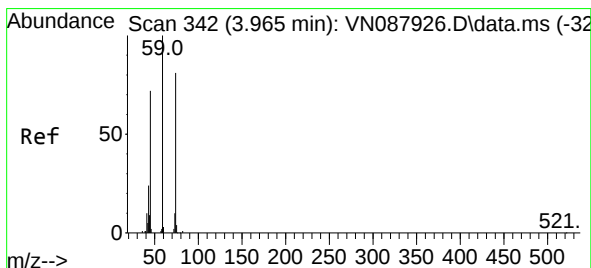
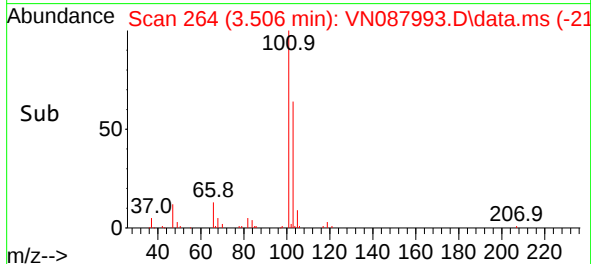
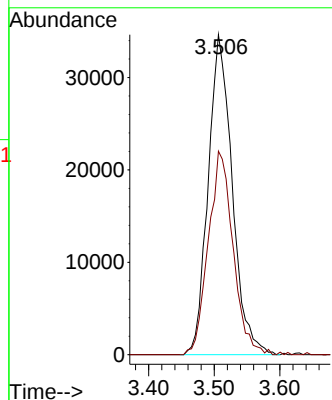
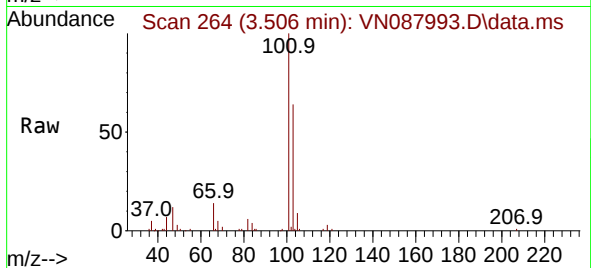
#7
Trichlorofluoromethane
Concen: 20.408 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

Tgt Ion:101 Resp: 8813
Ion Ratio Lower Upper
101 100
103 63.6 50.2 75.4

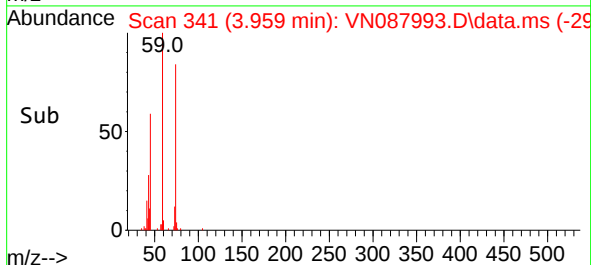
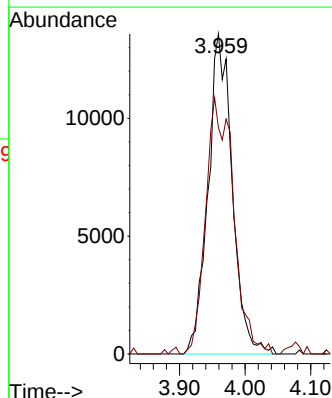
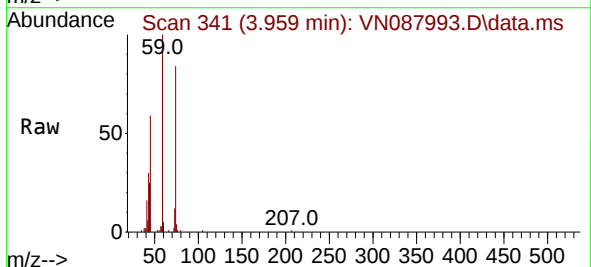
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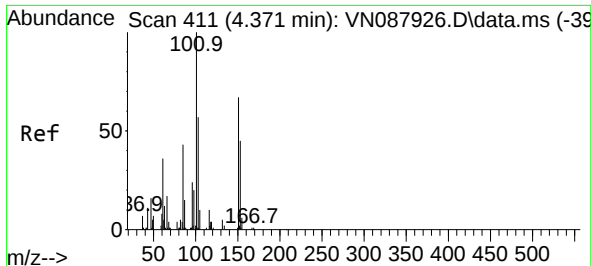
Reviewed By :John Carlone 10/01/2025
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#8
Diethyl Ether
Concen: 21.310 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion: 74 Resp: 34767
Ion Ratio Lower Upper
74 100
45 92.4 45.4 136.1





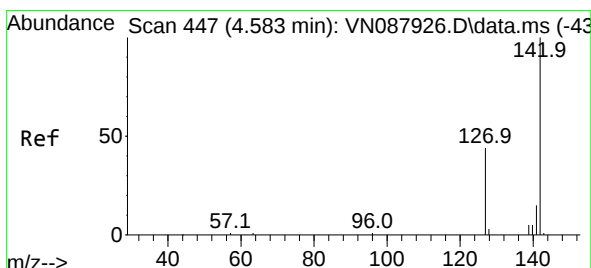
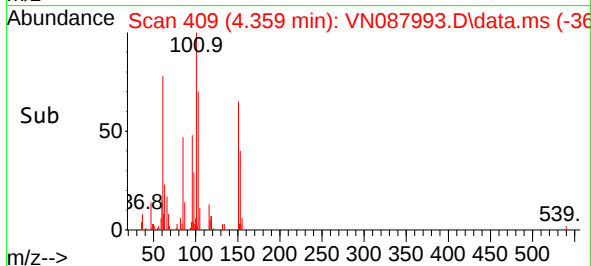
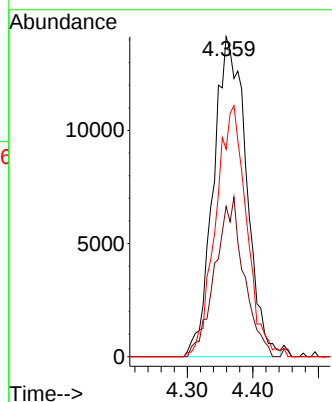
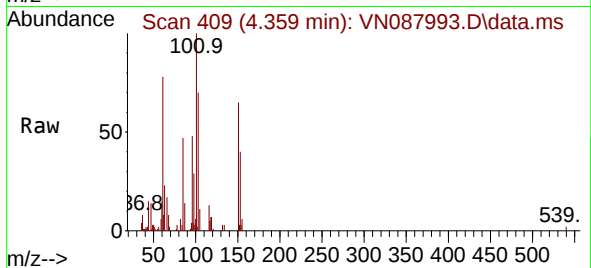
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.566 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

Tgt Ion:101 Resp: 49224
Ion Ratio Lower Upper
101 100
85 44.0 36.5 54.7
151 74.0 58.6 87.8

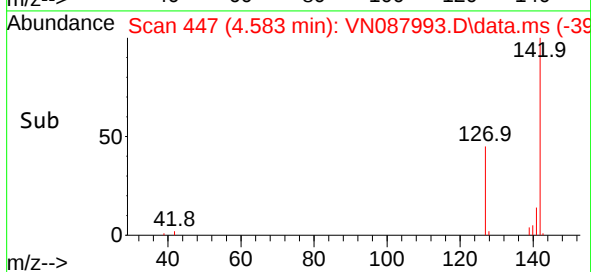
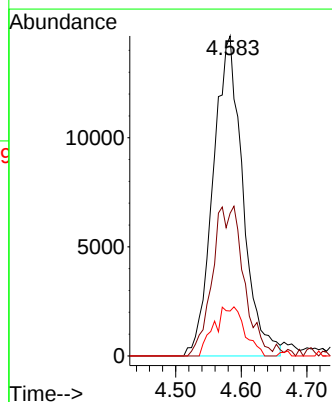
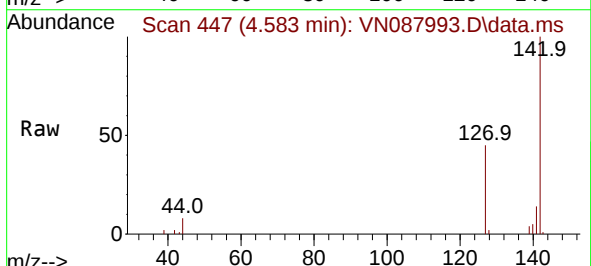
Manual Integrations
APPROVED

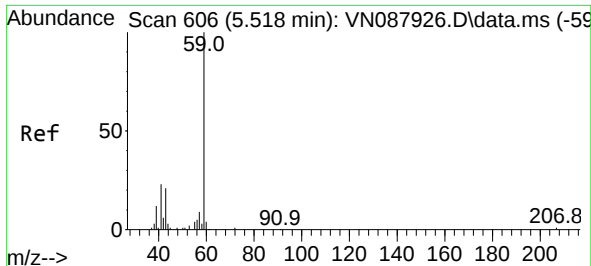
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 22.320 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

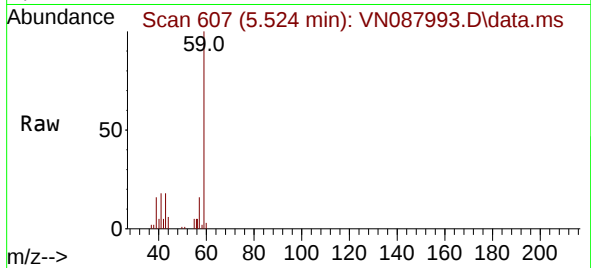
Tgt Ion:142 Resp: 45850
Ion Ratio Lower Upper
142 100
127 44.6 35.3 52.9
141 14.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 107.812 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

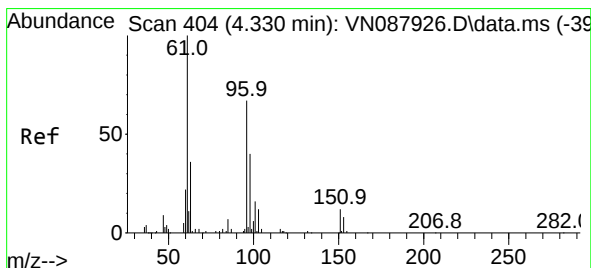
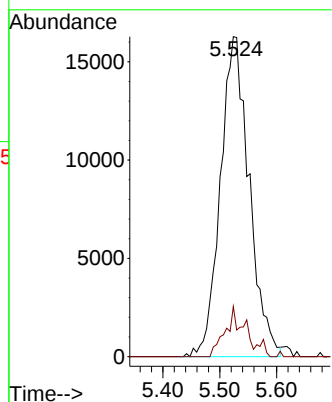
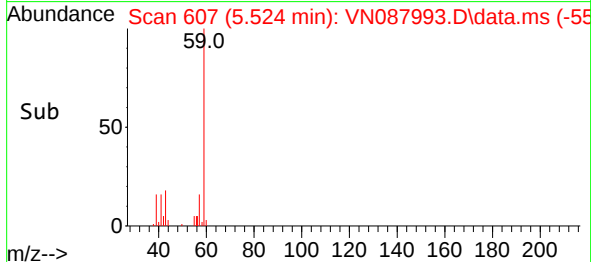
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



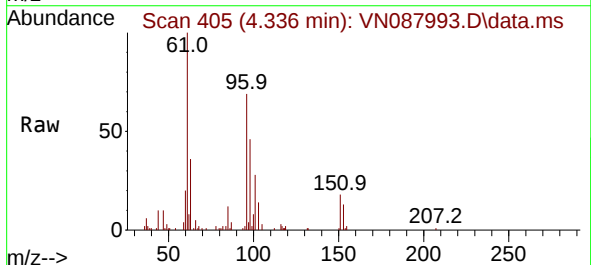
Tgt Ion: 59 Resp: 5729
Ion Ratio Lower Upper
59 100
57 7.0 8.8 13.2

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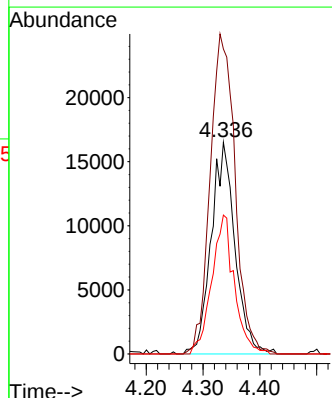
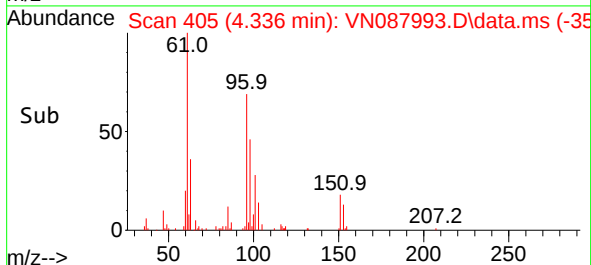
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

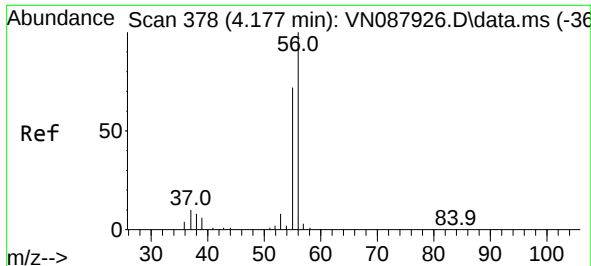


#12
1,1-Dichloroethene
Concen: 20.844 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



Tgt Ion: 96 Resp: 48004
Ion Ratio Lower Upper
96 100
61 144.0 119.2 178.8
98 65.6 47.5 71.3





#13

Acrolein

Concen: 91.335 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

Tgt Ion: 56 Resp: 6228

Ion Ratio Lower Upper

56 100

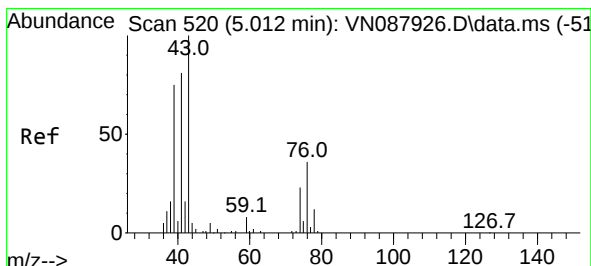
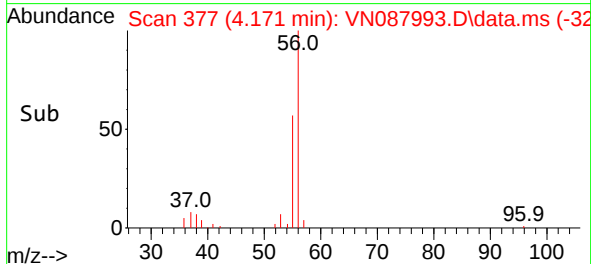
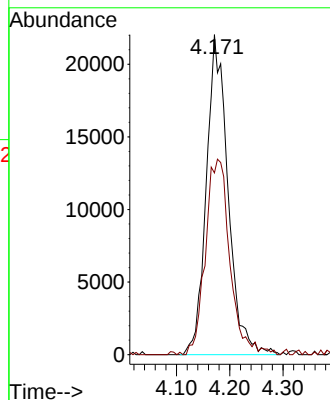
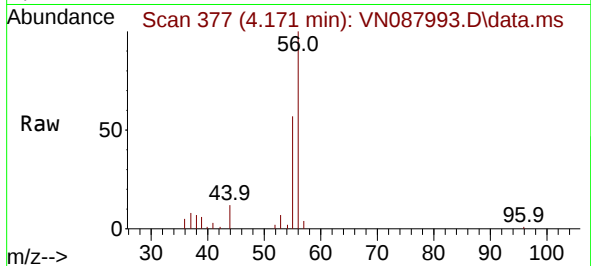
55 68.9 59.3 88.9

Manual Integrations

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Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#14

Allyl chloride

Concen: 19.016 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

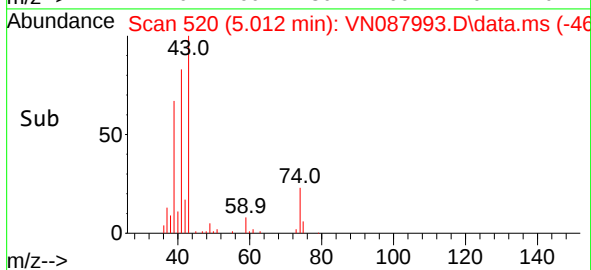
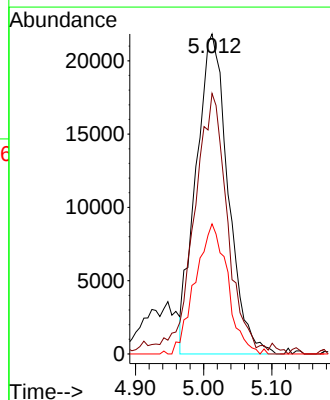
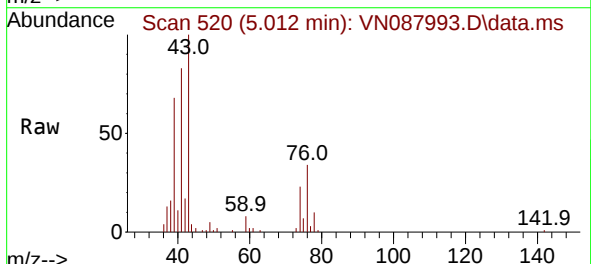
Tgt Ion: 41 Resp: 71298

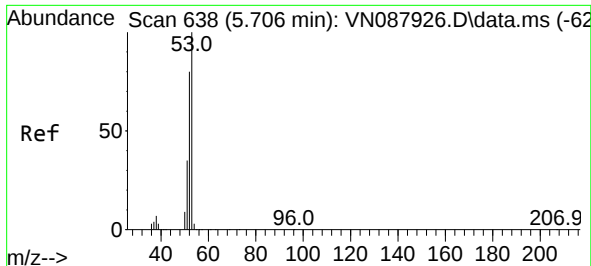
Ion Ratio Lower Upper

41 100

39 82.2 63.8 95.8

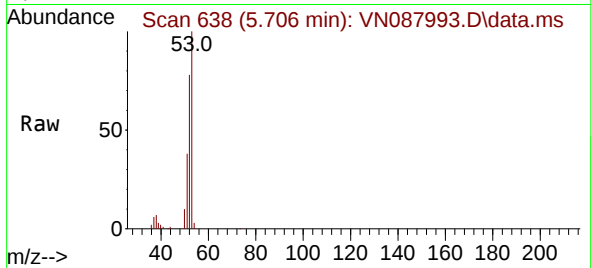
76 41.0 33.0 49.6





#15
Acrylonitrile
Concen: 104.244 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

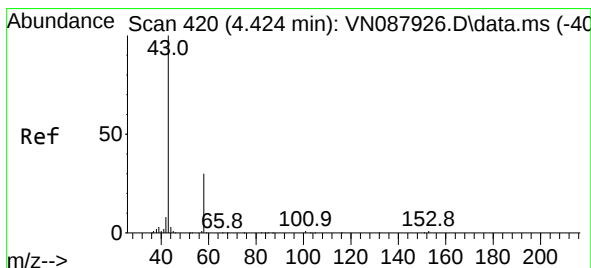
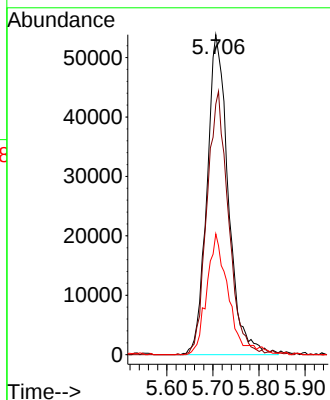
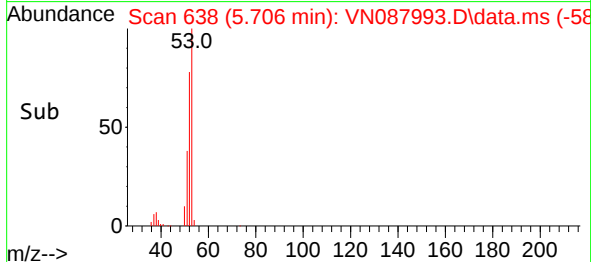
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 53 Resp: 173778
Ion Ratio Lower Upper
53 100
52 82.9 66.6 99.8
51 36.3 29.0 43.4

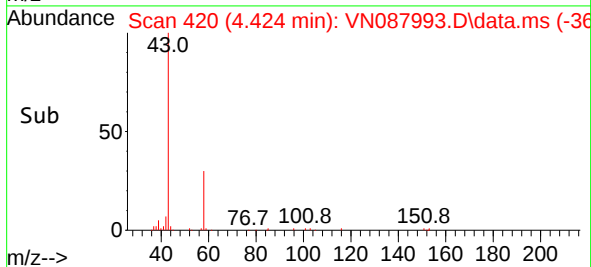
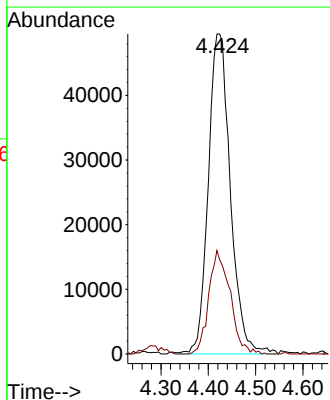
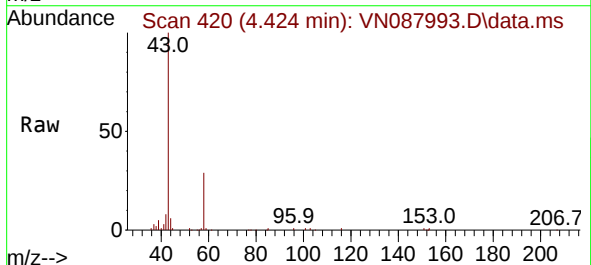
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 105.851 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

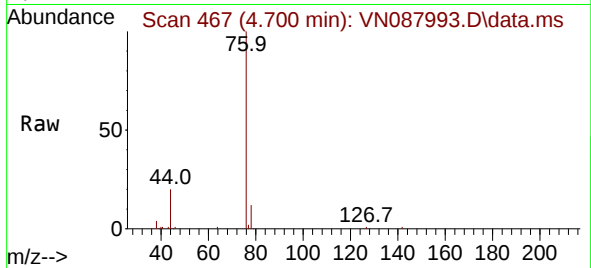
Tgt Ion: 43 Resp: 160696
Ion Ratio Lower Upper
43 100
58 29.5 24.1 36.1





#17
Carbon Disulfide
Concen: 18.703 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

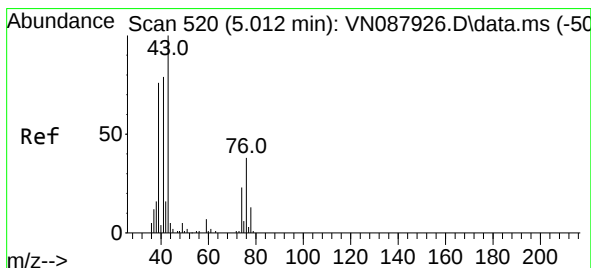
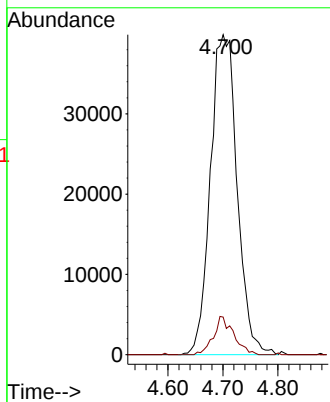
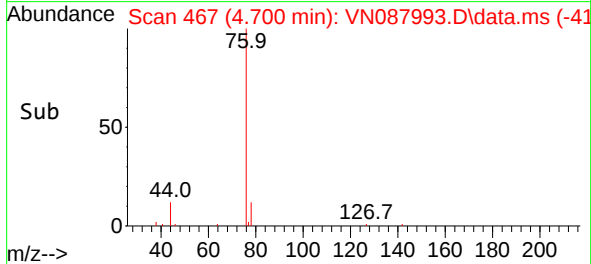
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 76 Resp: 134578
Ion Ratio Lower Upper
76 100
78 11.8 6.7 10.1

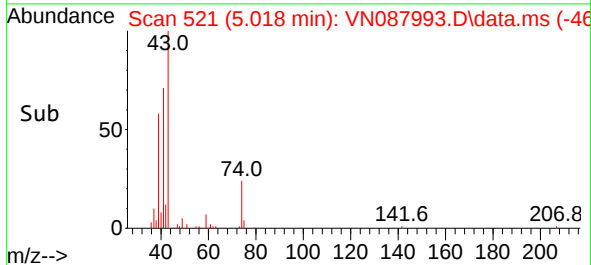
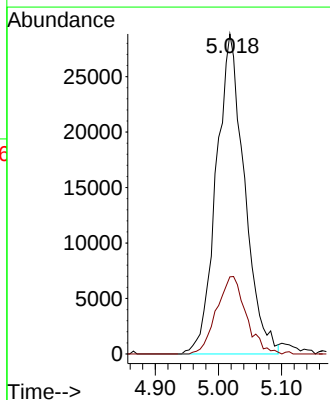
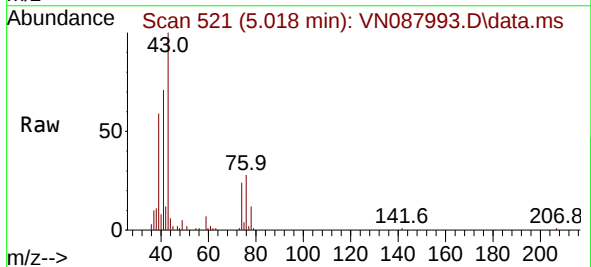
Manual Integrations
APPROVED

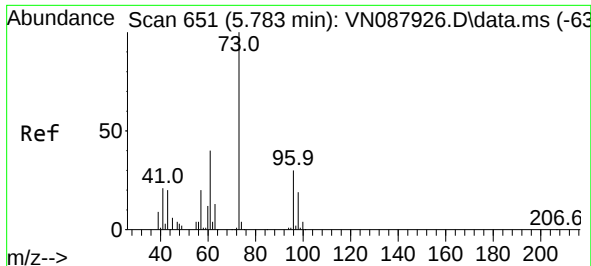
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 23.540 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion: 43 Resp: 89435
Ion Ratio Lower Upper
43 100
74 25.3 19.7 29.5





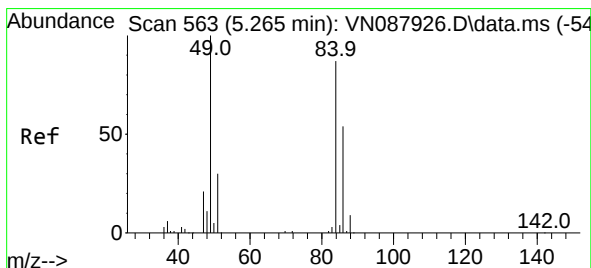
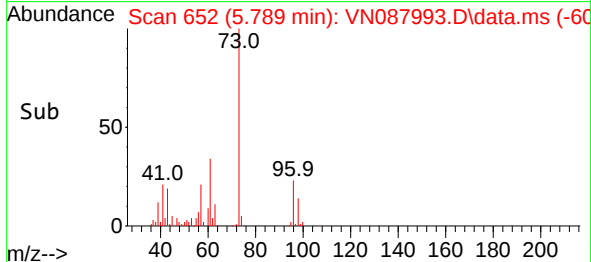
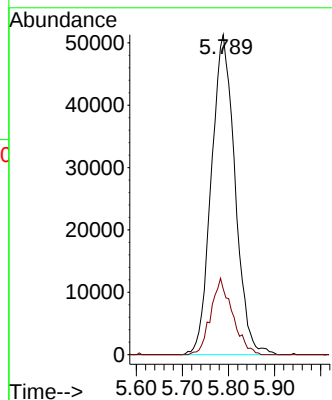
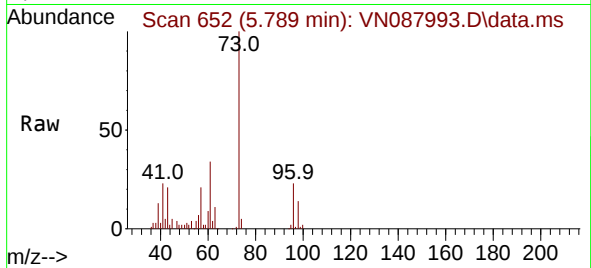
#19
Methyl tert-butyl Ether
Concen: 20.328 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

Tgt Ion: 73 Resp: 18288
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5

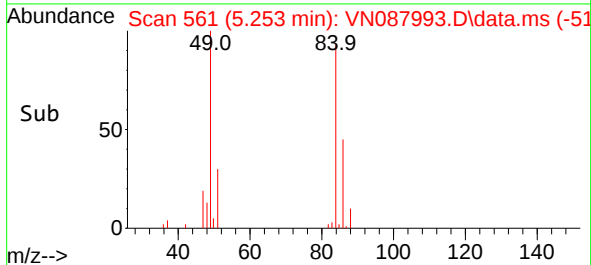
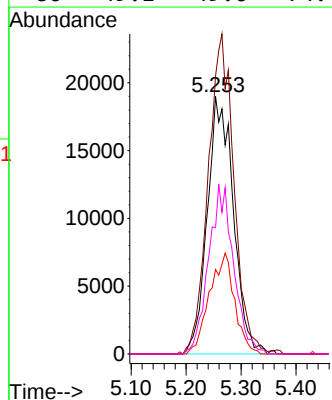
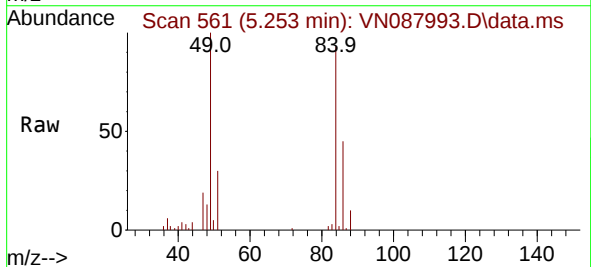
Manual Integrations
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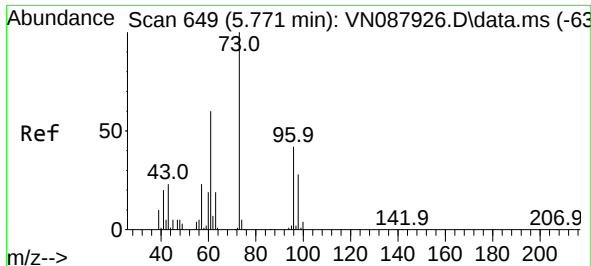
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 20.342 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

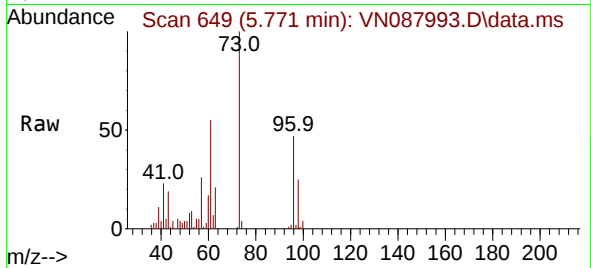
Tgt Ion: 84 Resp: 62508
Ion Ratio Lower Upper
84 100
49 108.0 92.1 138.1
51 32.8 27.7 41.5
86 49.1 49.6 74.4#





#21
trans-1,2-Dichloroethene
Concen: 18.541 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

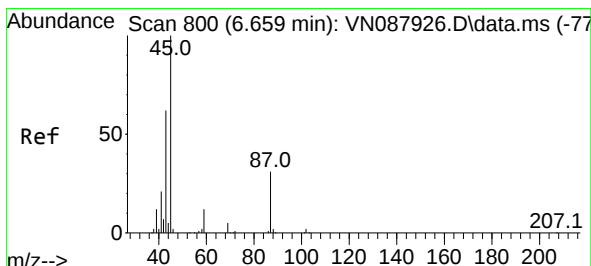
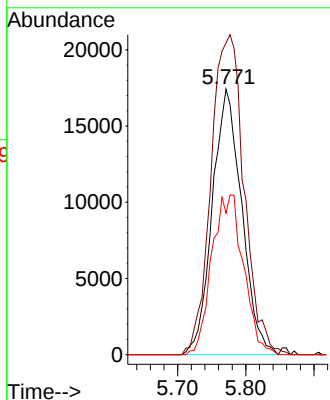
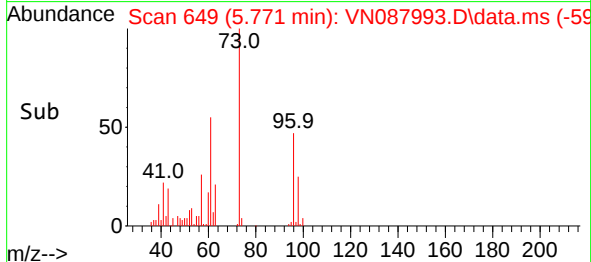
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 96 Resp: 52340
Ion Ratio Lower Upper
96 100
61 117.5 114.4 171.6
98 53.3 53.6 80.4

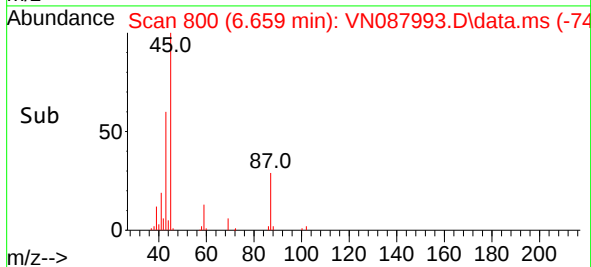
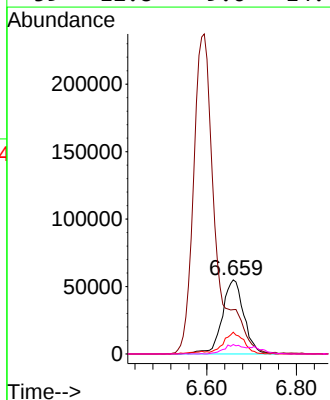
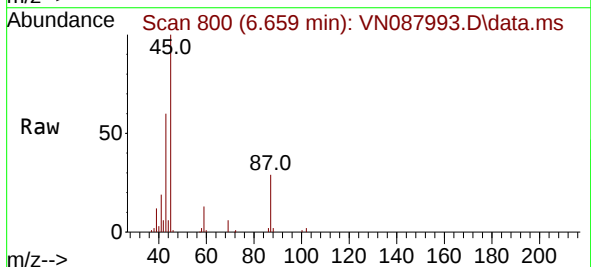
Manual Integrations
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Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 20.965 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

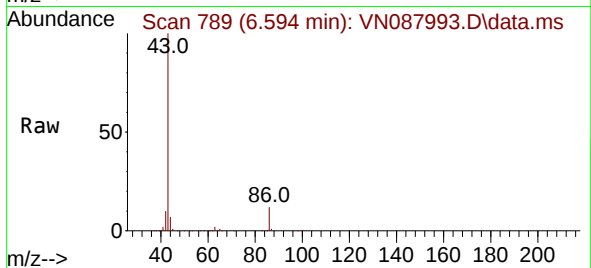
Tgt Ion: 45 Resp: 183497
Ion Ratio Lower Upper
45 100
43 58.9 49.9 74.9
87 29.4 25.2 37.8
59 12.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 108.573 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28

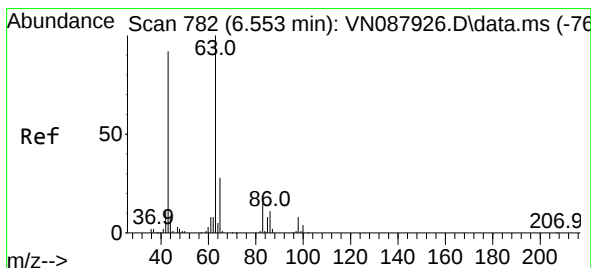
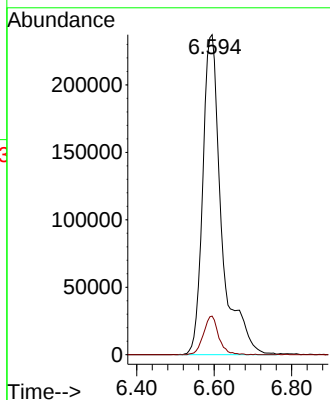
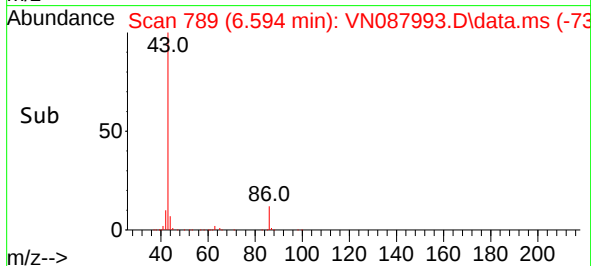
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01



Tgt Ion: 43 Resp: 800138
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.6 12.8

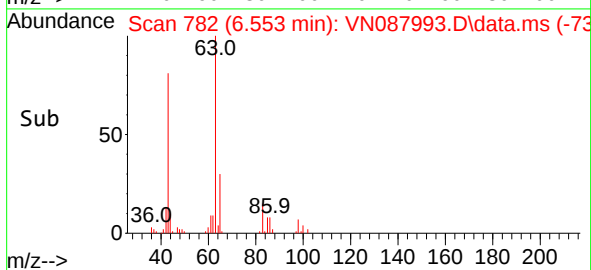
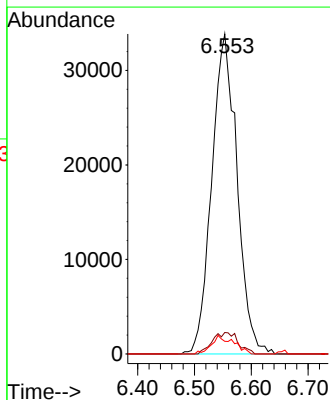
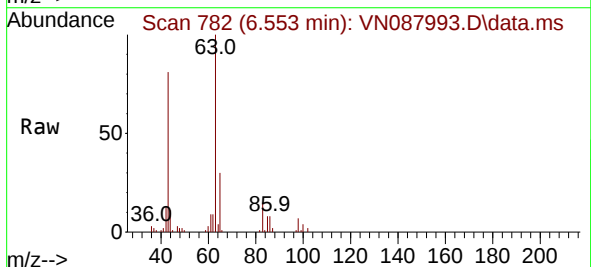
Manual Integrations
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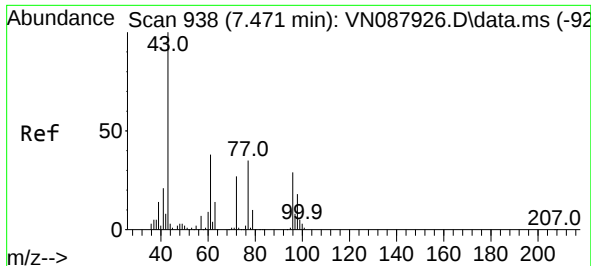
Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#24
 1,1-Dichloroethane
 Concen: 20.448 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28

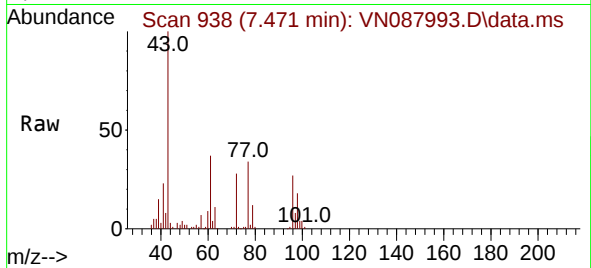
Tgt Ion: 63 Resp: 104564
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.5
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 104.360 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

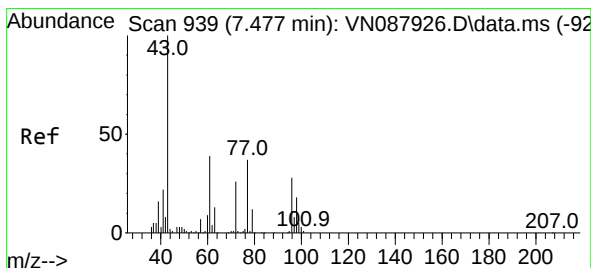
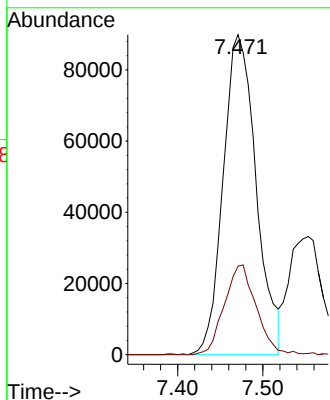
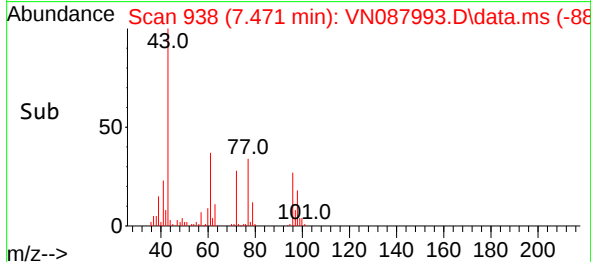
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



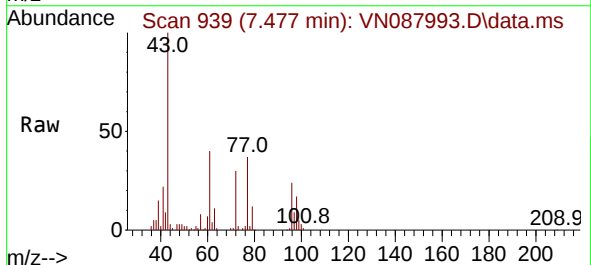
Tgt Ion: 43 Resp: 242156
Ion Ratio Lower Upper
43 100
72 27.7 21.5 32.3

Manual Integrations
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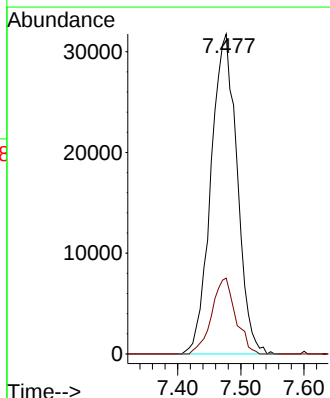
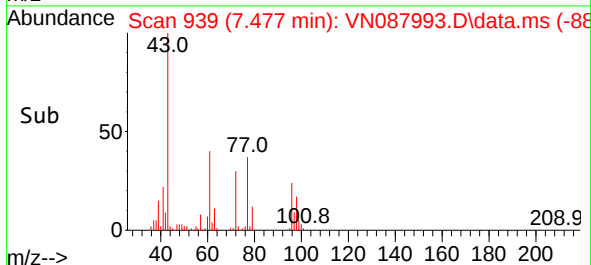
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

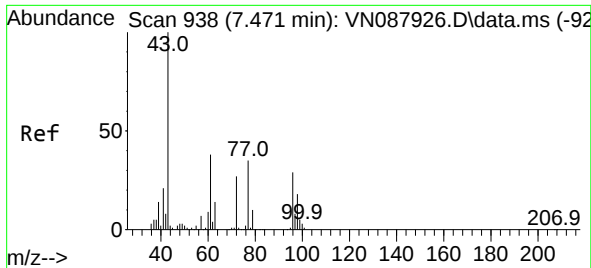


#26
2,2-Dichloropropane
Concen: 20.126 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



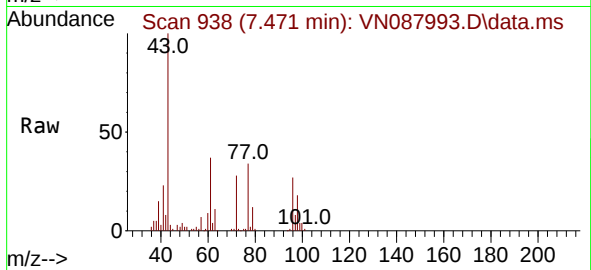
Tgt Ion: 77 Resp: 91436
Ion Ratio Lower Upper
77 100
97 21.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.131 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28

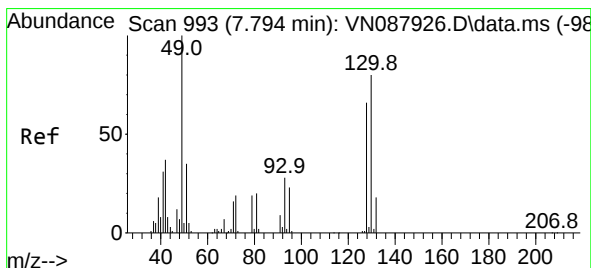
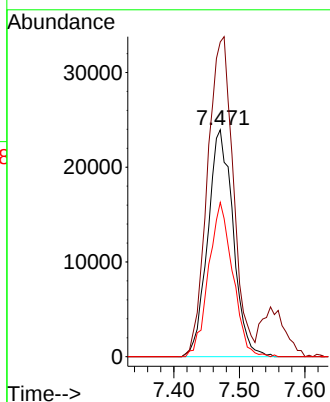
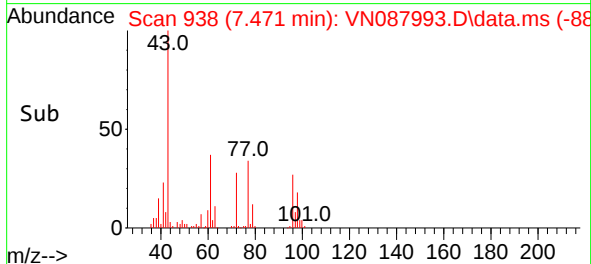
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01



Tgt Ion: 96 Resp: 6426
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 283.0
 98 64.7 0.0 127.6

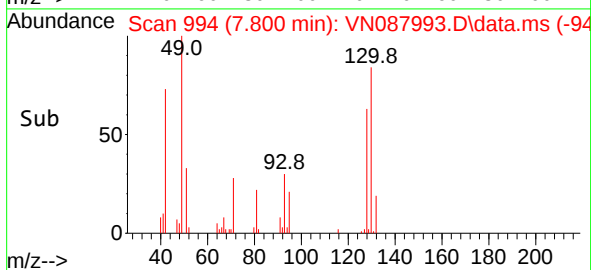
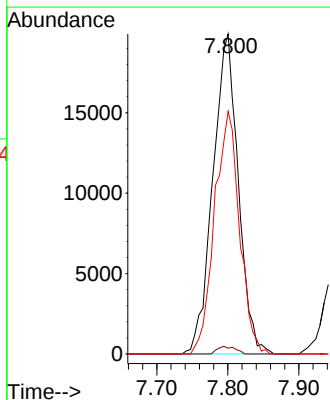
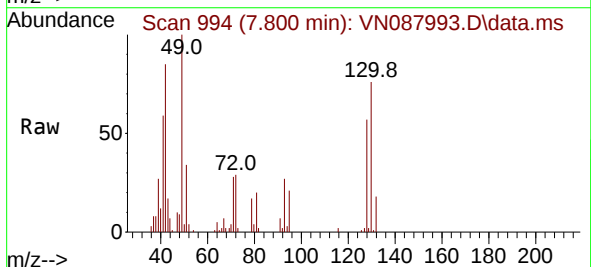
Manual Integrations
 APPROVED

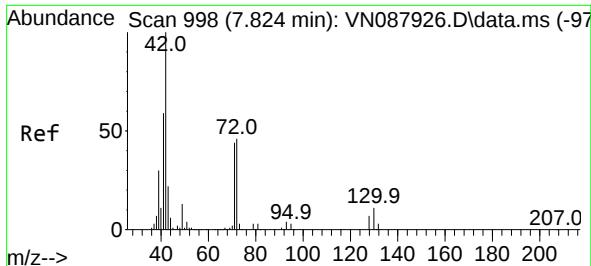
Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#28
 Bromochloromethane
 Concen: 17.762 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28

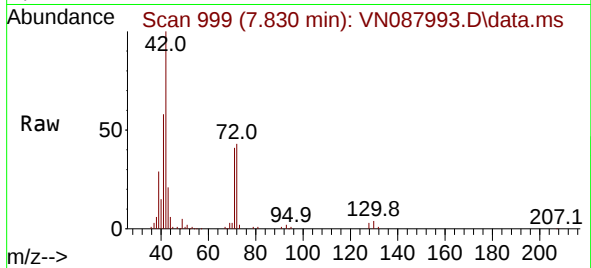
Tgt Ion: 49 Resp: 49348
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.4
 130 74.5 62.6 94.0





#29
Tetrahydrofuran
Concen: 104.179 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

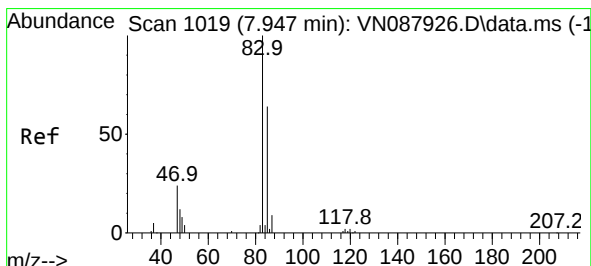
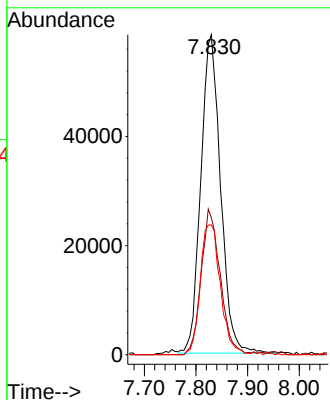
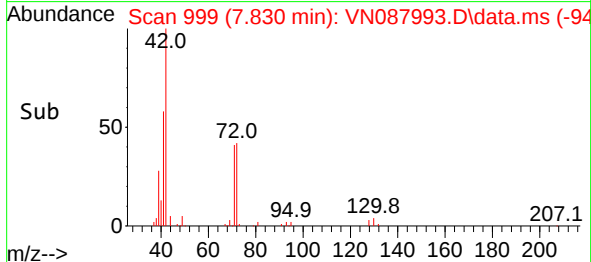
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



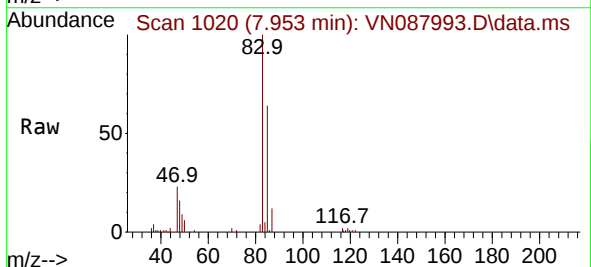
Tgt Ion: 42 Resp: 15478
Ion Ratio Lower Upper
42 100
72 44.2 36.5 54.7
71 41.6 33.8 50.8

Manual Integrations
APPROVED

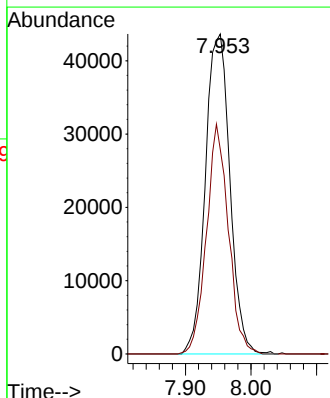
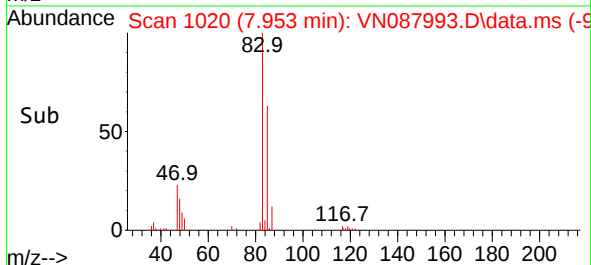
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

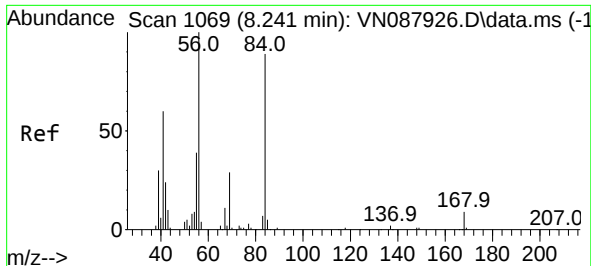


#30
Chloroform
Concen: 20.285 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



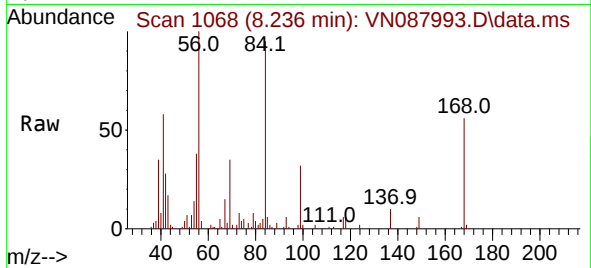
Tgt Ion: 83 Resp: 113415
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3





#31
Cyclohexane
Concen: 19.648 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

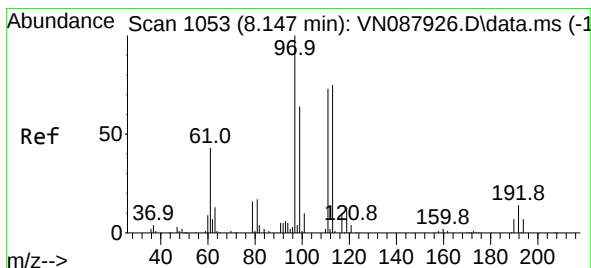
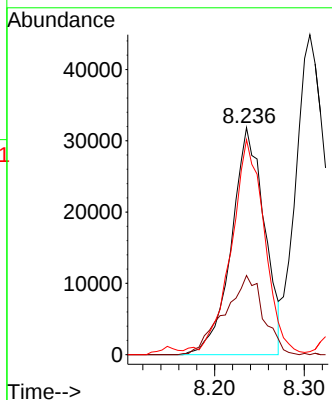
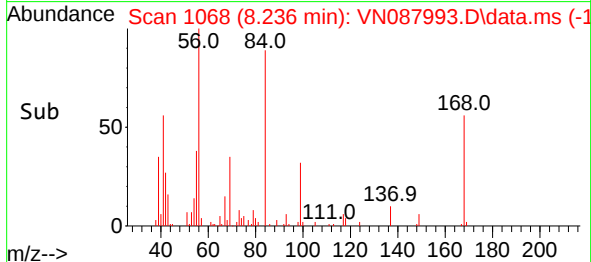
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 56 Resp: 81290
Ion Ratio Lower Upper
56 100
69 34.9 23.4 35.0
84 92.7 70.8 106.2

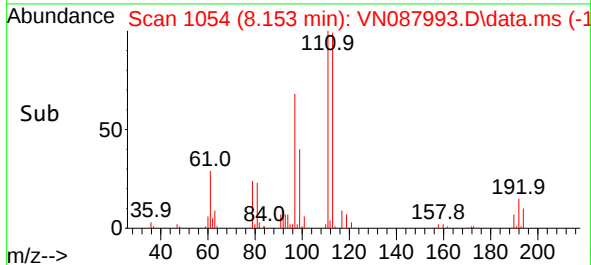
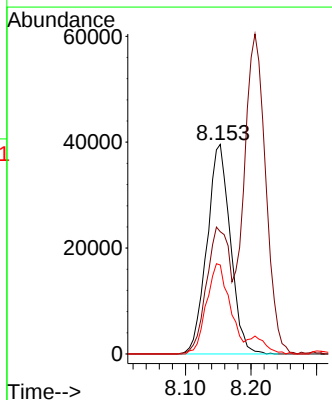
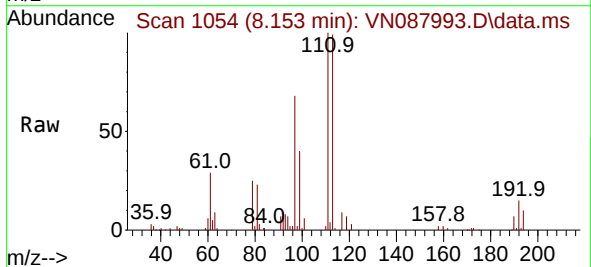
Manual Integrations
APPROVED

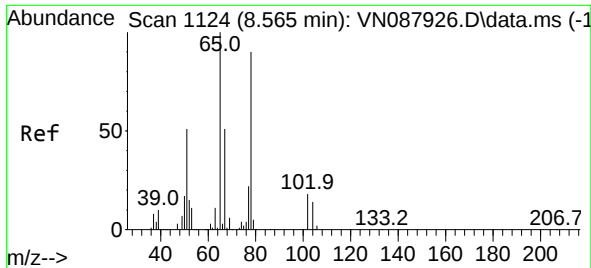
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#32
1,1,1-Trichloroethane
Concen: 20.716 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

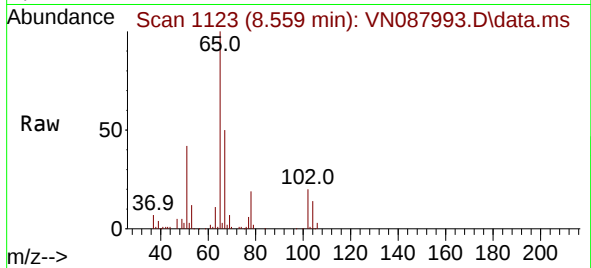
Tgt Ion: 97 Resp: 97872
Ion Ratio Lower Upper
97 100
99 59.4 51.1 76.7
61 43.1 38.6 58.0





#33
1,2-Dichloroethane-d4
Concen: 49.339 ug/l
RT: 8.559 min Scan# 1124
Delta R.T. -0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

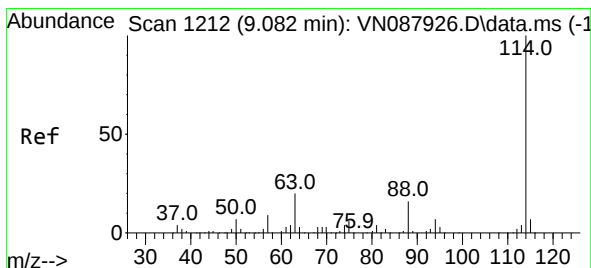
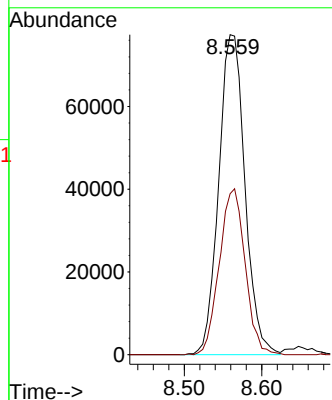
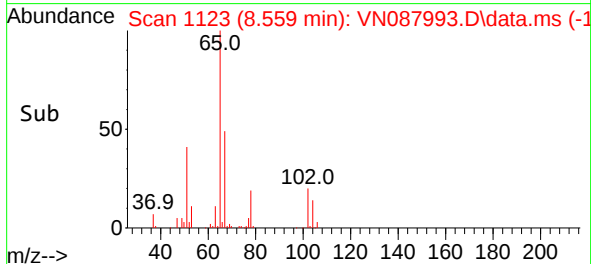
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 65 Resp: 182048
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

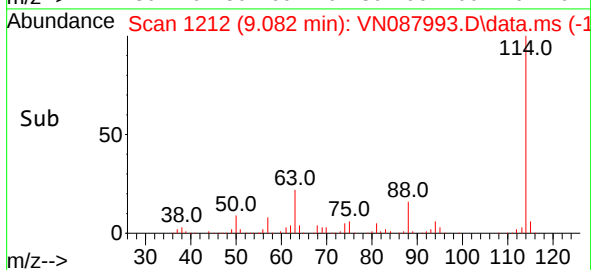
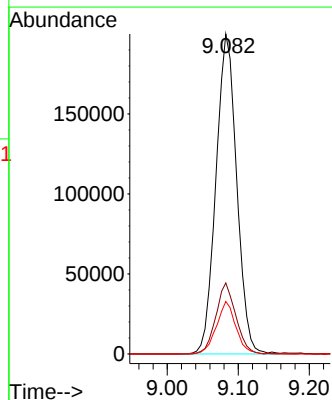
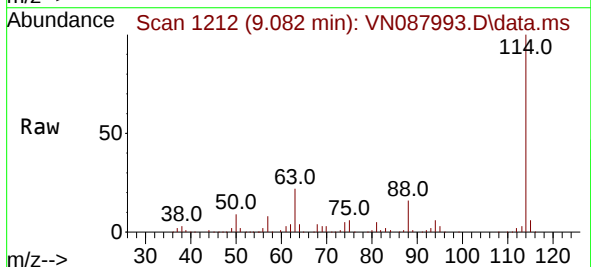
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

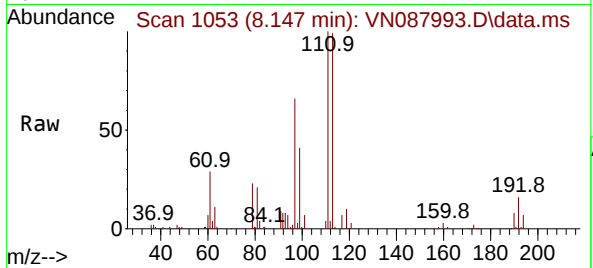
Tgt Ion:114 Resp: 405522
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 16.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.217 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

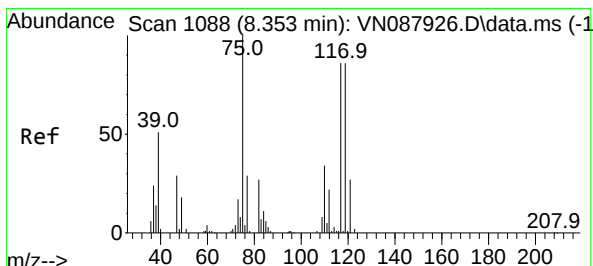
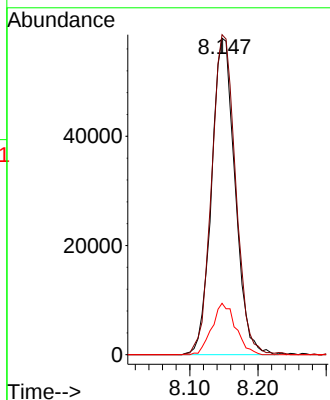
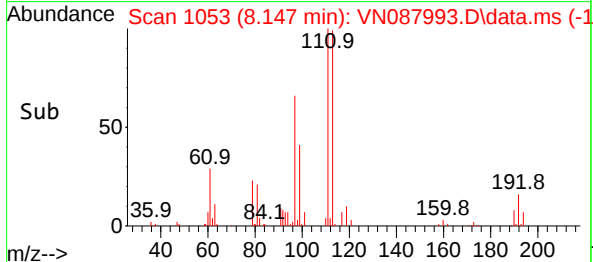
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 113 Resp: 13902
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 16.4 14.2 21.2

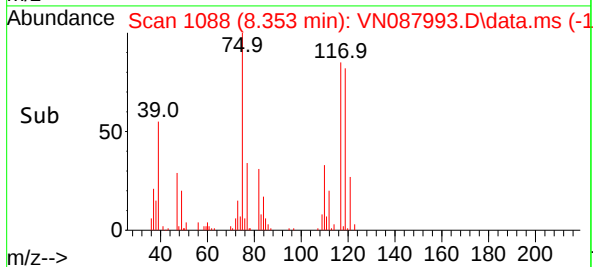
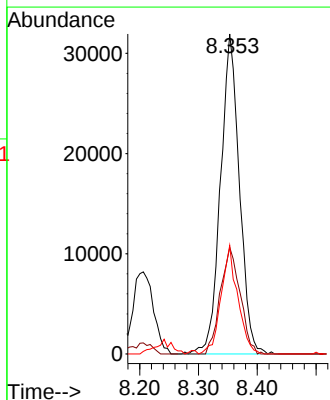
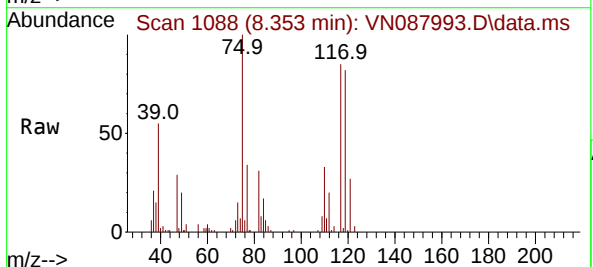
Manual Integrations
APPROVED

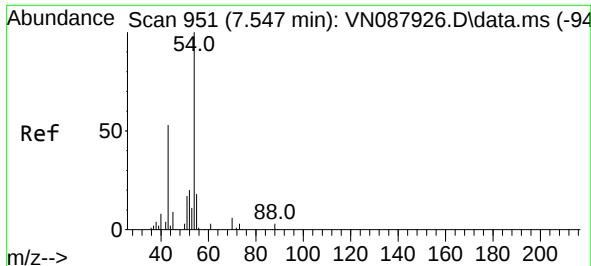
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#36
1,1-Dichloropropene
Concen: 20.176 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion: 75 Resp: 71432
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.3
77 30.0 24.8 37.2





#37

Ethyl Acetate

Concen: 19.905 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

Tgt Ion: 43 Resp: 92540

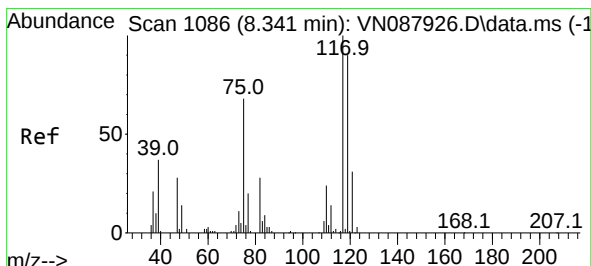
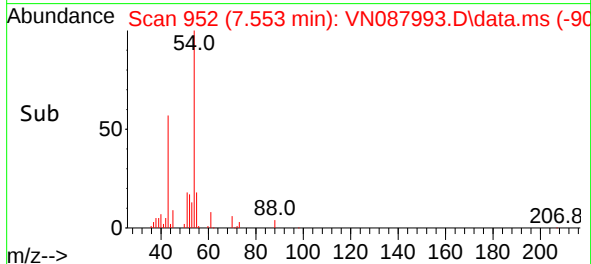
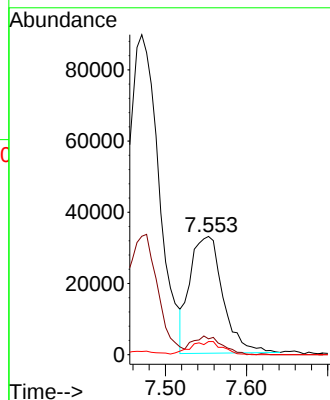
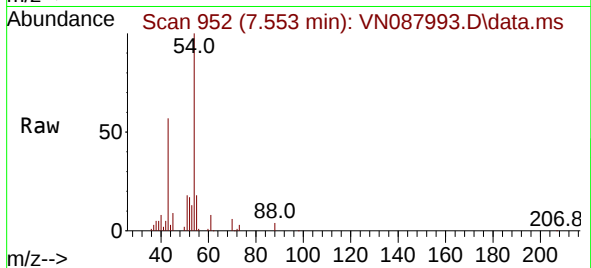
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.8	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#38

Carbon Tetrachloride

Concen: 19.260 ug/l

RT: 8.341 min Scan# 1086

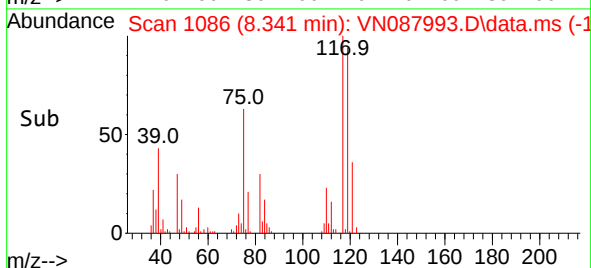
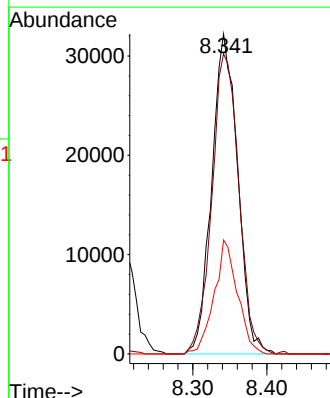
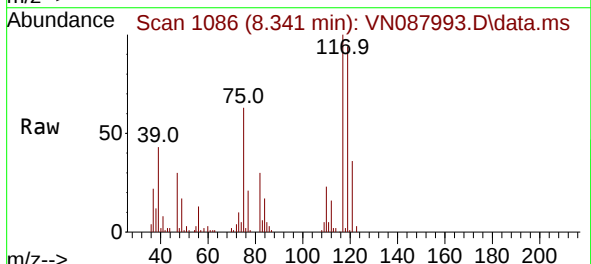
Delta R.T. 0.000 min

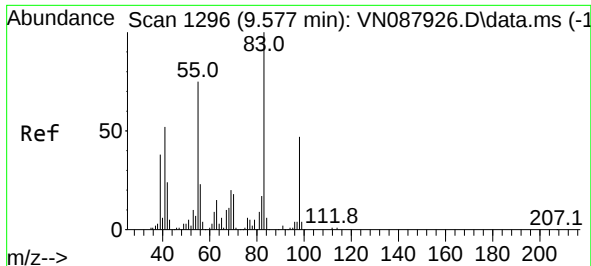
Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Tgt Ion:117 Resp: 78245

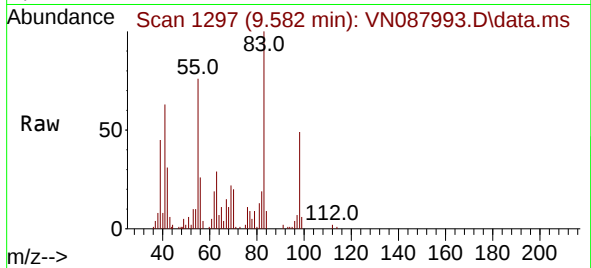
Ion	Ratio	Lower	Upper
117	100		
119	93.8	72.1	108.1
121	35.6	24.6	36.8





#39
Methylcyclohexane
Concen: 19.383 ug/l
RT: 9.582 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

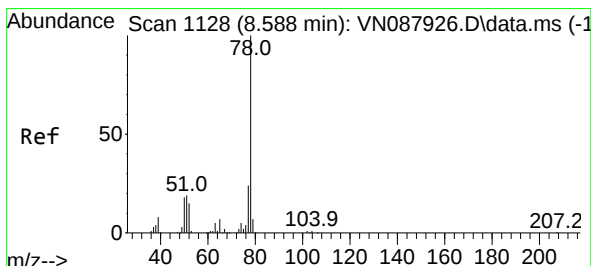
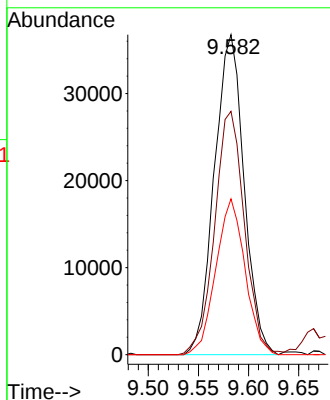
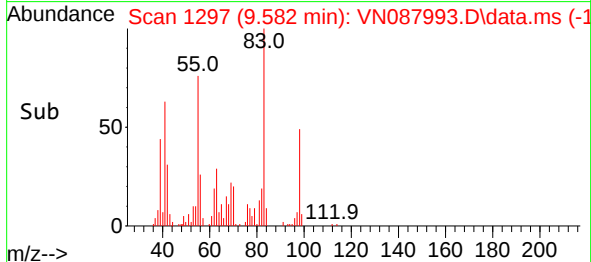
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



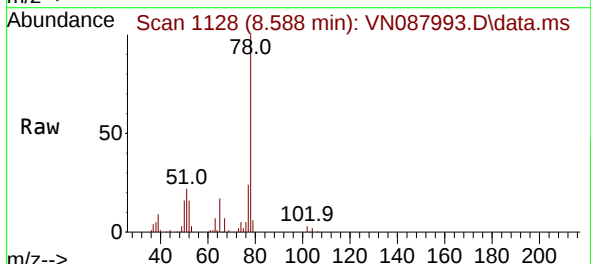
Tgt Ion: 83 Resp: 75700
Ion Ratio Lower Upper
83 100
55 76.0 59.9 89.9
98 48.7 37.4 56.2

Manual Integrations
APPROVED

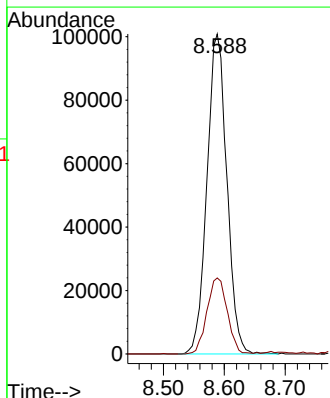
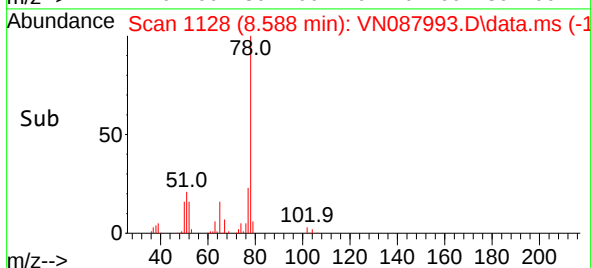
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

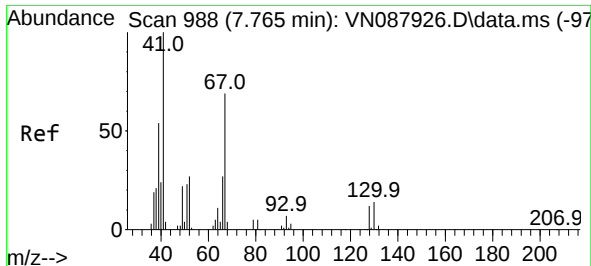


#40
Benzene
Concen: 19.530 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



Tgt Ion: 78 Resp: 228939
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





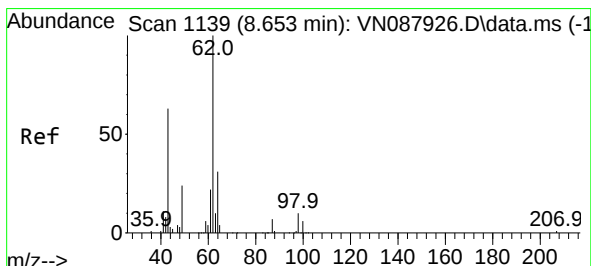
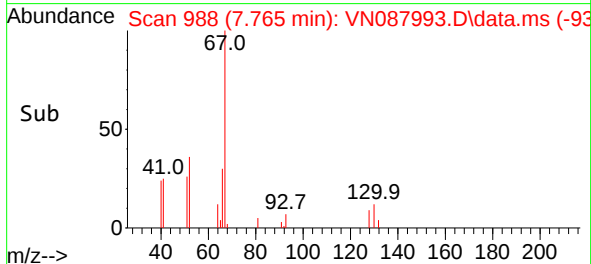
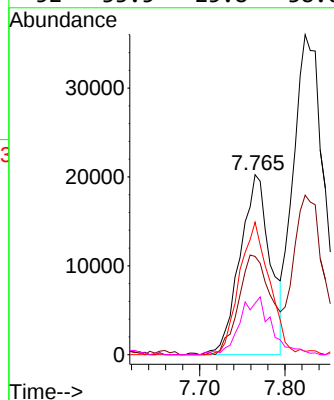
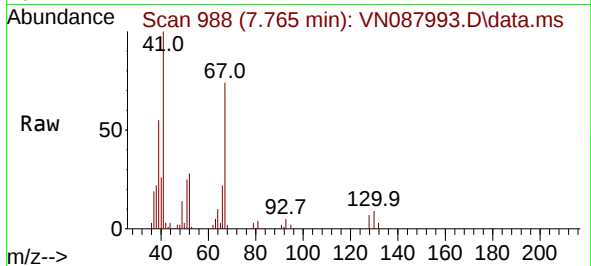
#41
Methacrylonitrile
Concen: 20.856 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

Tgt Ion: 41 Resp: 50109
Ion Ratio Lower Upper
41 100
39 58.5 43.5 65.3
67 74.1 57.6 86.4
52 33.5 25.8 38.6

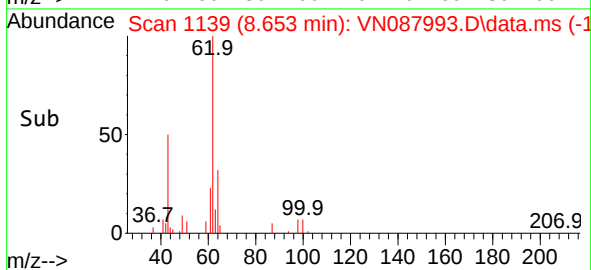
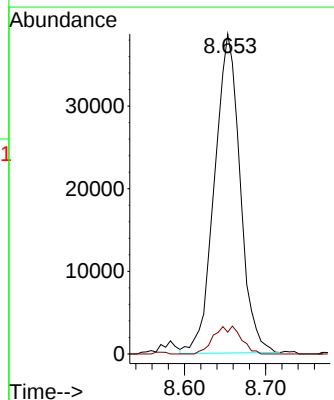
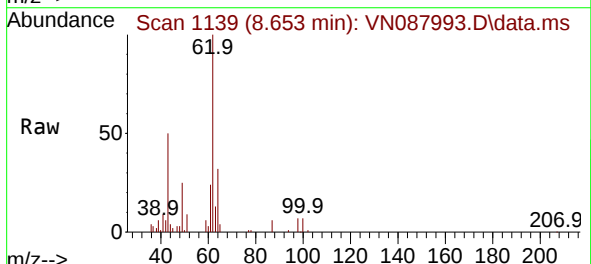
Manual Integrations
APPROVED

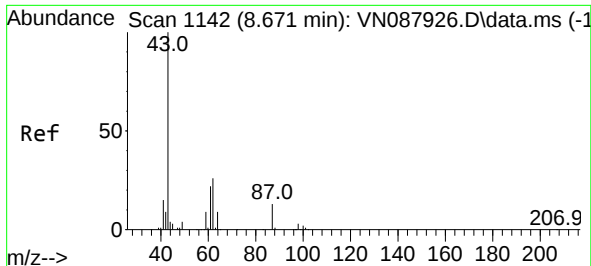
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 19.383 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

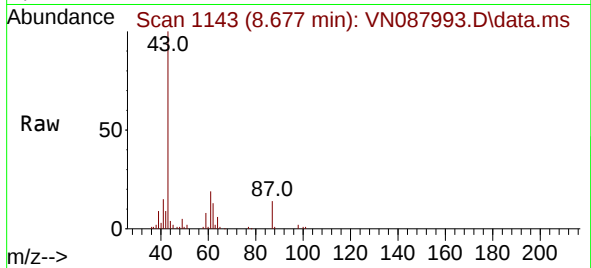
Tgt Ion: 62 Resp: 84790
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6





#43
Isopropyl Acetate
Concen: 20.179 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

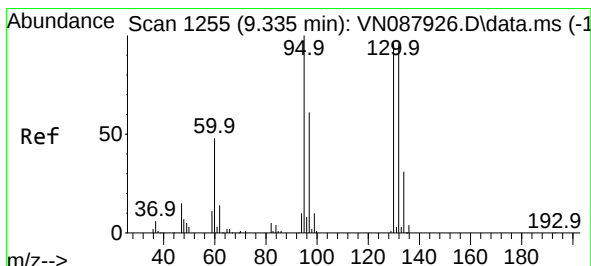
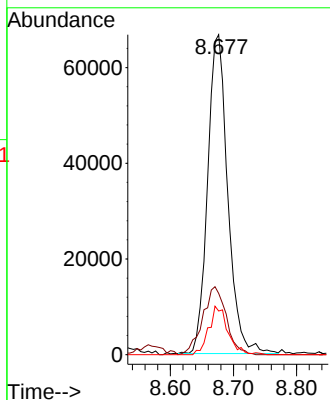
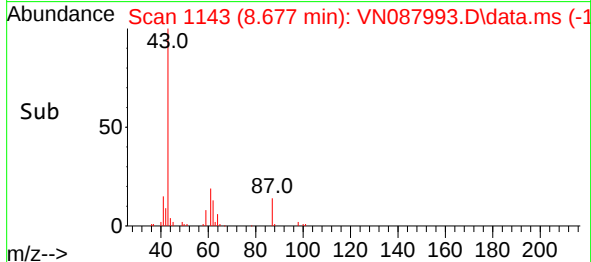
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 43 Resp: 14767
Ion Ratio Lower Upper
43 100
61 25.0 20.2 30.2
87 14.2 10.9 16.3

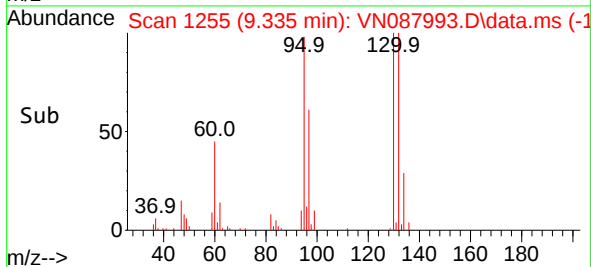
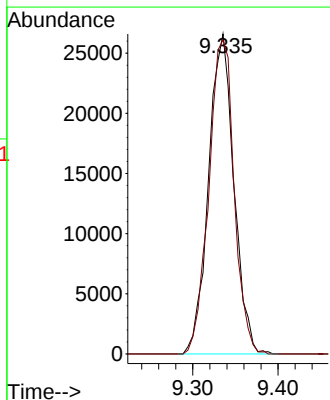
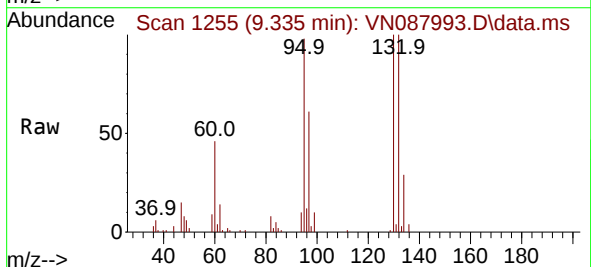
Manual Integrations
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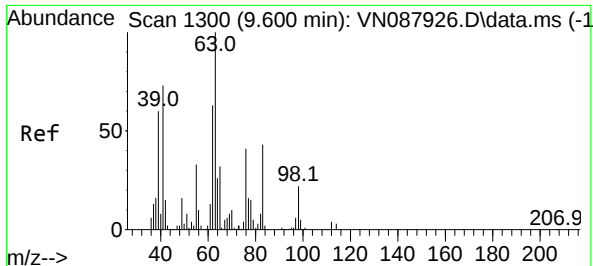
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 19.602 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion:130 Resp: 54887
Ion Ratio Lower Upper
130 100
95 98.2 0.0 208.0





#45

1,2-Dichloropropane

Concen: 18.893 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

Tgt Ion: 63 Resp: 55534

Ion Ratio Lower Upper

63 100

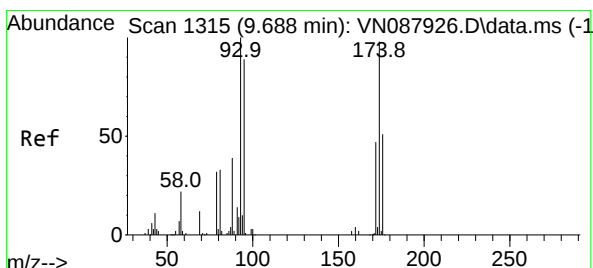
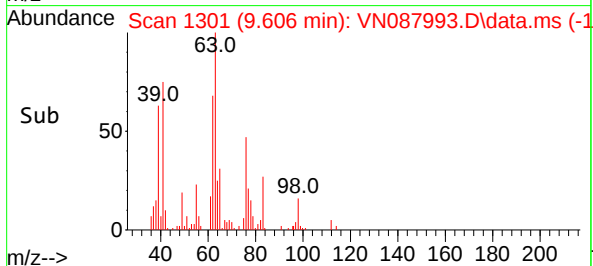
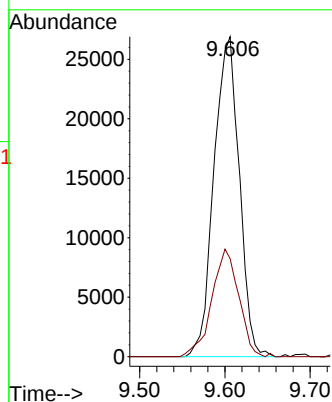
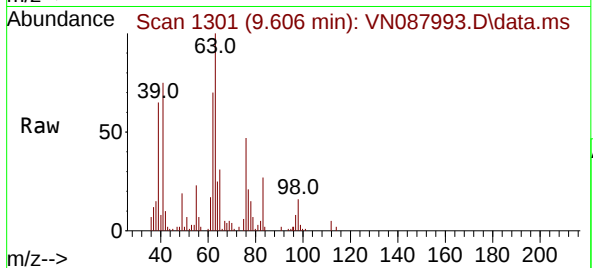
65 30.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 19.745 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

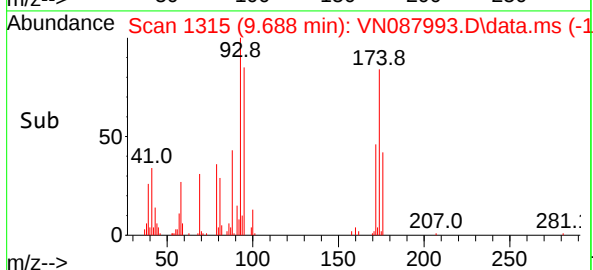
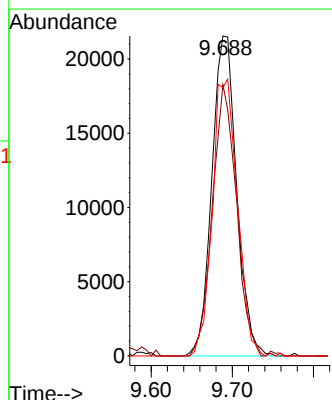
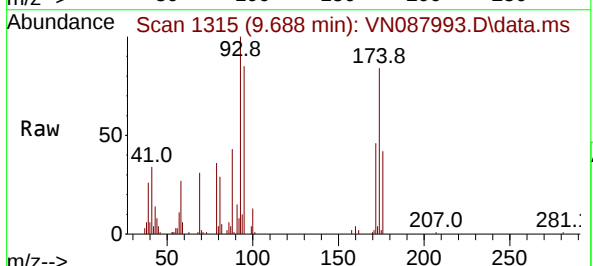
Tgt Ion: 93 Resp: 45798

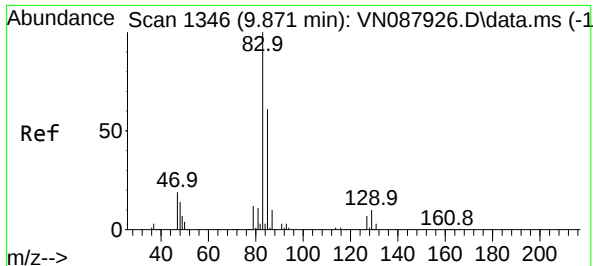
Ion Ratio Lower Upper

93 100

95 81.9 67.6 101.4

174 87.2 75.4 113.0





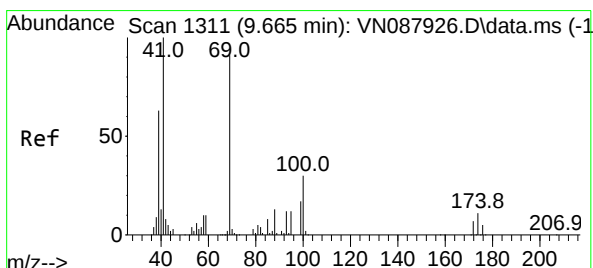
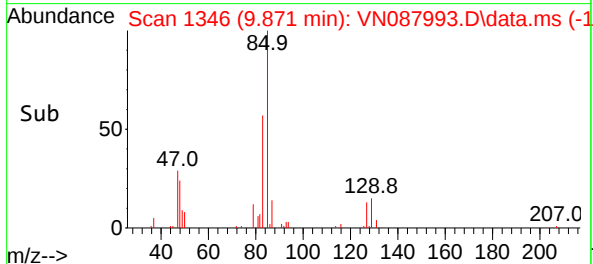
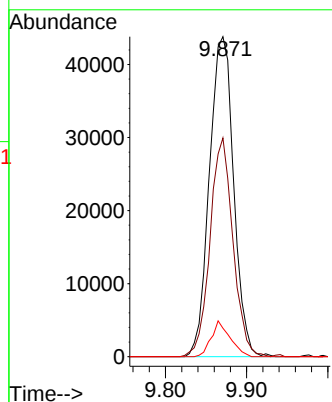
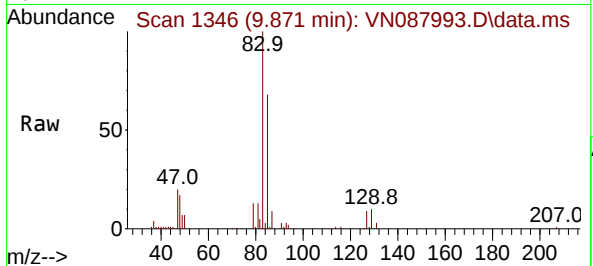
#47
Bromodichloromethane
Concen: 19.999 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

Tgt Ion: 83 Resp: 9098
Ion Ratio Lower Upper
83 100
85 68.4 49.1 73.7
127 8.9 5.9 8.9

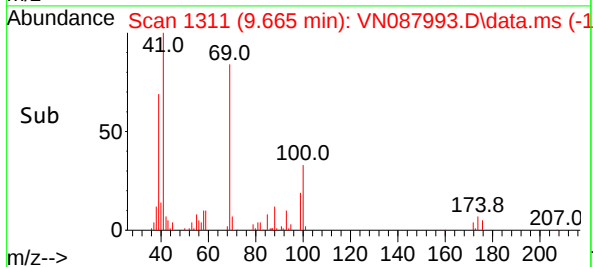
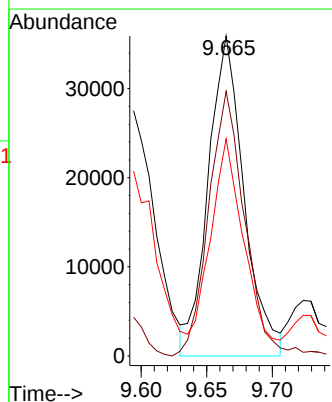
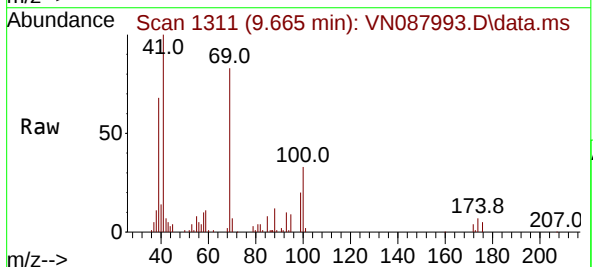
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#48
Methyl methacrylate
Concen: 20.093 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion: 41 Resp: 68094
Ion Ratio Lower Upper
41 100
69 83.7 70.9 106.3
39 63.6 52.9 79.3





#49

1,4-Dioxane

Concen: 435.420 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

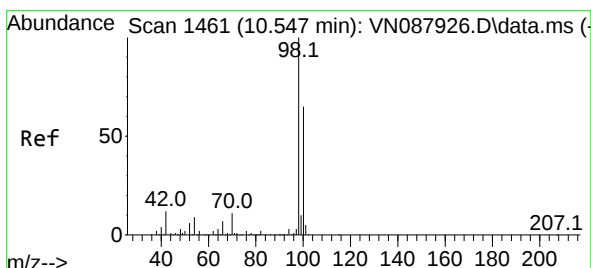
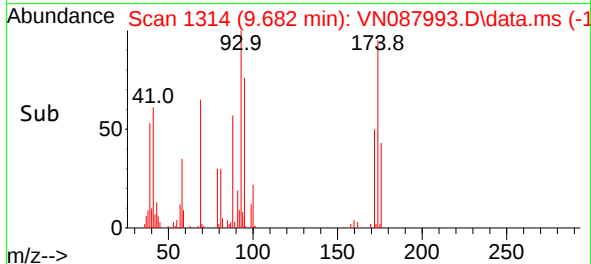
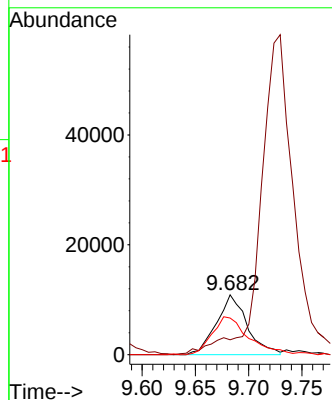
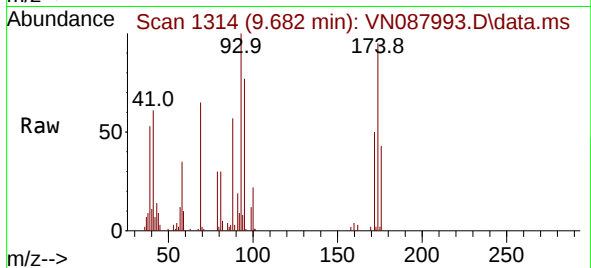
Tgt Ion: 88	Resp: 21799
Ion Ratio	Lower Upper
88 100	
43 0.0	22.6 33.8
58 76.5	57.4 86.2

Manual Integrations

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Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 47.090 ug/l

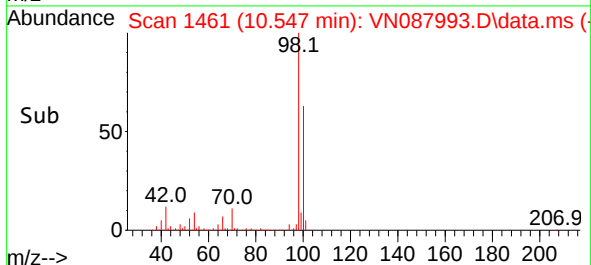
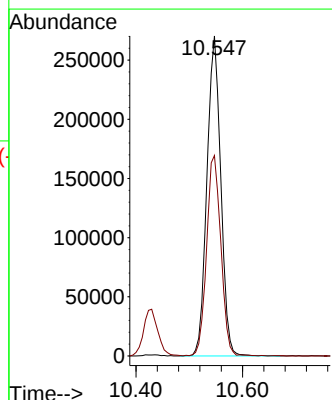
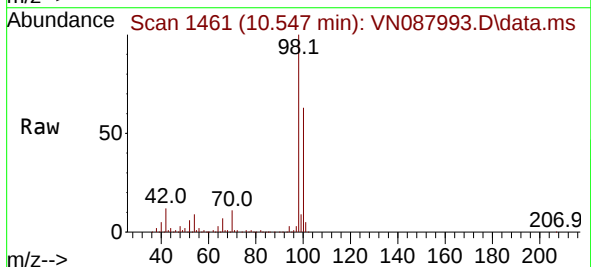
RT: 10.547 min Scan# 1461

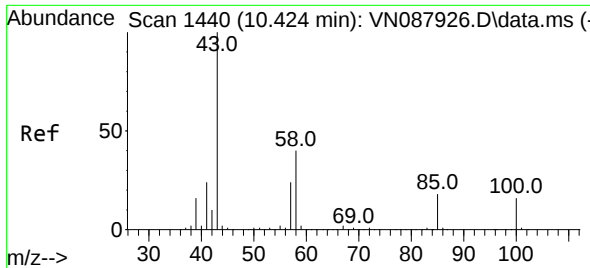
Delta R.T. 0.000 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

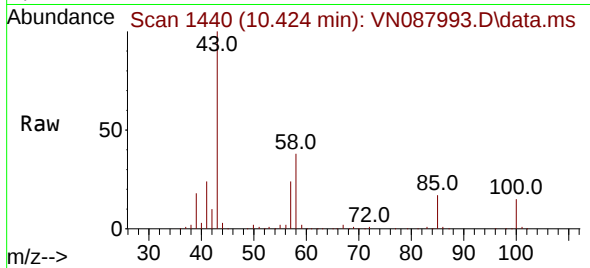
Tgt Ion: 98	Resp: 487572
Ion Ratio	Lower Upper
98 100	
100 64.2	51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 104.216 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

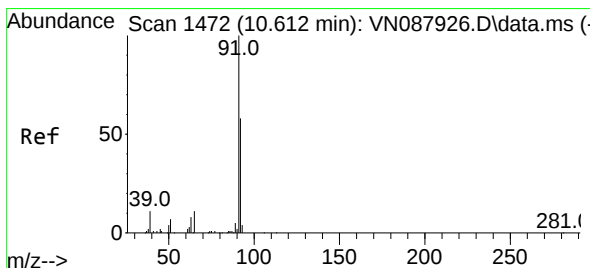
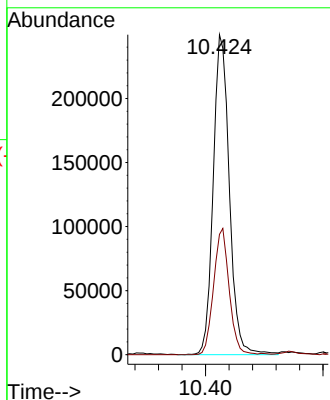
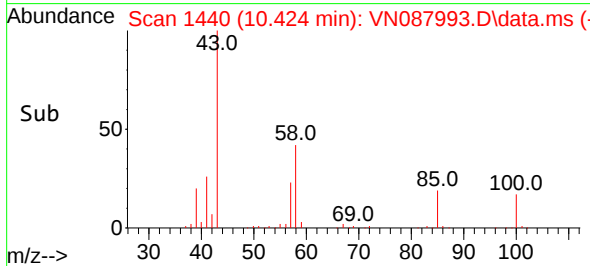
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 43 Resp: 475892
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.6

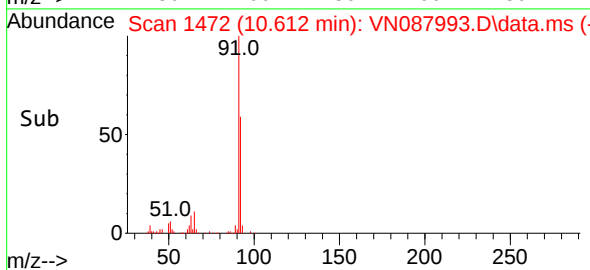
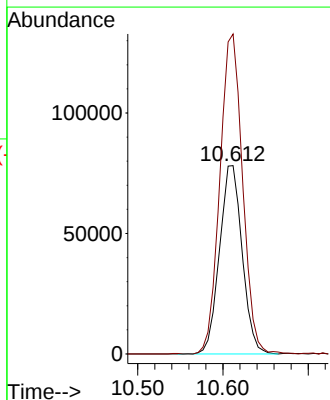
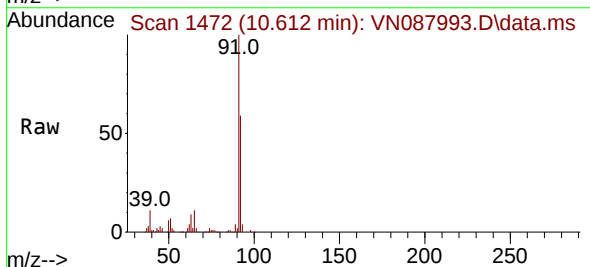
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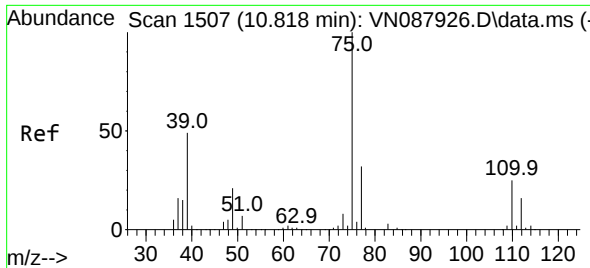
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 19.606 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

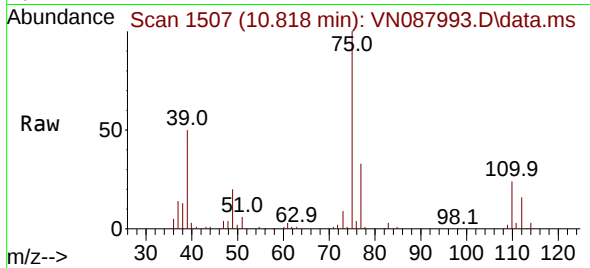
Tgt Ion: 92 Resp: 144227
Ion Ratio Lower Upper
92 100
91 170.5 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 19.586 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

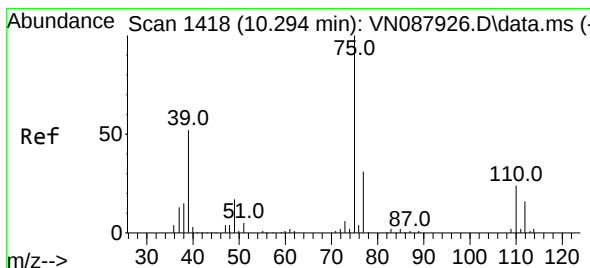
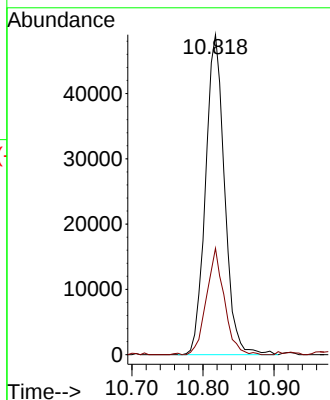
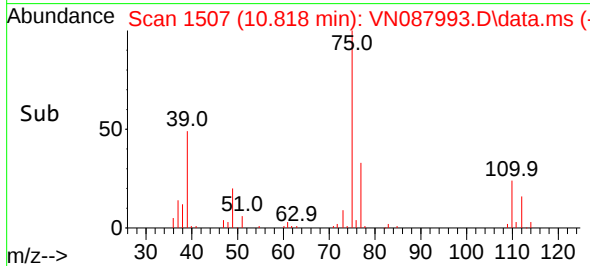
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



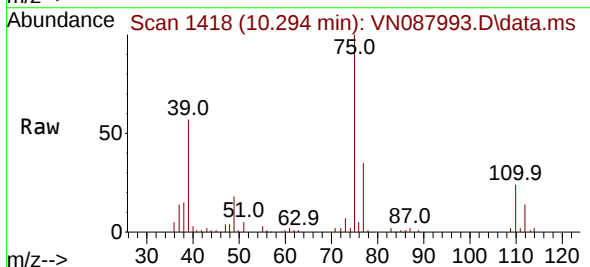
Tgt Ion: 75 Resp: 91190
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9

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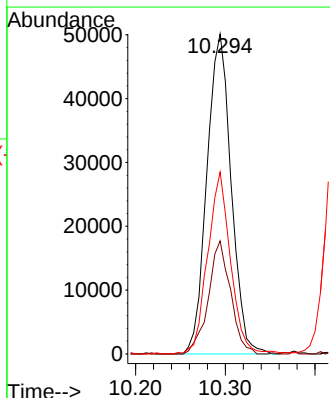
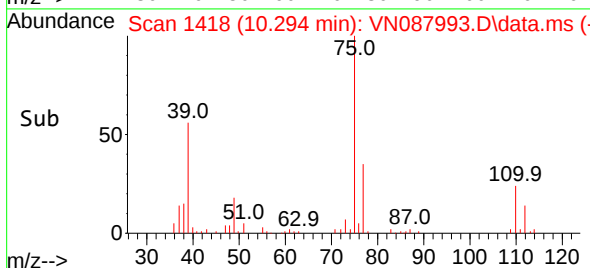
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

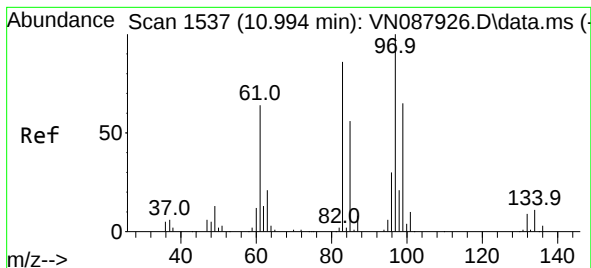


#54
cis-1,3-Dichloropropene
Concen: 19.462 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



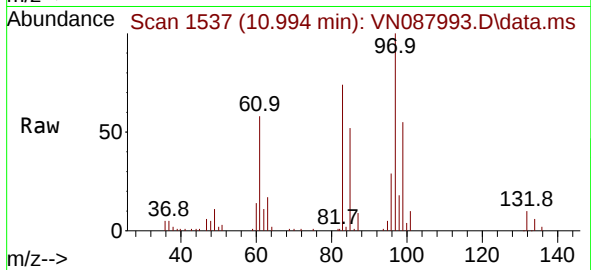
Tgt Ion: 75 Resp: 94111
Ion Ratio Lower Upper
75 100
77 35.4 24.7 37.1
39 56.4 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 20.662 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

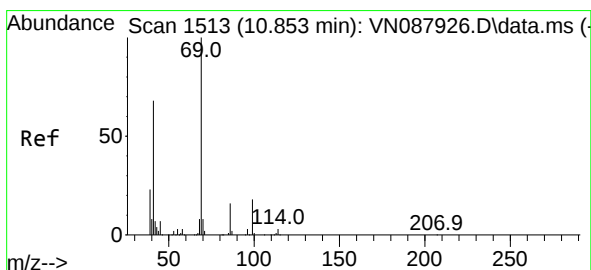
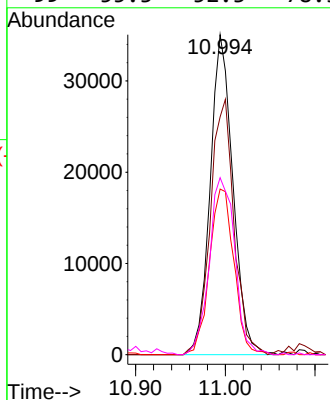
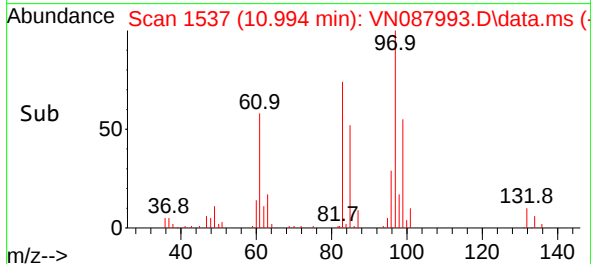


Tgt Ion: 97 Resp: 61800

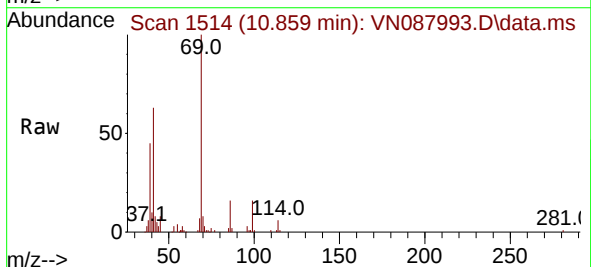
Ion	Ratio	Lower	Upper
97	100		
83	74.3	69.0	103.4
85	51.7	44.4	66.6
99	55.3	52.3	78.5

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Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

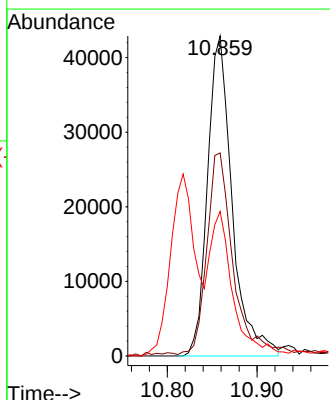
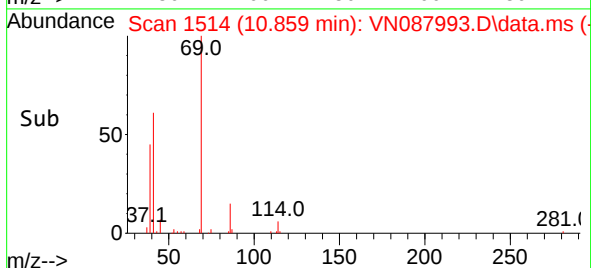


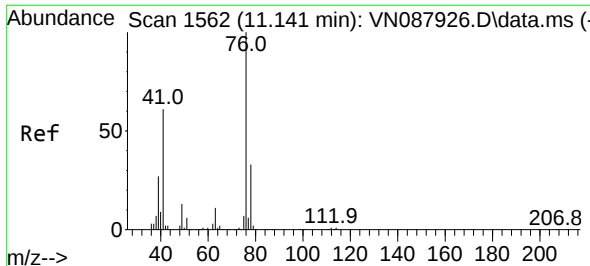
#56
Ethyl methacrylate
Concen: 18.955 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



Tgt Ion: 69 Resp: 81922

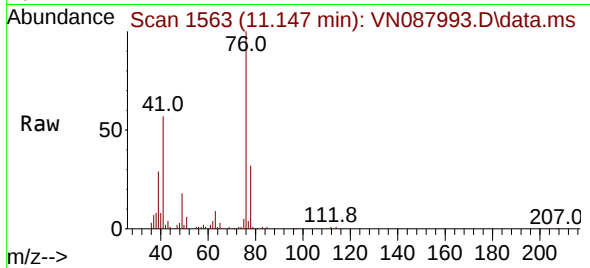
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.8	80.6
39	40.1	34.7	52.1





#57
1,3-Dichloropropane
Concen: 20.226 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

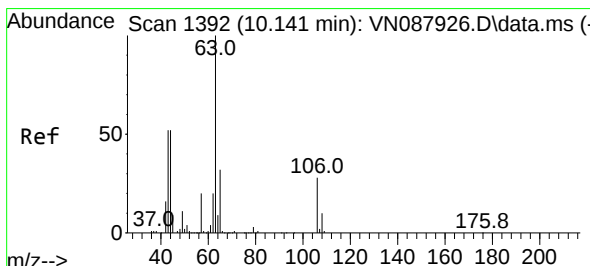
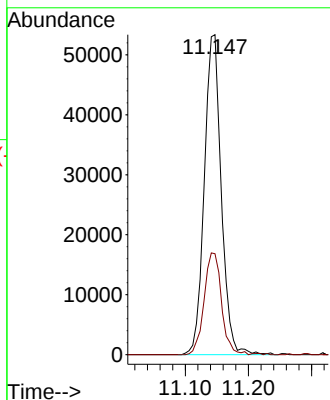
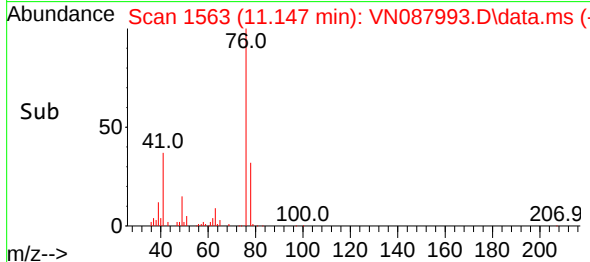
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 76 Resp: 9950
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

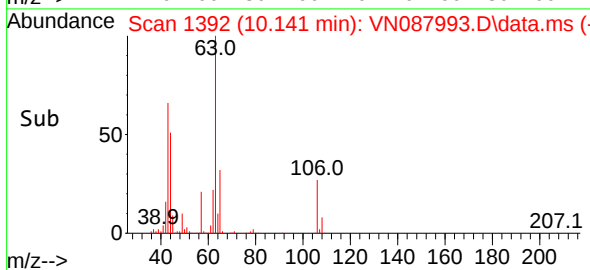
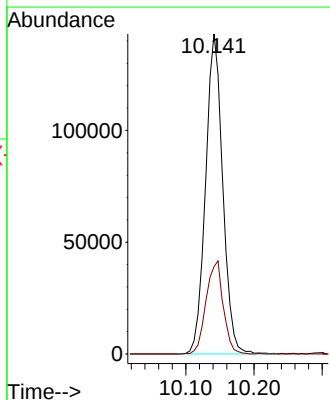
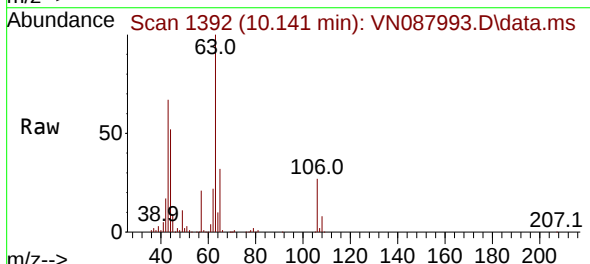
Manual Integrations
APPROVED

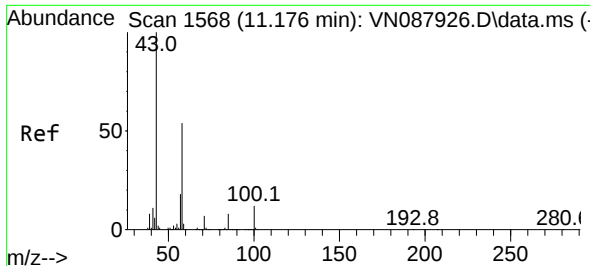
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 123.199 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

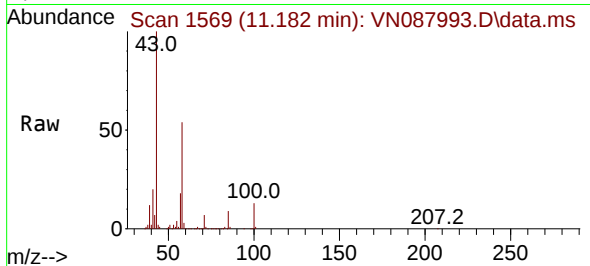
Tgt Ion: 63 Resp: 250347
Ion Ratio Lower Upper
63 100
106 29.0 22.6 33.8





#59
2-Hexanone
Concen: 99.389 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

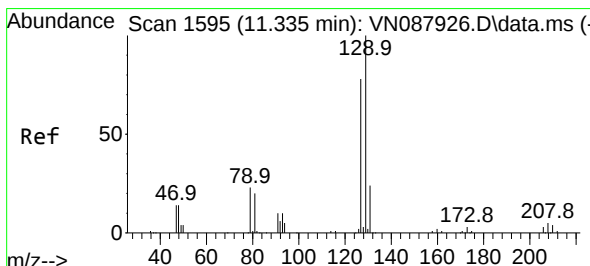
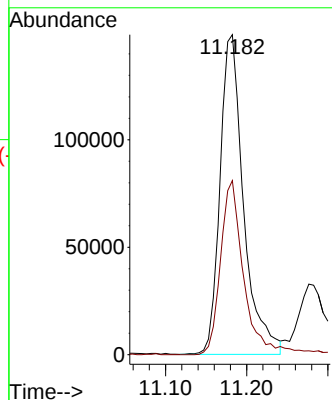
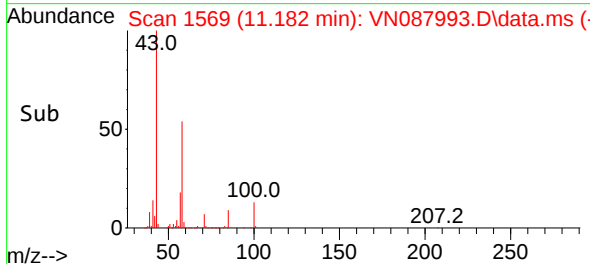
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 43 Resp: 300090
Ion Ratio Lower Upper
43 100
58 55.0 26.4 79.2

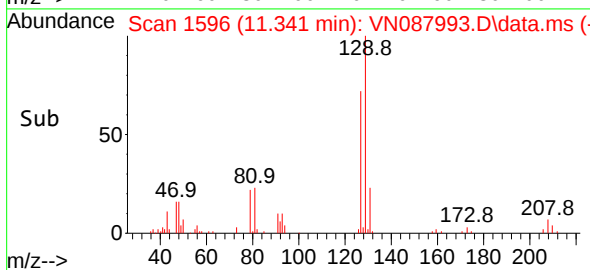
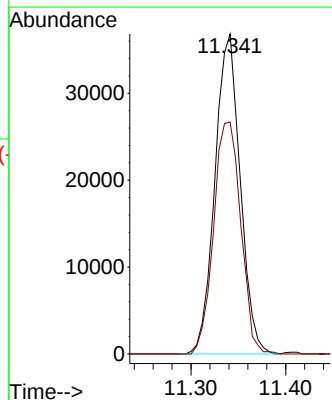
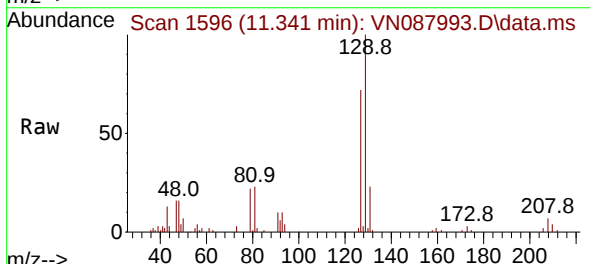
Manual Integrations
APPROVED

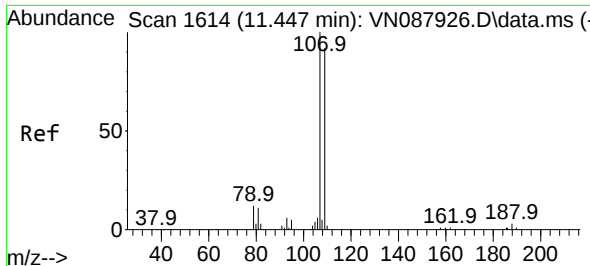
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 19.399 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion:129 Resp: 68220
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.9





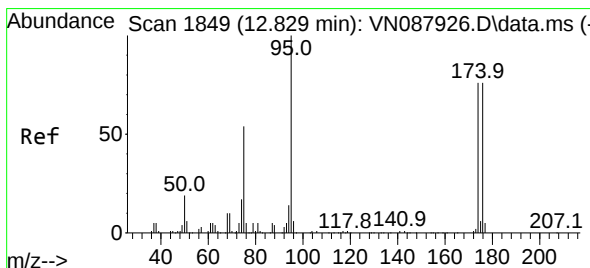
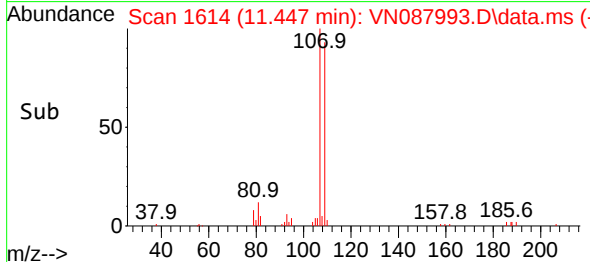
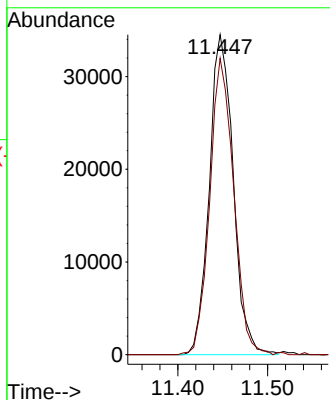
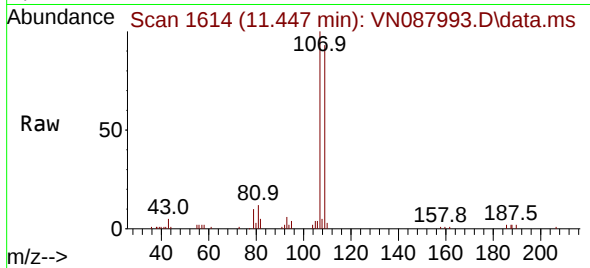
#61
1,2-Dibromoethane
Concen: 20.187 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

Tgt Ion:107 Resp: 63920
Ion Ratio Lower Upper
107 100
109 92.4 75.3 112.9

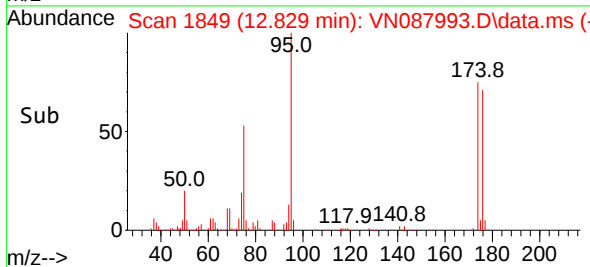
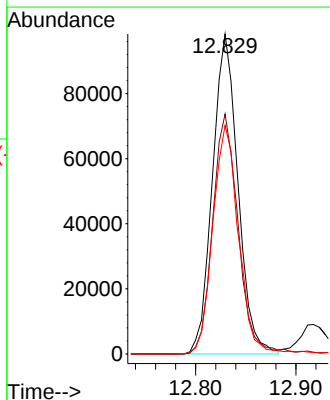
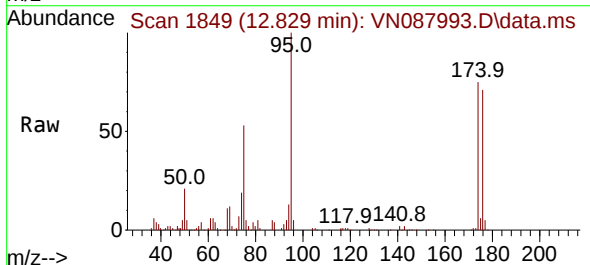
Manual Integrations
APPROVED

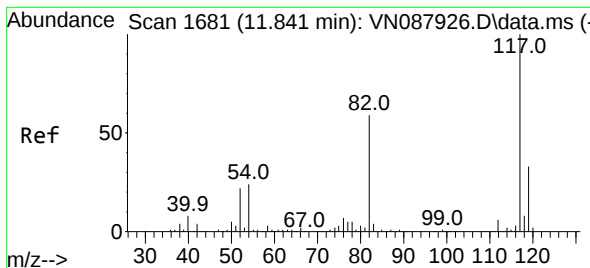
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

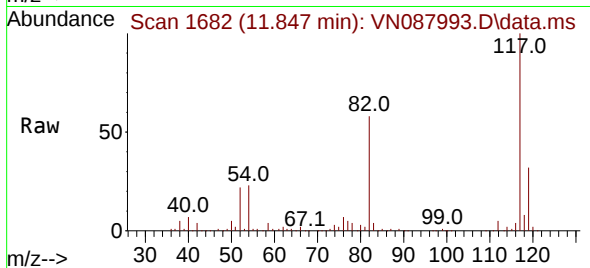
Tgt Ion: 95 Resp: 173088
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.2
176 72.5 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

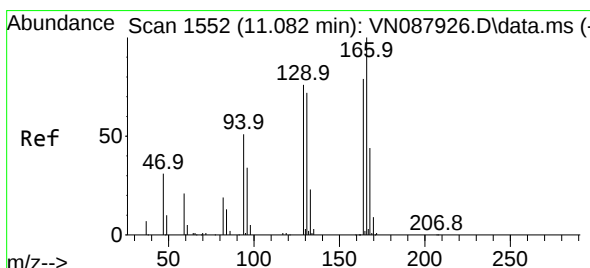
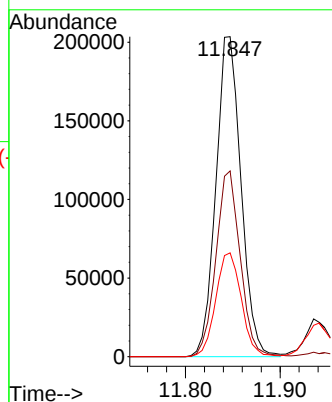
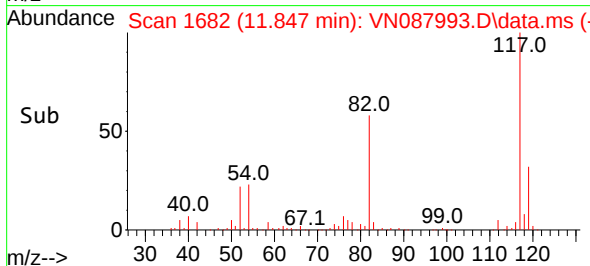
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion:117 Resp: 376014
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.4
119 32.4 26.1 39.1

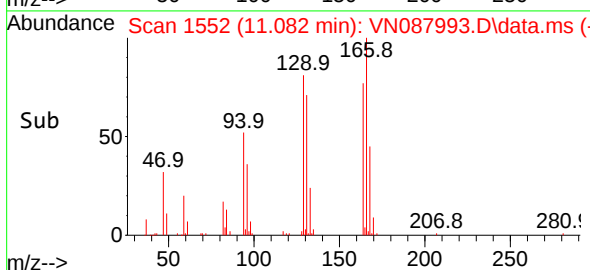
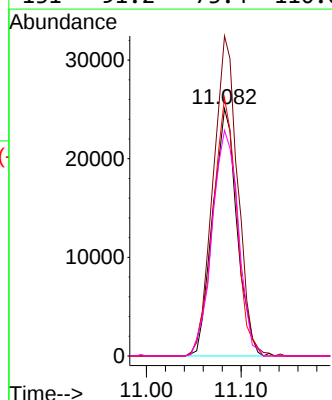
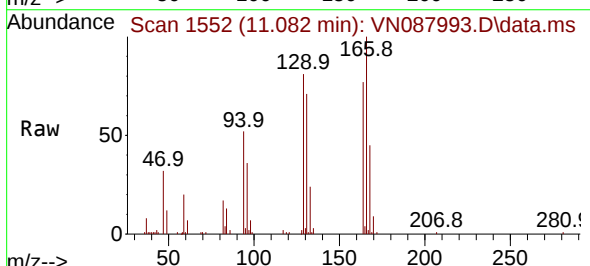
Manual Integrations
APPROVED

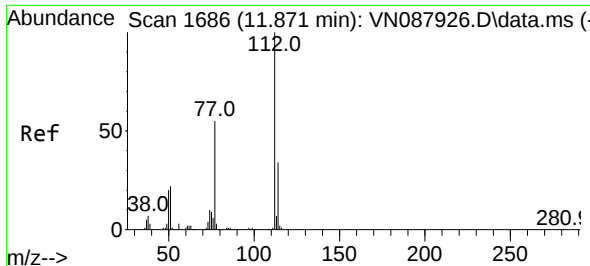
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 19.560 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

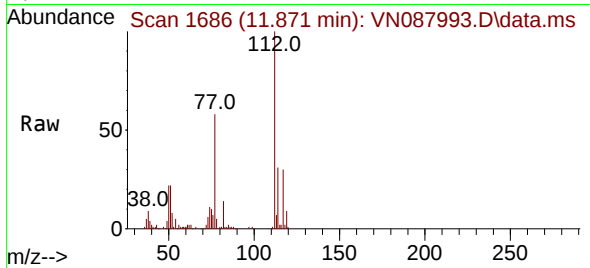
Tgt Ion:164 Resp: 44801
Ion Ratio Lower Upper
164 100
166 129.4 101.6 152.4
129 104.4 77.5 116.3
131 91.2 73.4 110.0





#65
Chlorobenzene
Concen: 20.358 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

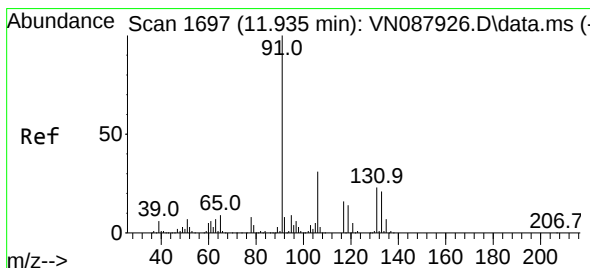
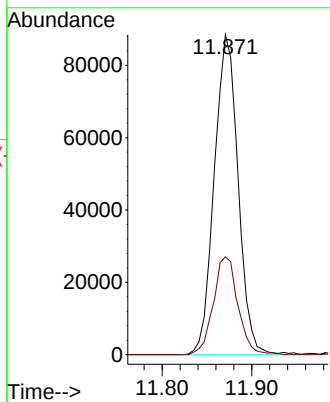
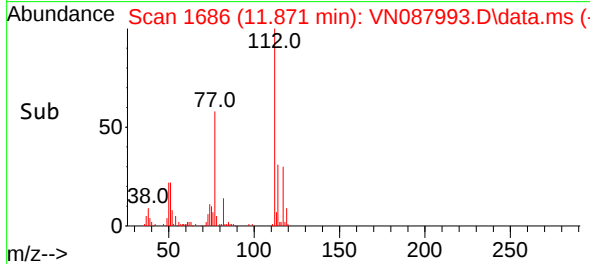
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



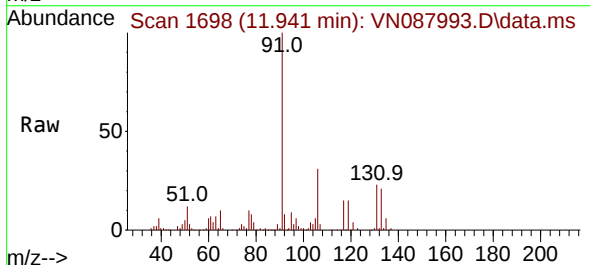
Tgt Ion:112 Resp: 16289
Ion Ratio Lower Upper
112 100
114 30.6 27.2 40.8

Manual Integrations
APPROVED

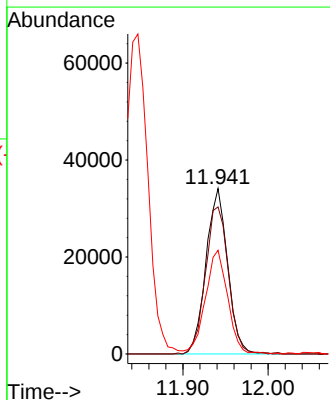
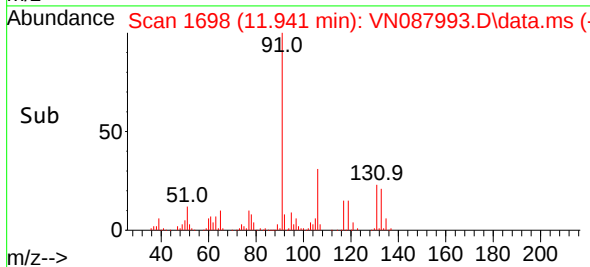
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

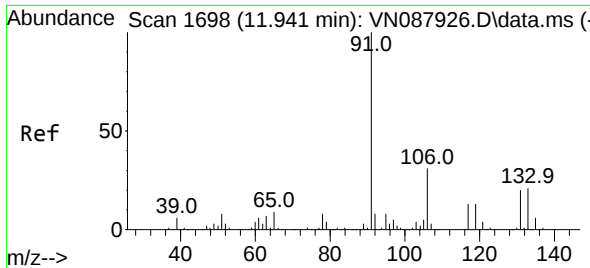


#66
1,1,1,2-Tetrachloroethane
Concen: 20.883 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



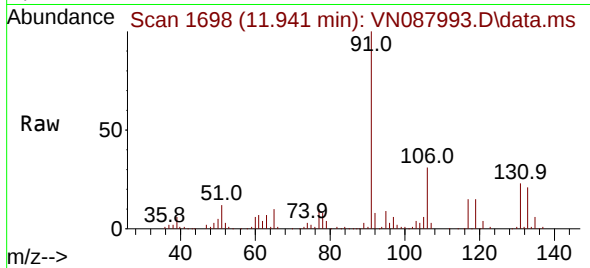
Tgt Ion:131 Resp: 60261
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 64.6 31.9 95.5





#67
Ethyl Benzene
Concen: 19.380 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

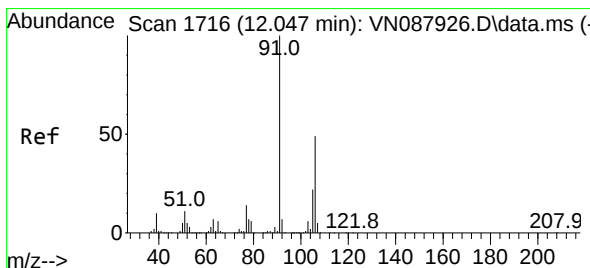
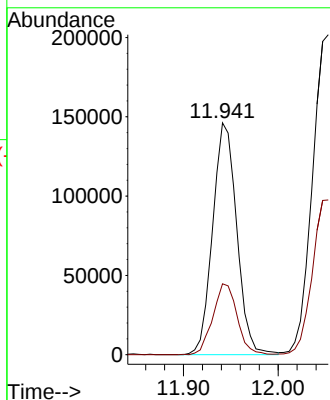
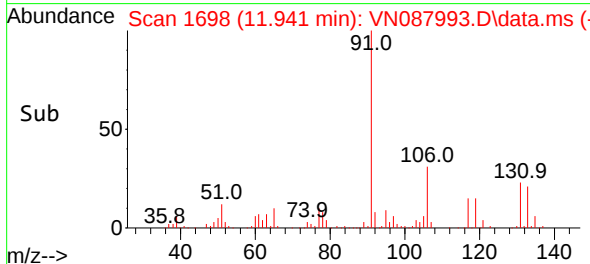
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



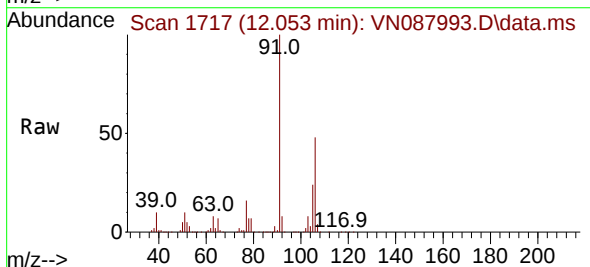
Tgt Ion: 91 Resp: 258768
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8

Manual Integrations
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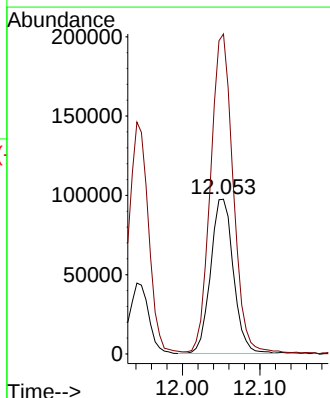
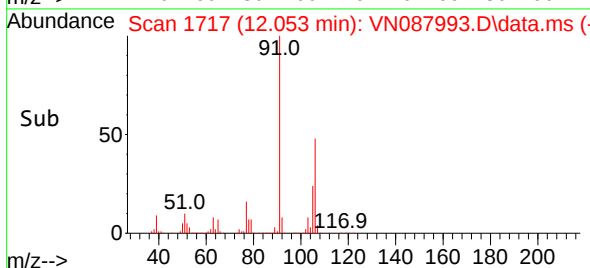
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

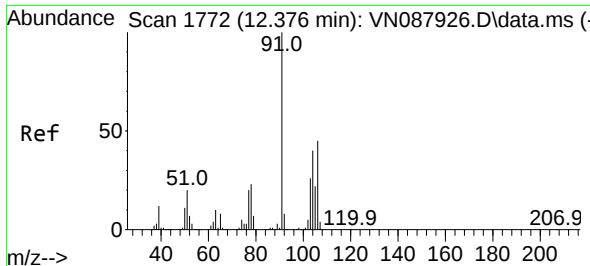


#68
m/p-Xylenes
Concen: 39.000 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



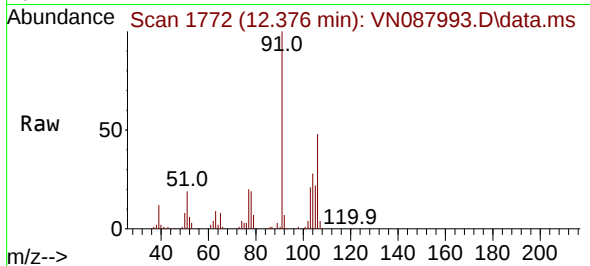
Tgt Ion:106 Resp: 199153
Ion Ratio Lower Upper
106 100
91 207.0 162.9 244.3





#69
o-Xylene
Concen: 19.504 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

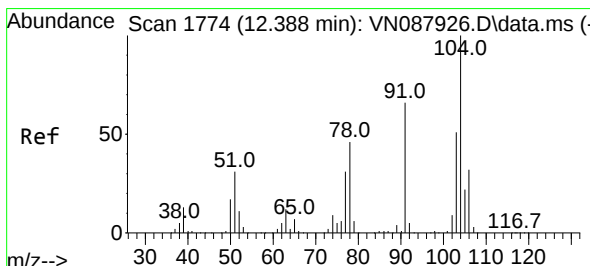
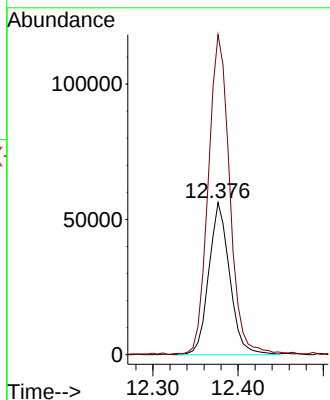
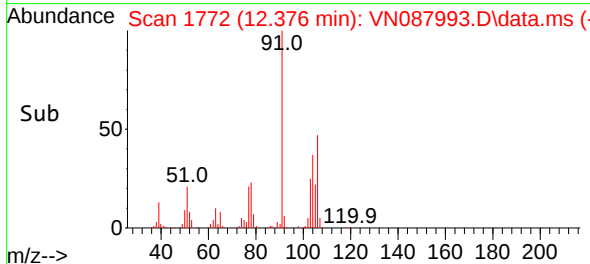
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



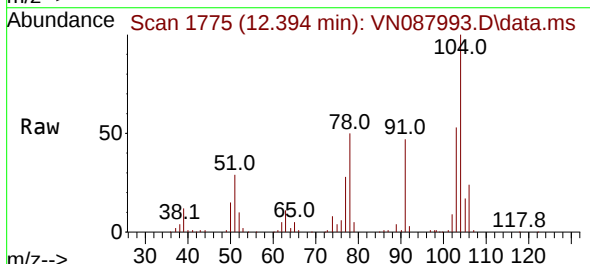
Tgt Ion:106 Resp: 9568
Ion Ratio Lower Upper
106 100
91 217.9 108.2 324.6

Manual Integrations
APPROVED

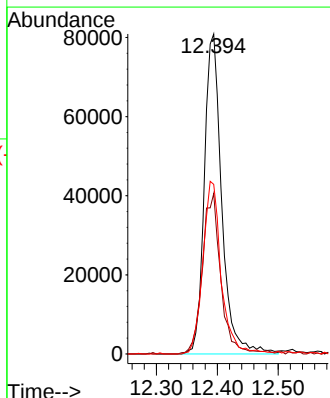
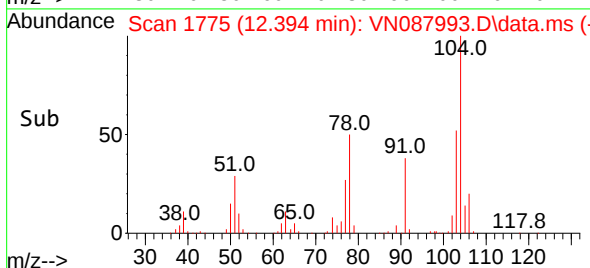
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

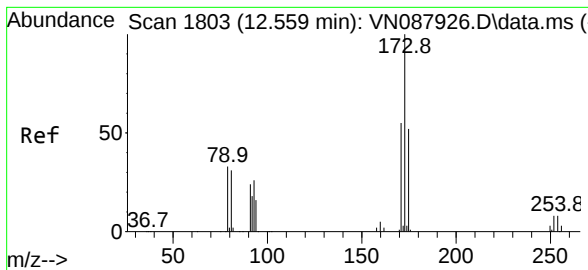


#70
Styrene
Concen: 19.104 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



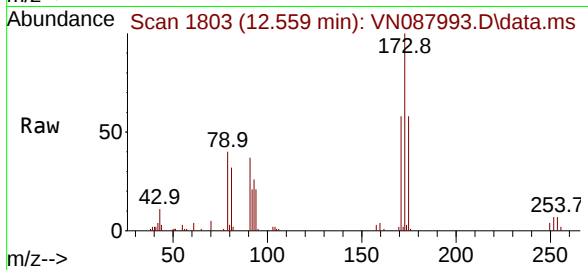
Tgt Ion:104 Resp: 160966
Ion Ratio Lower Upper
104 100
78 52.8 39.7 59.5
103 57.0 44.6 67.0





#71
Bromoform
Concen: 19.686 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

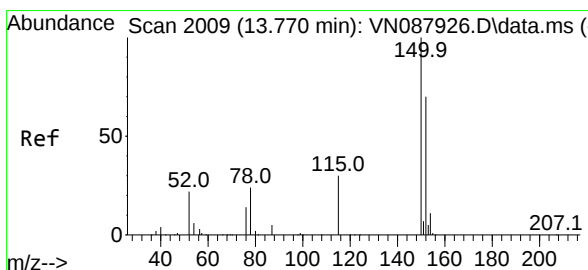
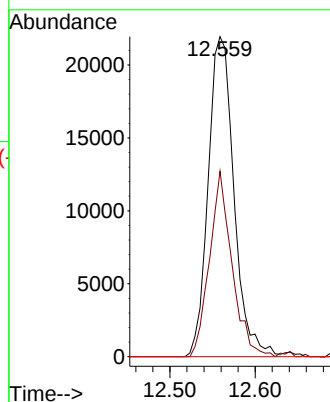
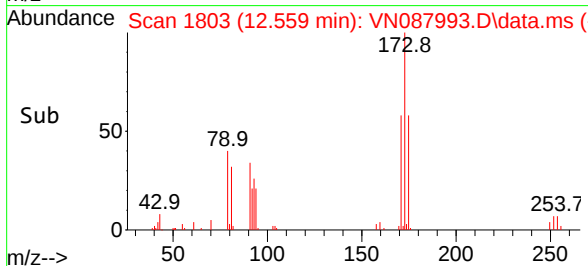
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



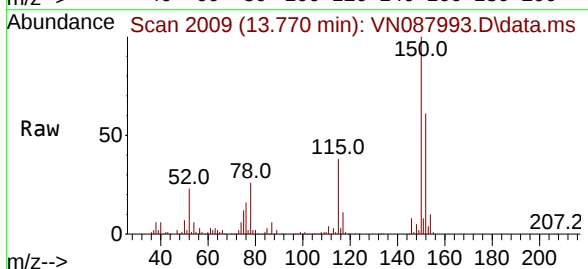
Tgt Ion:173 Resp: 4608
Ion Ratio Lower Upper
173 100
175 50.6 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
APPROVED

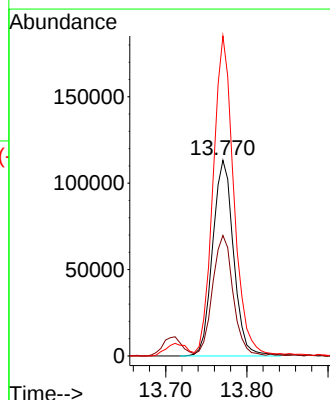
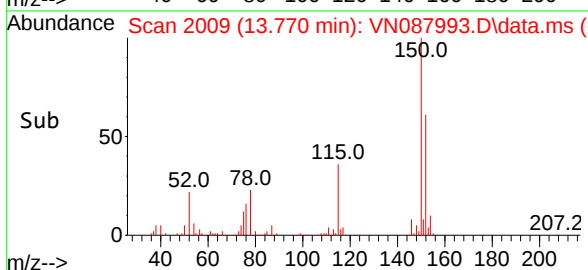
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

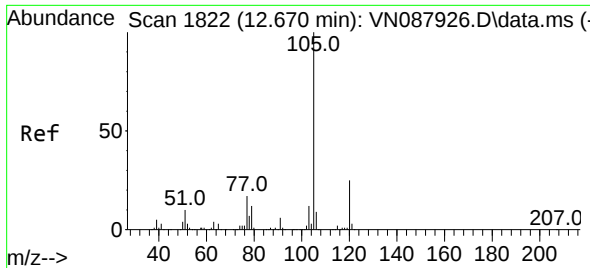


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



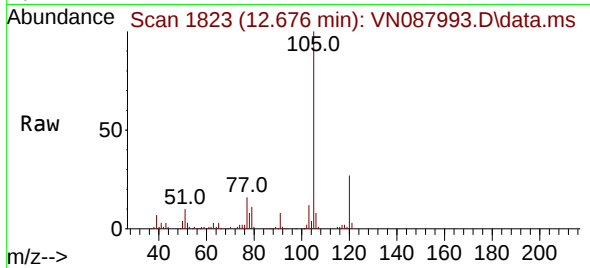
Tgt Ion:152 Resp: 202599
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 162.1 0.0 335.0





#73
Isopropylbenzene
Concen: 19.247 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

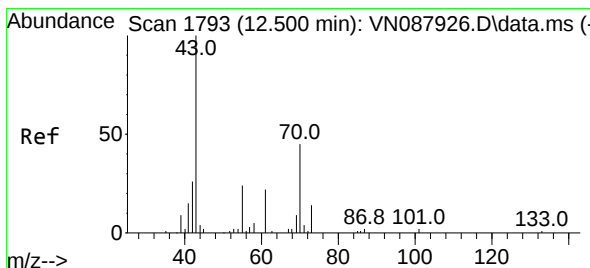
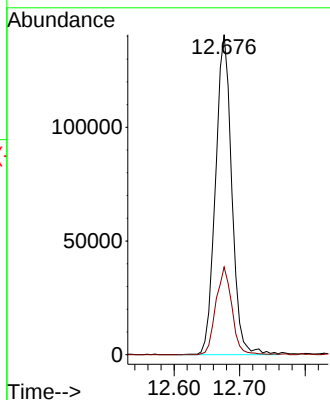
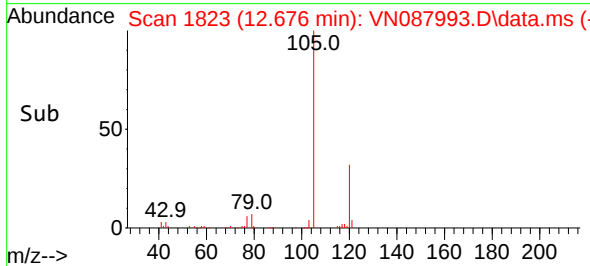
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 105 Resp: 241679
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

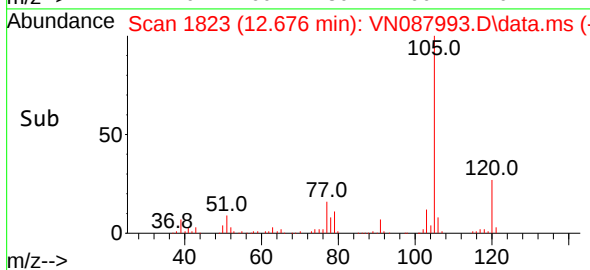
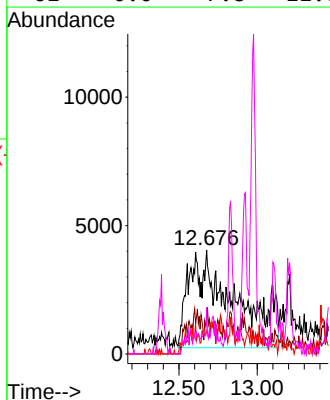
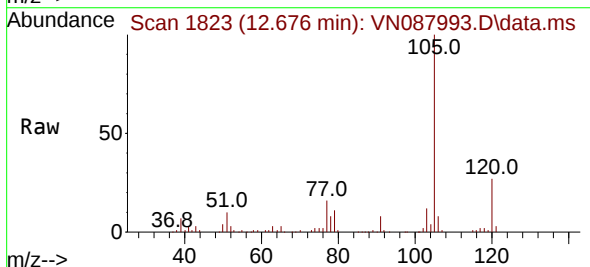
Manual Integrations
APPROVED

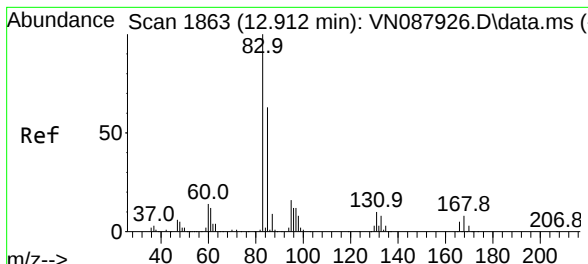
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#74
N-ethyl acetate
Concen: 18.412 ug/l m
RT: 12.676 min Scan# 1823
Delta R.T. 0.176 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Tgt Ion: 43 Resp: 76174
Ion Ratio Lower Upper
43 100
70 0.0 19.8 29.8#
55 0.1 9.6 14.4#
61 0.0 7.8 11.6#



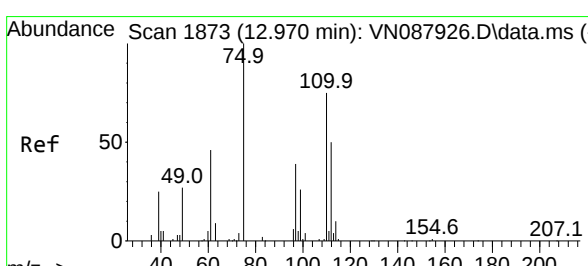
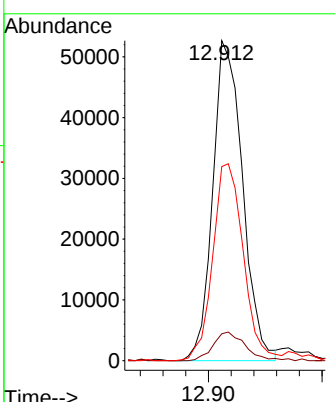
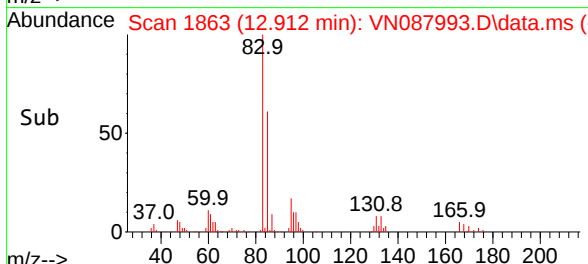
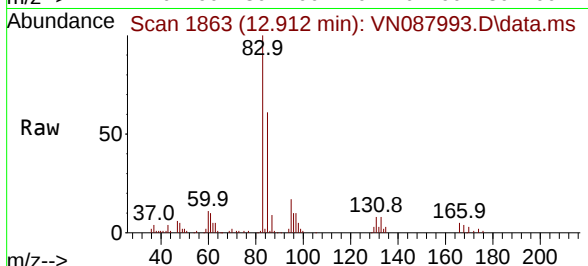


#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.220 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28

Instrument : MSVOA_N
 ClientSampleId : VN0930MBS01

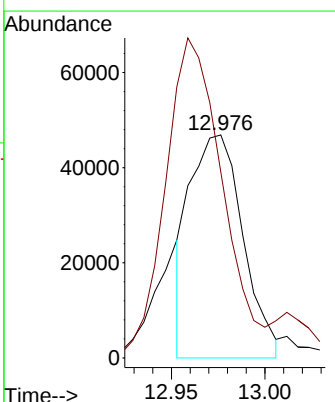
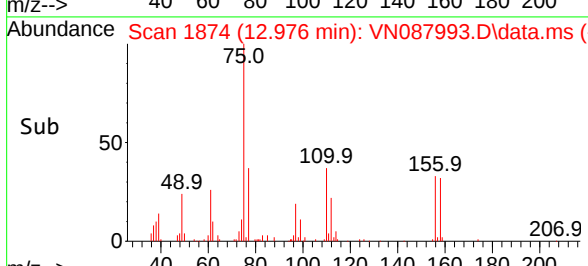
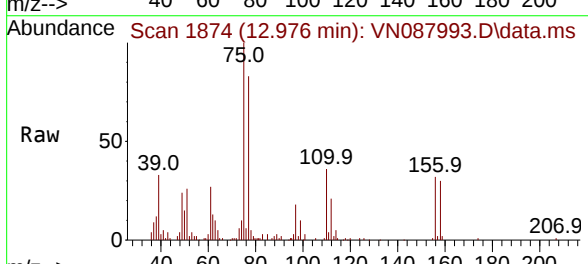
Tgt Ion:	83	Resp:	9600
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.2	15.6
85	63.2	32.4	97.0

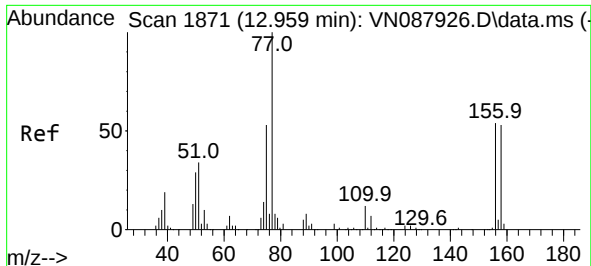
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#76
 1,2,3-Trichloropropane
 Concen: 23.106 ug/l m
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28

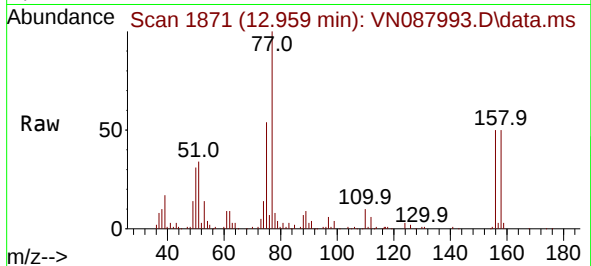
Tgt Ion:	75	Resp:	92276
Ion Ratio	Lower	Upper	
75	100		
77	152.6	89.5	268.5





#77
Bromobenzene
Concen: 19.534 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

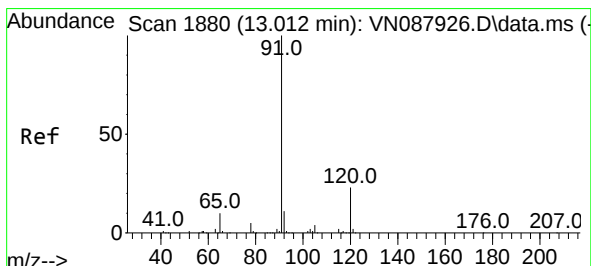
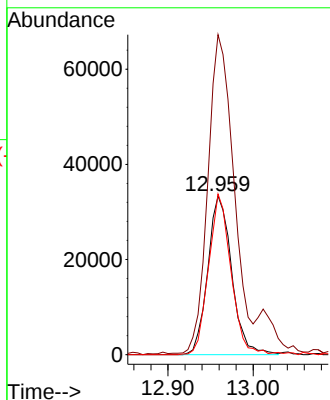
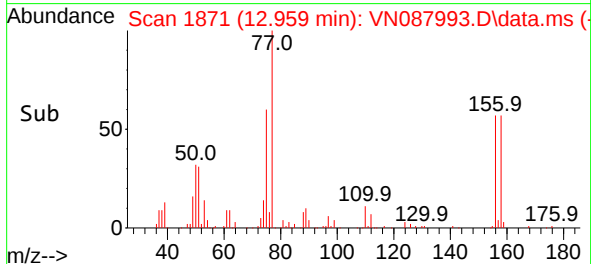
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



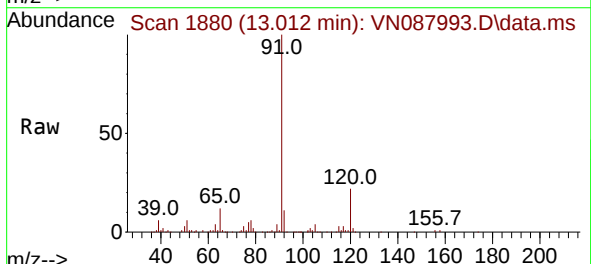
Tgt Ion:156 Resp: 65260
Ion Ratio Lower Upper
156 100
77 215.8 108.2 324.6
158 94.6 49.6 149.0

Manual Integrations
APPROVED

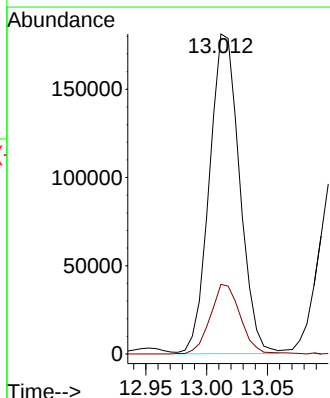
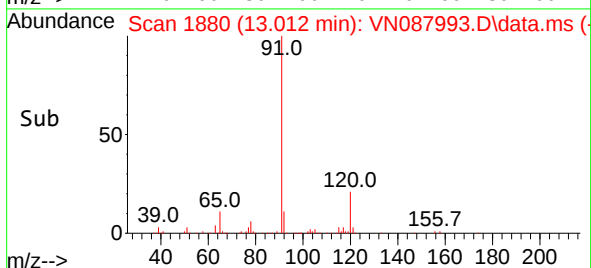
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

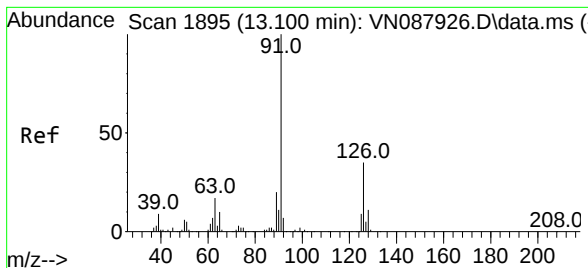


#78
n-propylbenzene
Concen: 19.911 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



Tgt Ion: 91 Resp: 312586
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.1





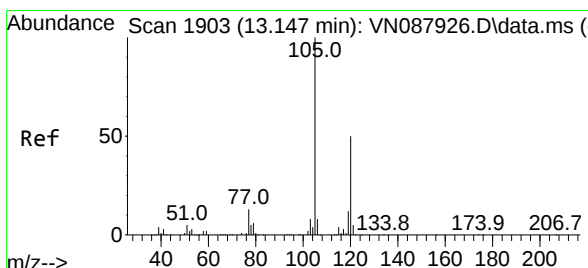
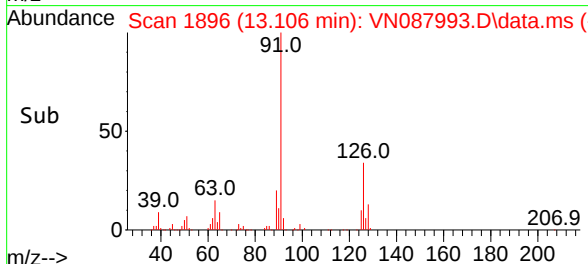
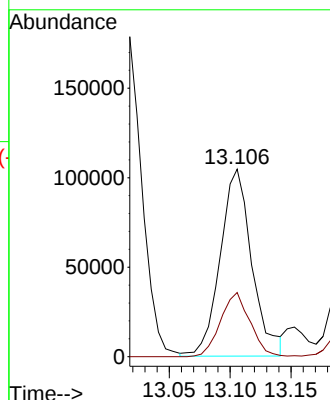
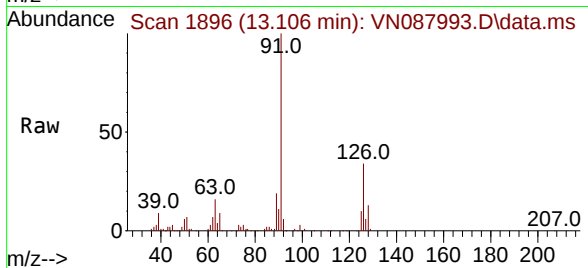
#79
2-Chlorotoluene
Concen: 19.826 ug/l
RT: 13.106 min Scan# 189510
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

Tgt Ion: 91 Resp: 189510
Ion Ratio Lower Upper
91 100
126 32.0 16.6 49.8

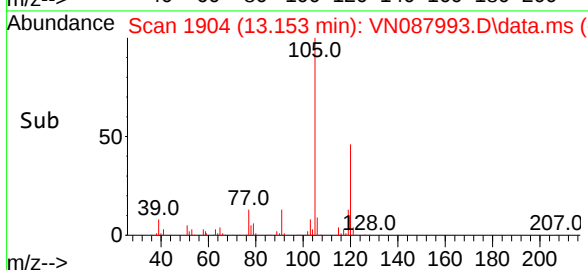
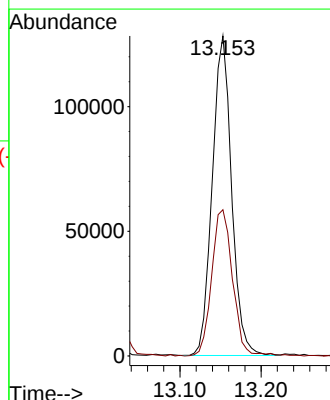
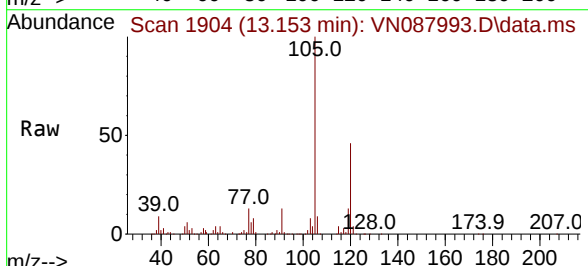
Manual Integrations
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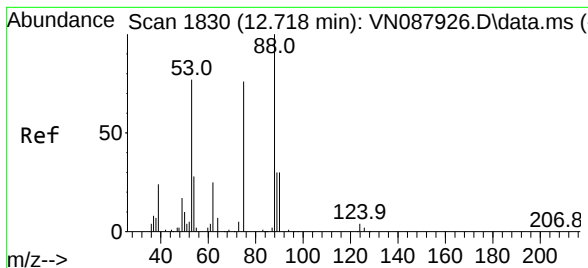
Reviewed By :John Carlone 10/01/2025
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#80
1,3,5-Trimethylbenzene
Concen: 19.500 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

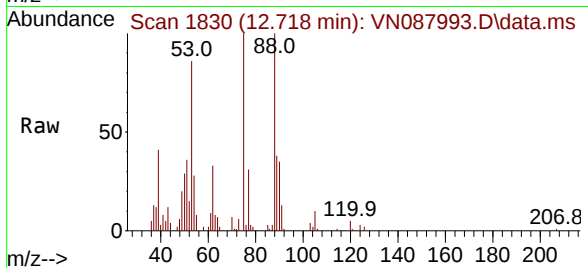
Tgt Ion:105 Resp: 211786
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.074 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

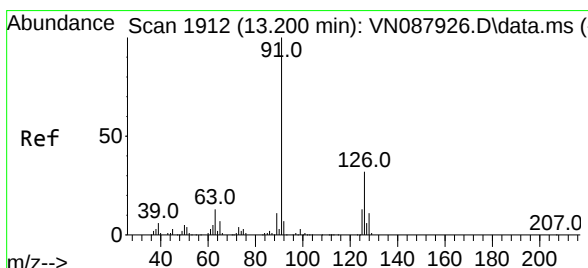
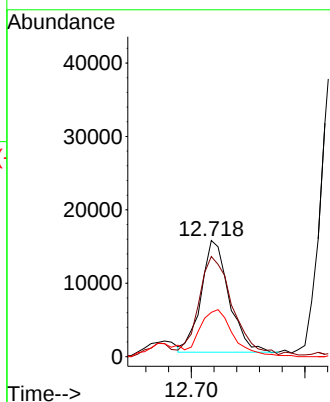
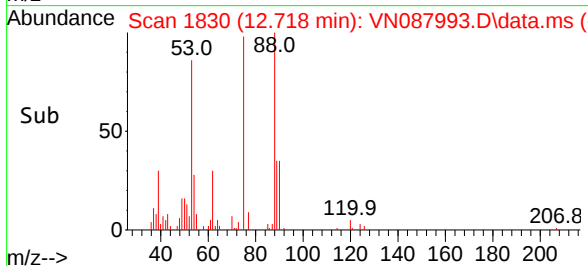
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion: 75 Resp: 25994
Ion Ratio Lower Upper
75 100
53 107.9 82.0 123.0
89 50.0 36.1 54.1

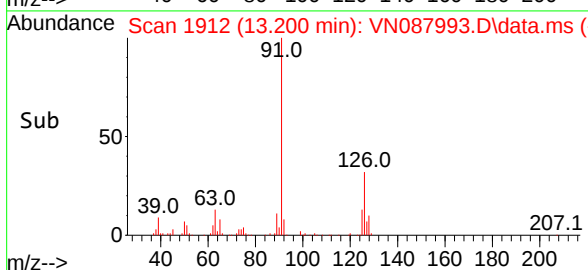
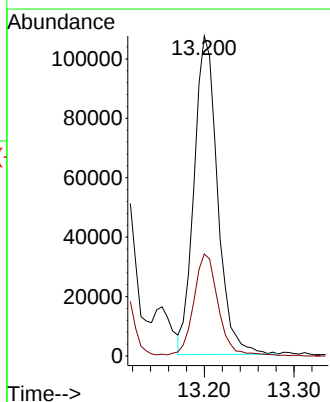
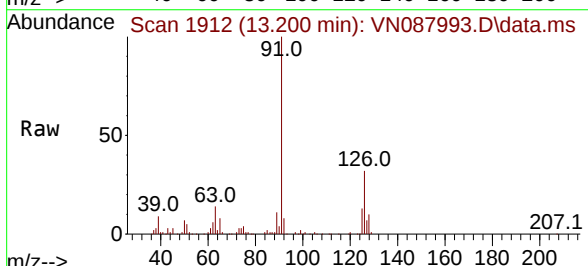
Manual Integrations
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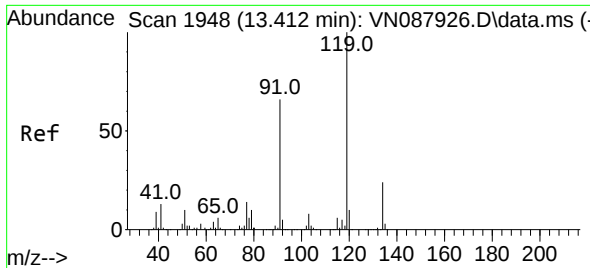
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 20.227 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

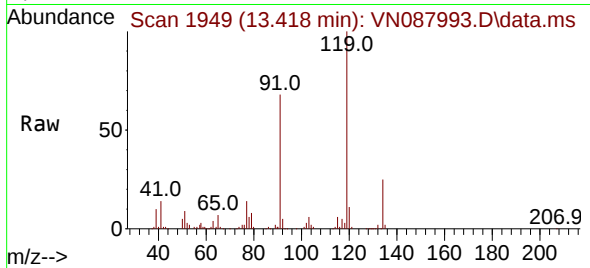
Tgt Ion: 91 Resp: 194823
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6





#83
tert-Butylbenzene
Concen: 19.748 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

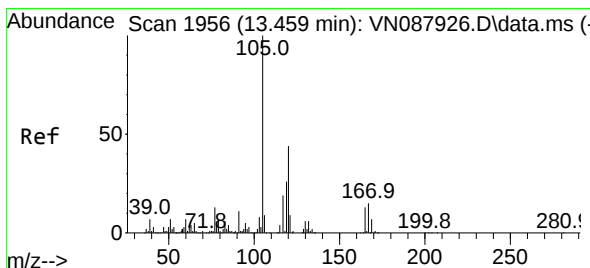
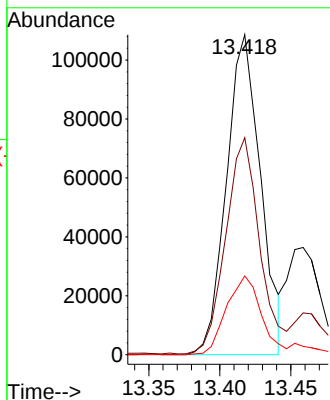
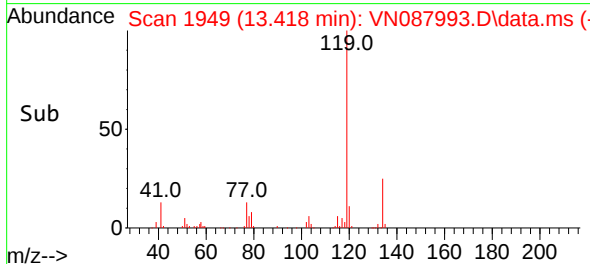
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



Tgt Ion:119 Resp: 18154
Ion Ratio Lower Upper
119 100
91 67.6 32.1 96.3
134 24.9 12.3 36.8

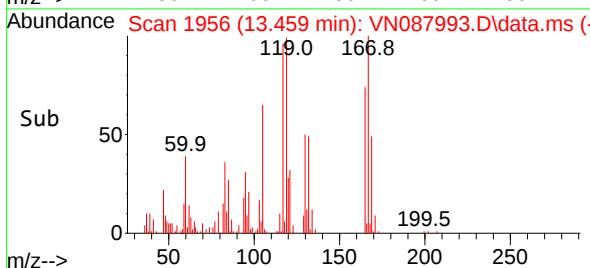
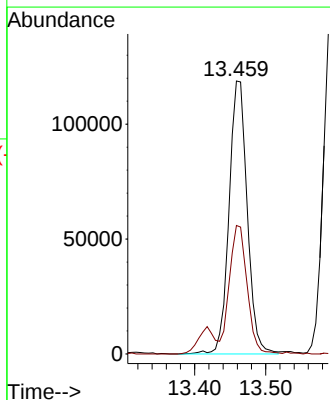
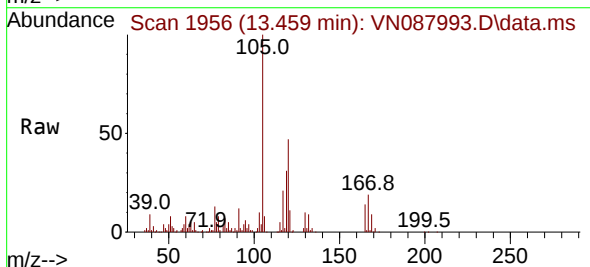
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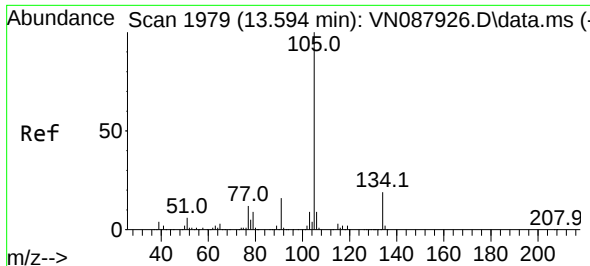
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 18.992 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

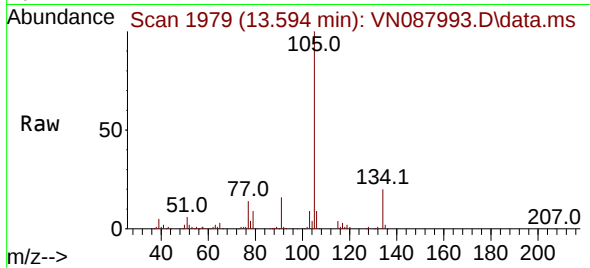
Tgt Ion:105 Resp: 211578
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.056 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28

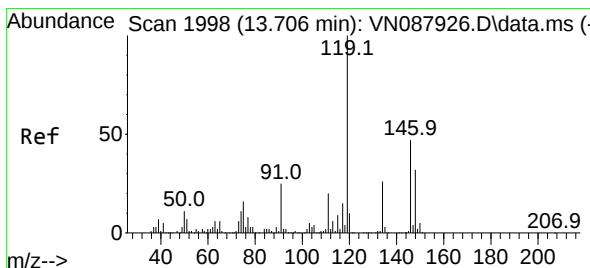
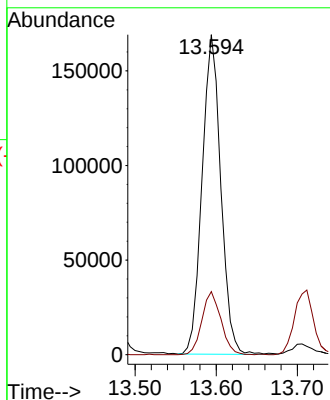
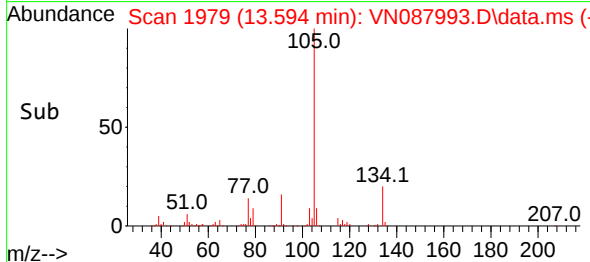
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01



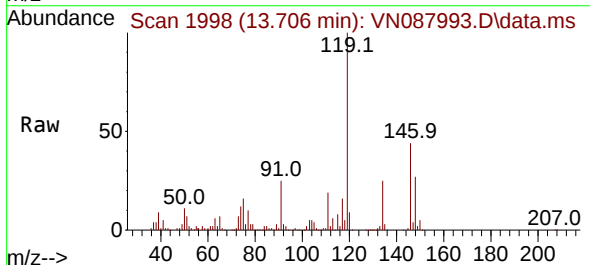
Tgt Ion:105 Resp: 27031
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.8

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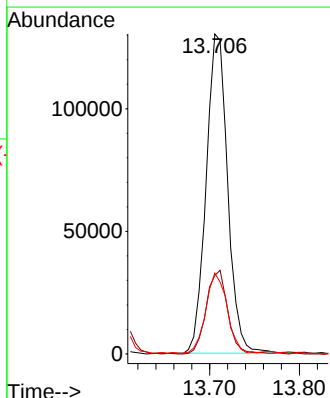
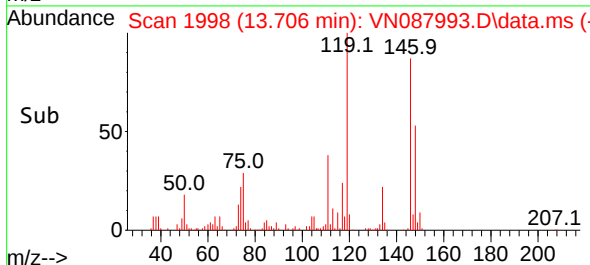
Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

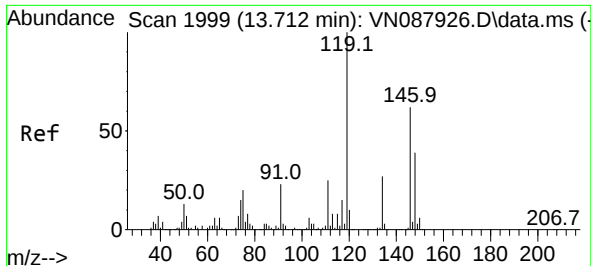


#86
 p-Isopropyltoluene
 Concen: 19.028 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087993.D
 Acq: 30 Sep 2025 11:28



Tgt Ion:119 Resp: 217208
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.089 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

Tgt Ion:146 Resp: 124450

Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.8

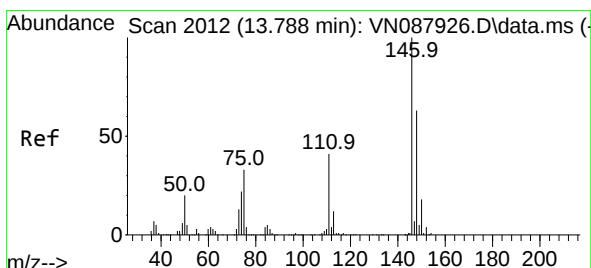
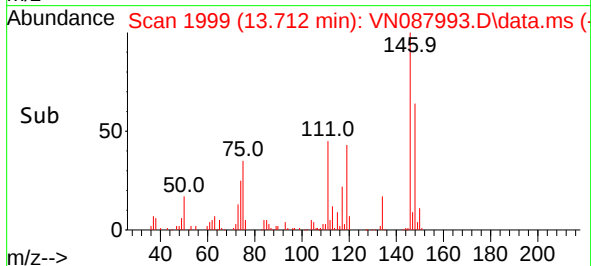
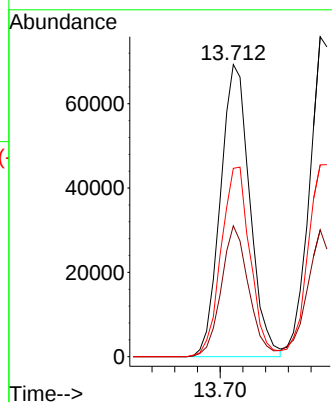
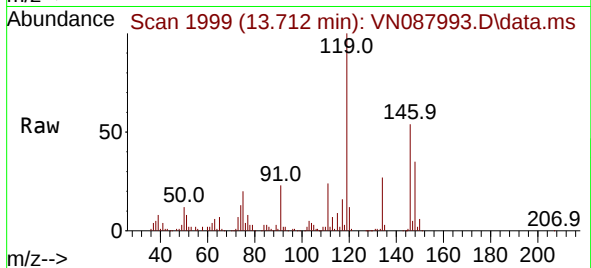
148 64.1 32.4 97.2

Manual Integrations

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Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#88

1,4-Dichlorobenzene

Concen: 19.598 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

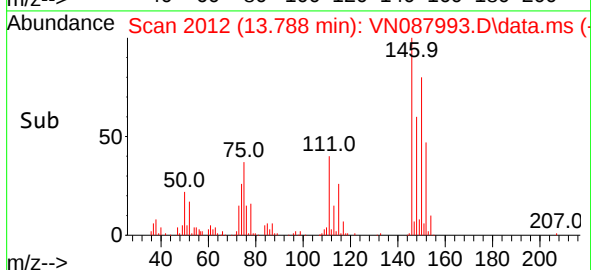
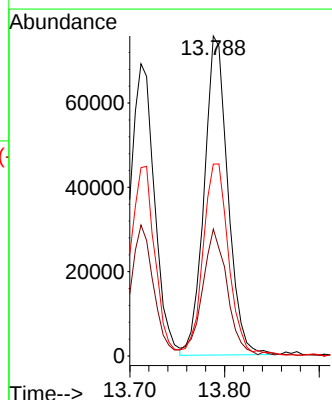
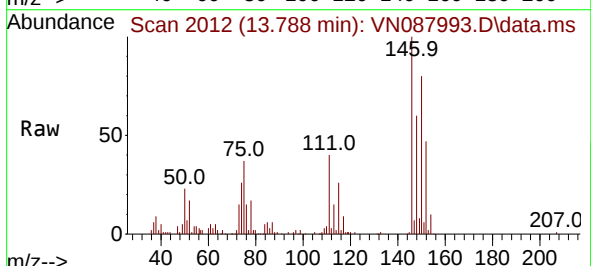
Tgt Ion:146 Resp: 131308

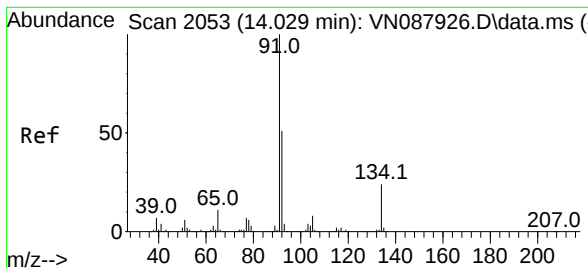
Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.5

148 65.4 32.8 98.4





#89

n-Butylbenzene

Concen: 19.572 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

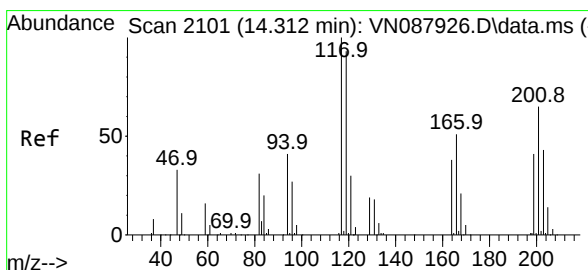
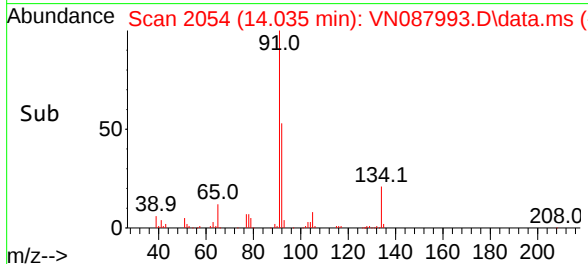
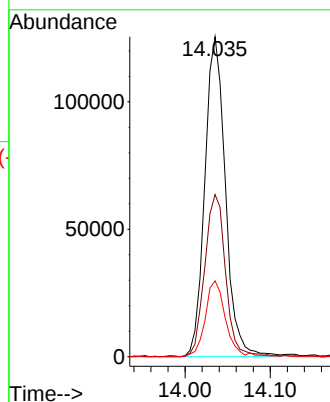
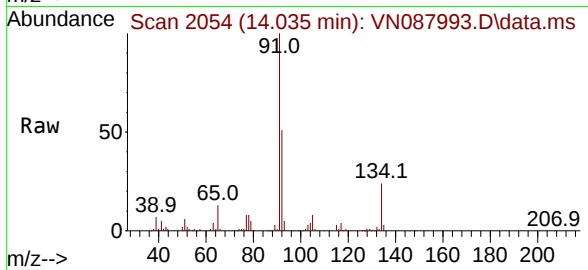
Tgt Ion: 91	Resp: 21114
Ion Ratio	Lower Upper
91	100
92	51.8 25.9 77.8
134	23.4 12.6 37.8

Manual Integrations

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Supervised By :Mahesh Dadoda 10/03/2025



#90

Hexachloroethane

Concen: 19.007 ug/l

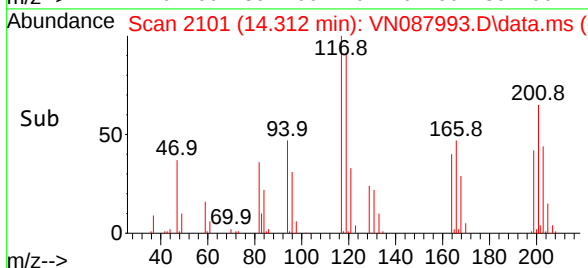
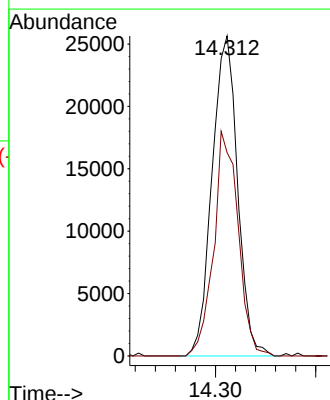
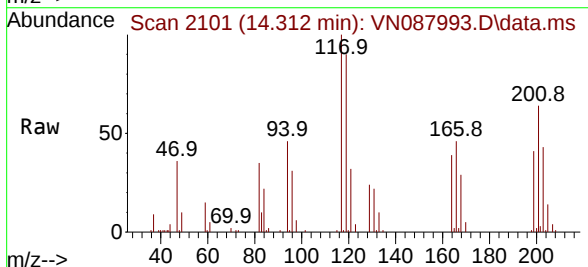
RT: 14.312 min Scan# 2101

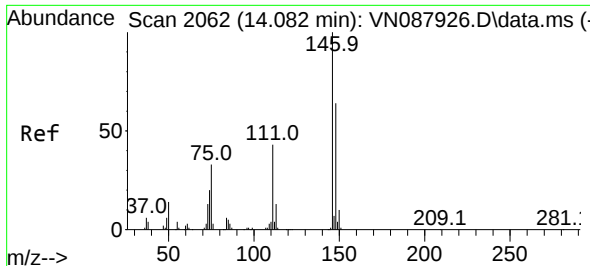
Delta R.T. 0.000 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

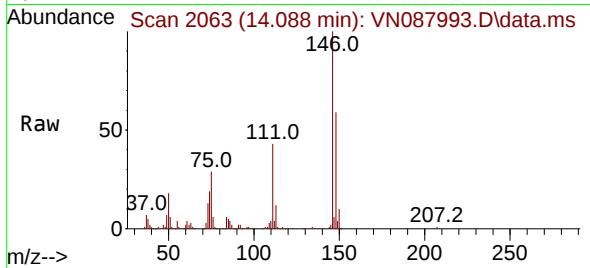
Tgt Ion:117	Resp: 45323
Ion Ratio	Lower Upper
117	100
201	67.2 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 19.005 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28

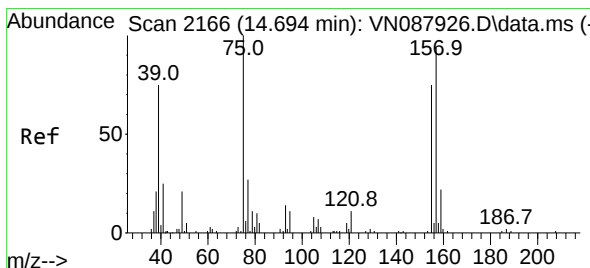
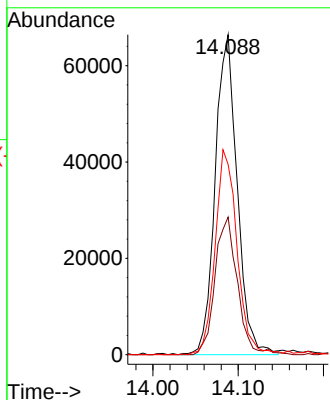
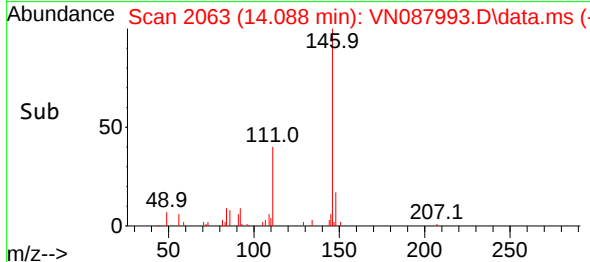
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01



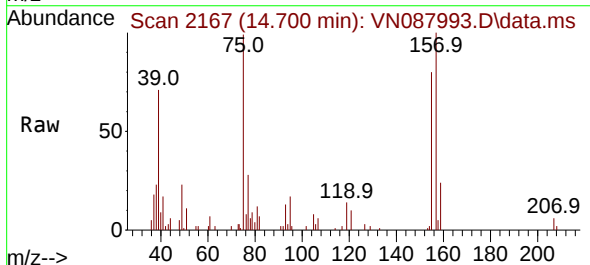
Tgt Ion:146 Resp: 11943
Ion Ratio Lower Upper
146 100
111 43.8 20.9 62.7
148 63.6 31.9 95.9

Manual Integrations
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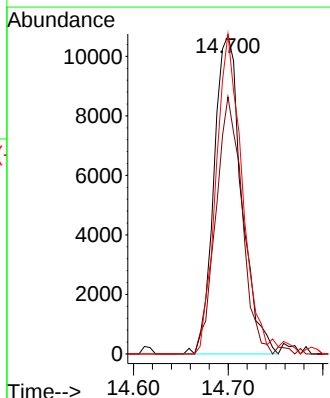
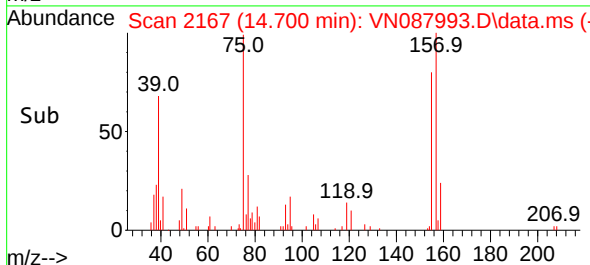
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

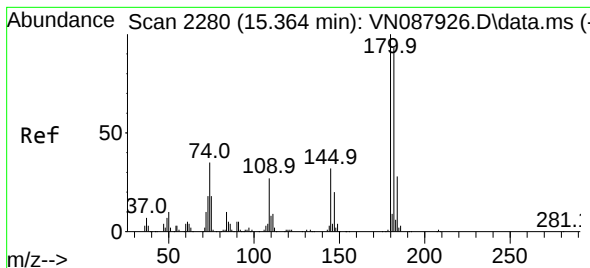


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.639 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087993.D
Acq: 30 Sep 2025 11:28



Tgt Ion: 75 Resp: 21696
Ion Ratio Lower Upper
75 100
155 76.4 40.2 120.6
157 97.1 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 19.464 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

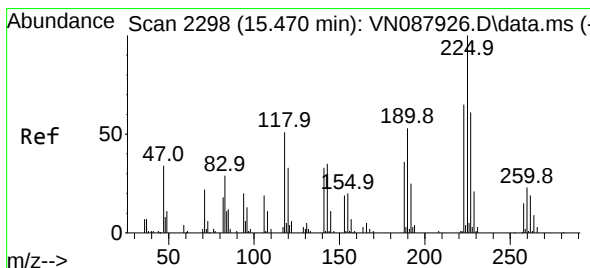
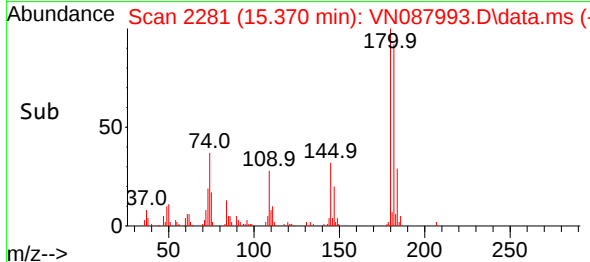
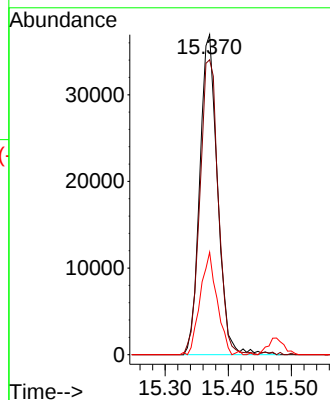
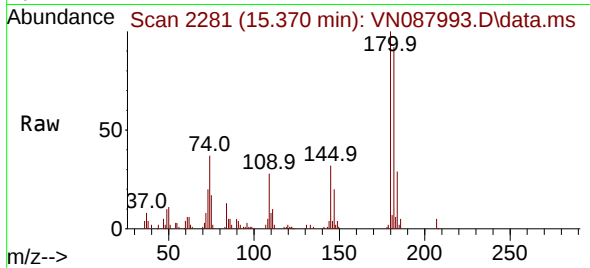
Tgt Ion:180	Resp:	7222
Ion Ratio	Lower	Upper
180	100	
182	94.9	48.5 145.5
145	30.2	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 19.605 ug/l

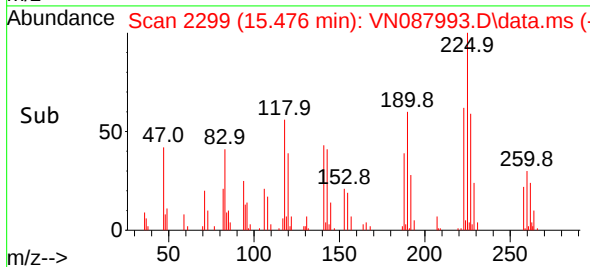
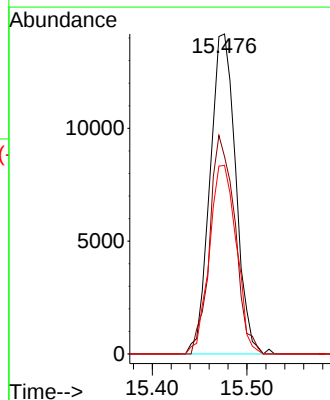
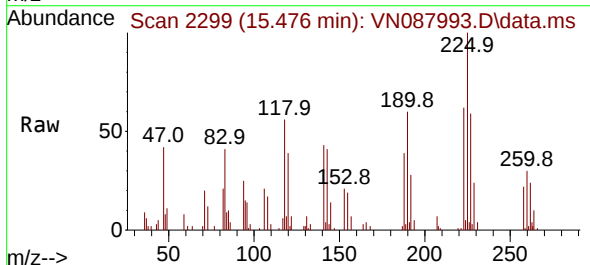
RT: 15.476 min Scan# 2299

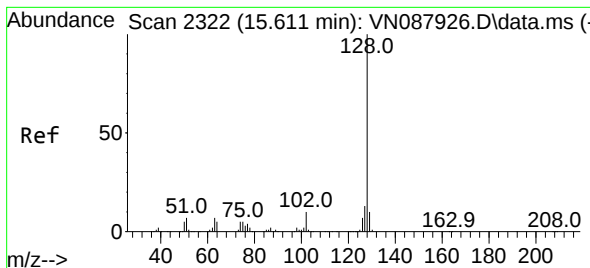
Delta R.T. 0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Tgt Ion:225	Resp:	26774
Ion Ratio	Lower	Upper
225	100	
223	66.7	31.8 95.4
227	61.8	31.9 95.9





#95

Naphthalene

Concen: 18.706 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

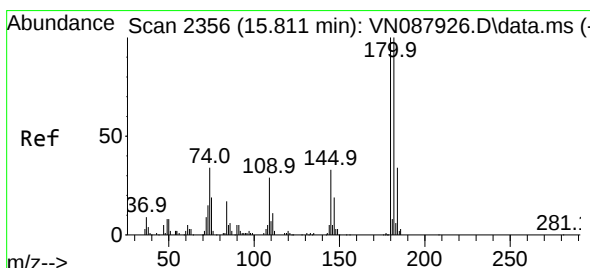
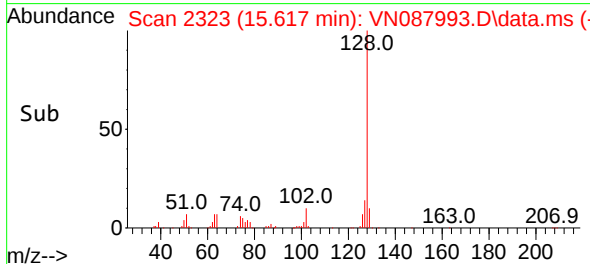
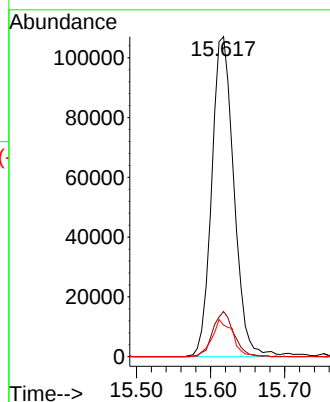
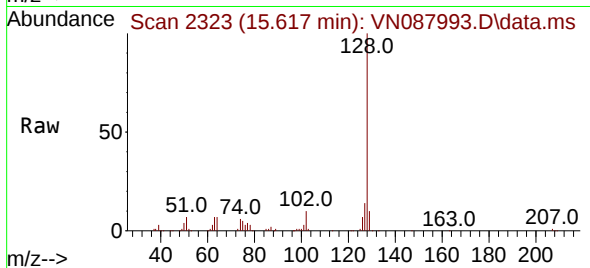
Tgt Ion:	128	Resp:	22279
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.520 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087993.D

Acq: 30 Sep 2025 11:28

Tgt Ion:	180	Resp:	70411
Ion Ratio	Lower	Upper	
180	100		
182	90.7	47.3	142.0
145	31.7	16.1	48.3

