

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087869.D
 Acq On : 17 Sep 2025 09:42
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 03:06:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	52147	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	281875	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	258937	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	130992	29.406	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.033%		
60) 4-Bromofluorobenzene	12.829	95	123908	29.761	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.200%		
63) Toluene-d8	10.547	98	347757	28.879	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.267%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	63728	19.663	ug/l	97
3) Chloromethane	2.383	50	51699	15.195	ug/l	97
4) Vinyl Chloride	2.536	62	58815	15.293	ug/l	92
5) Bromomethane	2.977	94	32049	14.205	ug/l	96
6) Chloroethane	3.136	64	37417	14.235	ug/l #	79
7) Trichlorofluoromethane	3.512	101	94114	16.695	ug/l	87
8) Diethyl Ether	3.959	74	34918	14.668	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	54116	17.723	ug/l	60
10) 1,1-Dichloroethene	4.336	96	51148	16.247	ug/l	94
11) Methyl Iodide	4.583	142	27462	12.324	ug/l	87
12) Methyl Acetate	5.018	43	93838	19.337	ug/l	95
13) Acrolein	4.177	56	100412	116.214	ug/l #	38
14) Acrylonitrile	5.712	53	189426	90.687	ug/l	97
15) Acetone	4.424	58	54742	84.010	ug/l	95
16) Carbon Disulfide	4.700	76	144116	16.674	ug/l #	93
17) Allyl chloride	5.018	41	88841m	17.278	ug/l	
18) Methylene Chloride	5.265	84	66255	18.580	ug/l	90
19) trans-1,2-Dichloroethene	5.765	96	57498	17.909	ug/l	96
20) Diisopropyl ether	6.659	45	211964	17.926	ug/l #	96
21) 1,1-Dichloroethane	6.553	63	118384	18.283	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	72845	18.692	ug/l	100
23) tert-Butyl Alcohol	5.518	59	68111	92.244	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	214645	19.098	ug/l #	80
25) Chloroform	7.947	83	126632	18.683	ug/l	88
26) Cyclohexane	8.236	56	91476	18.551	ug/l #	98
29) 1,1-Dichloropropene	8.347	75	81669	17.828	ug/l	97
30) 2-Butanone	7.465	43	278175	88.150	ug/l	99
31) 2,2-Dichloropropane	7.471	77	114169	20.675	ug/l #	78
32) 1,1,1-Trichloroethane	8.153	97	109869	18.918	ug/l	96
33) Carbon Tetrachloride	8.341	117	91042	18.801	ug/l	89
34) Benzene	8.588	78	260993	17.628	ug/l #	91
35) Methacrylonitrile	7.759	41	56919	17.244	ug/l	96
36) 1,2-Dichloroethane	8.653	62	99931	17.869	ug/l	98
37) Trichloroethene	9.335	130	63179	19.090	ug/l	93
38) Methylcyclohexane	9.583	83	93569	18.550	ug/l	95
39) 1,2-Dichloropropane	9.600	63	66336	17.494	ug/l	90
40) Dibromomethane	9.688	93	50151	17.772	ug/l	96
41) Bromodichloromethane	9.871	83	102024	17.689	ug/l #	93
42) Vinyl Acetate	6.589	43	873112	82.808	ug/l	98

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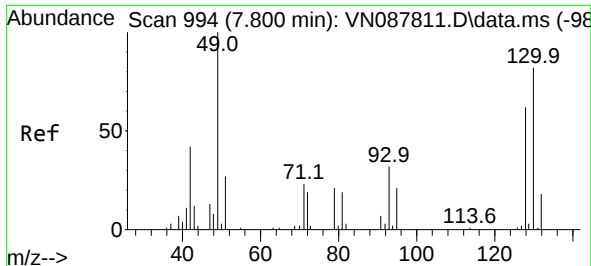
Manual Integrations
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Quant Time: Sep 18 03:06:05 2025
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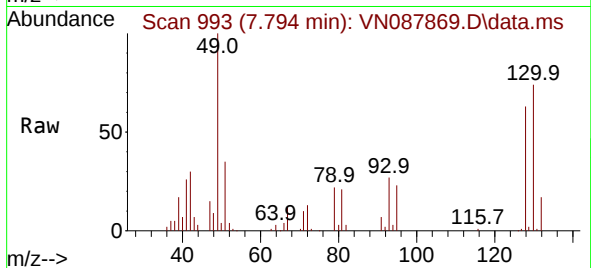
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	111034	17.221	ug/l	99
44) Isopropyl Acetate	8.671	43	173222	17.138	ug/l	99
45) 1,4-Dioxane	9.677	88	22600	354.558	ug/l #	79
46) Methyl methacrylate	9.665	41	78333	16.814	ug/l	93
47) n-amyl Acetate	12.618	43	103656m	15.176	ug/l	
48) t-1,3-Dichloropropene	10.818	75	102141	17.051	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	109669	17.874	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	67907	18.631	ug/l	97
51) Ethyl methacrylate	10.853	69	96353	16.987	ug/l	94
52) 1,3-Dichloropropane	11.141	76	110479	17.456	ug/l	98
53) Dibromochloromethane	11.335	129	75842	18.558	ug/l	91
54) 1,2-Dibromoethane	11.447	107	68595	18.087	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	290841	89.490	ug/l	98
56) Bromoform	12.565	173	49888	18.693	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	548165	89.532	ug/l	99
59) 2-Hexanone	11.177	43	353570	88.377	ug/l	96
61) Tetrachloroethene	11.082	164	50927	19.754	ug/l	96
62) Toluene	10.606	91	286562	18.296	ug/l	100
64) Chlorobenzene	11.871	112	179893	18.713	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	65113	19.239	ug/l	98
66) Ethyl Benzene	11.941	91	314293m	18.600	ug/l	
67) m/p-Xylenes	12.053	106	233991	37.305	ug/l	93
68) o-Xylene	12.376	106	110935	18.241	ug/l	95
69) Styrene	12.394	104	191265	18.095	ug/l	97
70) Isopropylbenzene	12.671	105	294417	19.093	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	103192	18.614	ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	96909m	17.804	ug/l	
73) Bromobenzene	12.959	156	71265	18.889	ug/l	92
74) n-propylbenzene	13.012	91	369477	18.990	ug/l	100
75) 2-Chlorotoluene	13.100	91	220111	18.796	ug/l	96
76) 1,3,5-Trimethylbenzene	13.153	105	249532	19.162	ug/l	95
77) t-1,4-Dichloro-2-butene	12.718	75	34144m	18.585	ug/l	
78) 4-Chlorotoluene	13.200	91	214620	18.179	ug/l	97
79) tert-butylbenzene	13.418	119	217594	19.953	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	251183	18.815	ug/l	96
81) sec-Butylbenzene	13.594	105	322425	20.100	ug/l	97
82) p-Isopropyltoluene	13.706	119	268282	20.299	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	142978	19.657	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	147719	20.261	ug/l	99
85) n-Butylbenzene	14.035	91	252165	19.849	ug/l	99
86) Hexachloroethane	14.306	117	53724	20.013	ug/l	94
87) 1,2-Dichlorobenzene	14.082	146	140678	20.507	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.700	75	22720	18.468	ug/l	89
89) 1,2,4-Trichlorobenzene	15.812	180	78987	20.244	ug/l	95
90) Hexachlorobutadiene	15.470	225	29826	22.803	ug/l	94
91) Naphthalene	15.612	128	268102	18.665	ug/l	98
92) 1,2,3-Trichlorobenzene	15.812	180	78987	20.244	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

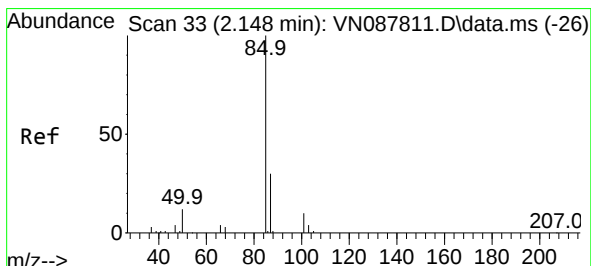
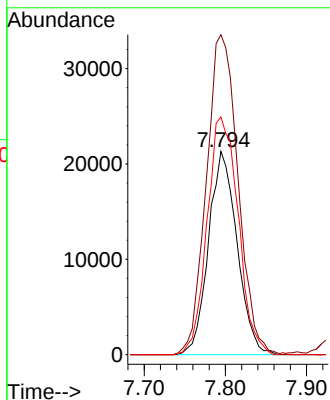
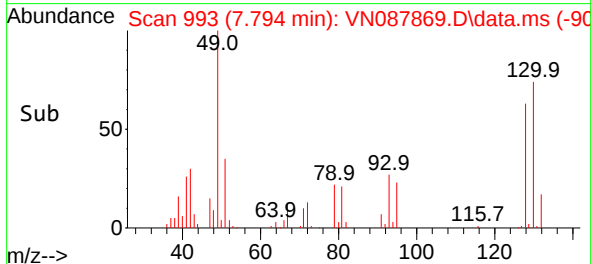
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 5214
Ion Ratio Lower Upper
128 100
49 174.3 0.0 464.3
130 127.3 0.0 300.5

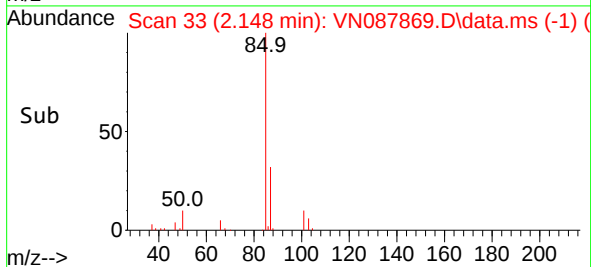
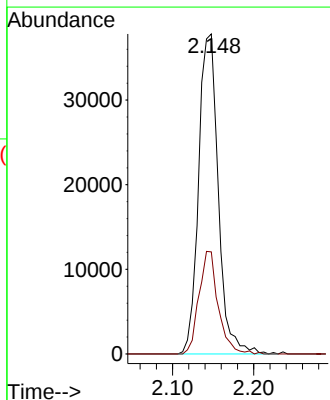
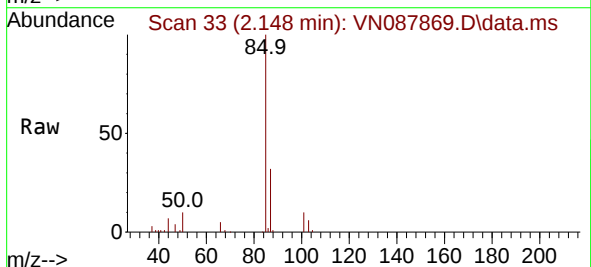
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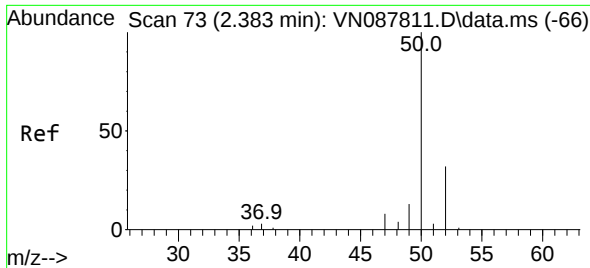
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 19.663 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

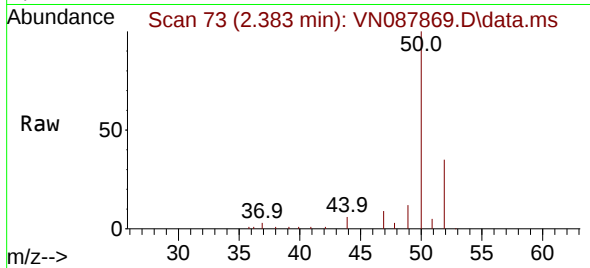
Tgt Ion: 85 Resp: 63728
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.4





#3
Chloromethane
Concen: 15.195 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

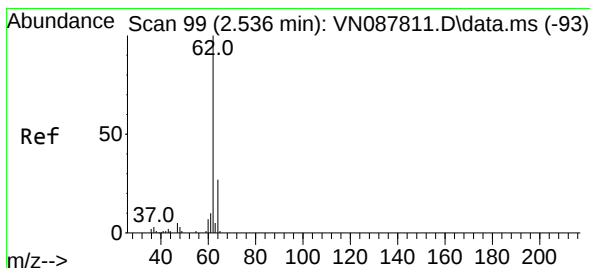
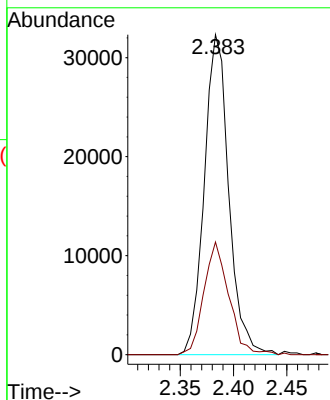
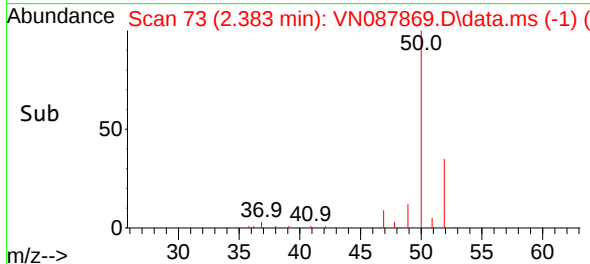
Instrument :
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ClientSampleId :
VSTDCCC020



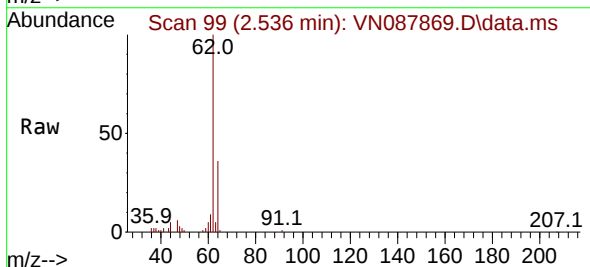
Tgt Ion: 50 Resp: 51699
Ion Ratio Lower Upper
50 100
52 35.2 26.6 40.0

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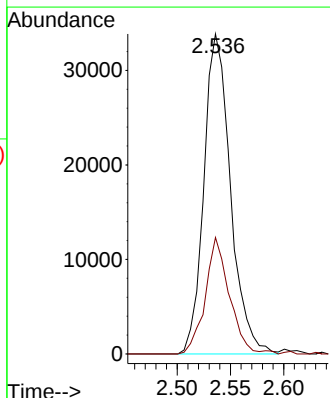
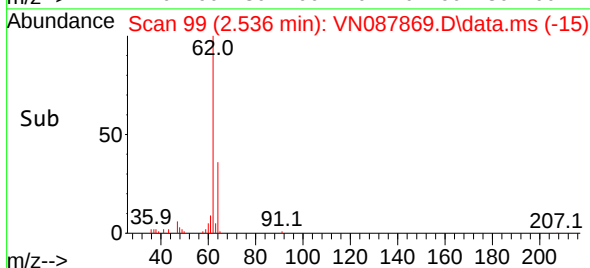
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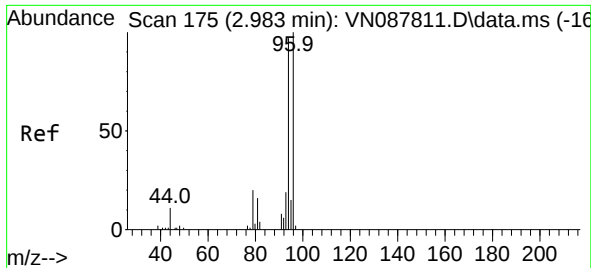


#4
Vinyl Chloride
Concen: 15.293 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



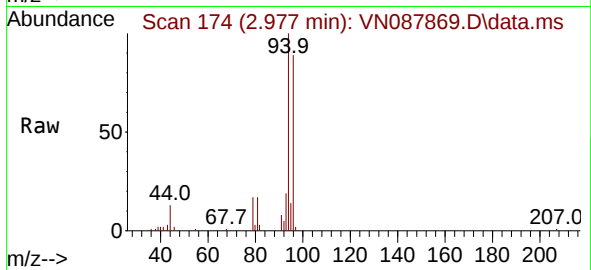
Tgt Ion: 62 Resp: 58815
Ion Ratio Lower Upper
62 100
64 36.4 25.5 38.3





#5
Bromomethane
Concen: 14.205 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

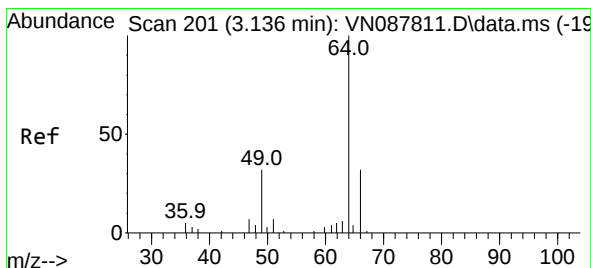
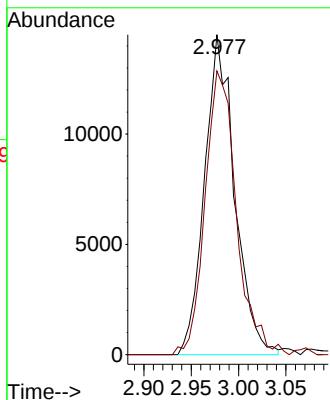
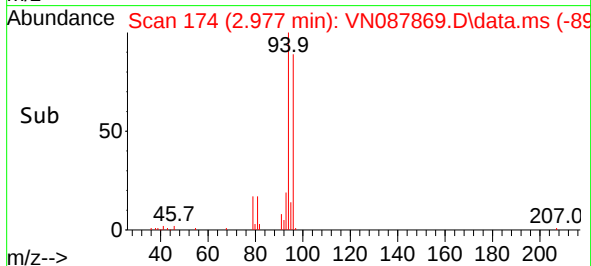
Instrument :
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Tgt Ion: 94 Resp: 32049
Ion Ratio Lower Upper
94 100
96 86.2 72.2 108.4

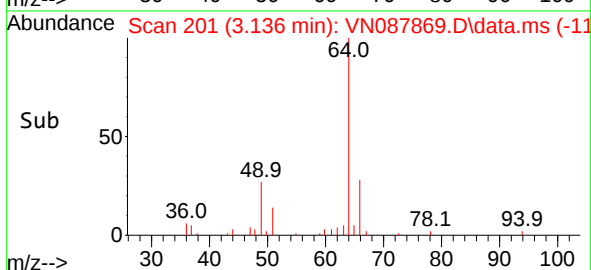
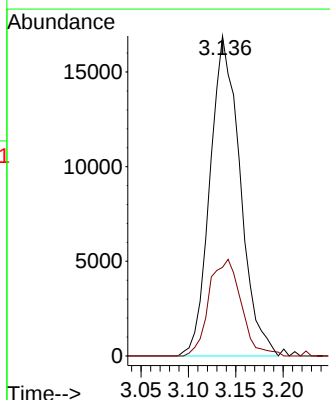
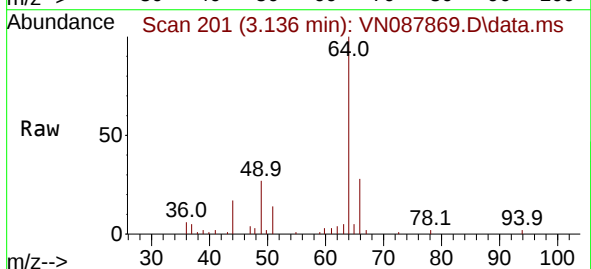
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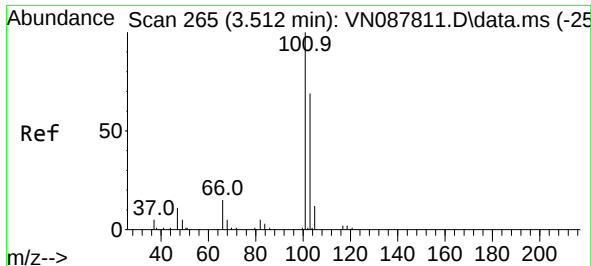
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#6
Chloroethane
Concen: 14.235 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion: 64 Resp: 37417
Ion Ratio Lower Upper
64 100
66 27.7 32.8 49.2#





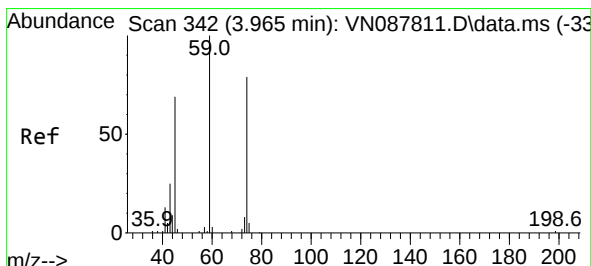
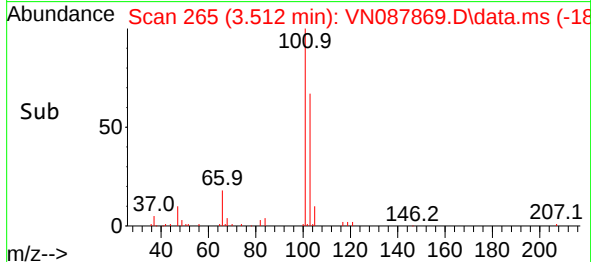
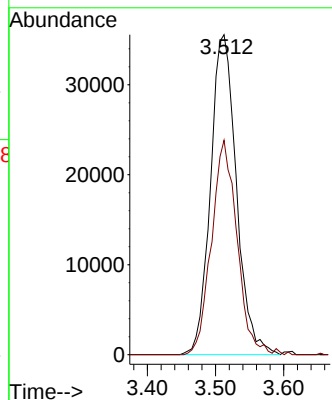
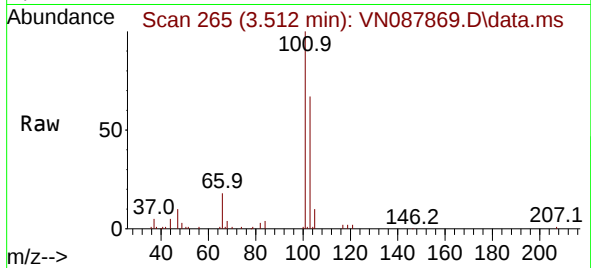
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 Trichlorofluoromethane
 Concen: 16.695 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN087869.D
 Acq: 17 Sep 2025 09:42

Instrument :
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Tgt Ion:101 Resp: 94114
 Ion Ratio Lower Upper
 101 100
 103 67.0 45.7 68.5

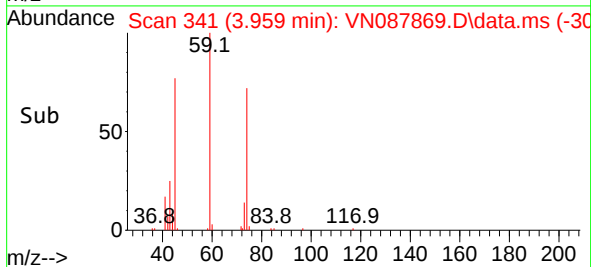
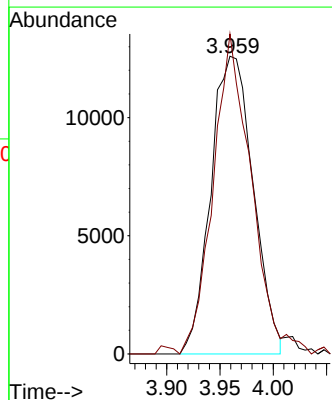
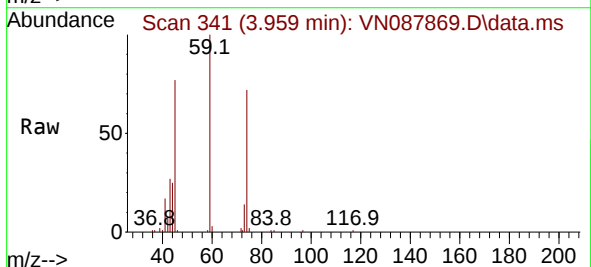
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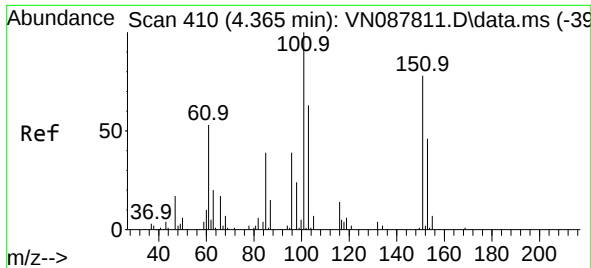
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#8
 Diethyl Ether
 Concen: 14.668 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087869.D
 Acq: 17 Sep 2025 09:42

Tgt Ion: 74 Resp: 34918
 Ion Ratio Lower Upper
 74 100
 45 94.1 20.4 183.8





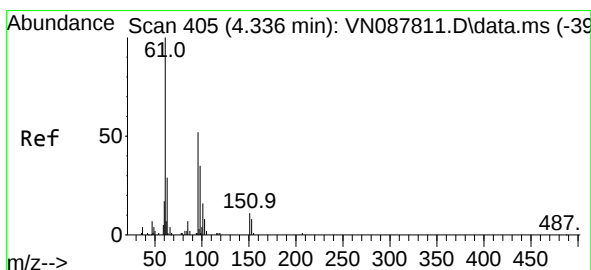
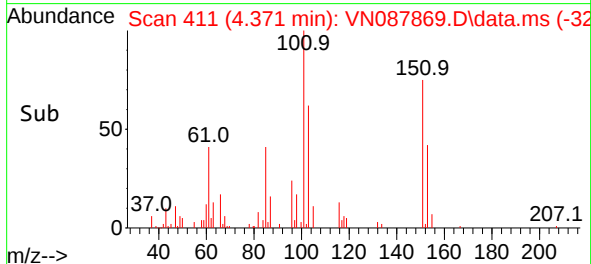
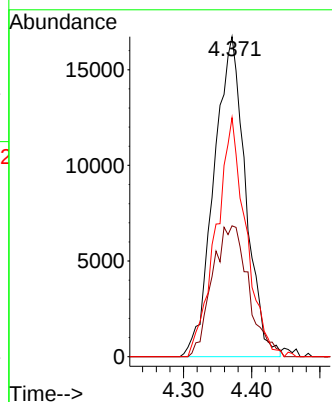
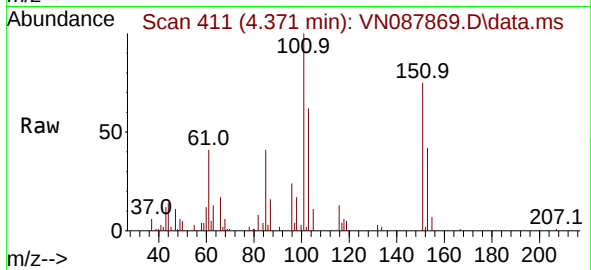
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.723 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 54110
Ion Ratio Lower Upper
101 100
85 22.7 0.0 95.6
151 70.4 0.0 85.8

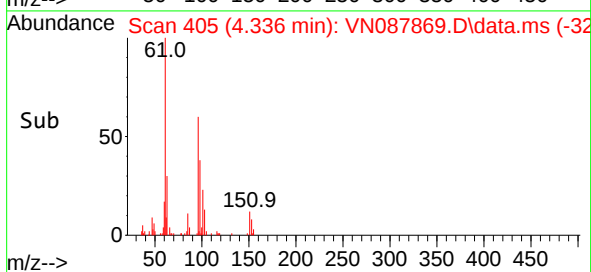
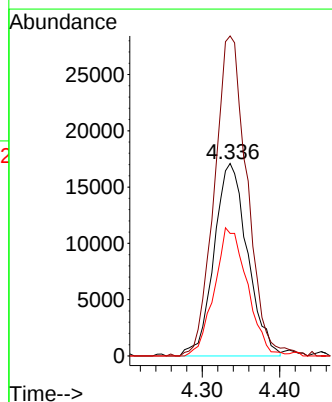
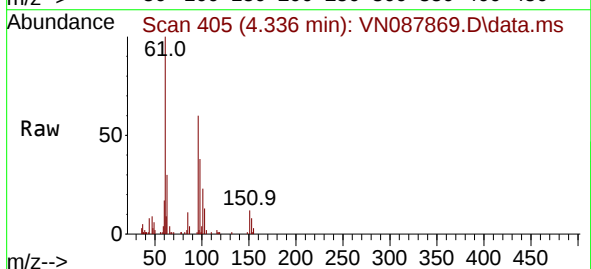
Manual Integrations
APPROVED

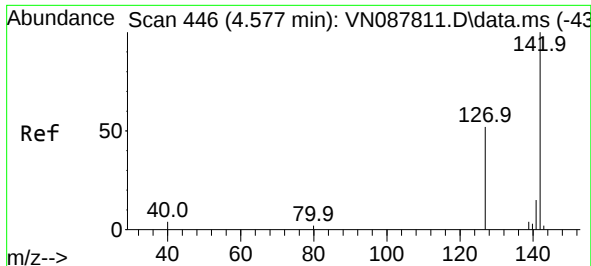
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#10
1,1-Dichloroethene
Concen: 16.247 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

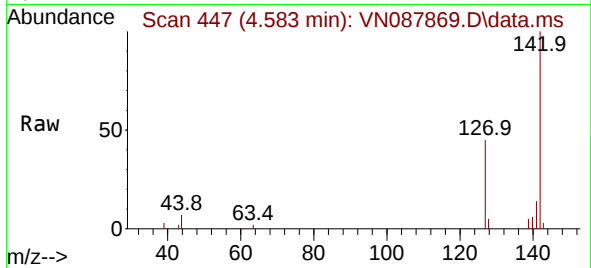
Tgt Ion: 96 Resp: 51148
Ion Ratio Lower Upper
96 100
61 166.2 135.9 203.9
98 63.7 59.2 88.8





#11
Methyl Iodide
Concen: 12.324 ug/l
RT: 4.583 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

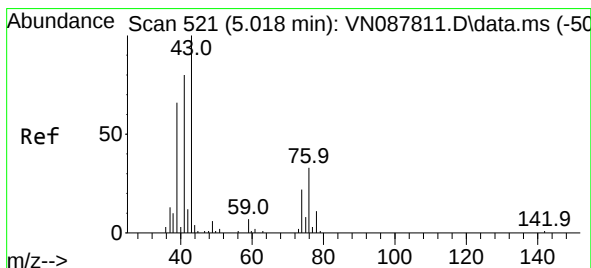
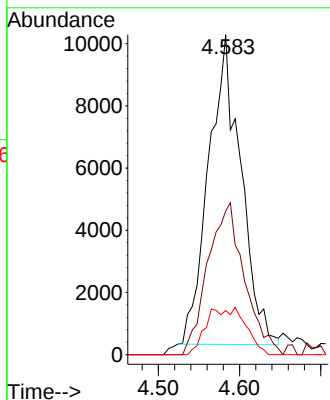
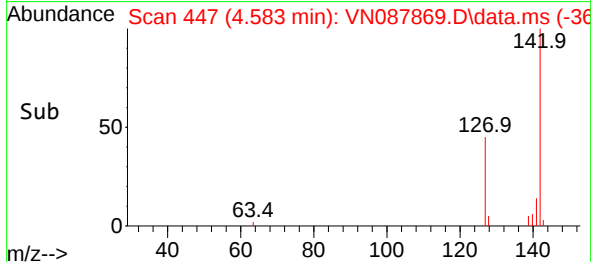
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 27462
Ion Ratio Lower Upper
142 100
127 45.9 27.9 83.7
141 14.4 9.6 28.8

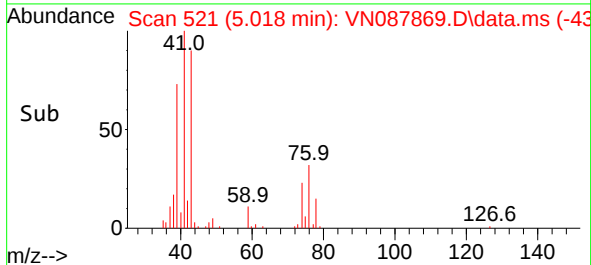
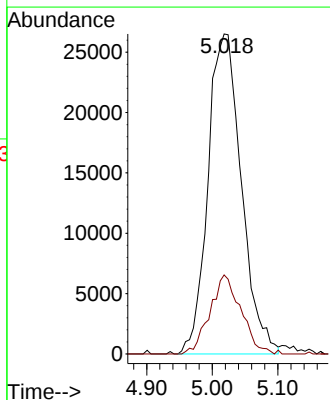
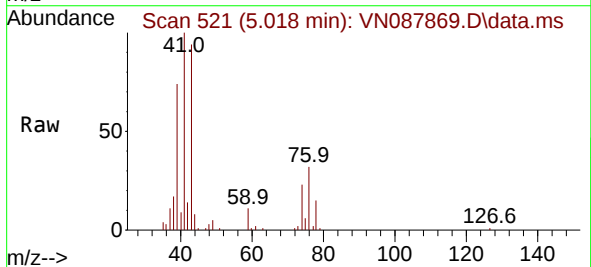
Manual Integrations
APPROVED

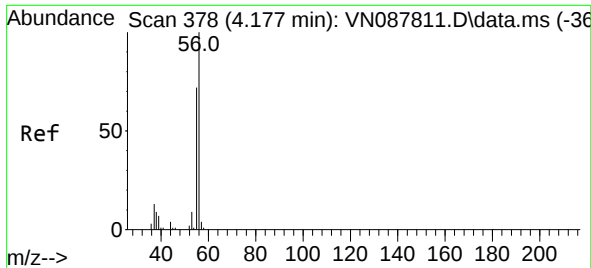
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#12
Methyl Acetate
Concen: 19.337 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

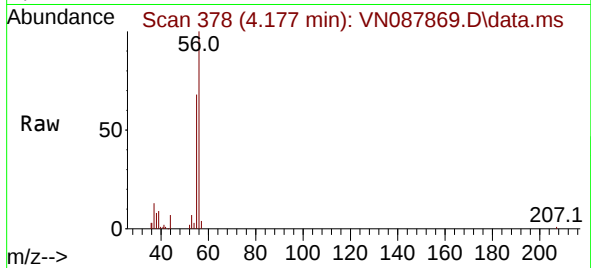
Tgt Ion: 43 Resp: 93838
Ion Ratio Lower Upper
43 100
74 24.4 17.5 26.3





#13
Acrolein
Concen: 116.214 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

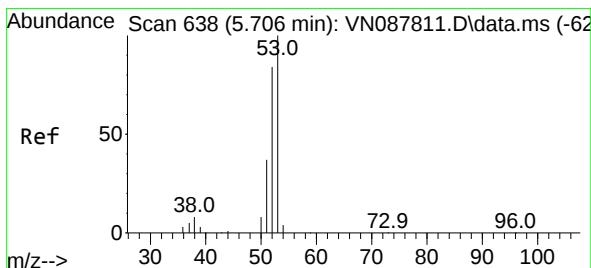
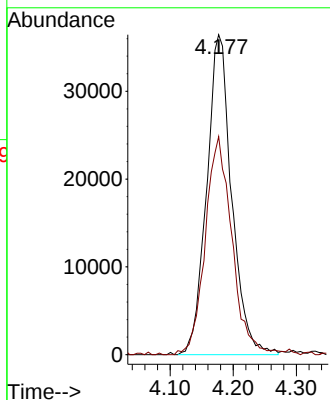
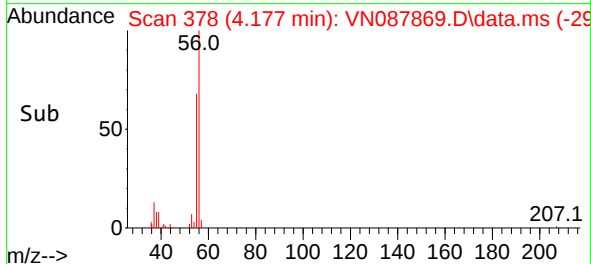
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



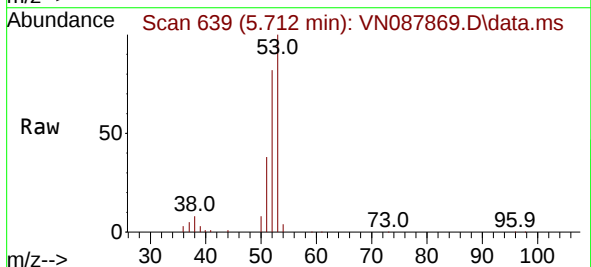
Tgt Ion: 56 Resp: 100412
Ion Ratio Lower Upper
56 100
55 72.1 28.6 42.8

Manual Integrations
APPROVED

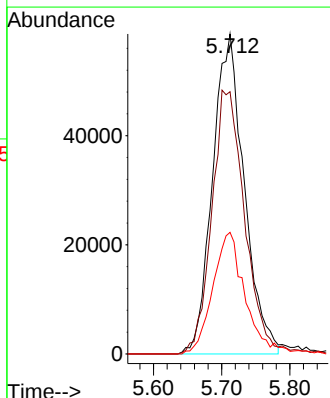
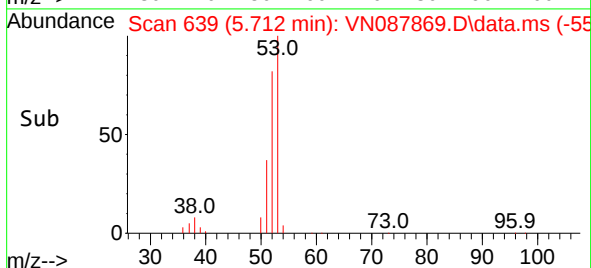
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

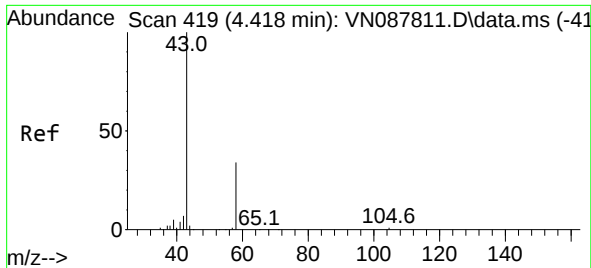


#14
Acrylonitrile
Concen: 90.687 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



Tgt Ion: 53 Resp: 189426
Ion Ratio Lower Upper
53 100
52 84.7 40.9 122.7
51 37.4 18.1 54.1





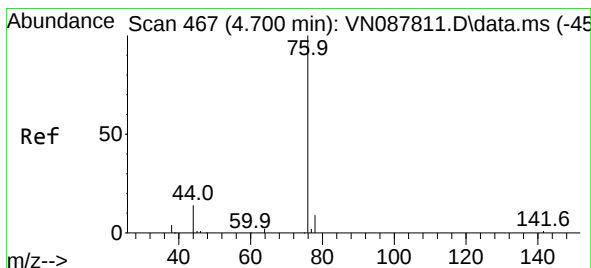
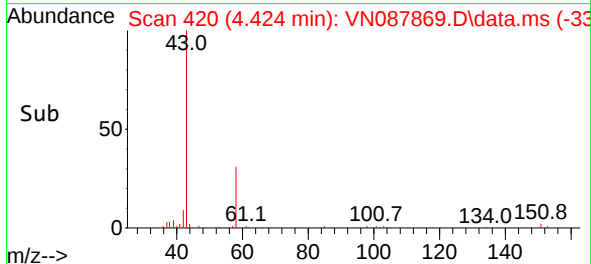
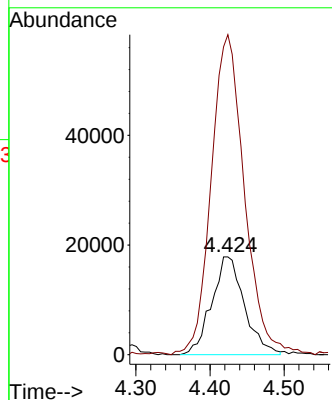
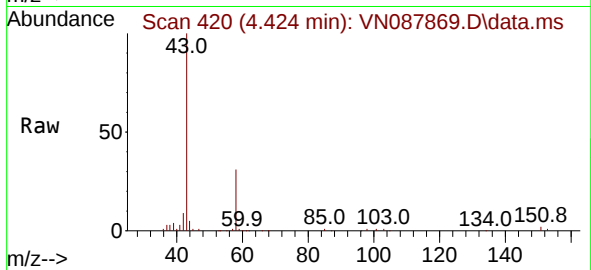
#15
Acetone
Concen: 84.010 ug/l
RT: 4.424 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 5474
Ion Ratio Lower Upper
58 100
43 323.8 250.6 376.0

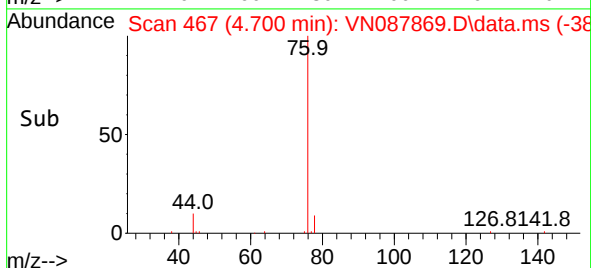
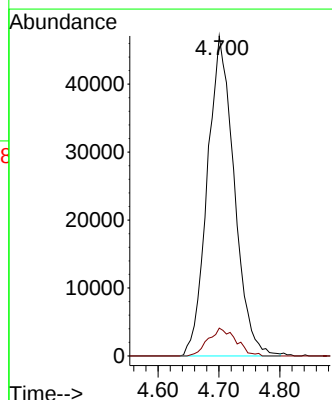
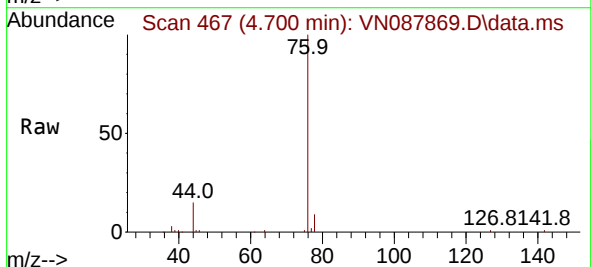
Manual Integrations
APPROVED

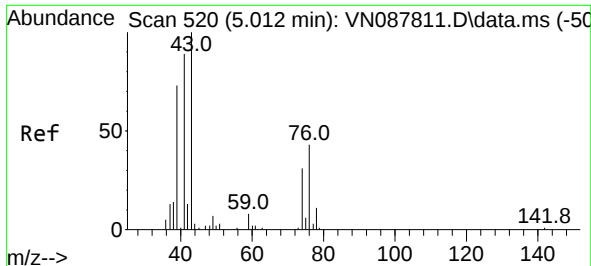
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#16
Carbon Disulfide
Concen: 16.674 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion: 76 Resp: 144116
Ion Ratio Lower Upper
76 100
78 8.7 5.0 7.6#





#17

Allyl chloride

Concen: 17.278 ug/l m

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 8884

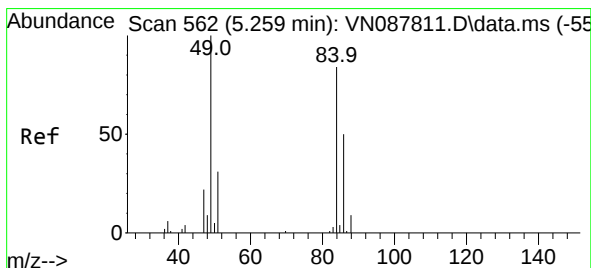
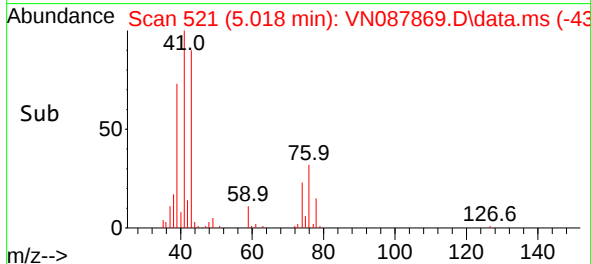
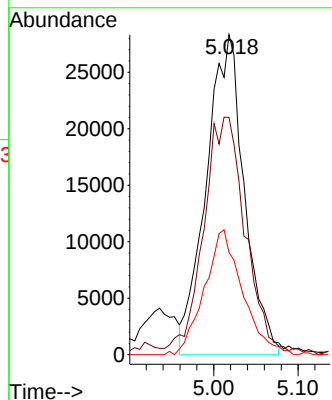
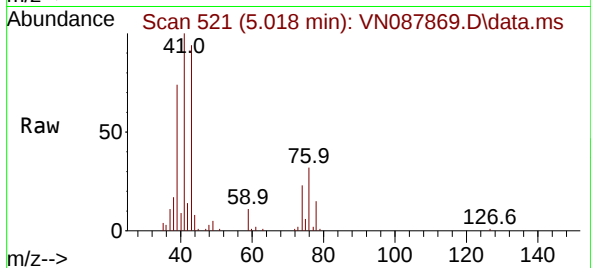
Ion	Ratio	Lower	Upper
41	100		
39	74.1	36.7	110.1
76	31.9	18.3	54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#18

Methylene Chloride

Concen: 18.580 ug/l

RT: 5.265 min Scan# 563

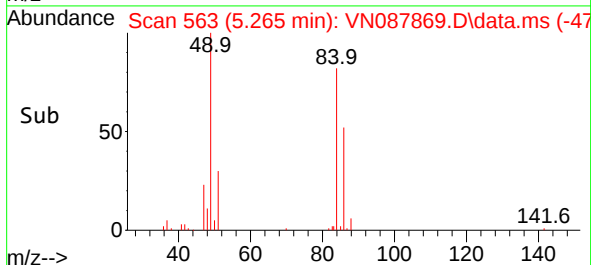
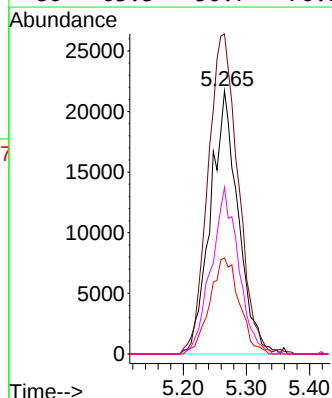
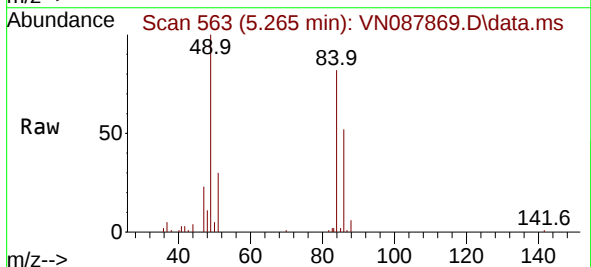
Delta R.T. -0.000 min

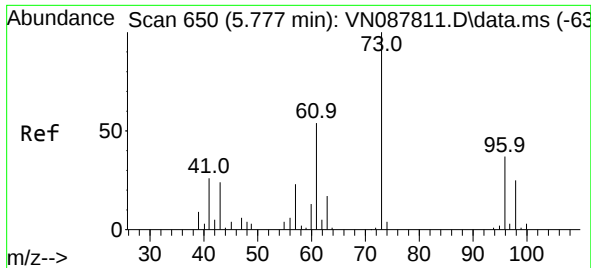
Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Tgt Ion: 84 Resp: 66255

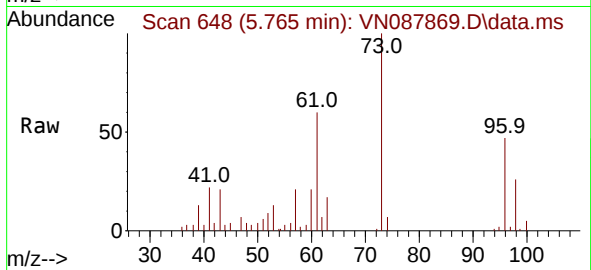
Ion	Ratio	Lower	Upper
84	100		
49	121.6	114.1	171.1
51	36.5	30.2	45.4
86	63.3	50.7	76.1





#19
trans-1,2-Dichloroethene
Concen: 17.909 ug/l
RT: 5.765 min Scan# 648
Delta R.T. -0.012 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

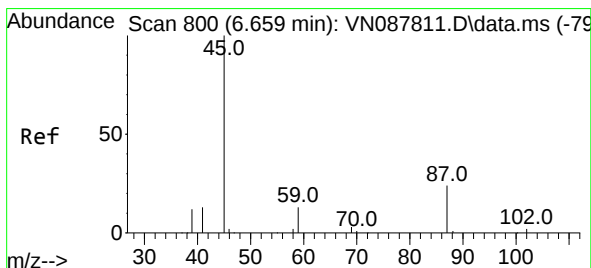
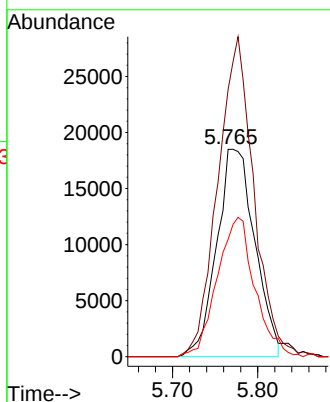
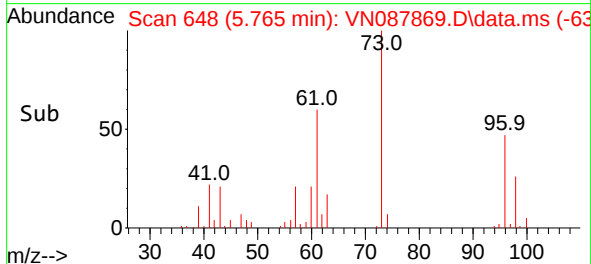
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



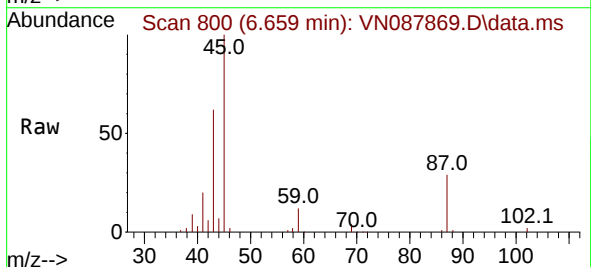
Tgt Ion: 96 Resp: 57498
Ion Ratio Lower Upper
96 100
61 128.8 106.4 159.6
98 56.6 48.9 73.3

Manual Integrations
APPROVED

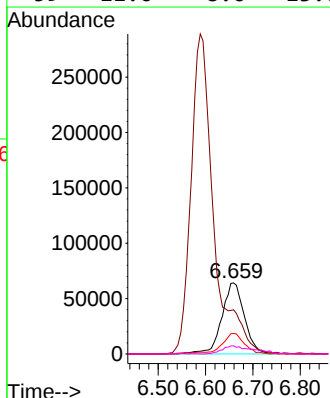
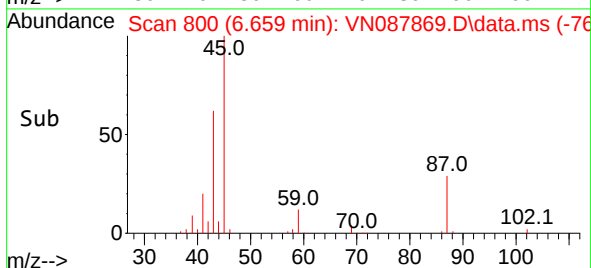
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

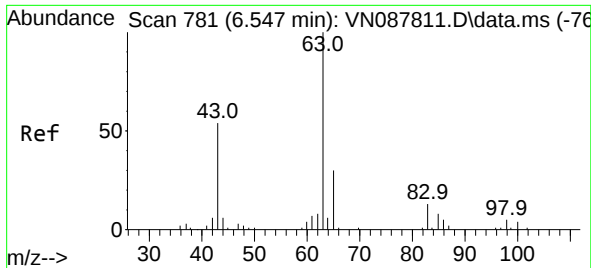


#20
Diisopropyl ether
Concen: 17.926 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



Tgt Ion: 45 Resp: 211964
Ion Ratio Lower Upper
45 100
43 60.1 49.5 74.3
87 28.9 18.8 28.2#
59 11.6 8.6 13.0





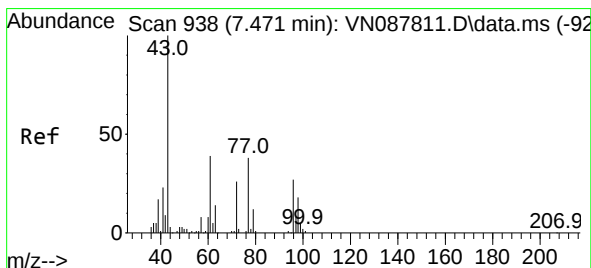
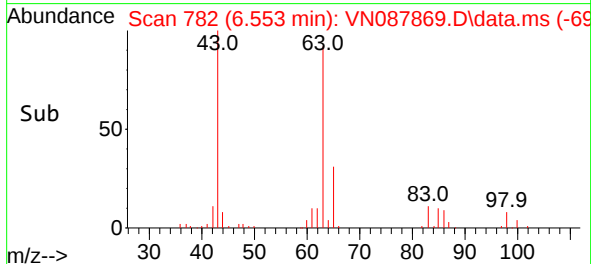
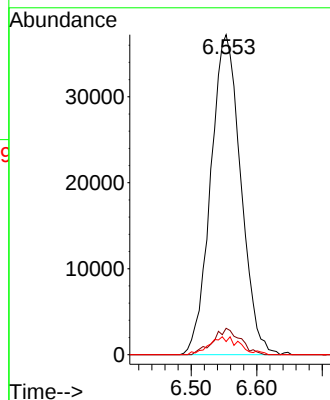
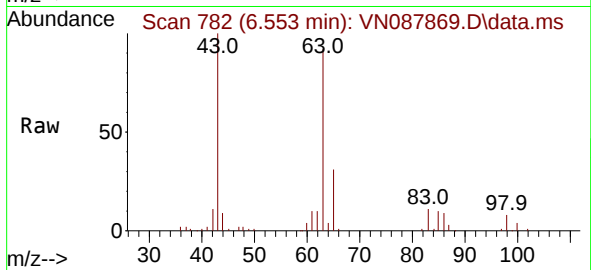
#21
1,1-Dichloroethane
Concen: 18.283 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 118384
Ion Ratio Lower Upper
63 100
98 8.2 2.9 8.8
100 4.1 1.8 5.3

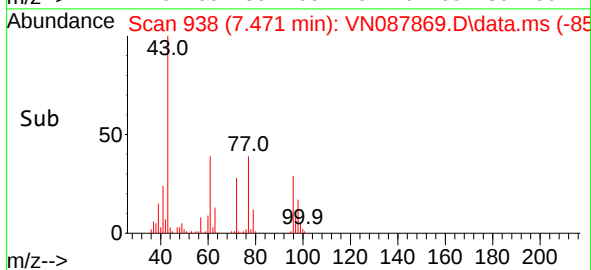
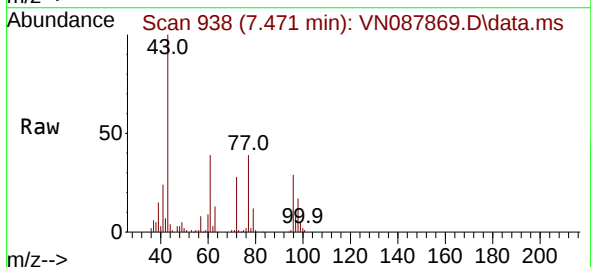
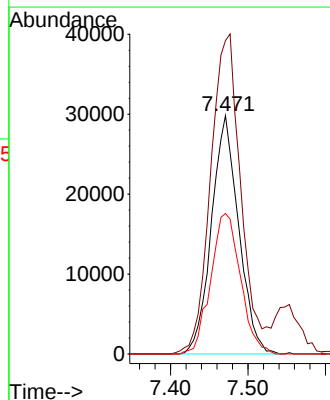
Manual Integrations
APPROVED

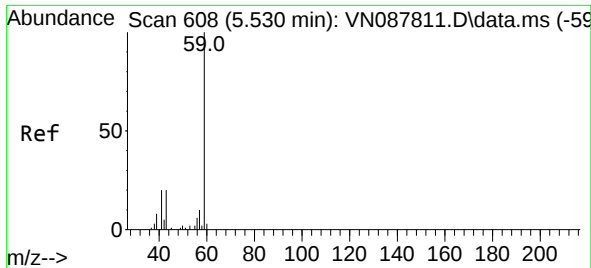
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
cis-1,2-Dichloroethene
Concen: 18.692 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion: 96 Resp: 72845
Ion Ratio Lower Upper
96 100
61 147.1 118.2 177.2
98 64.5 51.6 77.4





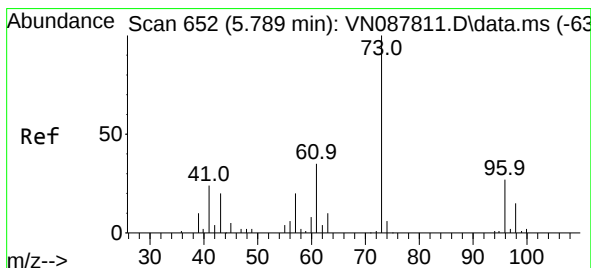
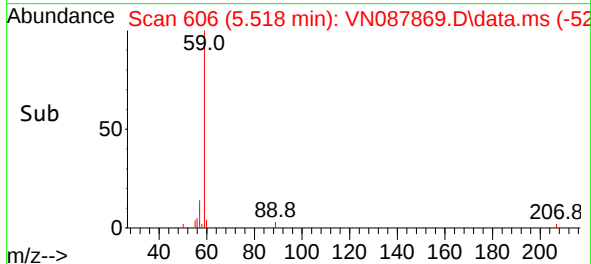
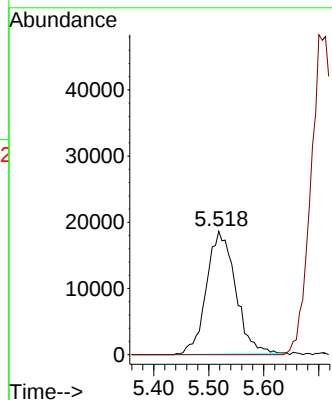
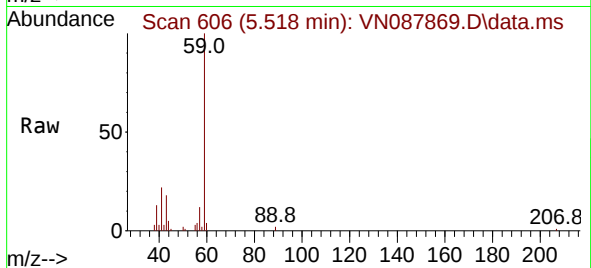
#23
tert-Butyl Alcohol
Concen: 92.244 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 6811
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

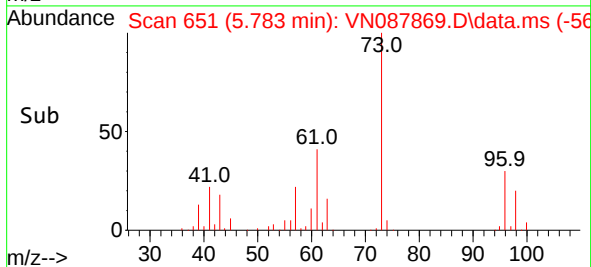
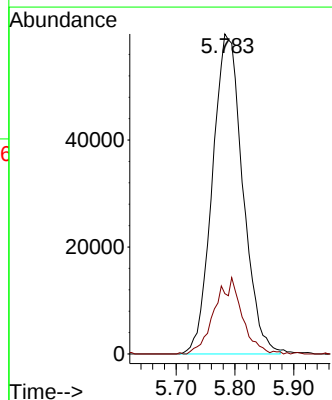
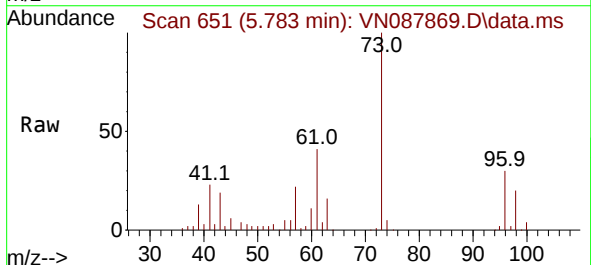
Manual Integrations
APPROVED

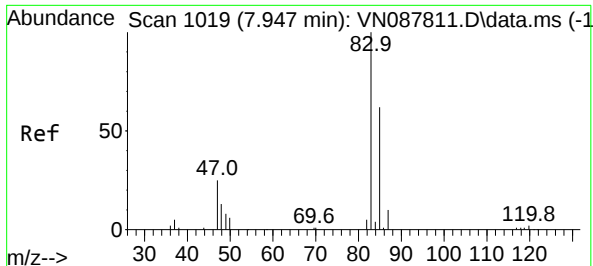
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#24
Methyl tert-Butyl Ether
Concen: 19.098 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion: 73 Resp: 214645
Ion Ratio Lower Upper
73 100
43 11.7 16.8 25.2#





#25

Chloroform

Concen: 18.683 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 12663

Ion Ratio Lower Upper

83 100

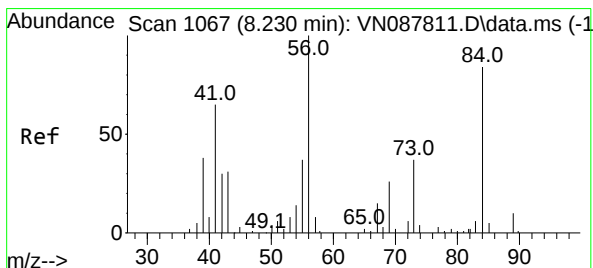
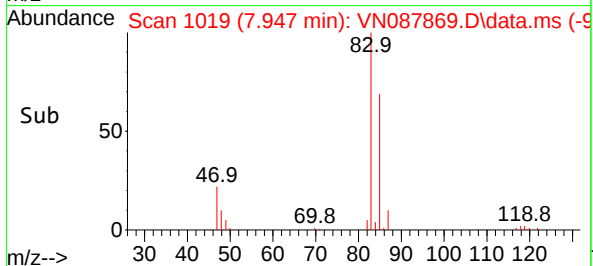
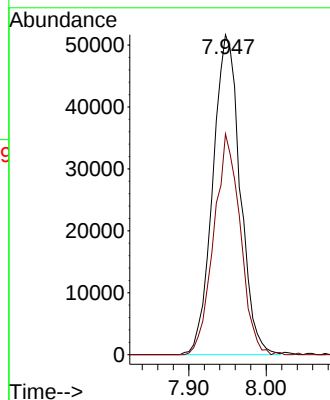
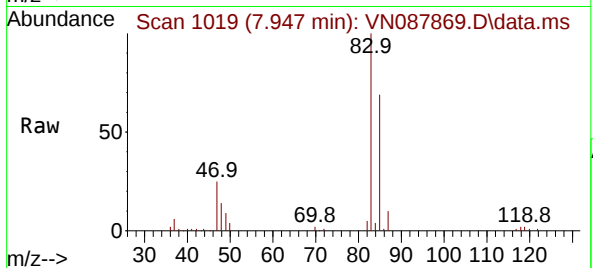
85 69.0 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#26

Cyclohexane

Concen: 18.551 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

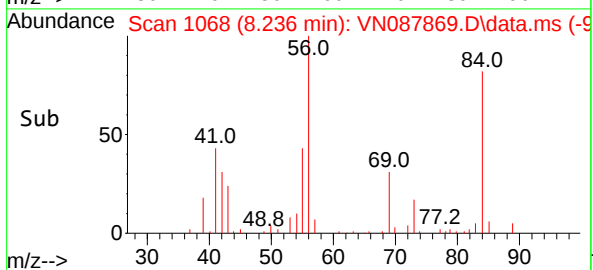
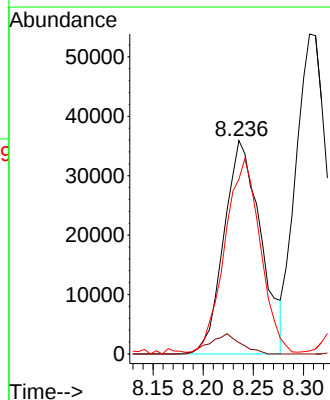
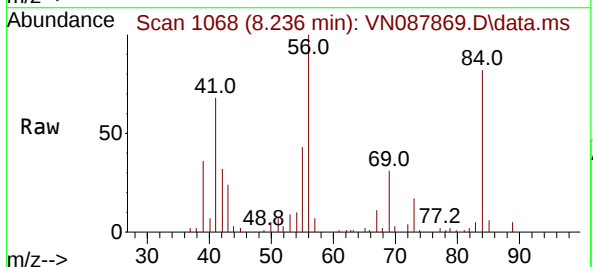
Tgt Ion: 56 Resp: 91476

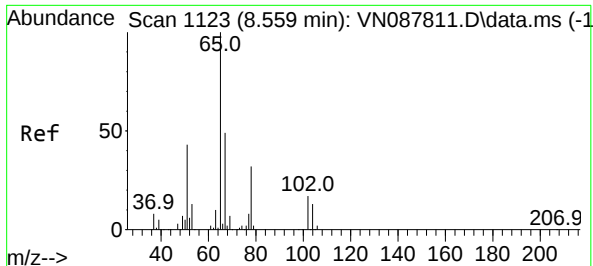
Ion Ratio Lower Upper

56 100

89 8.0 0.0 0.0#

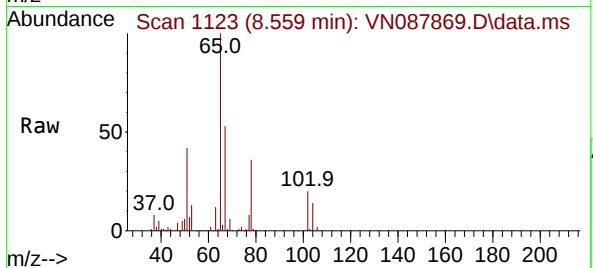
84 88.6 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 29.406 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

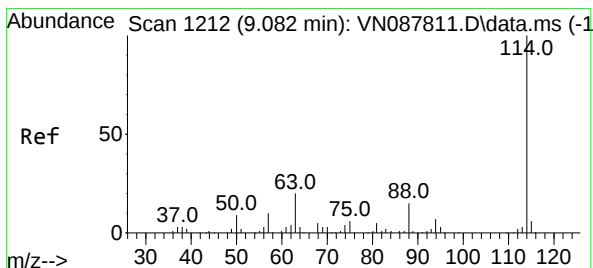
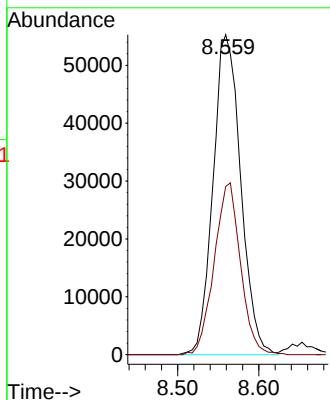
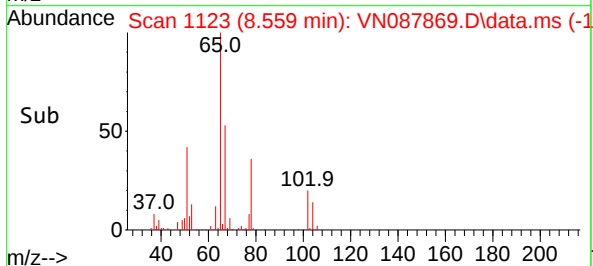
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



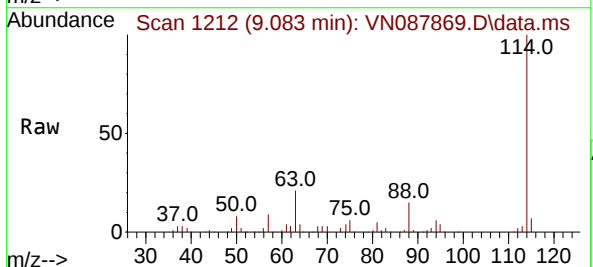
Tgt Ion: 65 Resp: 130992
Ion Ratio Lower Upper
65 100
67 51.0 39.6 59.4

Manual Integrations
APPROVED

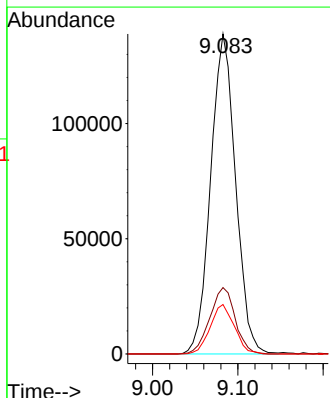
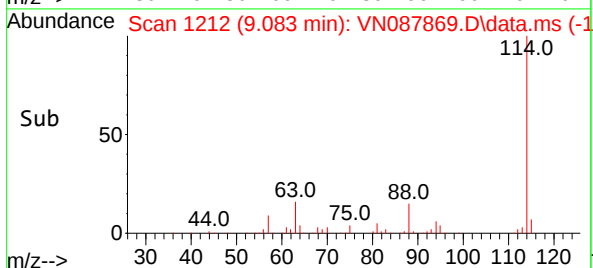
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

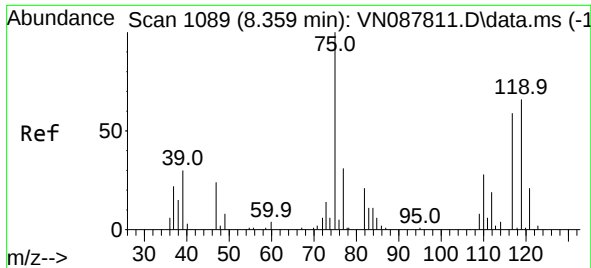


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



Tgt Ion:114 Resp: 281875
Ion Ratio Lower Upper
114 100
63 21.1 18.3 27.5
88 15.0 12.4 18.6





#29
1,1-Dichloropropene
Concen: 17.828 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

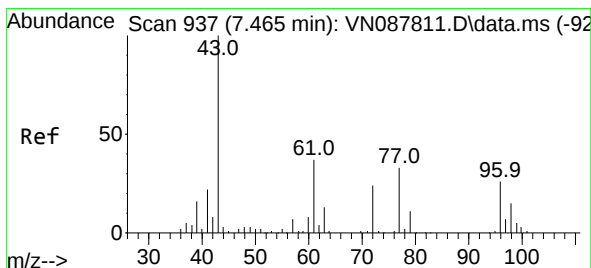
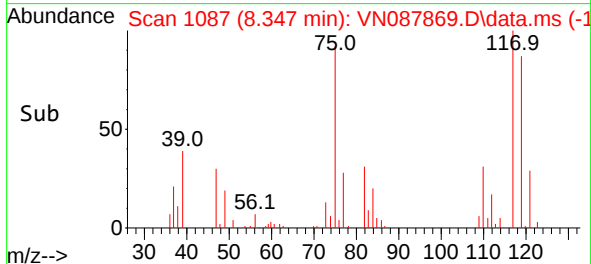
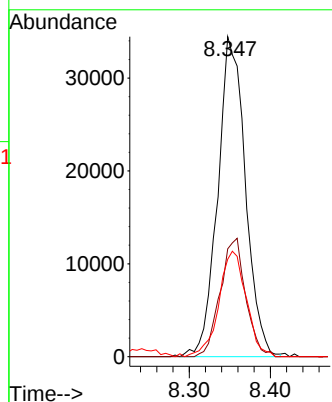
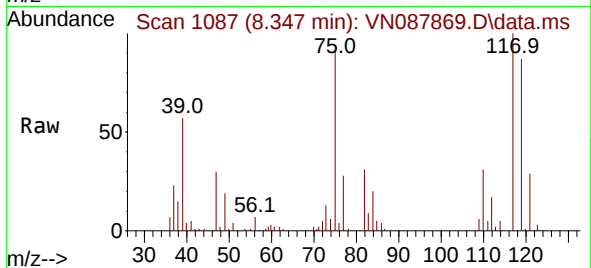
Tgt Ion: 75 Resp: 81669
Ion Ratio Lower Upper
75 100
110 33.8 0.0 64.4
77 32.6 0.0 62.2

Manual Integrations

APPROVED

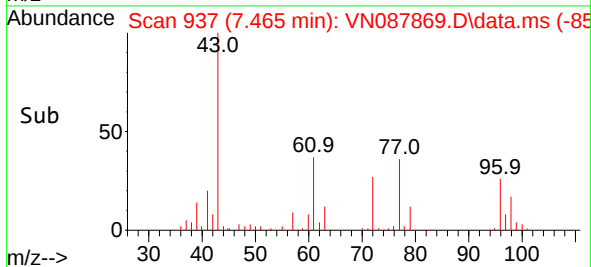
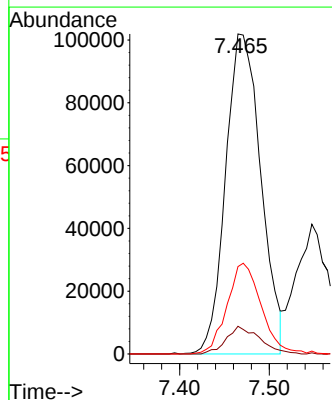
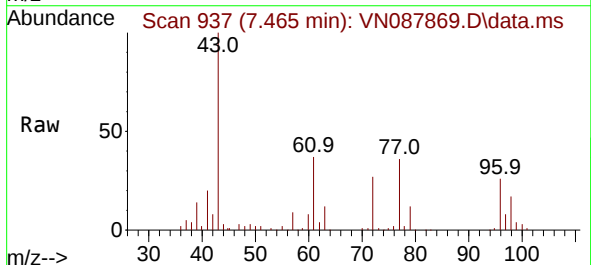
Reviewed By :John Carlone 09/18/2025

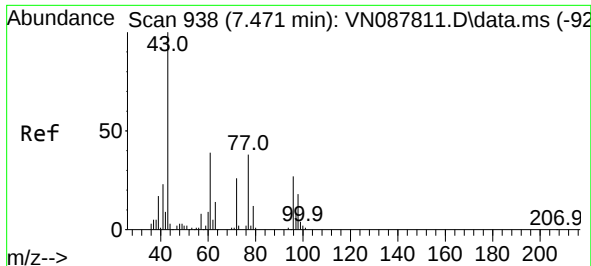
Supervised By :Mahesh Dadoda 09/18/2025



#30
2-Butanone
Concen: 88.150 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

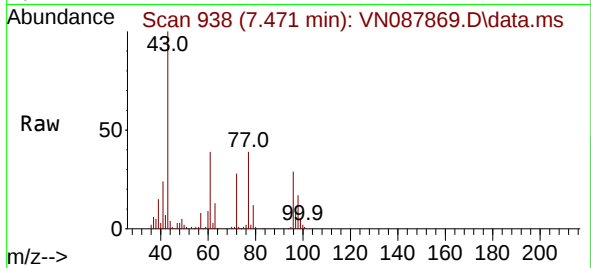
Tgt Ion: 43 Resp: 278175
Ion Ratio Lower Upper
43 100
57 8.2 6.3 9.5
72 27.5 21.4 32.2





#31
2,2-Dichloropropane
Concen: 20.675 ug/l
RT: 7.471 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

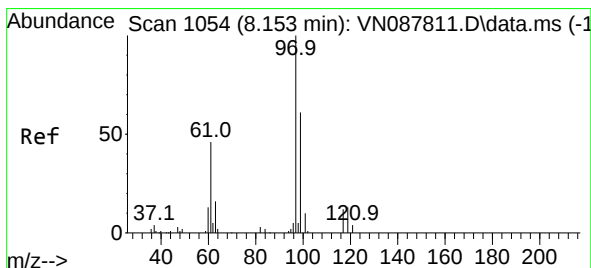
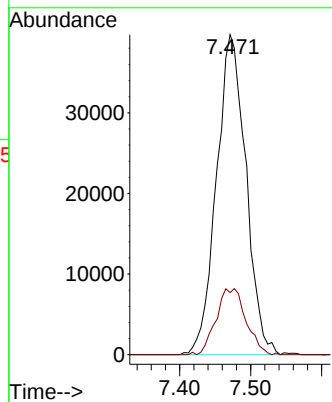
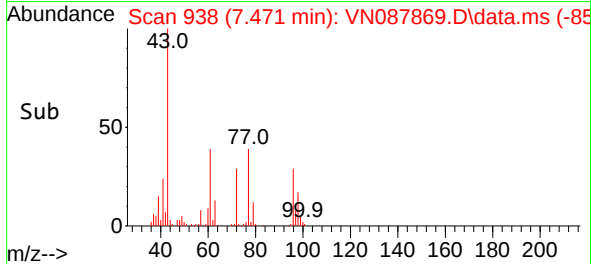
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



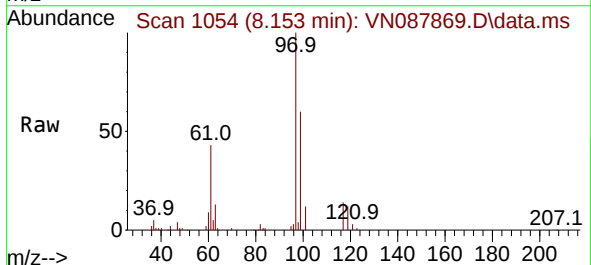
Tgt Ion: 77 Resp: 114169
Ion Ratio Lower Upper
77 100
97 10.8 17.1 25.7

Manual Integrations
APPROVED

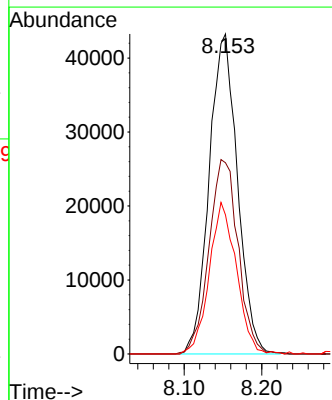
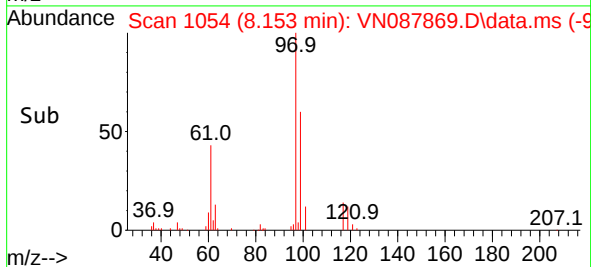
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

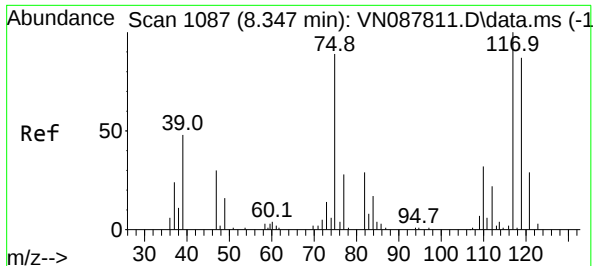


#32
1,1,1-Trichloroethane
Concen: 18.918 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



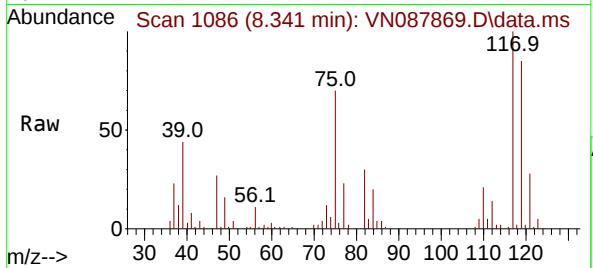
Tgt Ion: 97 Resp: 109869
Ion Ratio Lower Upper
97 100
99 62.3 52.2 78.4
61 45.2 37.9 56.9





#33
Carbon Tetrachloride
Concen: 18.801 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

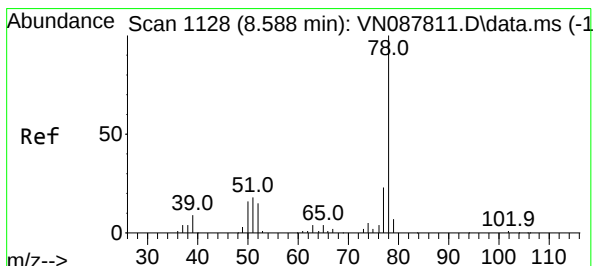
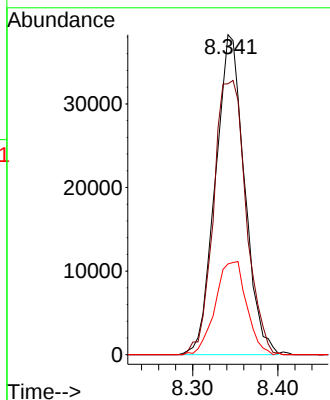
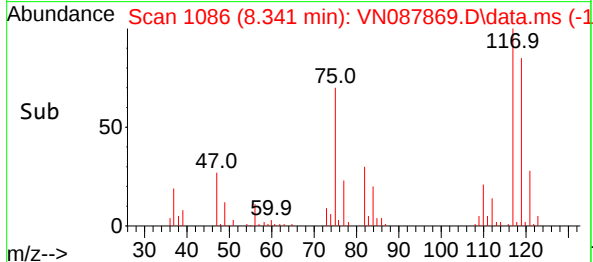
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



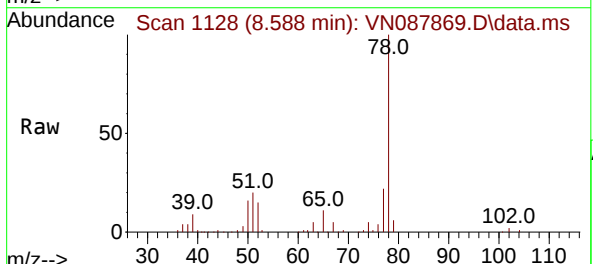
Tgt Ion:117 Resp: 9104
Ion Ratio Lower Upper
117 100
119 84.7 77.3 115.9
121 28.4 26.6 39.8

Manual Integrations
APPROVED

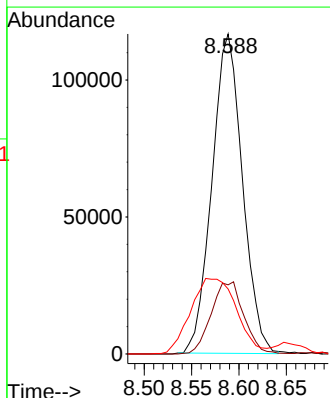
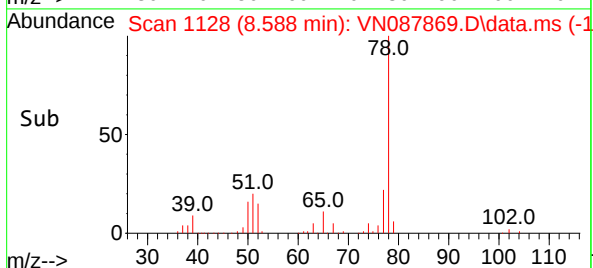
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

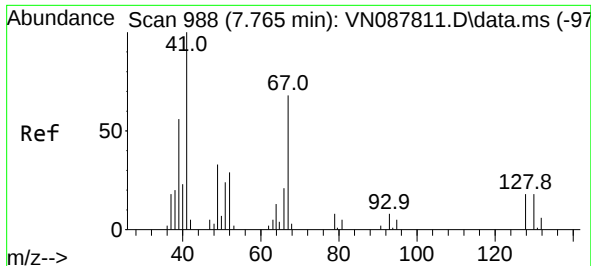


#34
Benzene
Concen: 17.628 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



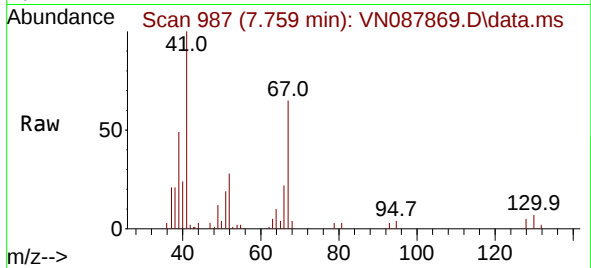
Tgt Ion: 78 Resp: 260993
Ion Ratio Lower Upper
78 100
77 21.7 20.3 30.5
51 17.7 18.0 27.0#





#35
Methacrylonitrile
Concen: 17.244 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

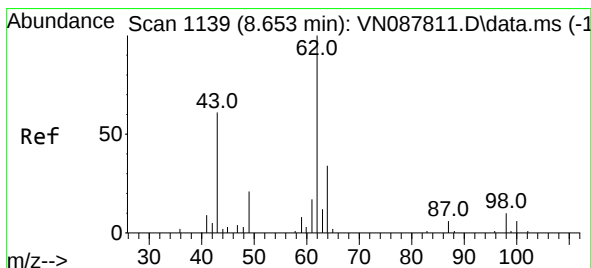
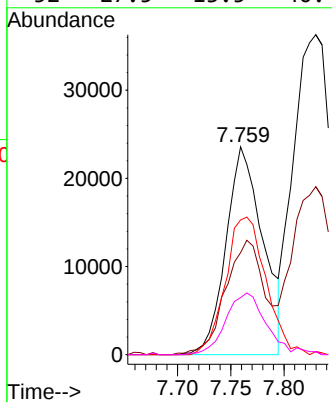
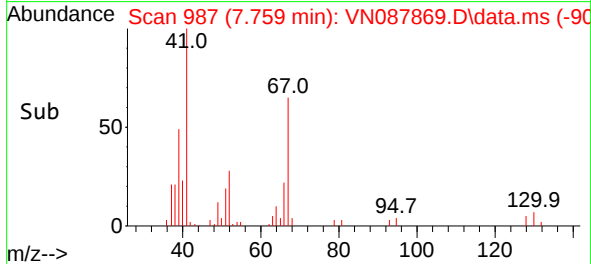
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 56919
Ion Ratio Lower Upper
41 100
39 48.3 27.1 81.2
67 64.8 32.1 96.5
52 27.5 13.5 40.4

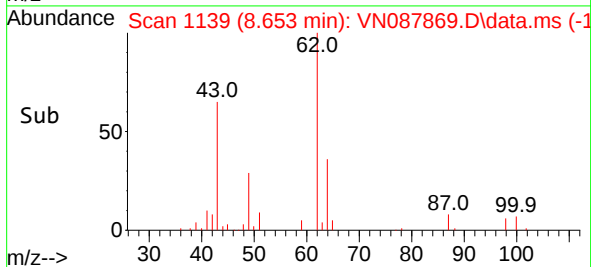
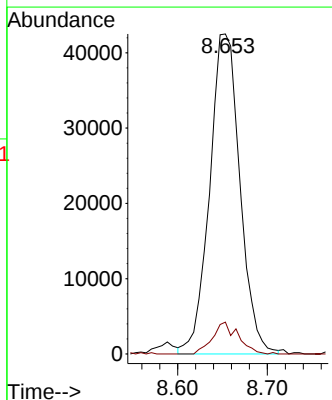
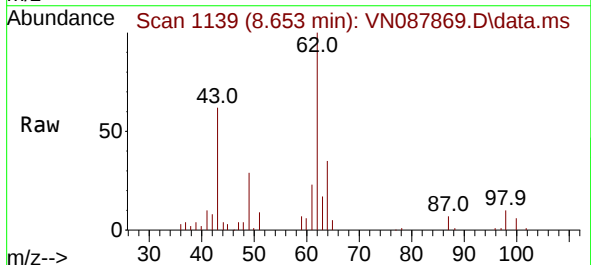
Manual Integrations
APPROVED

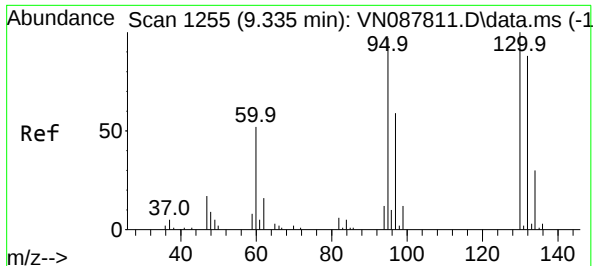
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#36
1,2-Dichloroethane
Concen: 17.869 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion: 62 Resp: 99931
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8





#37

Trichloroethene

Concen: 19.090 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 63179

Ion Ratio Lower Upper

130 100

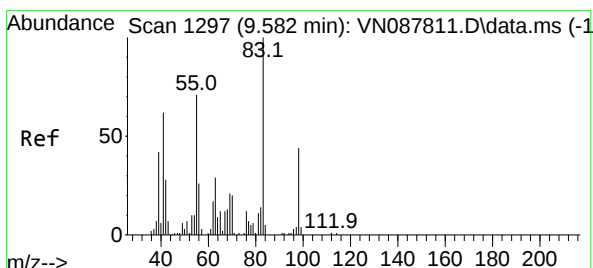
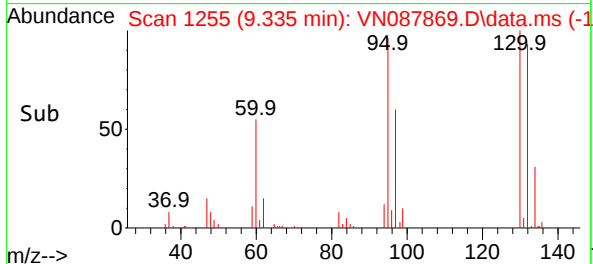
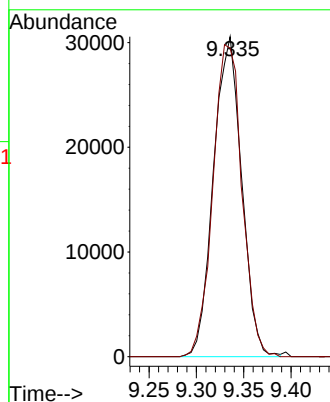
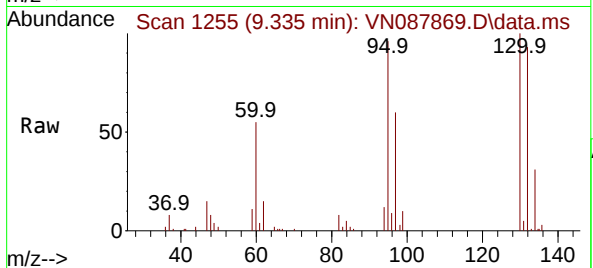
95 96.4 82.7 124.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#38

Methylcyclohexane

Concen: 18.550 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

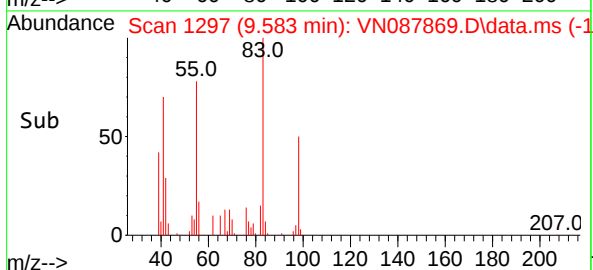
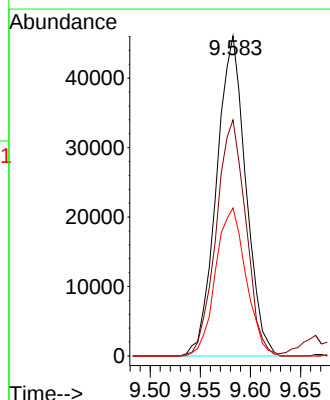
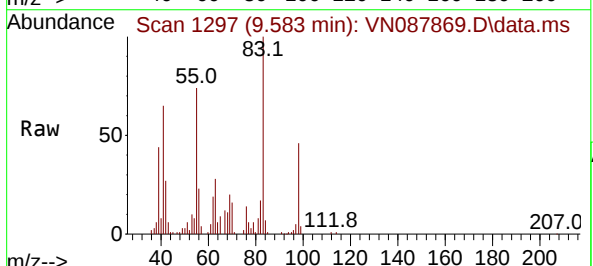
Tgt Ion: 83 Resp: 93569

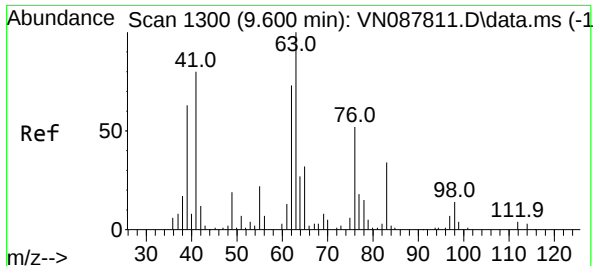
Ion Ratio Lower Upper

83 100

55 74.3 40.4 121.1

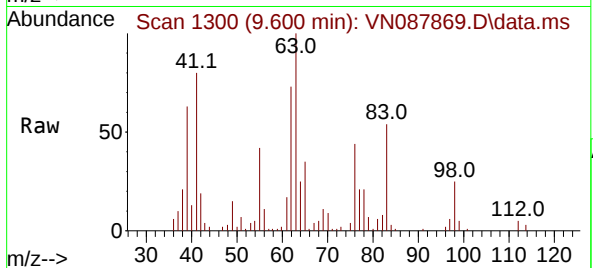
98 47.9 24.0 72.0





#39
1,2-Dichloropropane
Concen: 17.494 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

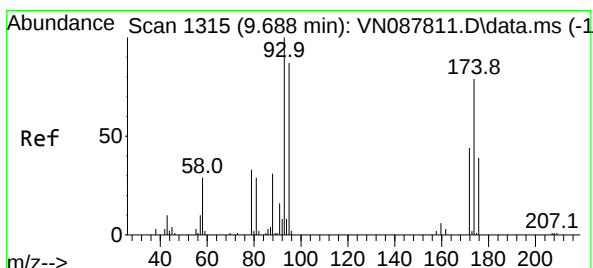
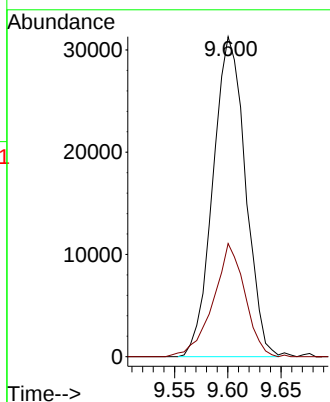
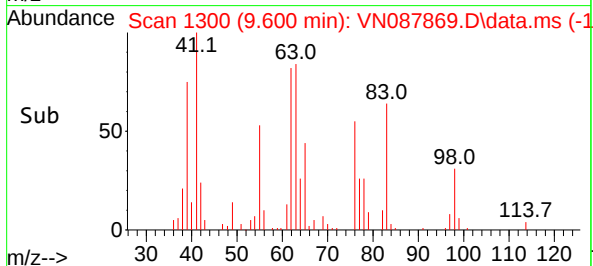
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



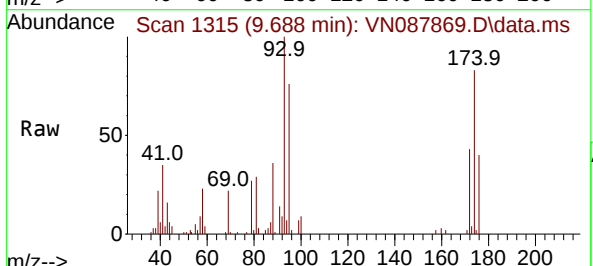
Tgt Ion: 63 Resp: 66330
Ion Ratio Lower Upper
63 100
65 35.4 24.1 36.1

Manual Integrations
APPROVED

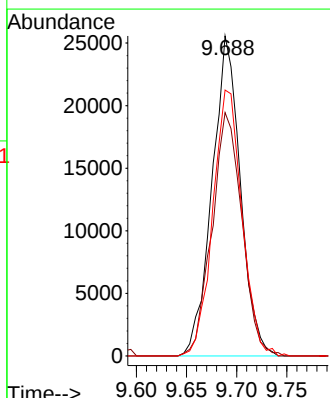
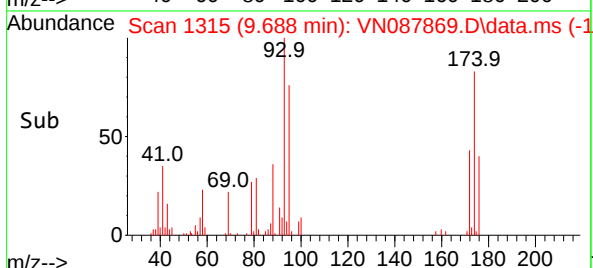
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

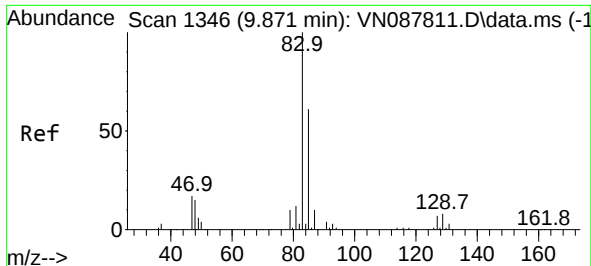


#40
Dibromomethane
Concen: 17.772 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



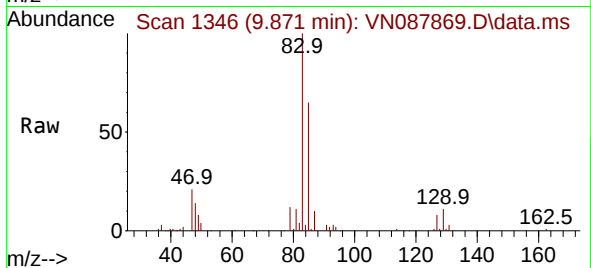
Tgt Ion: 93 Resp: 50151
Ion Ratio Lower Upper
93 100
95 80.6 0.0 168.4
174 85.7 0.0 162.8





#41
Bromodichloromethane
Concen: 17.689 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

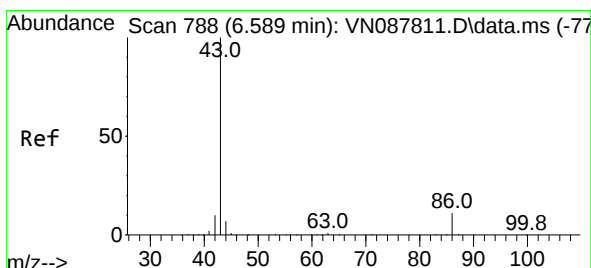
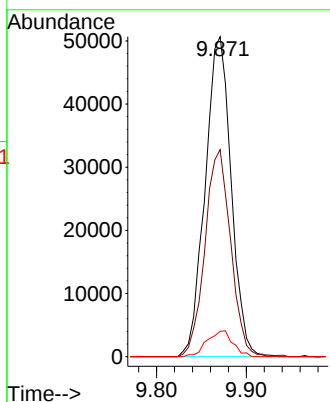
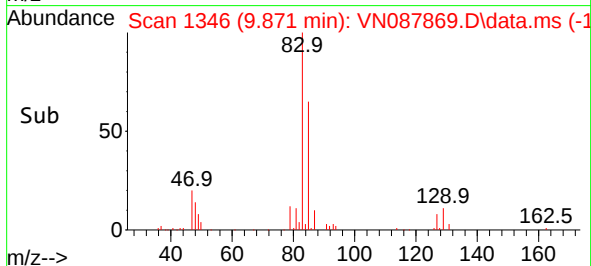
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



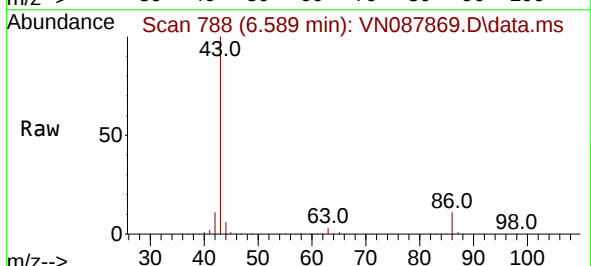
Tgt Ion: 83 Resp: 102024
Ion Ratio Lower Upper
83 100
85 64.7 47.3 70.9
127 7.9 5.2 7.8

Manual Integrations
APPROVED

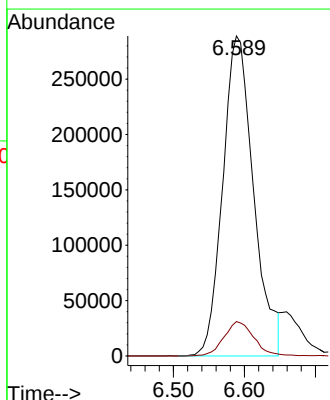
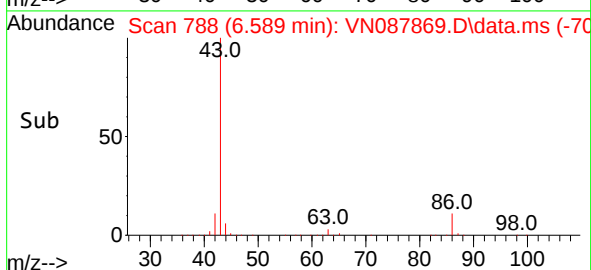
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

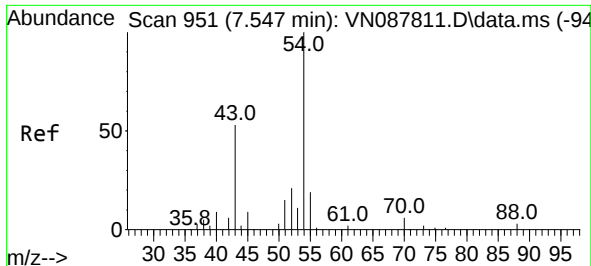


#42
Vinyl Acetate
Concen: 82.808 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



Tgt Ion: 43 Resp: 873112
Ion Ratio Lower Upper
43 100
86 10.4 7.7 11.5





#43

Ethyl Acetate

Concen: 17.221 ug/l

RT: 7.547 min Scan# 911

Delta R.T. -0.000 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 111034

Ion Ratio Lower Upper

43 100

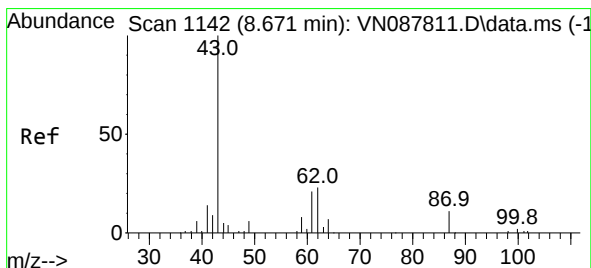
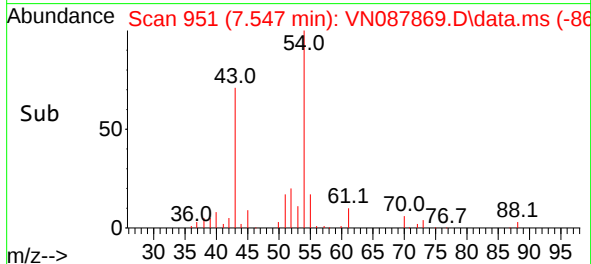
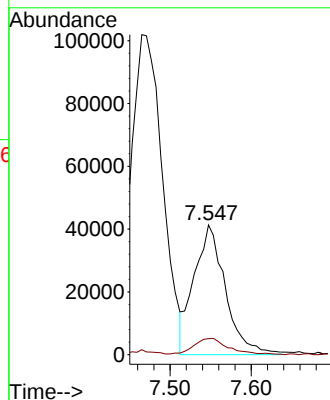
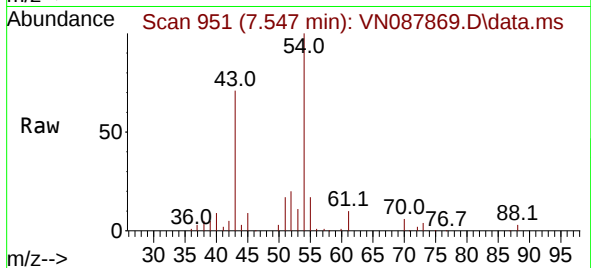
45 13.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#44

Isopropyl Acetate

Concen: 17.138 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VN087869.D

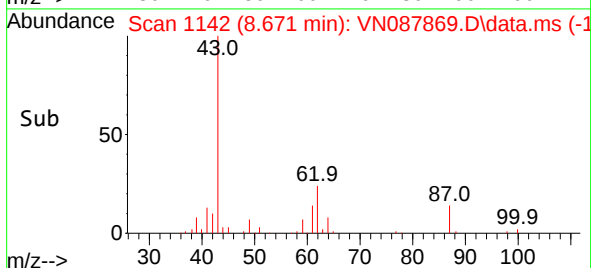
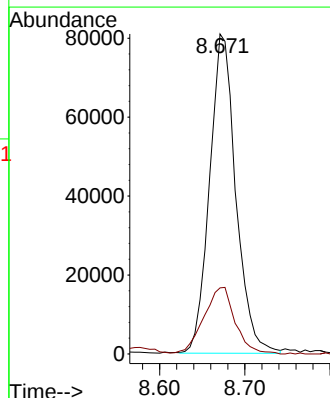
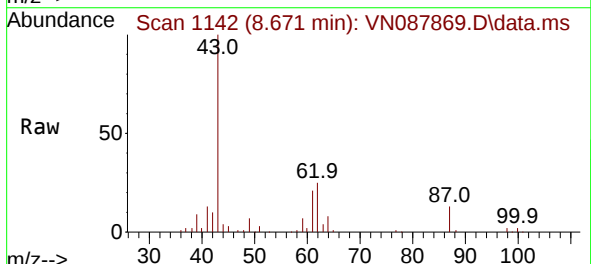
Acq: 17 Sep 2025 09:42

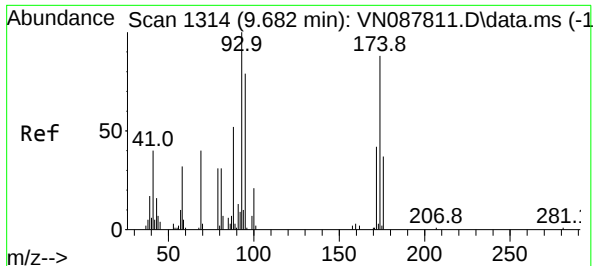
Tgt Ion: 43 Resp: 173222

Ion Ratio Lower Upper

43 100

61 24.9 19.5 29.3





#45

1,4-Dioxane

Concen: 354.558 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 22600

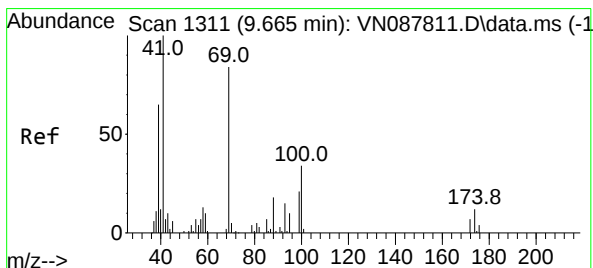
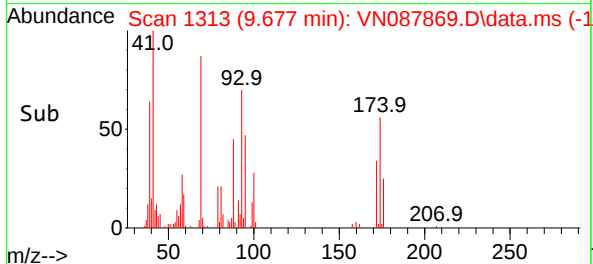
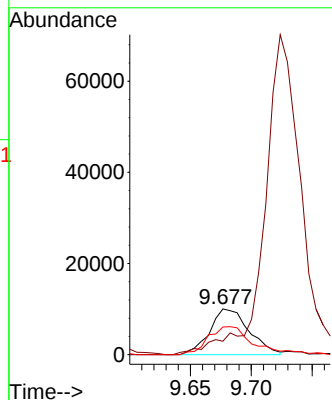
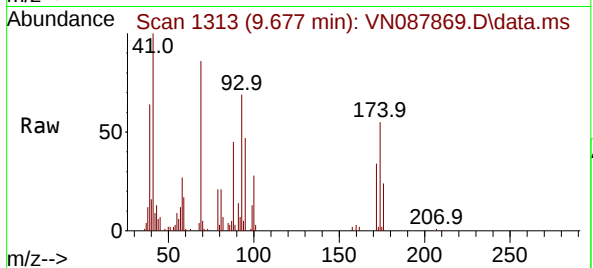
Ion	Ratio	Lower	Upper
88	100		
43	4.5	23.6	35.4
58	65.7	60.5	90.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

Methyl methacrylate

Concen: 16.814 ug/l

RT: 9.665 min Scan# 1311

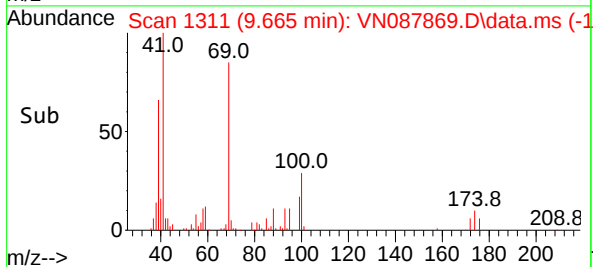
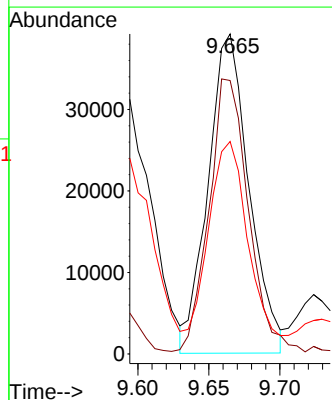
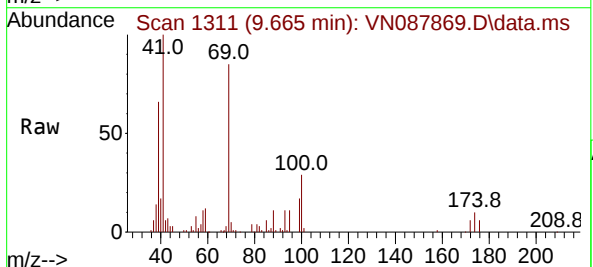
Delta R.T. -0.000 min

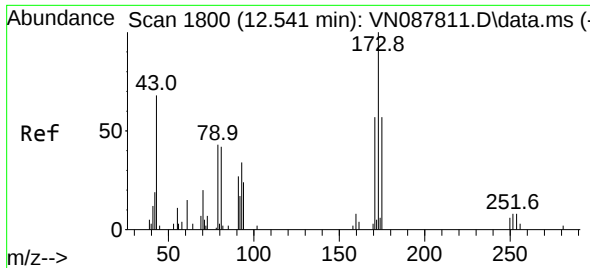
Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Tgt Ion: 41 Resp: 78333

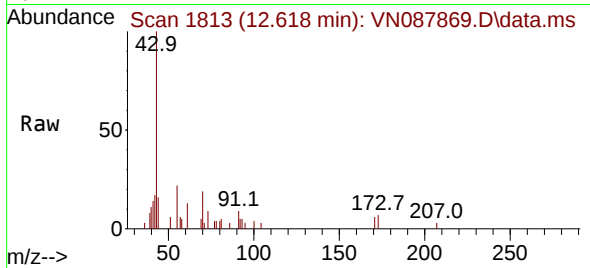
Ion	Ratio	Lower	Upper
41	100		
69	90.9	40.3	120.9
39	65.5	31.9	95.9





#47
n-amyl acetate
Concen: 15.176 ug/l m
RT: 12.618 min Scan# 1800
Delta R.T. -0.053 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

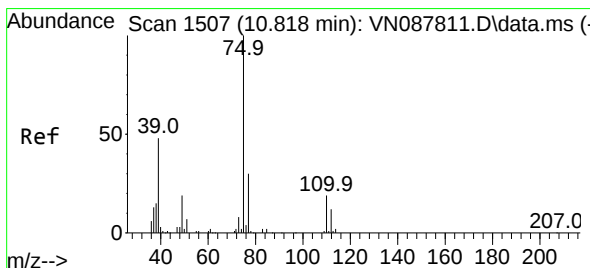
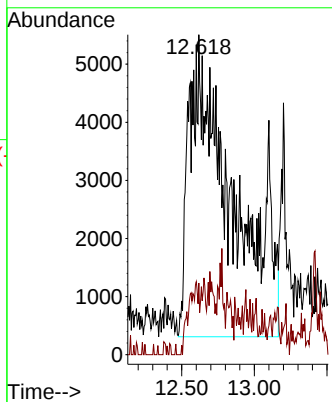
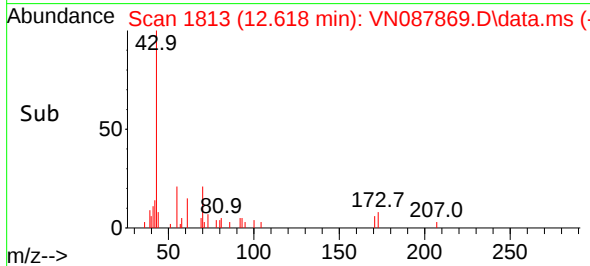
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 103650
Ion Ratio Lower Upper
43 100
55 0.3 0.7 1.1

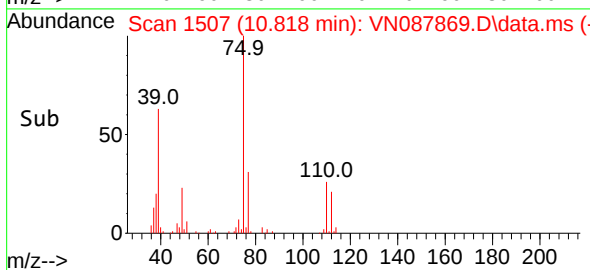
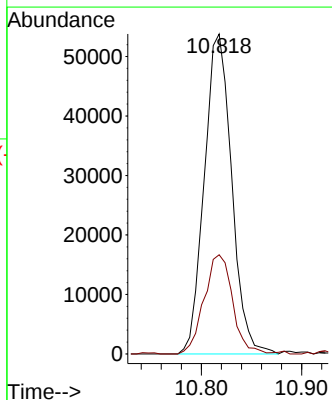
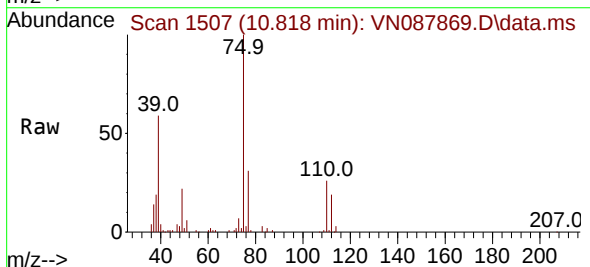
Manual Integrations
APPROVED

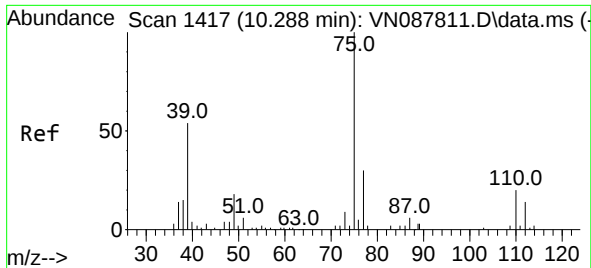
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#48
t-1,3-Dichloropropene
Concen: 17.051 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

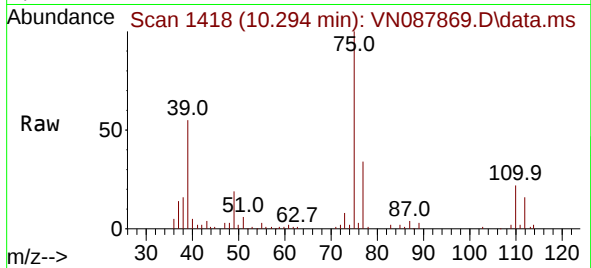
Tgt Ion: 75 Resp: 102141
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 17.874 ug/l
 RT: 10.294 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VN087869.D
 Acq: 17 Sep 2025 09:42

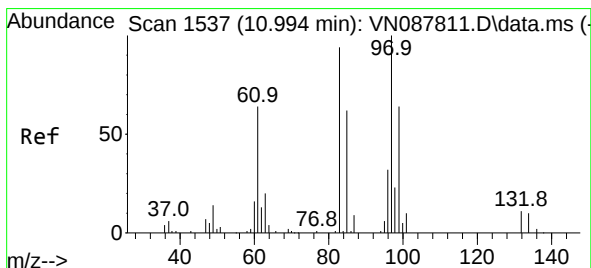
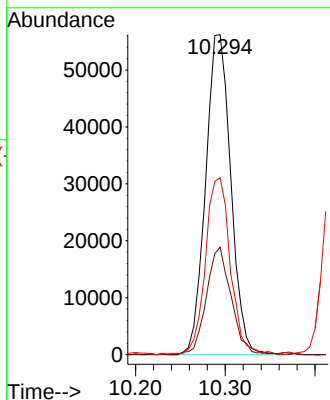
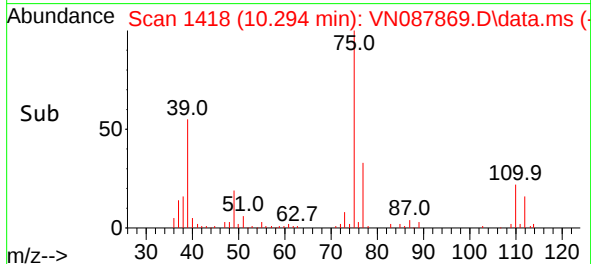
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 109669
 Ion Ratio Lower Upper
 75 100
 77 33.6 27.8 41.6
 39 55.3 47.6 71.4

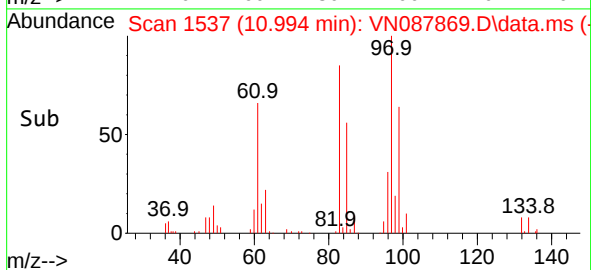
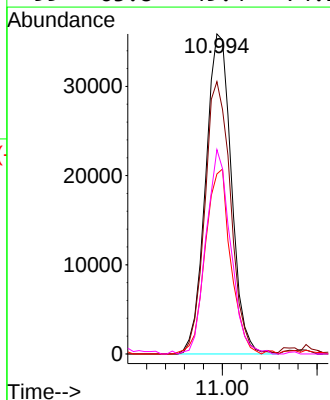
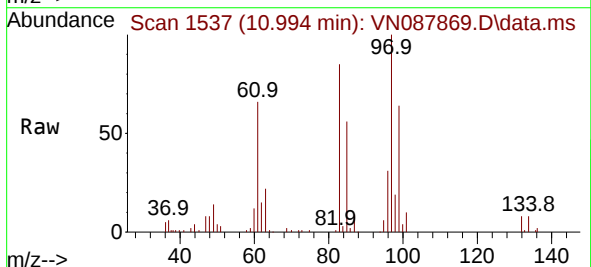
Manual Integrations
 APPROVED

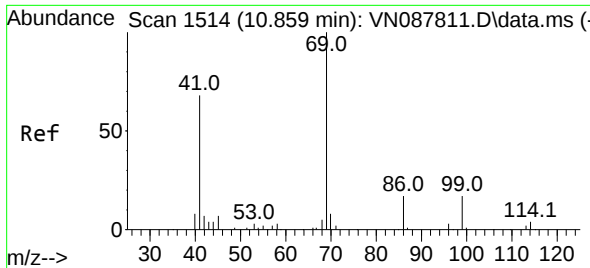
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.631 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087869.D
 Acq: 17 Sep 2025 09:42

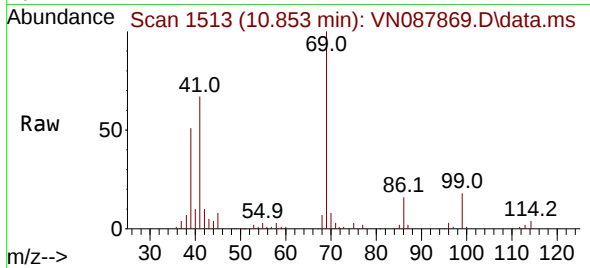
Tgt Ion: 97 Resp: 67907
 Ion Ratio Lower Upper
 97 100
 83 85.1 70.5 105.7
 85 56.3 46.3 69.5
 99 63.8 49.4 74.2





#51
Ethyl methacrylate
Concen: 16.987 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

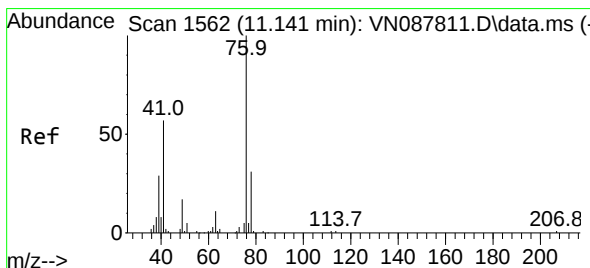
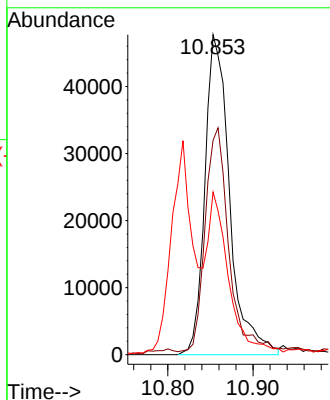
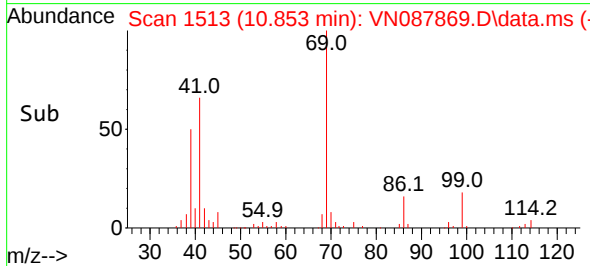
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 9635
Ion Ratio Lower Upper
69 100
41 66.1 33.7 101.0
39 48.8 20.3 60.9

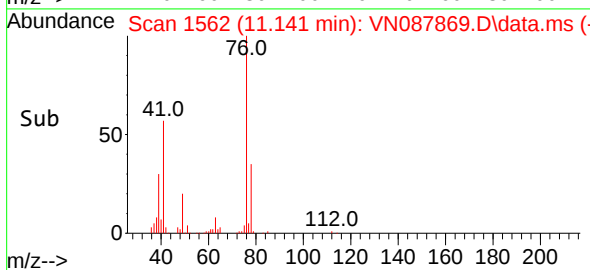
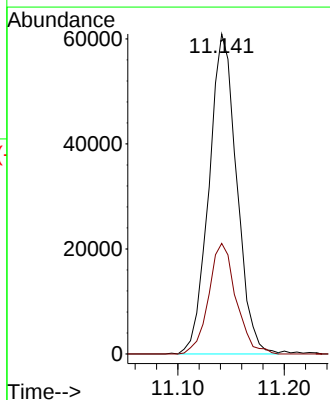
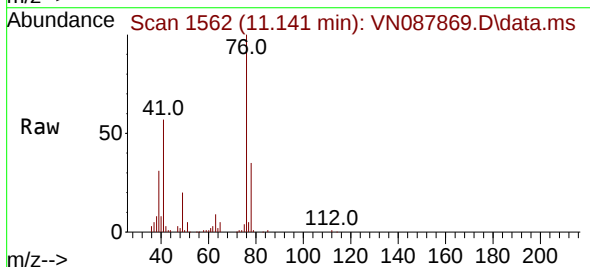
Manual Integrations
APPROVED

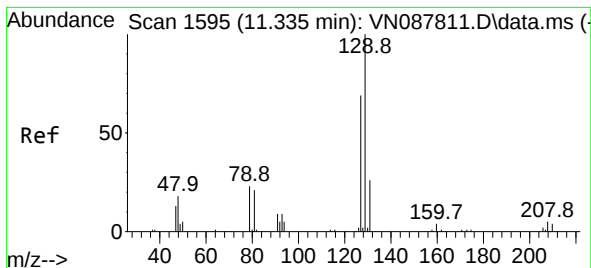
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
1,3-Dichloropropane
Concen: 17.456 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

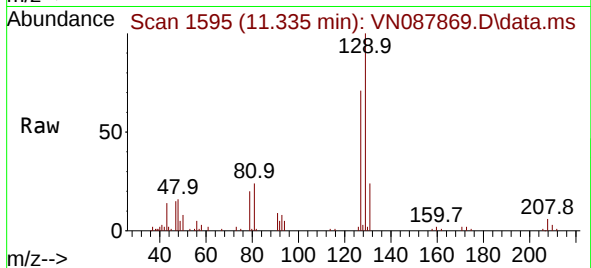
Tgt Ion: 76 Resp: 110479
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.2





#53
Dibromochloromethane
Concen: 18.558 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

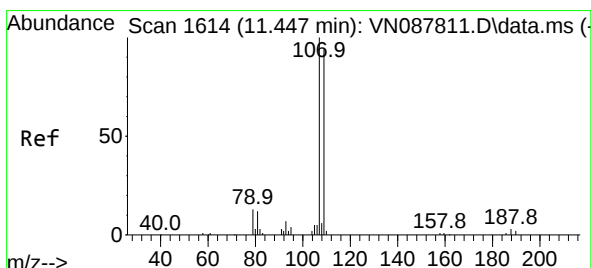
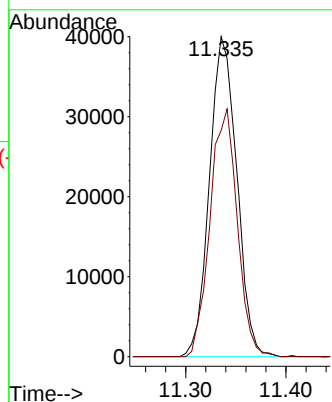
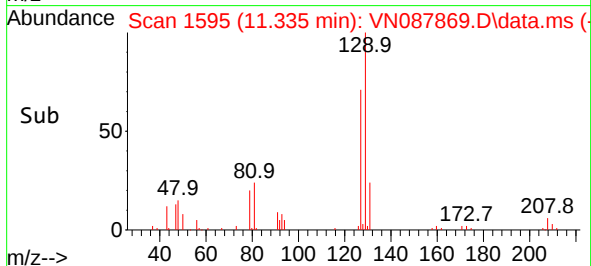
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 7584
Ion Ratio Lower Upper
129 100
127 77.0 42.6 128.0

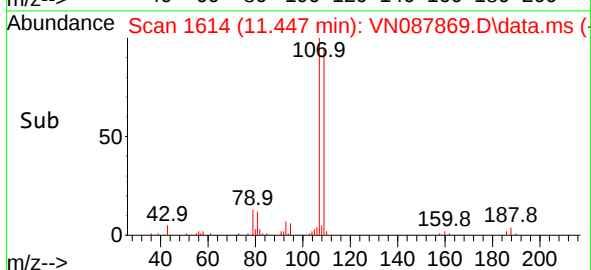
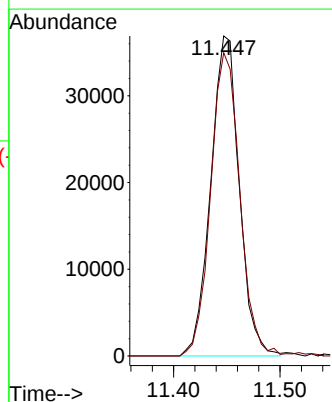
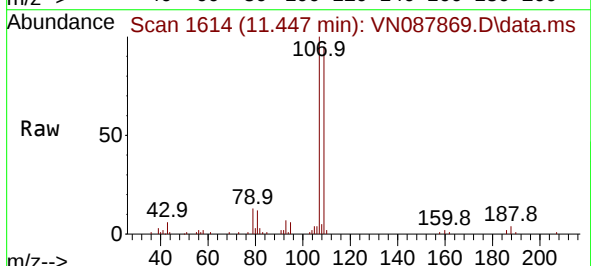
Manual Integrations
APPROVED

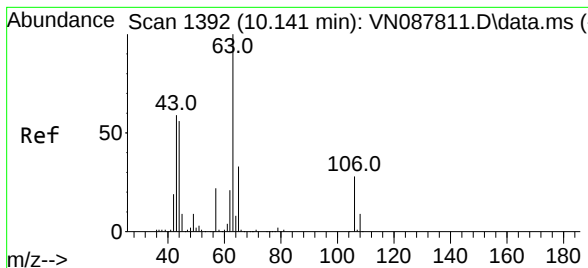
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#54
1,2-Dibromoethane
Concen: 18.087 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

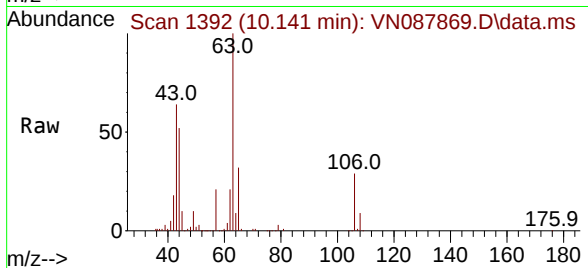
Tgt Ion:107 Resp: 68595
Ion Ratio Lower Upper
107 100
109 96.6 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 89.490 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

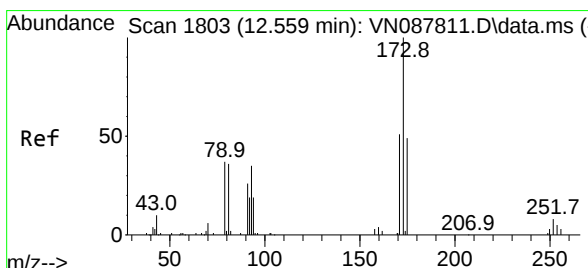
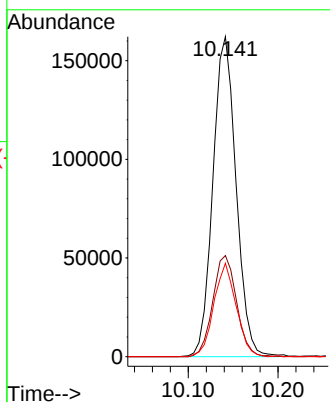
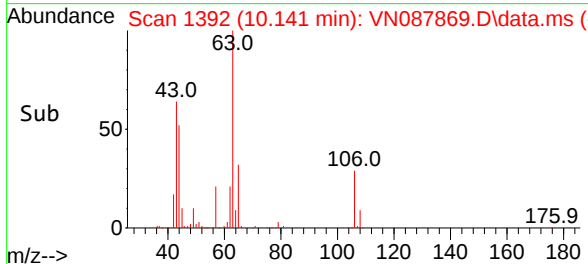
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 29084
Ion Ratio Lower Upper
63 100
65 32.4 26.6 40.0
106 28.2 21.1 31.7

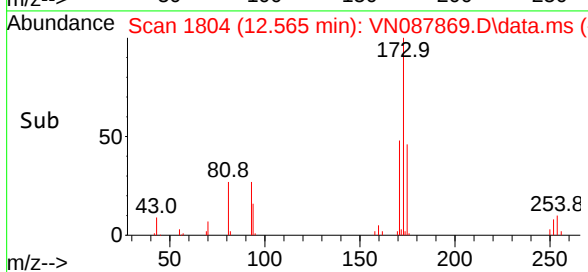
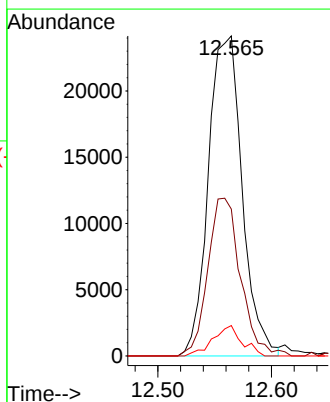
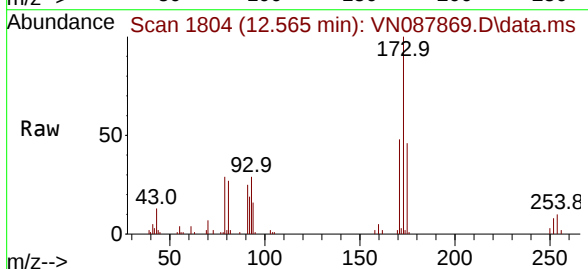
Manual Integrations
APPROVED

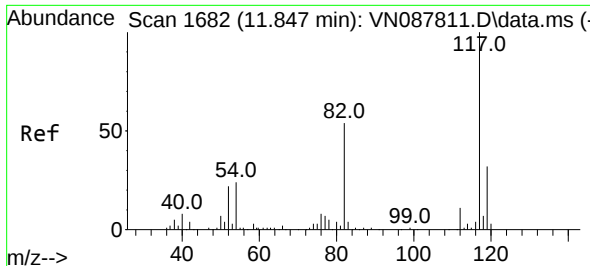
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#56
Bromoform
Concen: 18.693 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

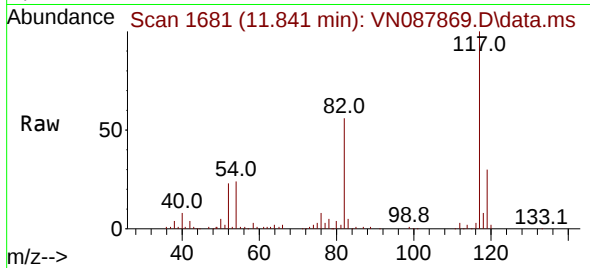
Tgt Ion:173 Resp: 49888
Ion Ratio Lower Upper
173 100
175 47.2 39.8 59.6
254 8.2 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

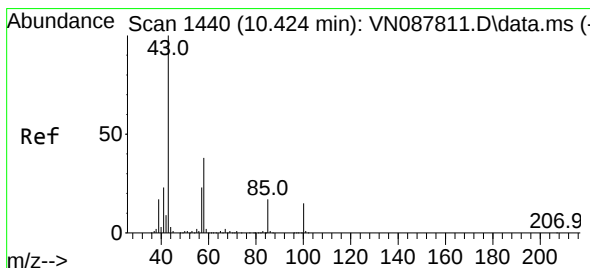
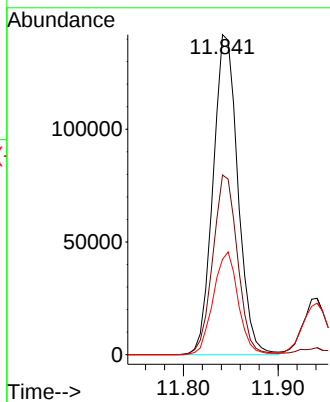
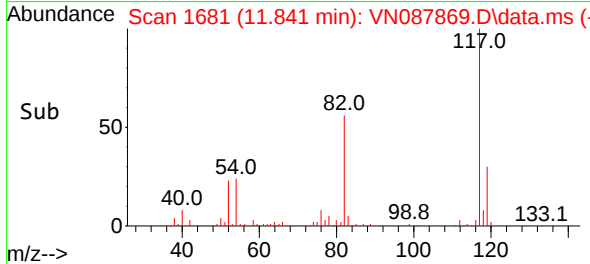
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



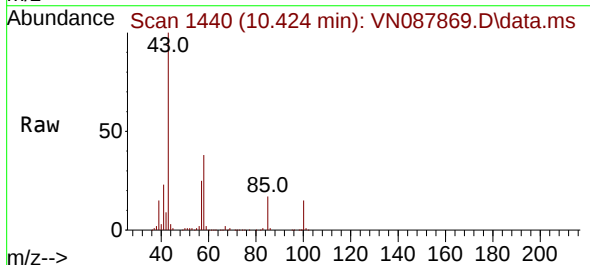
Tgt Ion: 117 Resp: 25893
Ion Ratio Lower Upper
117 100
82 56.0 45.9 68.9
119 32.1 25.3 37.9

Manual Integrations
APPROVED

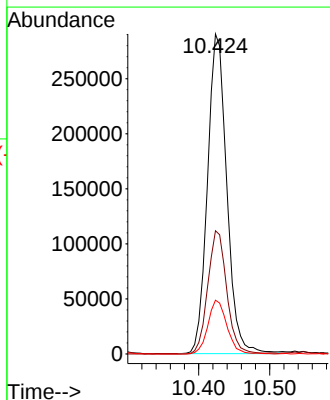
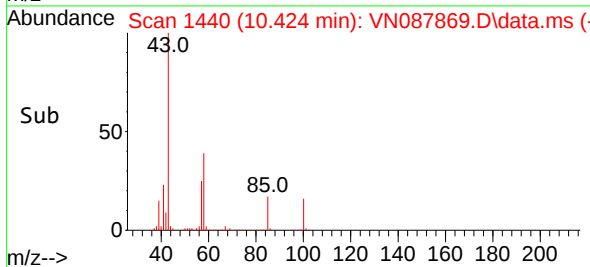
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

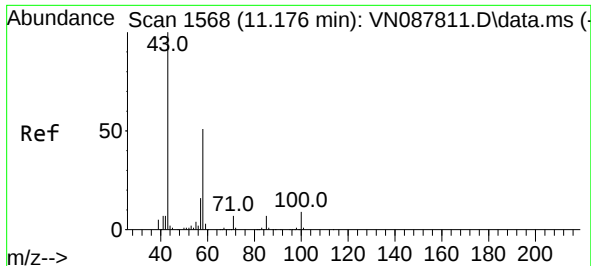


#58
4-Methyl-2-Pentanone
Concen: 89.532 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



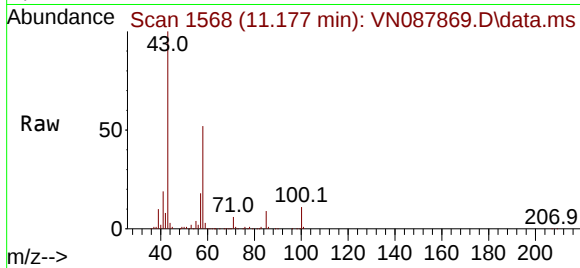
Tgt Ion: 43 Resp: 548165
Ion Ratio Lower Upper
43 100
58 37.8 29.6 44.4
85 16.6 13.0 19.4





#59
2-Hexanone
Concen: 88.377 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

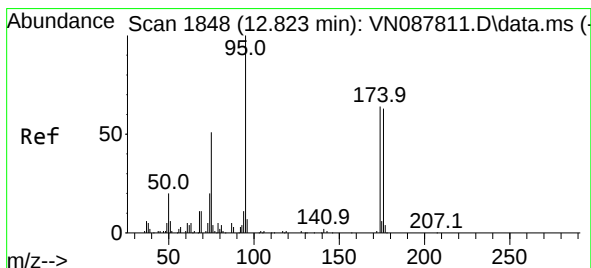
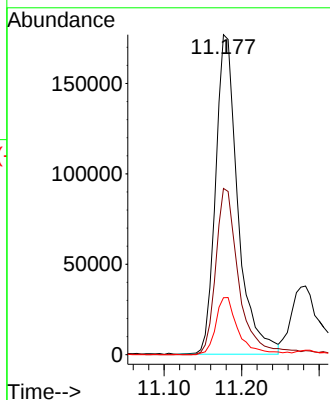
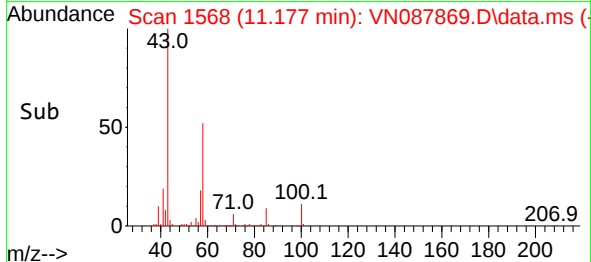
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



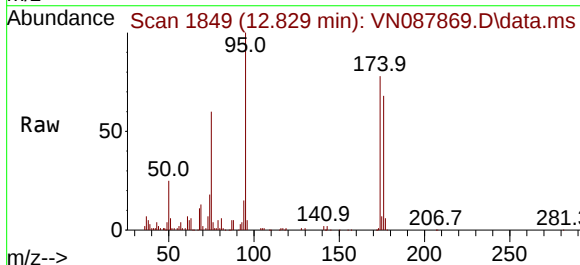
Tgt Ion: 43 Resp: 353570
Ion Ratio Lower Upper
43 100
58 53.8 40.2 60.4
57 17.8 13.7 20.5

Manual Integrations
APPROVED

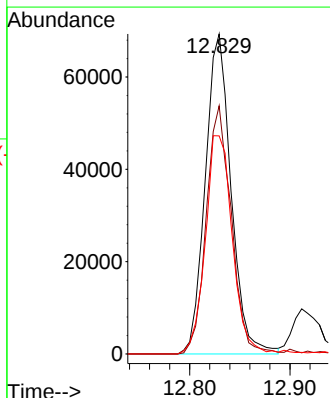
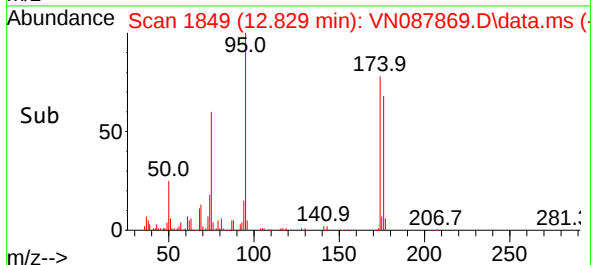
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

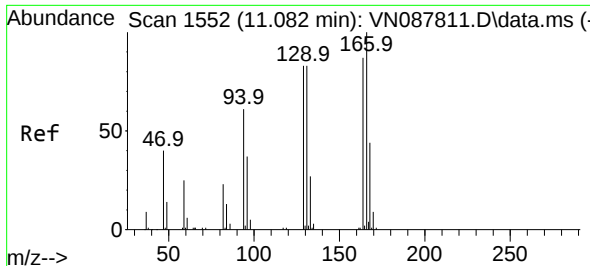


#60
4-Bromofluorobenzene
Concen: 29.761 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



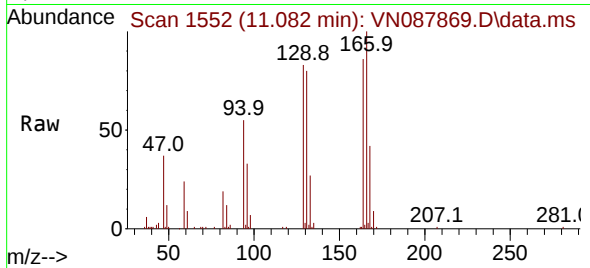
Tgt Ion: 95 Resp: 123908
Ion Ratio Lower Upper
95 100
174 75.2 55.4 83.0
176 71.4 51.5 77.3





#61
Tetrachloroethene
Concen: 19.754 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

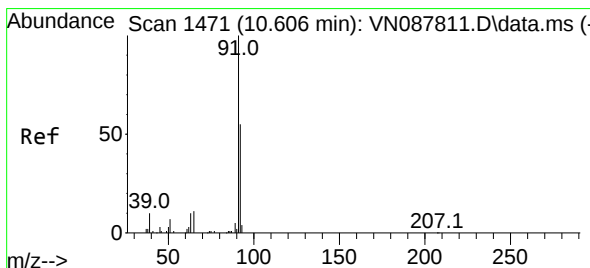
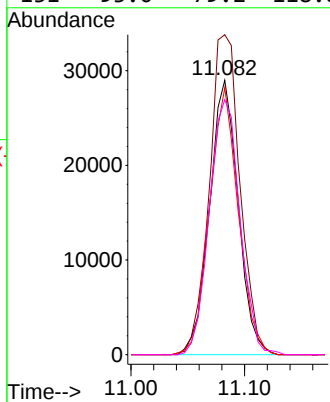
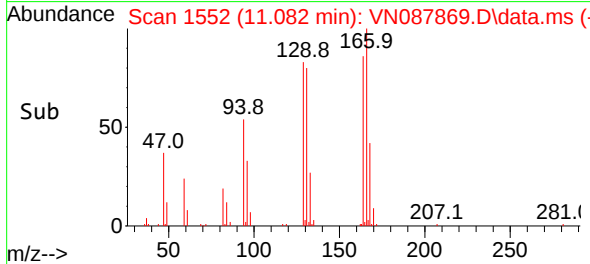
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



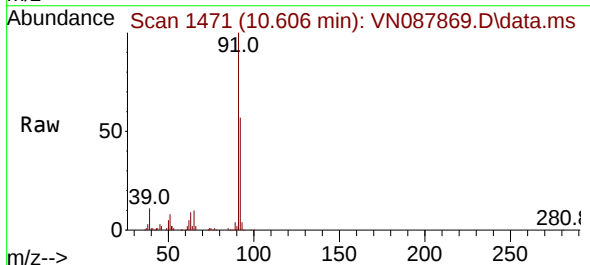
Tgt Ion:164 Resp: 50927
Ion Ratio Lower Upper
164 100
166 116.6 97.3 145.9
129 97.3 78.6 117.8
131 93.0 79.2 118.8

Manual Integrations
APPROVED

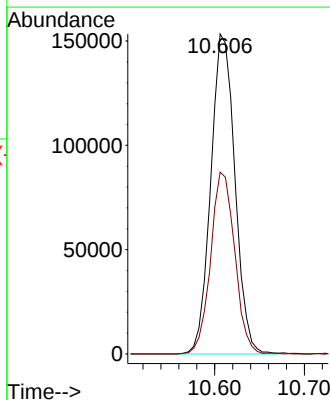
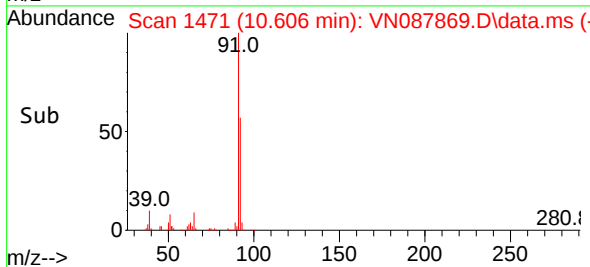
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

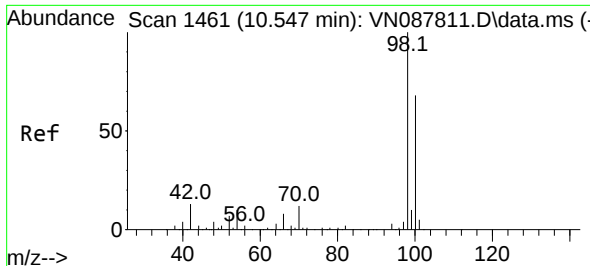


#62
Toluene
Concen: 18.296 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



Tgt Ion: 91 Resp: 286562
Ion Ratio Lower Upper
91 100
92 56.6 45.4 68.0





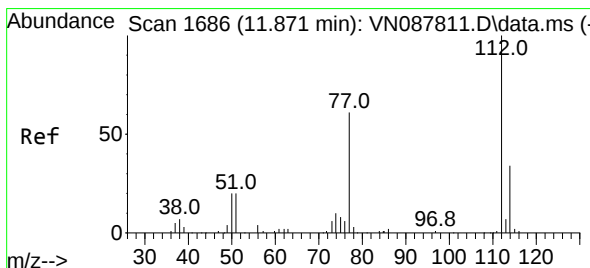
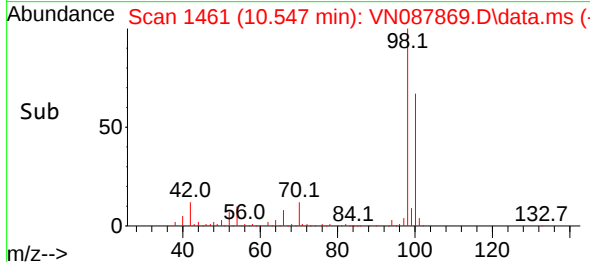
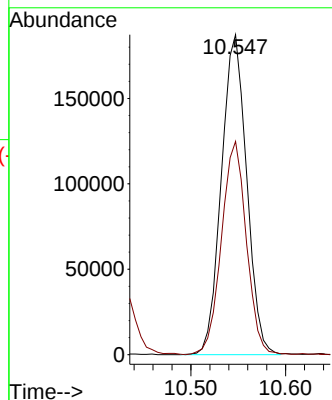
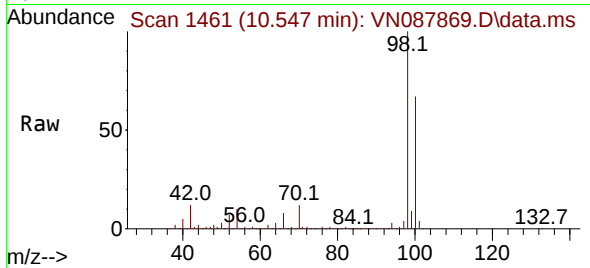
#63
Toluene-d8
Concen: 28.879 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 34775
Ion Ratio Lower Upper
98 100
100 65.6 50.6 76.0

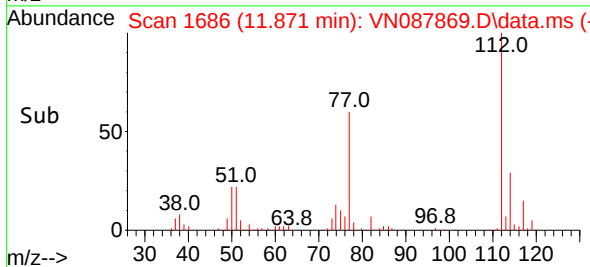
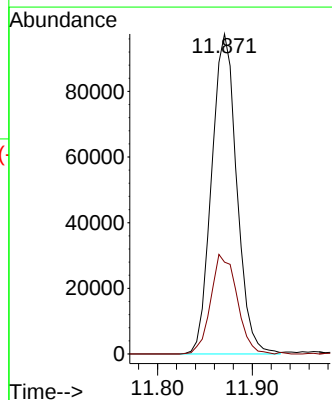
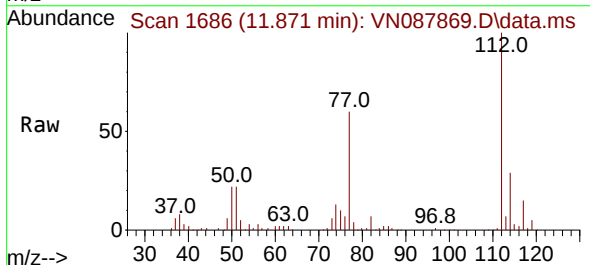
Manual Integrations
APPROVED

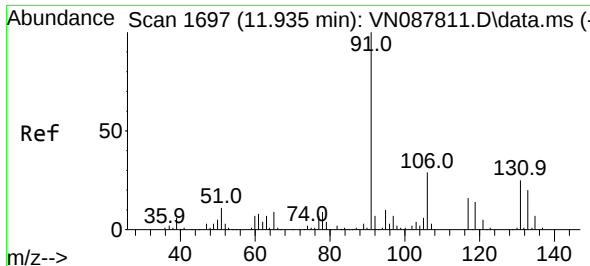
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#64
Chlorobenzene
Concen: 18.713 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion:112 Resp: 179893
Ion Ratio Lower Upper
112 100
114 28.7 23.5 35.3





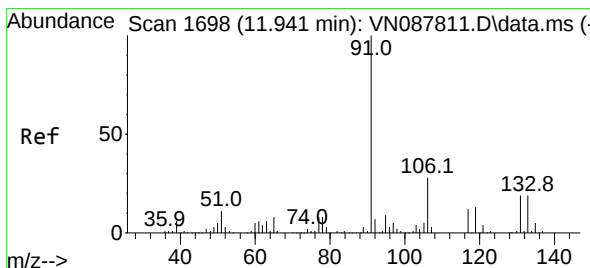
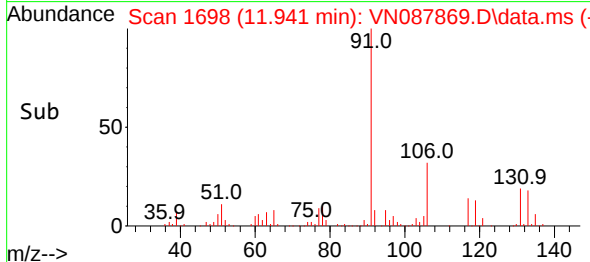
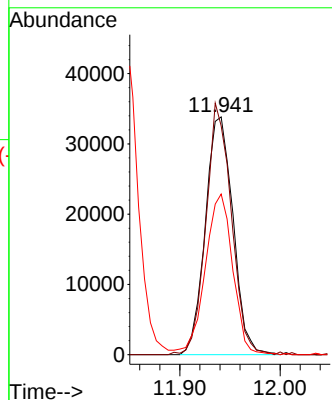
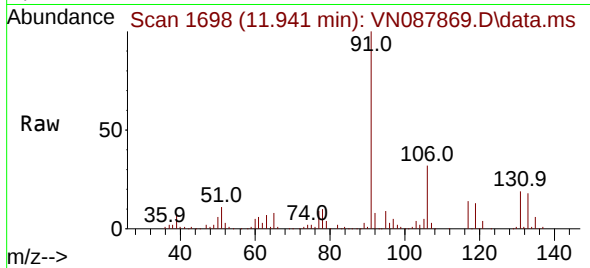
#65
1,1,1,2-Tetrachloroethane
Concen: 19.239 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 6511
Ion Ratio Lower Upper
131 100
133 96.8 0.0 195.8
119 66.9 0.0 139.0

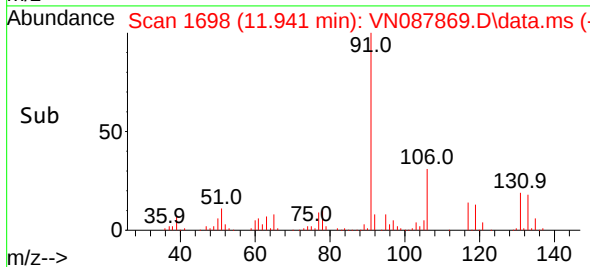
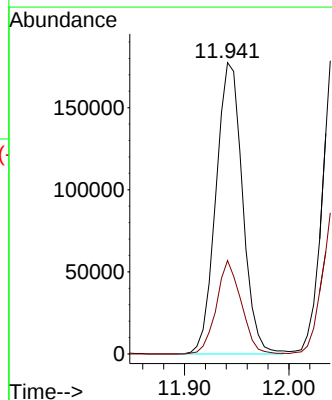
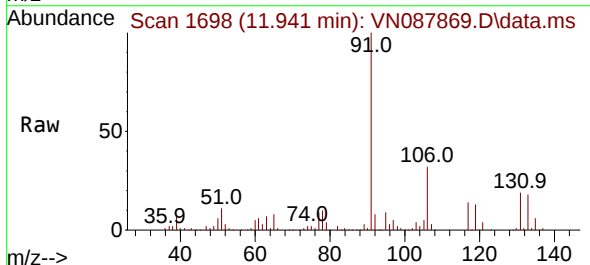
Manual Integrations
APPROVED

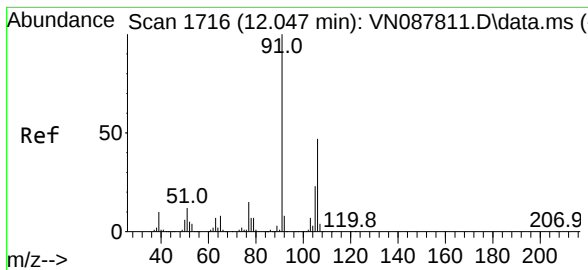
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
Ethyl Benzene
Concen: 18.600 ug/l m
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

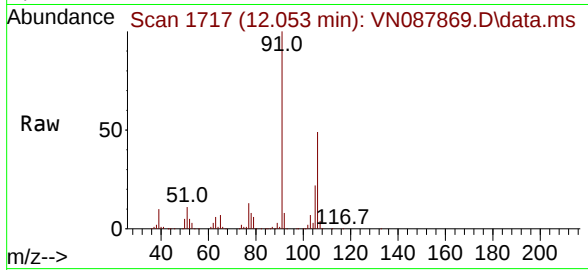
Tgt Ion: 91 Resp: 314293
Ion Ratio Lower Upper
91 100
106 32.1 21.3 31.9#





#67
m/p-Xylenes
Concen: 37.305 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

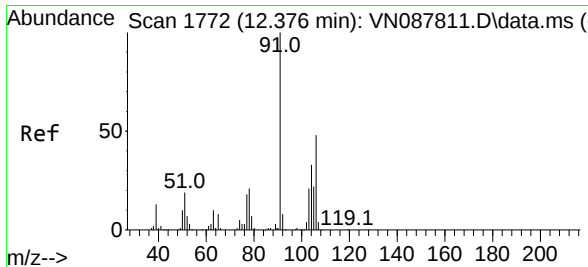
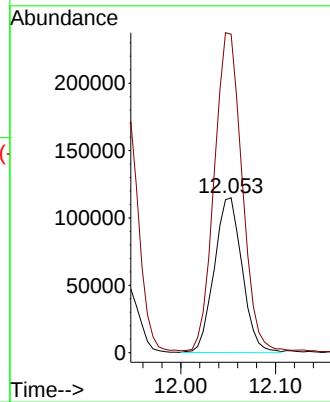
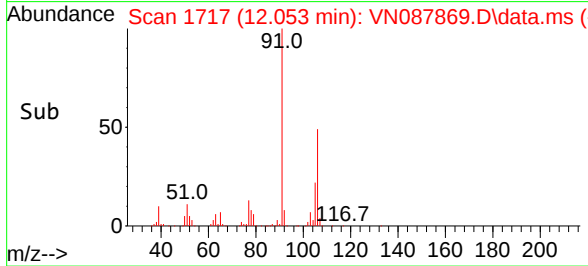
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



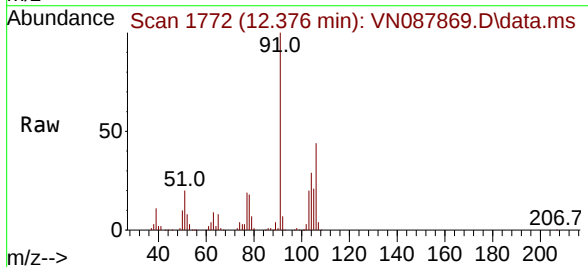
Tgt Ion:106 Resp: 23399
Ion Ratio Lower Upper
106 100
91 207.1 174.3 261.5

Manual Integrations
APPROVED

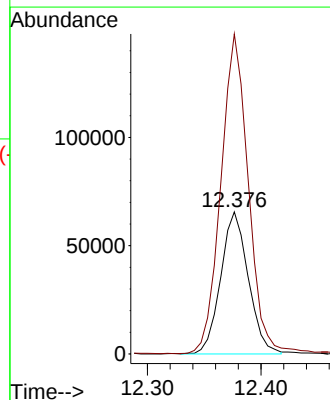
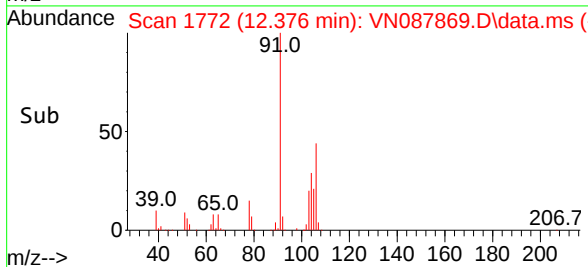
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

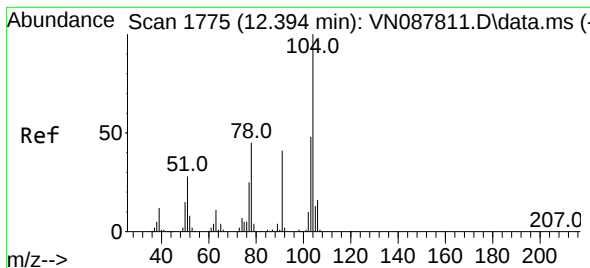


#68
o-Xylene
Concen: 18.241 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



Tgt Ion:106 Resp: 110935
Ion Ratio Lower Upper
106 100
91 223.1 107.7 323.3





#69

Styrene

Concen: 18.095 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

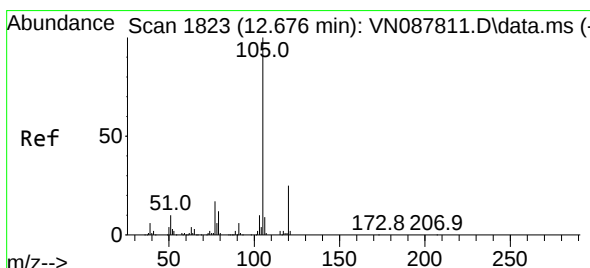
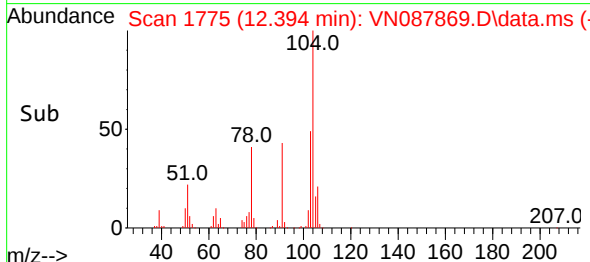
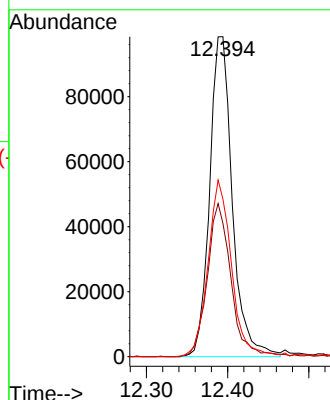
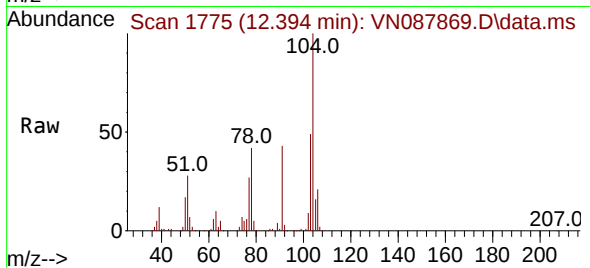
Tgt Ion:104 Resp: 19126
 Ion Ratio Lower Upper
 104 100
 78 49.0 41.0 61.6
 103 57.0 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#70

Isopropylbenzene

Concen: 19.093 ug/l

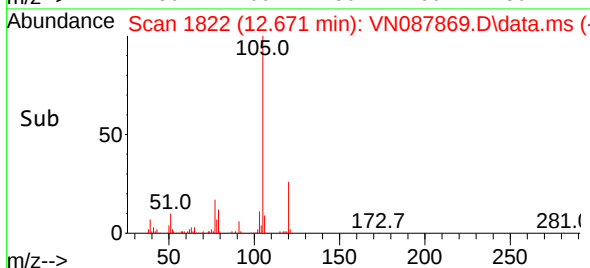
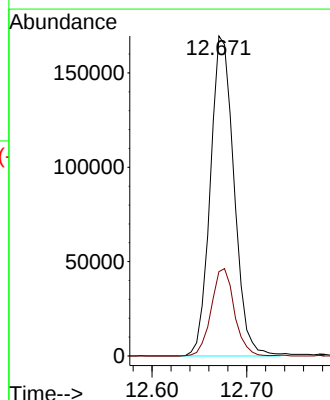
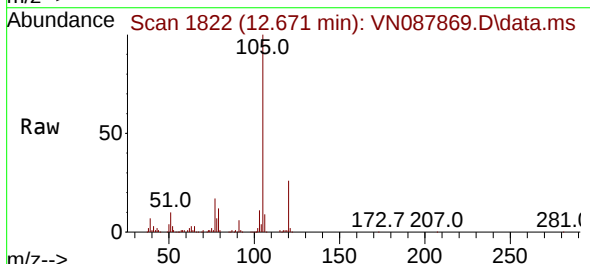
RT: 12.671 min Scan# 1822

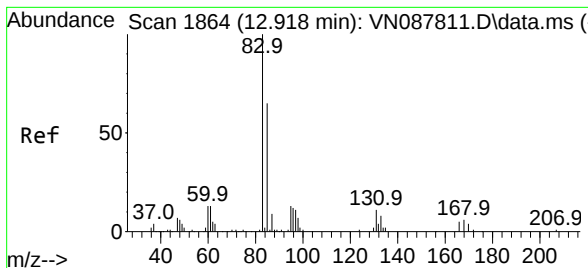
Delta R.T. -0.006 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

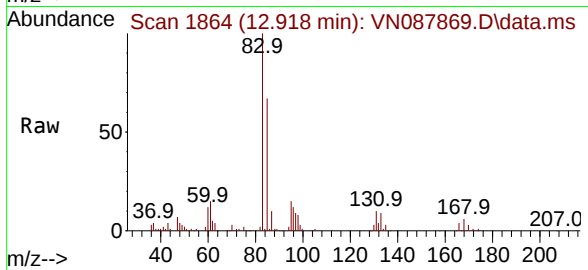
Tgt Ion:105 Resp: 294417
 Ion Ratio Lower Upper
 105 100
 120 26.6 17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 18.614 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

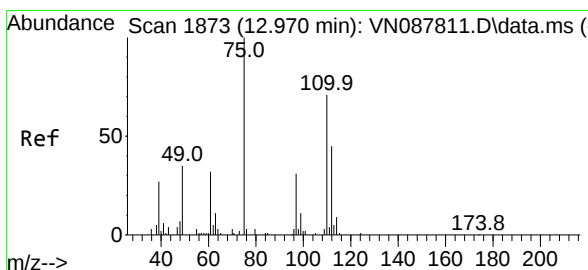
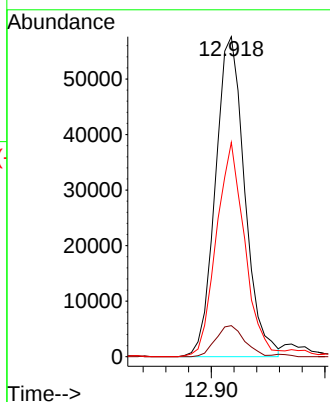
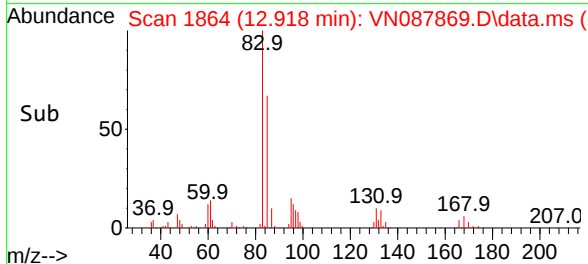
Instrument : MSVOA_N
ClientSampleId : VSTDCCC020



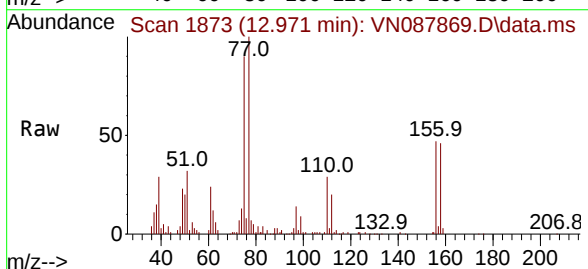
Tgt Ion: 83 Resp: 103192
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.9 31.9 95.7

Manual Integrations
APPROVED

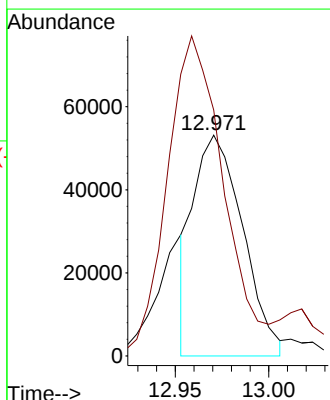
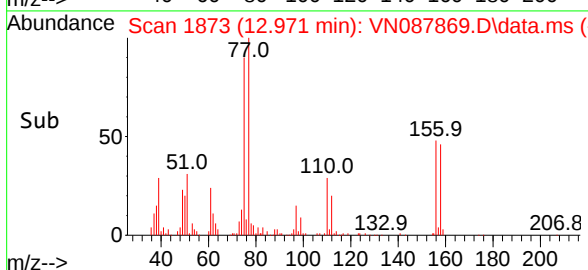
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

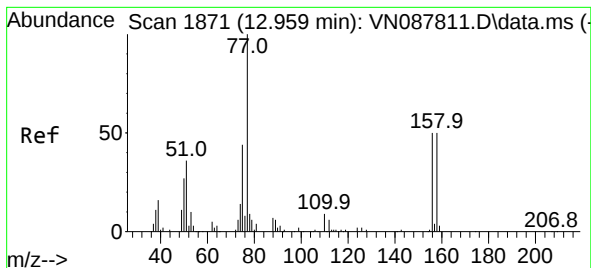


#72
1,2,3-Trichloropropane
Concen: 17.804 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



Tgt Ion: 75 Resp: 96909
Ion Ratio Lower Upper
75 100
77 167.0 0.0 378.8





#73

Bromobenzene

Concen: 18.889 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

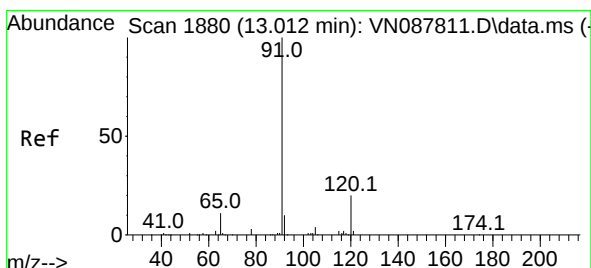
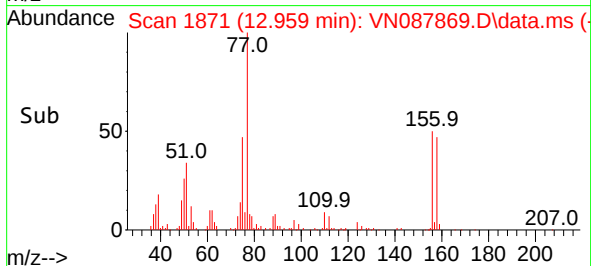
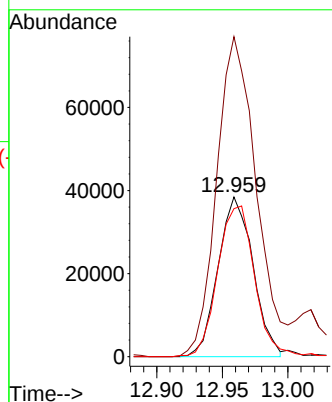
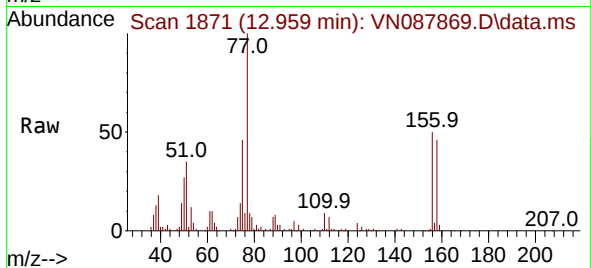
Tgt Ion:	156	Resp:	7126
Ion Ratio	Lower	Upper	
156	100		
77	227.1	0.0	484.2
158	99.4	0.0	186.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#74

n-propylbenzene

Concen: 18.990 ug/l

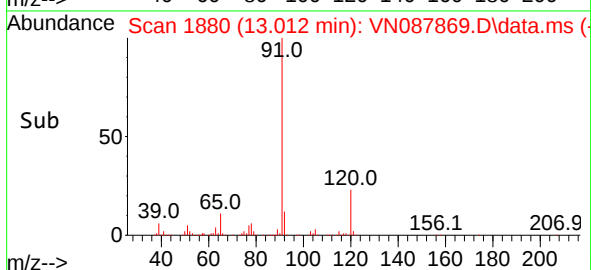
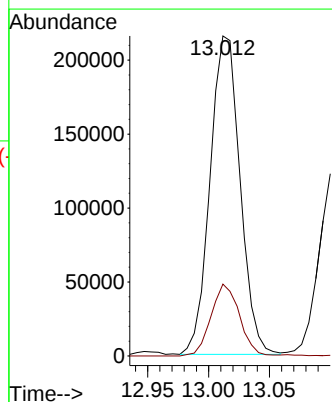
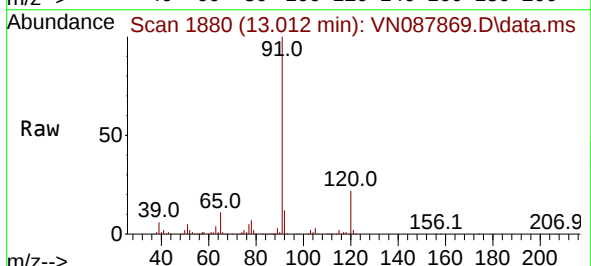
RT: 13.012 min Scan# 1880

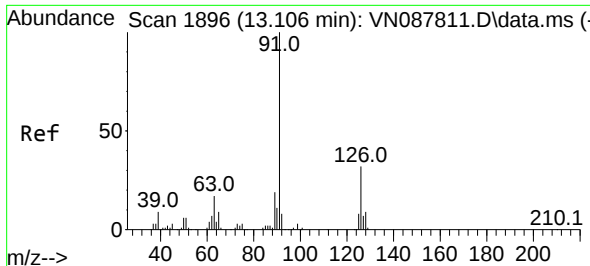
Delta R.T. -0.000 min

Lab File: VN087869.D

Acq: 17 Sep 2025 09:42

Tgt Ion:	91	Resp:	369477
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	42.2





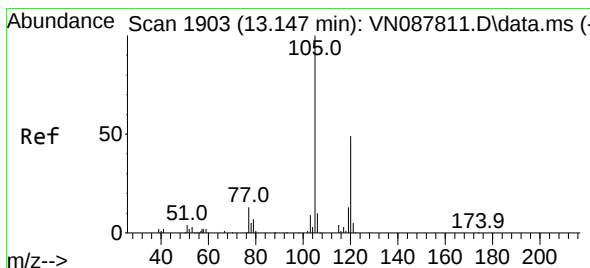
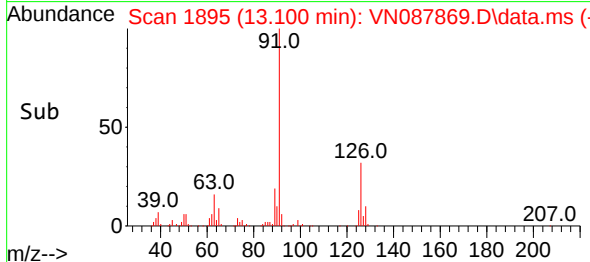
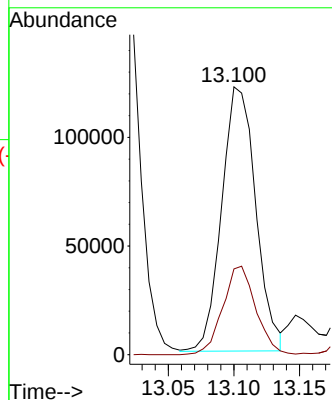
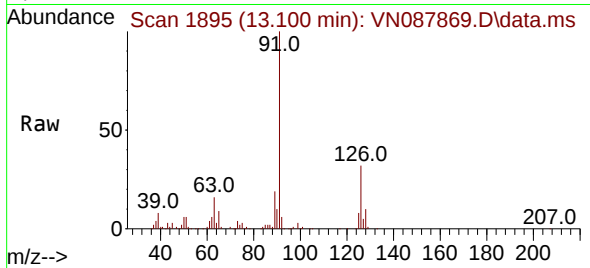
#75
2-Chlorotoluene
Concen: 18.796 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 22011
Ion Ratio Lower Upper
91 100
126 32.4 0.0 60.4

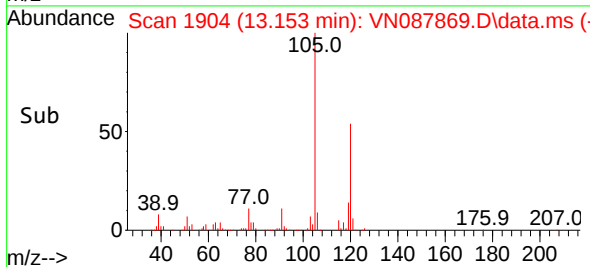
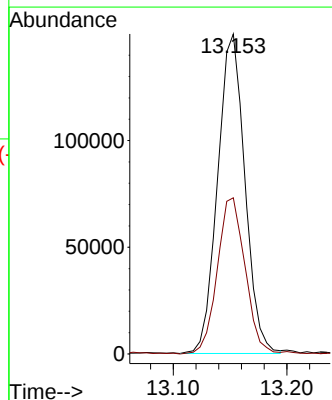
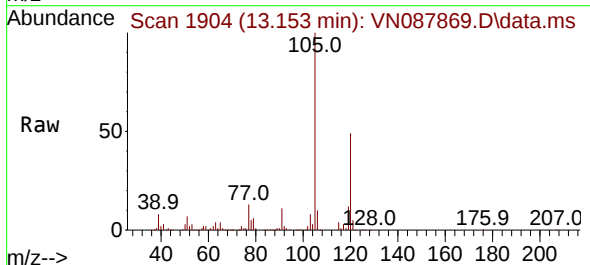
Manual Integrations
APPROVED

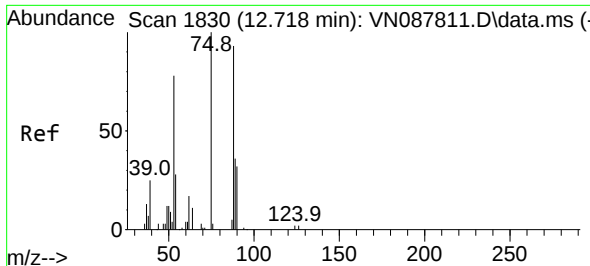
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.162 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

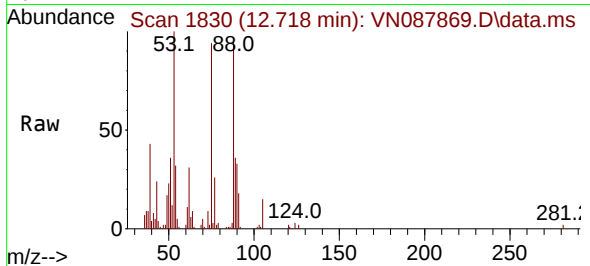
Tgt Ion:105 Resp: 249532
Ion Ratio Lower Upper
105 100
120 49.8 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.585 ug/l m
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

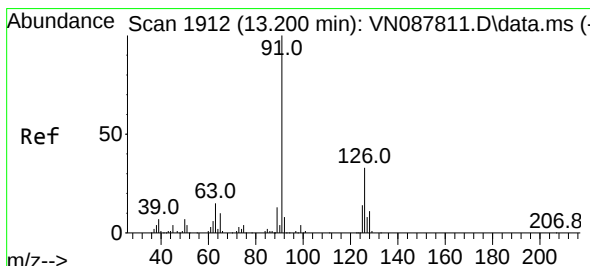
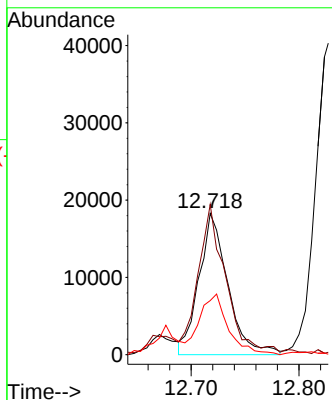
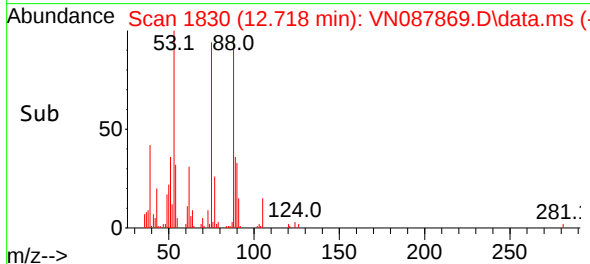
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



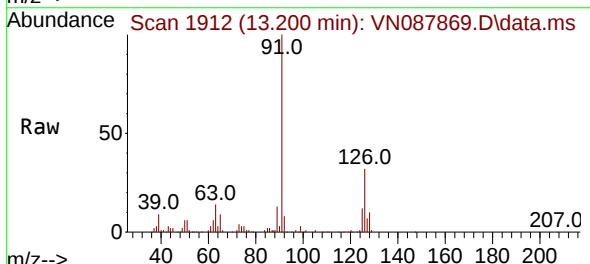
Tgt Ion: 75 Resp: 34144
Ion Ratio Lower Upper
75 100
53 106.3 45.3 135.9
89 38.3 18.8 56.3

Manual Integrations
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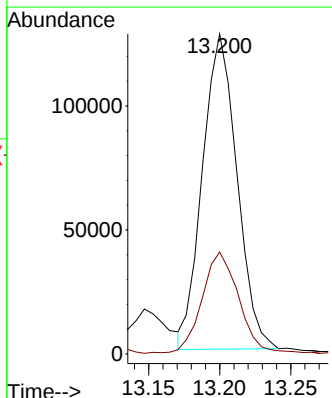
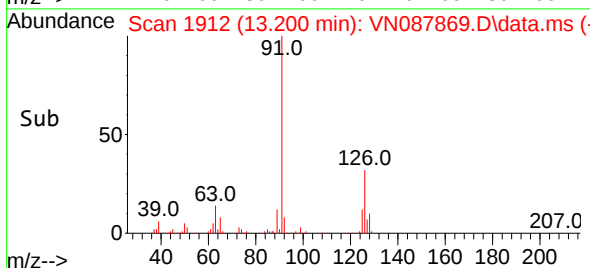
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

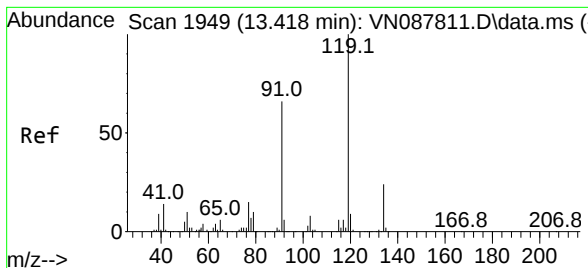


#78
4-Chlorotoluene
Concen: 18.179 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



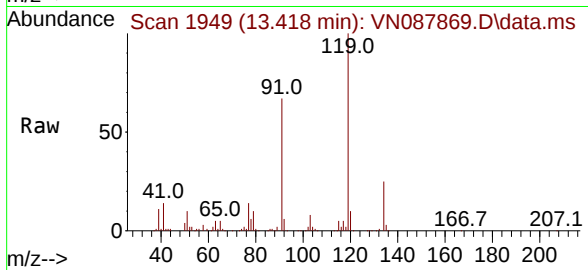
Tgt Ion: 91 Resp: 214620
Ion Ratio Lower Upper
91 100
126 35.1 0.0 67.0





#79
tert-butylbenzene
Concen: 19.953 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

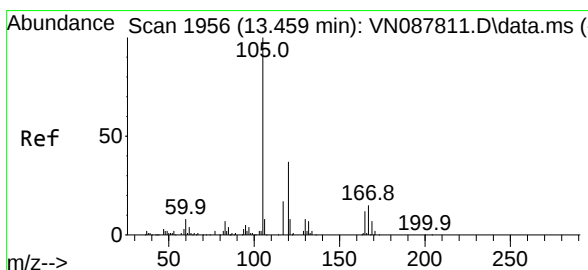
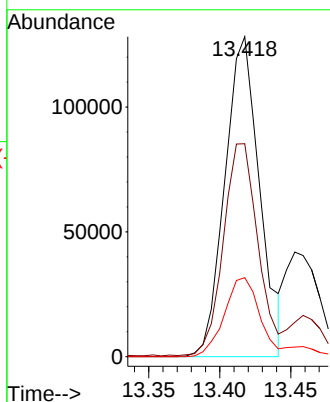
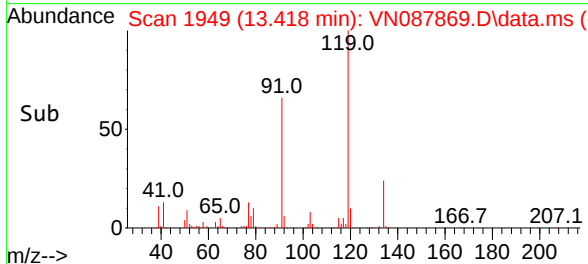
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 217594
Ion Ratio Lower Upper
119 100
91 66.0 0.0 142.6
134 24.9 0.0 47.2

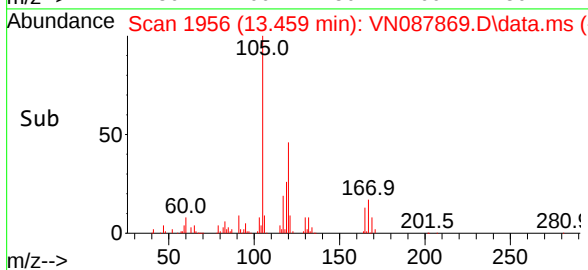
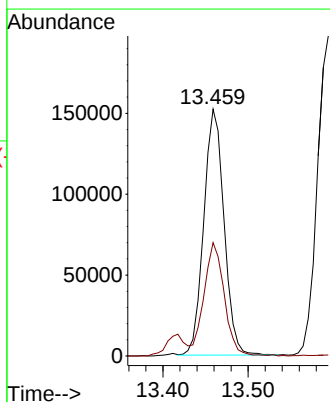
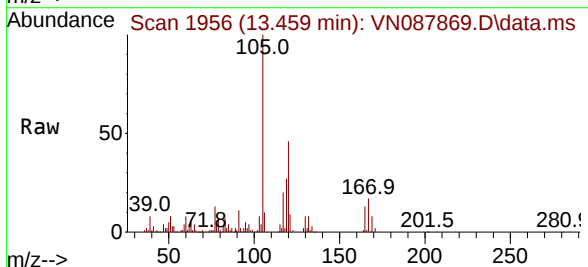
Manual Integrations
APPROVED

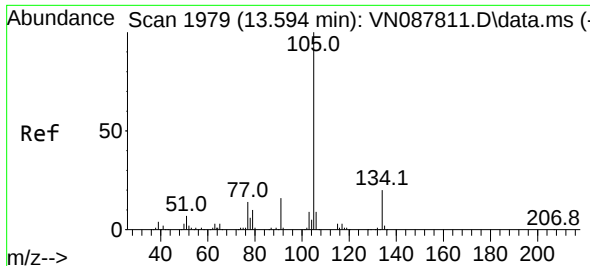
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.815 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

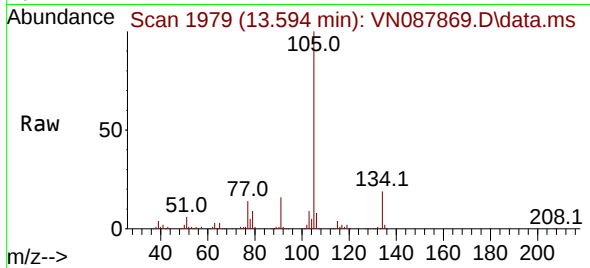
Tgt Ion:105 Resp: 251183
Ion Ratio Lower Upper
105 100
120 46.1 0.0 86.6





#81
 sec-Butylbenzene
 Concen: 20.100 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087869.D
 Acq: 17 Sep 2025 09:42

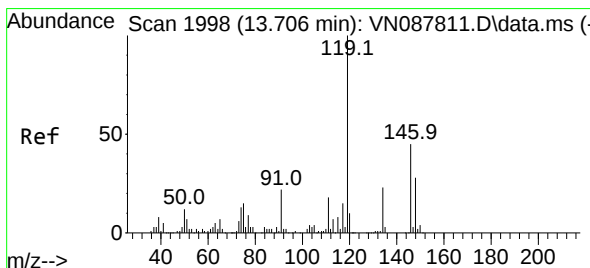
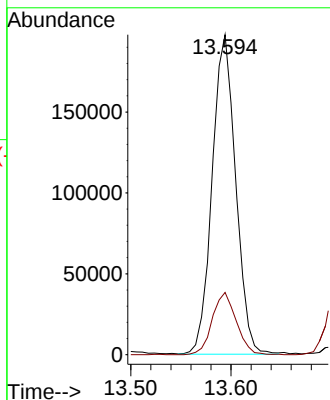
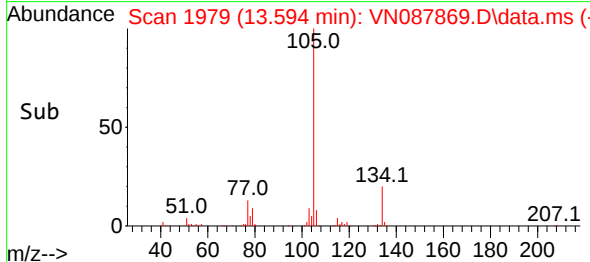
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



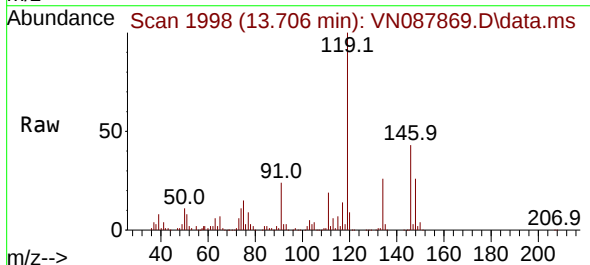
Tgt Ion:105 Resp: 322425
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 37.0

Manual Integrations
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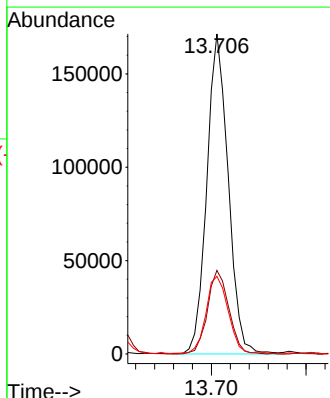
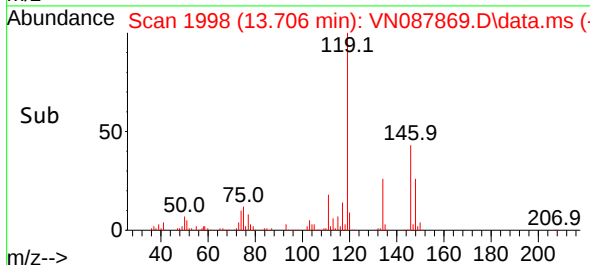
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

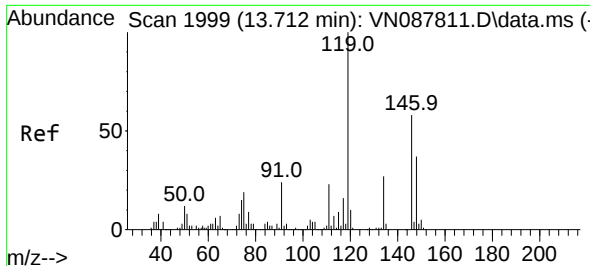


#82
 p-Isopropyltoluene
 Concen: 20.299 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087869.D
 Acq: 17 Sep 2025 09:42



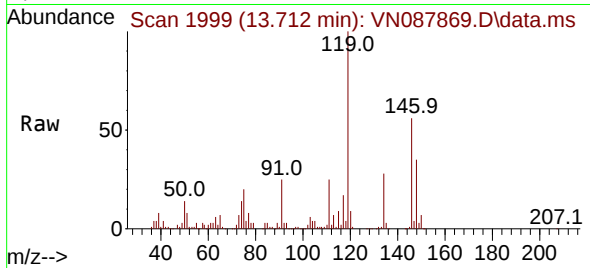
Tgt Ion:119 Resp: 268282
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 49.4
 91 24.9 0.0 52.2





#83
1,3-Dichlorobenzene
Concen: 19.657 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

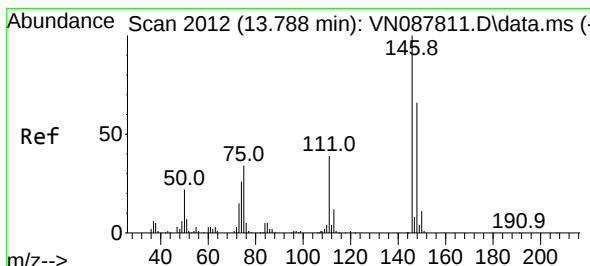
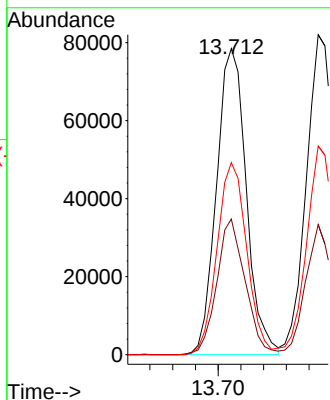
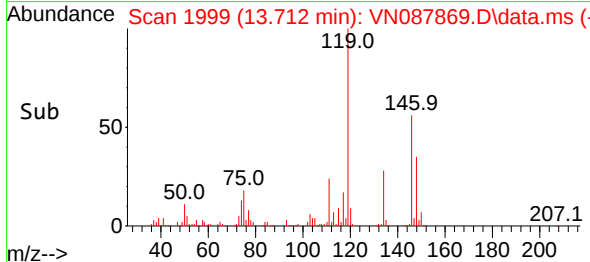
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



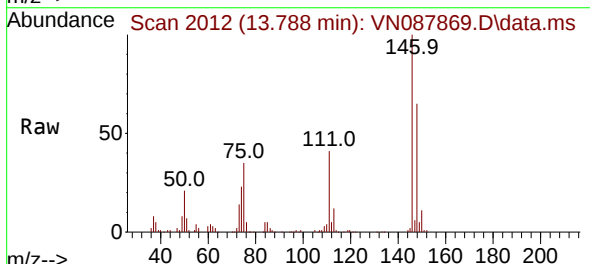
Tgt Ion:146 Resp: 142978
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.4
148 62.4 31.0 93.0

Manual Integrations
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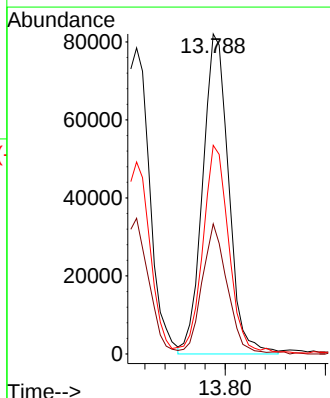
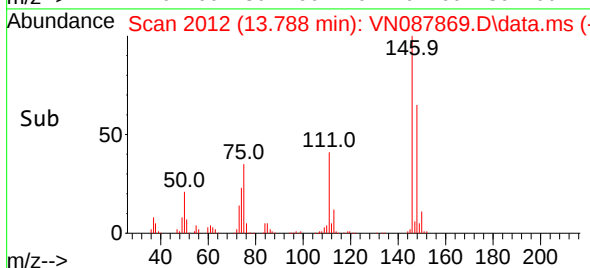
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

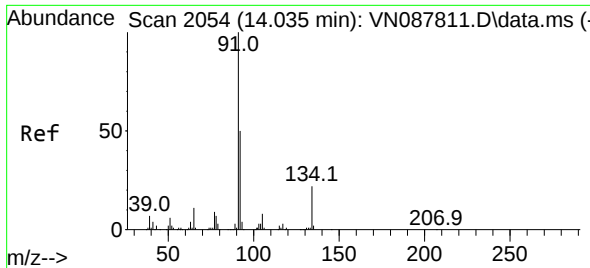


#84
1,4-Dichlorobenzene
Concen: 20.261 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



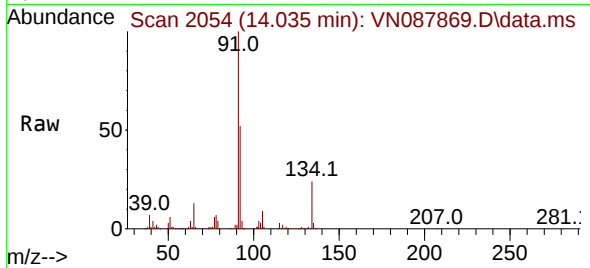
Tgt Ion:146 Resp: 147719
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.5
148 63.8 31.5 94.5





#85
n-Butylbenzene
Concen: 19.849 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

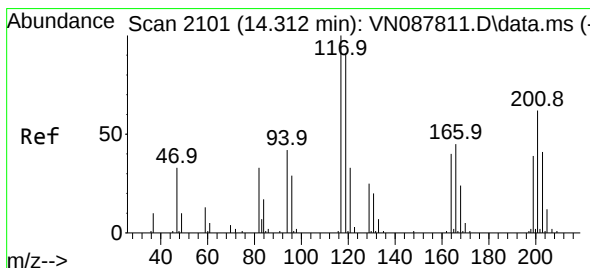
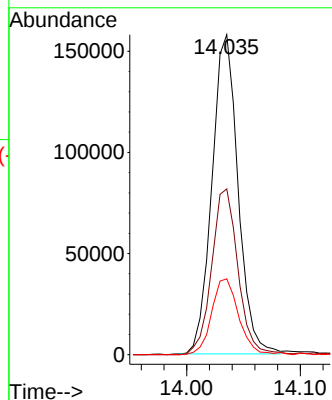
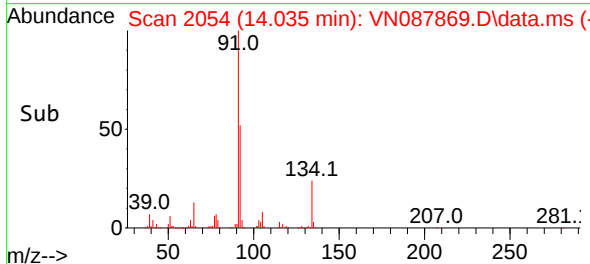
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 25216
Ion Ratio Lower Upper
91 100
92 52.4 0.0 104.0
134 24.7 0.0 46.0

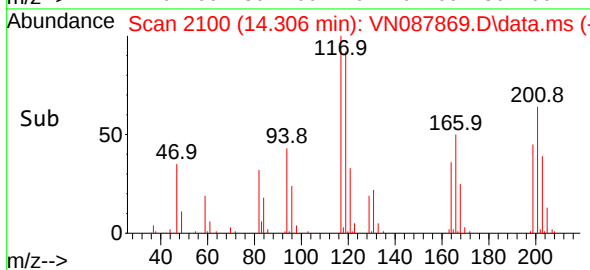
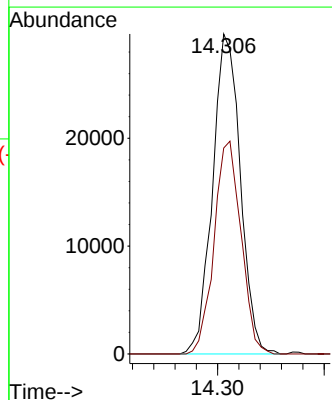
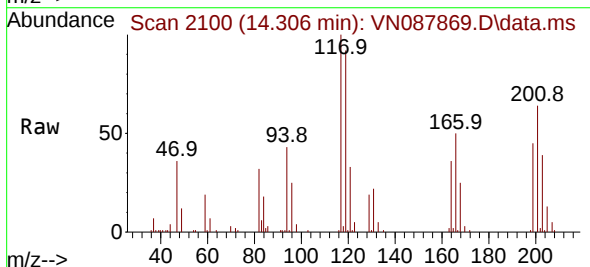
Manual Integrations
APPROVED

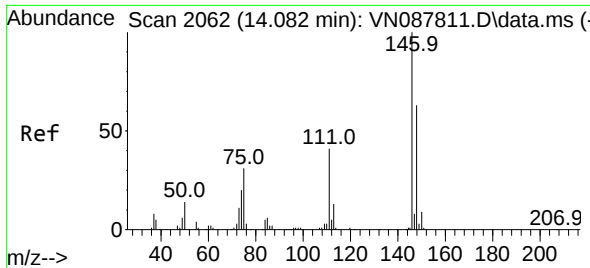
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#86
Hexachloroethane
Concen: 20.013 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion:117 Resp: 53724
Ion Ratio Lower Upper
117 100
201 64.4 29.9 89.7





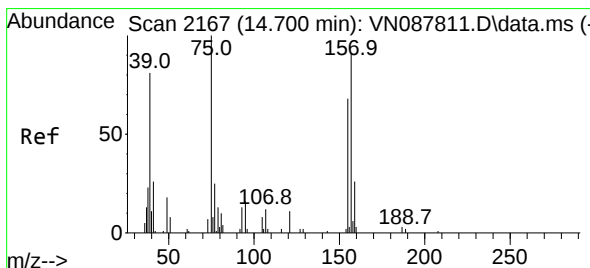
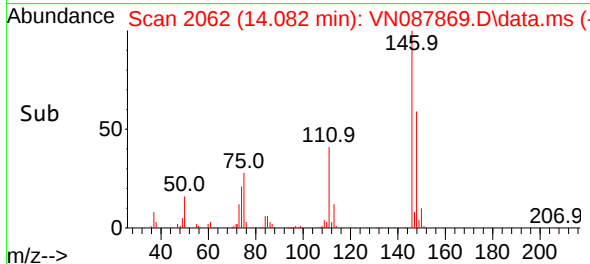
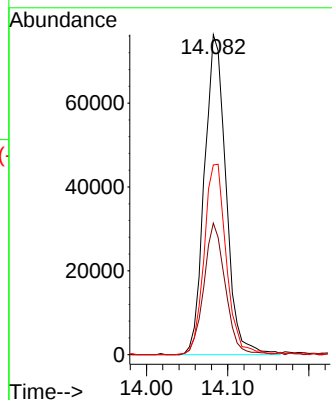
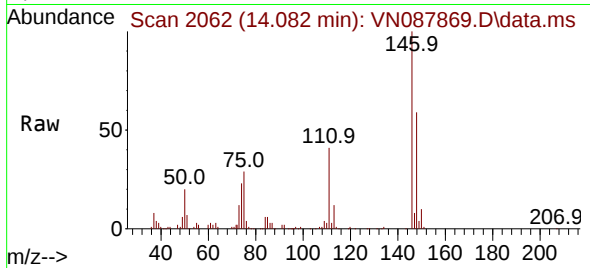
#87
1,2-Dichlorobenzene
Concen: 20.507 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 140678
Ion Ratio Lower Upper
146 100
111 40.8 21.5 64.5
148 60.3 33.4 100.1

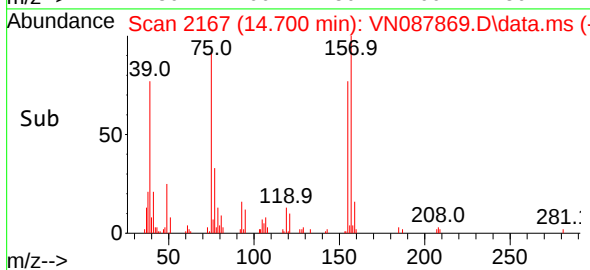
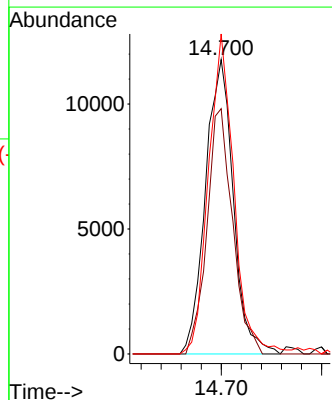
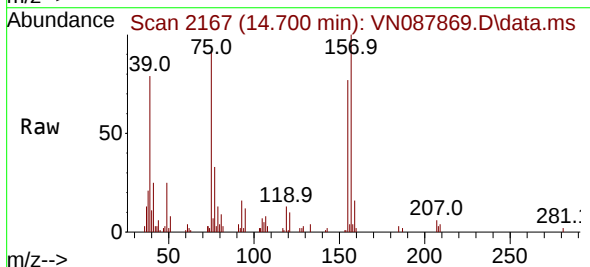
Manual Integrations
APPROVED

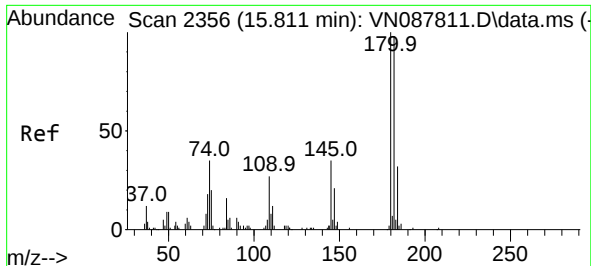
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.468 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

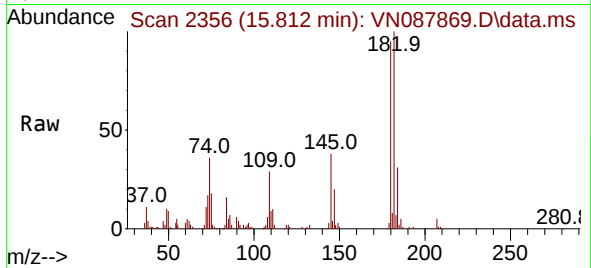
Tgt Ion: 75 Resp: 22720
Ion Ratio Lower Upper
75 100
155 76.8 53.0 79.4
157 99.1 72.2 108.4





#89
1,2,4-Trichlorobenzene
Concen: 20.244 ug/l
RT: 15.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

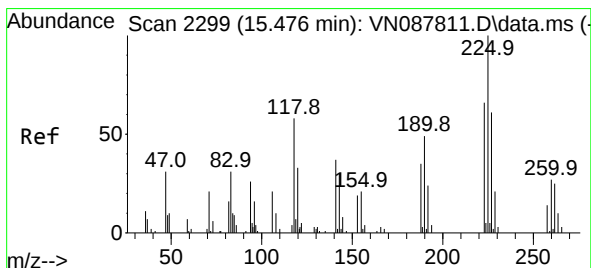
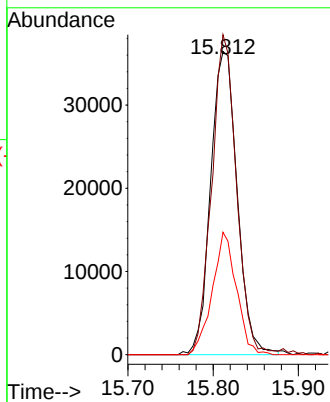
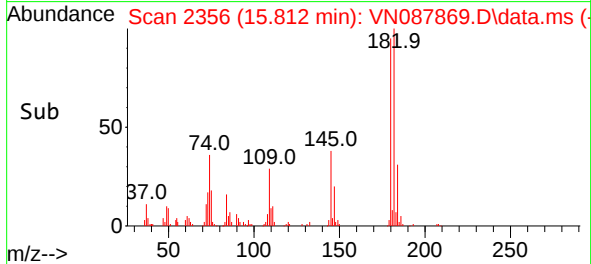
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



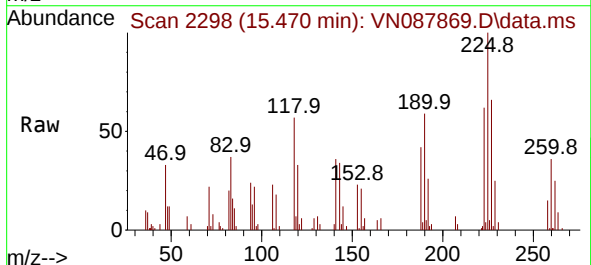
Tgt Ion:180 Resp: 7898
Ion Ratio Lower Upper
180 100
182 98.1 74.6 111.8
145 36.5 27.4 41.0

Manual Integrations
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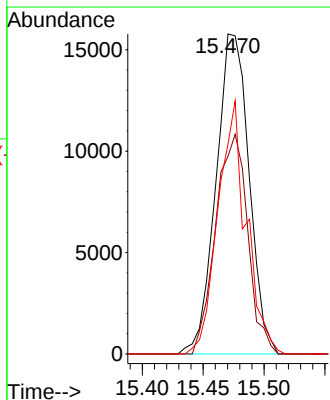
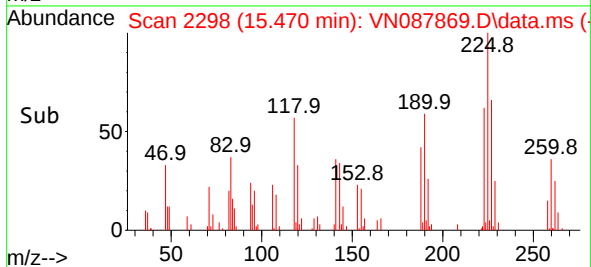
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

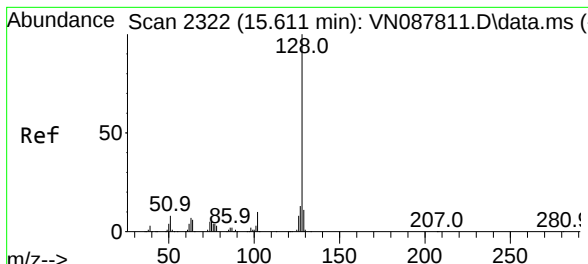


#90
Hexachlorobutadiene
Concen: 22.803 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42



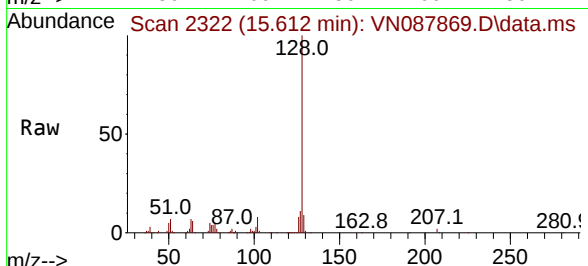
Tgt Ion:225 Resp: 29826
Ion Ratio Lower Upper
225 100
223 66.6 0.0 118.2
227 67.9 0.0 139.0





#91
Naphthalene
Concen: 18.665 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

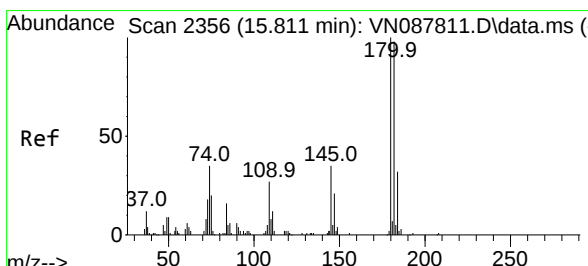
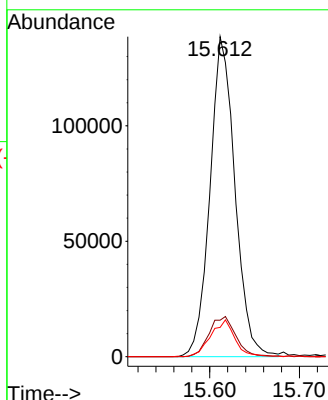
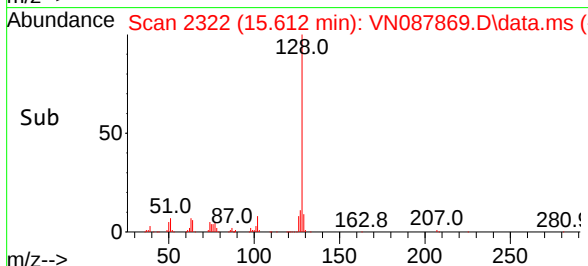
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 26810
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.1 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.244 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087869.D
Acq: 17 Sep 2025 09:42

Tgt Ion:180 Resp: 78987
Ion Ratio Lower Upper
180 100
182 98.1 0.0 186.4
145 36.5 0.0 68.4

