

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087168.D
 Acq On : 25 Jun 2025 11:08
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062525

Quant Time: Jun 25 15:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.829	128	35075	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	195745	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	185221	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	78569	29.730	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.100%
60) 4-Bromofluorobenzene	12.847	95	87563	30.636	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.133%
63) Toluene-d8	10.565	98	253524	30.485	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	39936	18.915	ug/l	89
3) Chloromethane	2.400	50	40578	18.816	ug/l	95
4) Vinyl Chloride	2.553	62	40792	17.404	ug/l	99
5) Bromomethane	3.000	94	25492	20.494	ug/l	97
6) Chloroethane	3.153	64	24041	19.122	ug/l	99
7) Trichlorofluoromethane	3.530	101	54078	18.810	ug/l	100
8) Diethyl Ether	3.989	74	27463	19.443	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	40891	19.184	ug/l #	88
10) 1,1-Dichloroethene	4.365	96	40670	19.141	ug/l	89
11) Methyl Iodide	4.612	142	29562	15.530	ug/l	94
12) Methyl Acetate	5.047	43	65886	19.769	ug/l	96
13) Acrolein	4.206	56	54597	106.612	ug/l	100
14) Acrylonitrile	5.741	53	153387	98.671	ug/l	99
15) Acetone	4.447	58	44493	98.119	ug/l	89
16) Carbon Disulfide	4.741	76	116947	18.825	ug/l	98
17) Allyl chloride	5.053	41	64340	18.360	ug/l	93
18) Methylene Chloride	5.306	84	46095	18.727	ug/l	97
19) trans-1,2-Dichloroethene	5.812	96	44162	19.006	ug/l	97
20) Diisopropyl ether	6.688	45	142767	19.202	ug/l	99
21) 1,1-Dichloroethane	6.588	63	77314	17.398	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	51043	18.875	ug/l	97
23) tert-Butyl Alcohol	5.536	59	60387	103.292	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	144916	19.447	ug/l	99
25) Chloroform	7.977	83	75565	17.750	ug/l	99
26) Cyclohexane	8.271	56	64739	17.527	ug/l #	99
29) 1,1-Dichloropropene	8.382	75	56214	18.425	ug/l	98
30) 2-Butanone	7.494	43	198883	96.637	ug/l	99
31) 2,2-Dichloropropane	7.500	77	71663	19.459	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	63831	17.908	ug/l	98
33) Carbon Tetrachloride	8.371	117	54332	18.113	ug/l	99
34) Benzene	8.612	78	167939	17.375	ug/l	99
35) Methacrylonitrile	7.782	41	36192	17.450	ug/l	96
36) 1,2-Dichloroethane	8.676	62	58192	18.634	ug/l	99
37) Trichloroethene	9.353	130	44053	19.760	ug/l	93
38) Methylcyclohexane	9.606	83	67623	19.317	ug/l	99
39) 1,2-Dichloropropane	9.623	63	47099	19.414	ug/l	99
40) Dibromomethane	9.712	93	31445	19.062	ug/l	98
41) Bromodichloromethane	9.894	83	65145	19.565	ug/l	96
42) Vinyl Acetate	6.618	43	564048	84.264	ug/l	97

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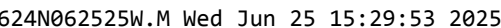
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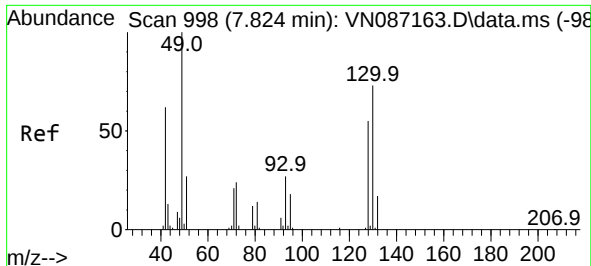
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	76982	20.721	ug/l	98
44) Isopropyl Acetate	8.694	43	113470	18.746	ug/l	100
45) 1,4-Dioxane	9.700	88	17828	435.392	ug/l	98
46) Methyl methacrylate	9.682	41	53380	18.970	ug/l	96
47) n-amyl Acetate	12.541	43	14279	3.858	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	72502	19.532	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	76780	19.457	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	44707	19.079	ug/l	96
51) Ethyl methacrylate	10.882	69	66937	18.768	ug/l	96
52) 1,3-Dichloropropane	11.165	76	76546	19.027	ug/l	99
53) Dibromochloromethane	11.359	129	47380	19.262	ug/l	97
54) 1,2-Dibromoethane	11.470	107	45103	18.656	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	184630	90.312	ug/l	99
56) Bromoform	12.576	173	31131	18.410	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	364138	97.791	ug/l	99
59) 2-Hexanone	11.206	43	209381	87.081	ug/l	97
61) Tetrachloroethene	11.106	164	33844	18.451	ug/l	95
62) Toluene	10.629	91	196885	18.821	ug/l	97
64) Chlorobenzene	11.894	112	126668	18.982	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	41822	18.969	ug/l	98
66) Ethyl Benzene	11.965	91	211991	18.514	ug/l	100
67) m/p-Xylenes	12.070	106	164422	37.473	ug/l	99
68) o-Xylene	12.394	106	80694	19.277	ug/l	97
69) Styrene	12.412	104	133644	18.596	ug/l	100
70) Isopropylbenzene	12.694	105	203011	19.473	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	72297	19.266	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	97927	30.262	ug/l	51
73) Bromobenzene	12.982	156	47294	18.701	ug/l	99
74) n-propylbenzene	13.035	91	247990	19.471	ug/l	99
75) 2-Chlorotoluene	13.123	91	150115	19.509	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	166512	19.619	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	27150	18.914	ug/l	98
78) 4-Chlorotoluene	13.223	91	155736	19.761	ug/l	100
79) tert-butylbenzene	13.435	119	139520	19.556	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	166385	19.523	ug/l	98
81) sec-Butylbenzene	13.611	105	209004	20.153	ug/l	100
82) p-Isopropyltoluene	13.729	119	172978	20.042	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	94477	19.400	ug/l	100
84) 1,4-Dichlorobenzene	13.811	146	96182	19.624	ug/l	100
85) n-Butylbenzene	14.053	91	162667	20.658	ug/l	99
86) Hexachloroethane	14.335	117	30688	18.784	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	89313	19.450	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16536	19.570	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	50315	19.367	ug/l	97
90) Hexachlorobutadiene	15.494	225	17346	22.501	ug/l	96
91) Naphthalene	15.635	128	193989	18.973	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	50315	19.367	ug/l	97

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

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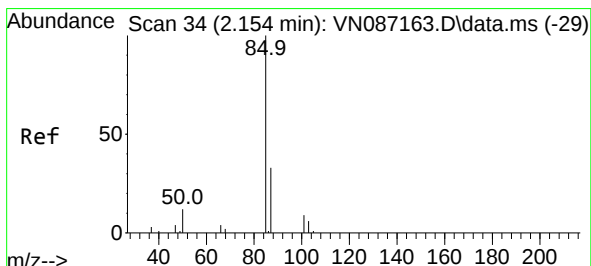
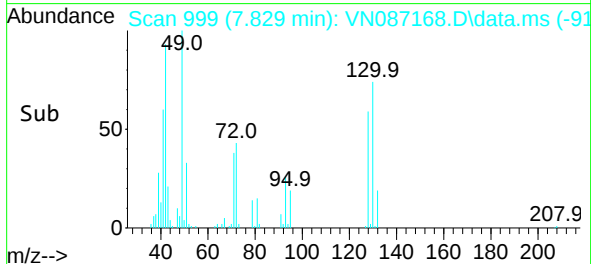
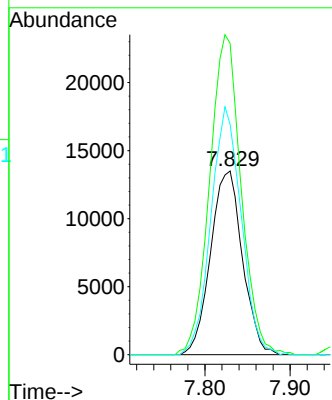
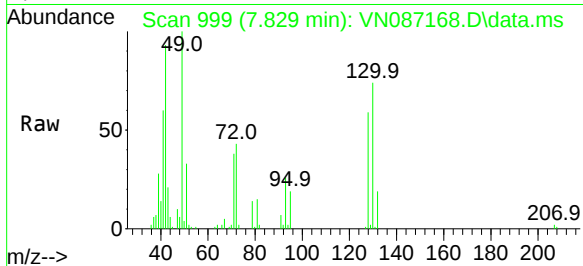




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.829 min Scan# 998
Delta R.T. 0.005 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

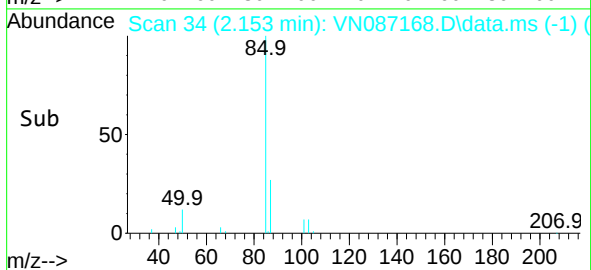
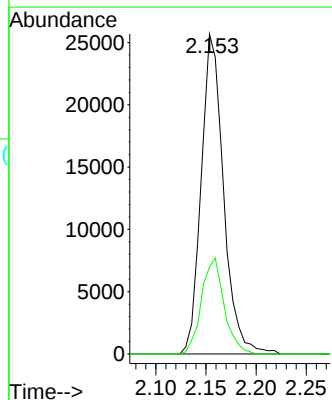
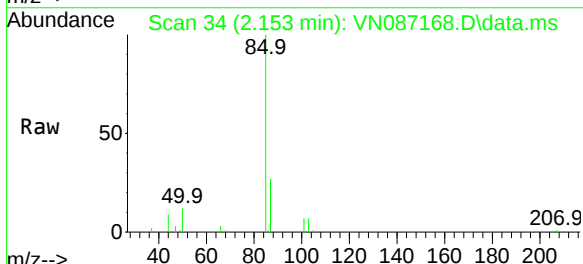
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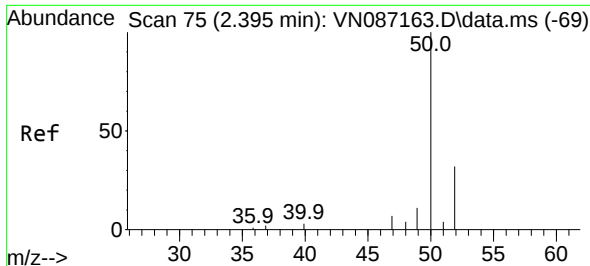
Tgt Ion:128 Resp: 35075
Ion Ratio Lower Upper
128 100
49 171.8 0.0 450.5
130 128.2 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 18.915 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 85 Resp: 39936
Ion Ratio Lower Upper
85 100
87 27.2 16.7 50.0

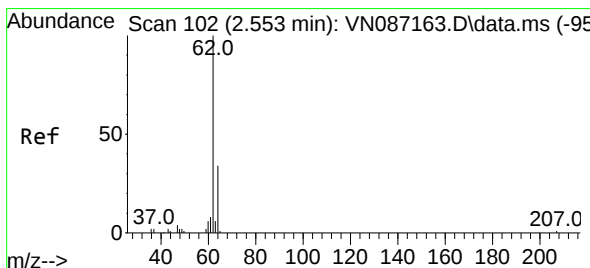
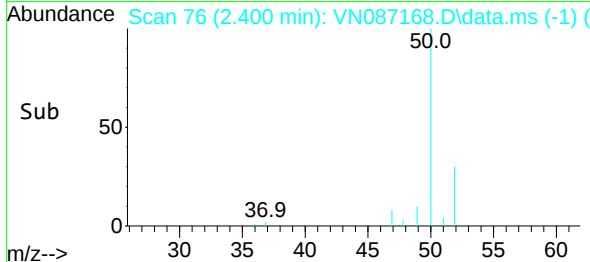
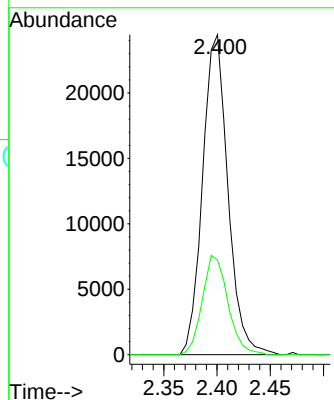
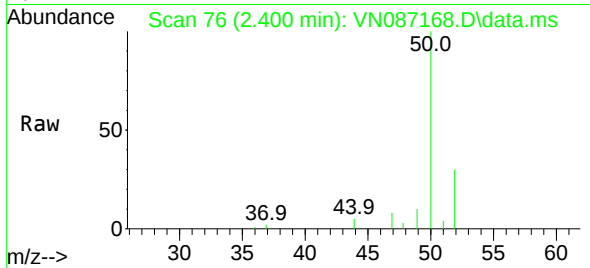




#3
Chloromethane
Concen: 18.816 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

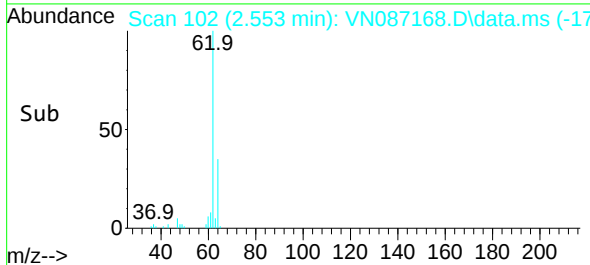
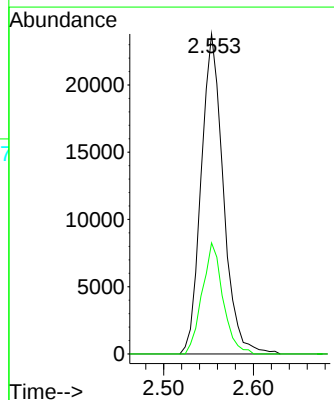
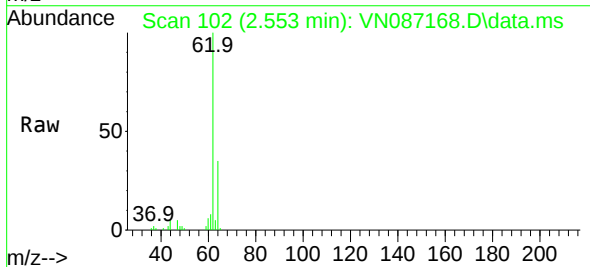
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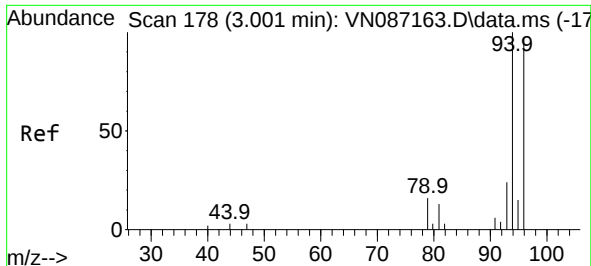
Tgt Ion: 50 Resp: 40578
Ion Ratio Lower Upper
50 100
52 29.6 25.9 38.9



#4
Vinyl Chloride
Concen: 17.404 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 62 Resp: 40792
Ion Ratio Lower Upper
62 100
64 34.7 27.4 41.2

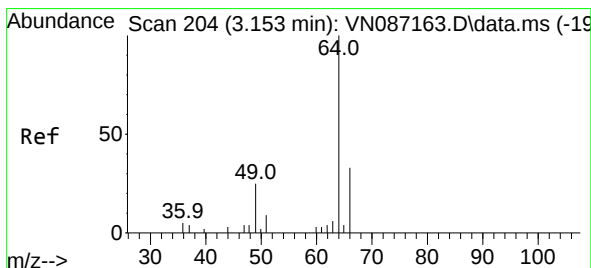
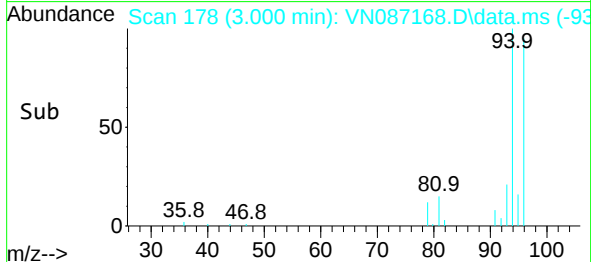
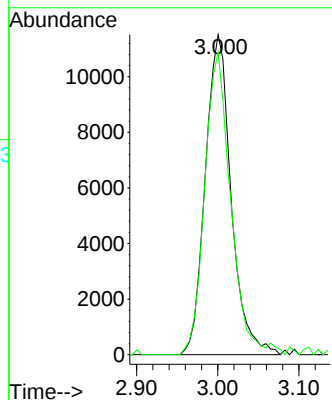
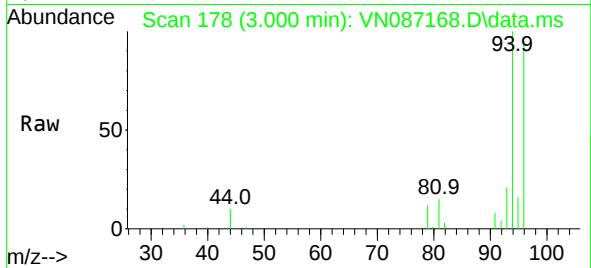




#5
Bromomethane
Concen: 20.494 ug/l
RT: 3.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

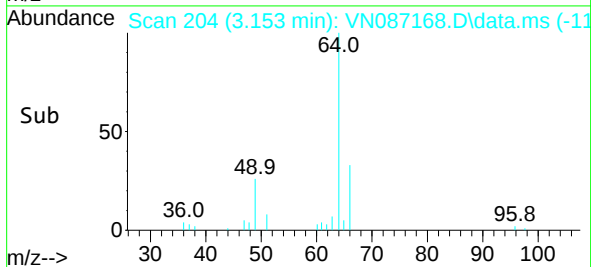
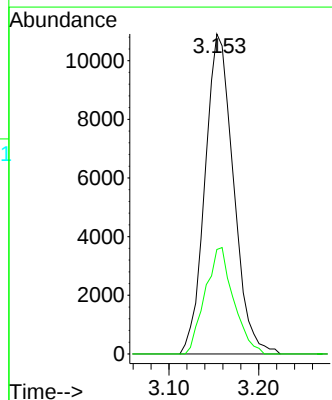
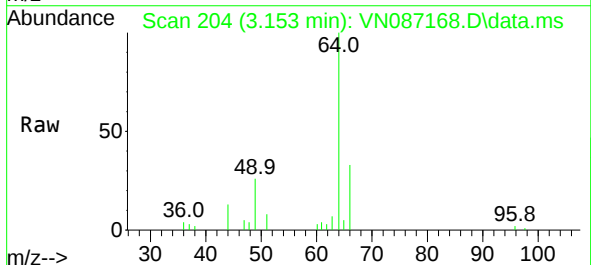
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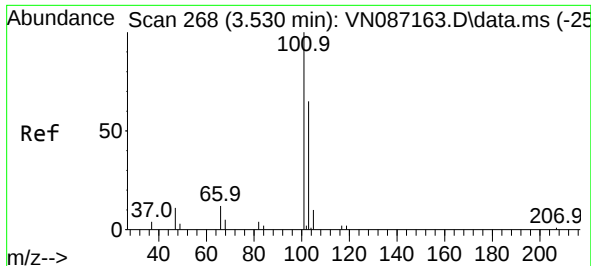
Tgt Ion: 94 Resp: 25492
Ion Ratio Lower Upper
94 100
96 94.5 77.9 116.9



#6
Chloroethane
Concen: 19.122 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 64 Resp: 24041
Ion Ratio Lower Upper
64 100
66 32.6 26.4 39.6

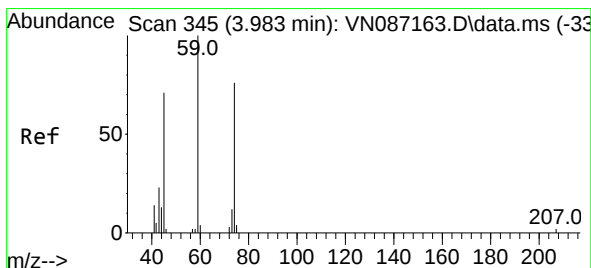
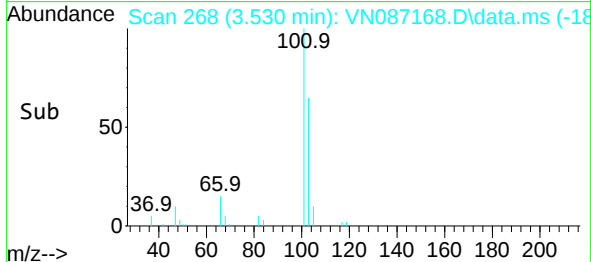
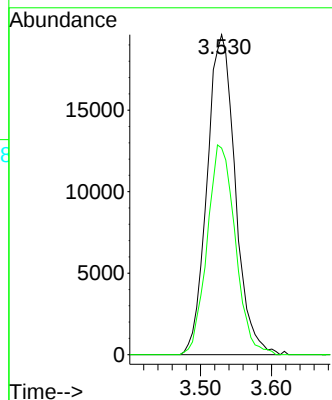
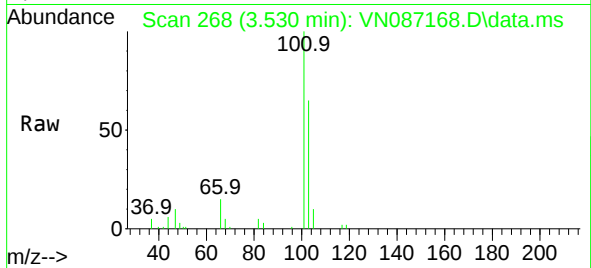




#7
 Trichlorofluoromethane
 Concen: 18.810 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087168.D
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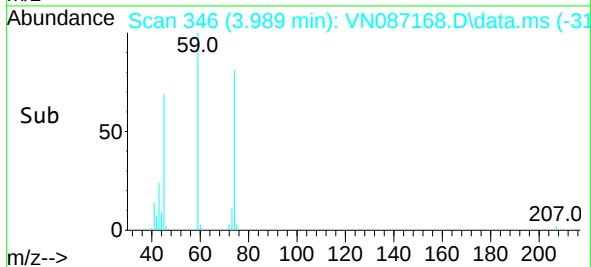
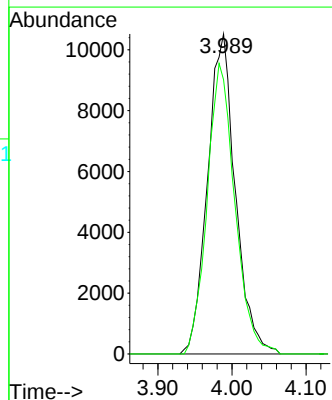
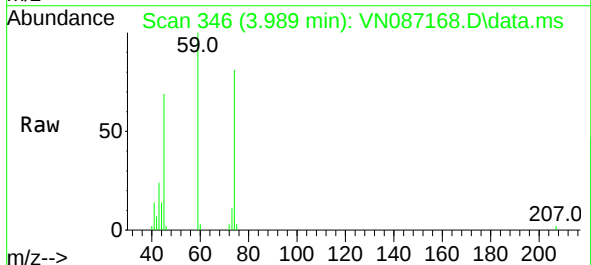
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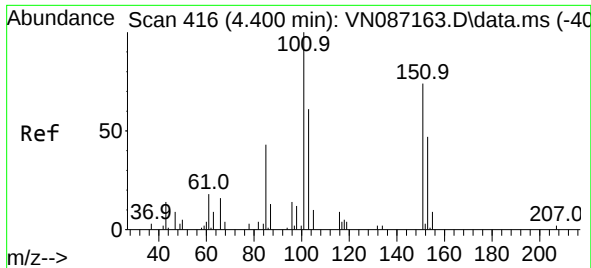
Tgt Ion:101 Resp: 54078
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.8



#8
 Diethyl Ether
 Concen: 19.443 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

Tgt Ion: 74 Resp: 27463
 Ion Ratio Lower Upper
 74 100
 45 90.3 19.0 171.0

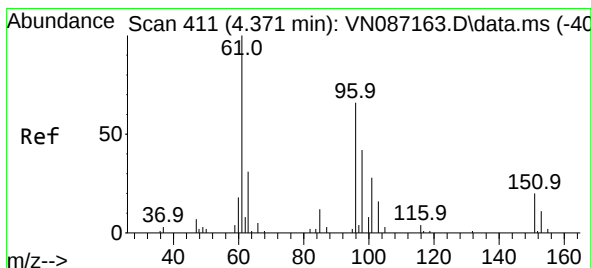
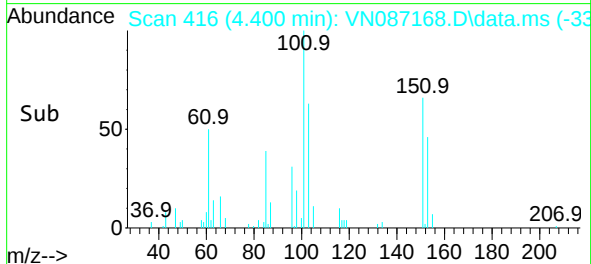
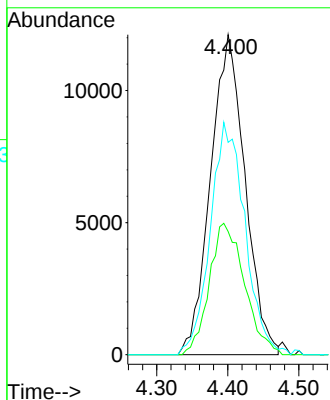
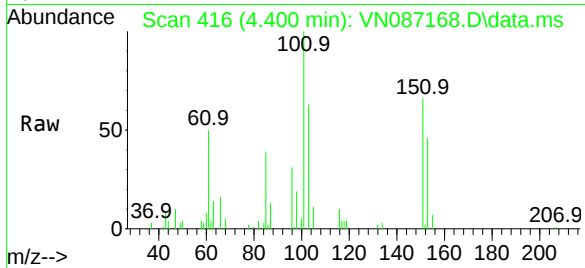




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.184 ug/l
 RT: 4.400 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VN087168.D
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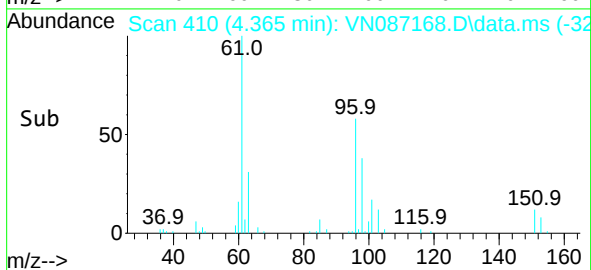
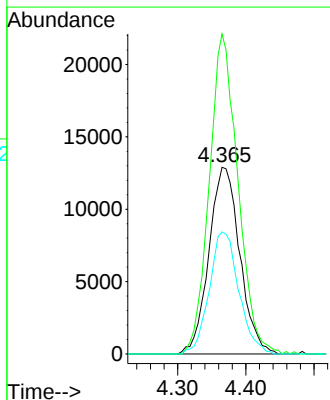
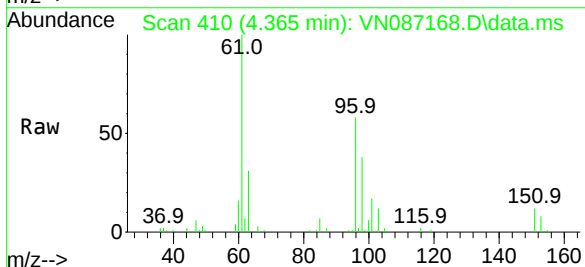
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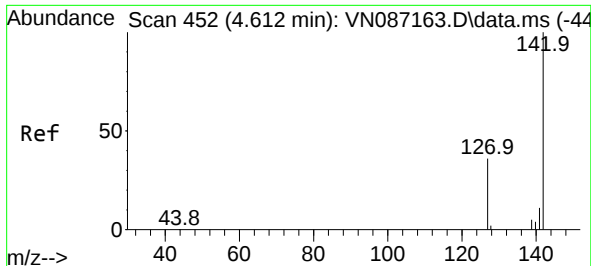
Tgt Ion:101 Resp: 40891
 Ion Ratio Lower Upper
 101 100
 85 42.0 0.0 40.6#
 151 72.6 0.0 141.2



#10
 1,1-Dichloroethene
 Concen: 19.141 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

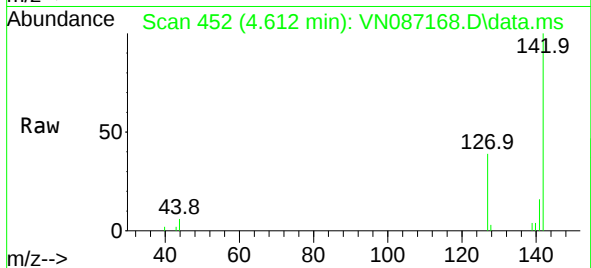
Tgt Ion: 96 Resp: 40670
 Ion Ratio Lower Upper
 96 100
 61 171.4 122.0 183.0
 98 65.4 50.3 75.5



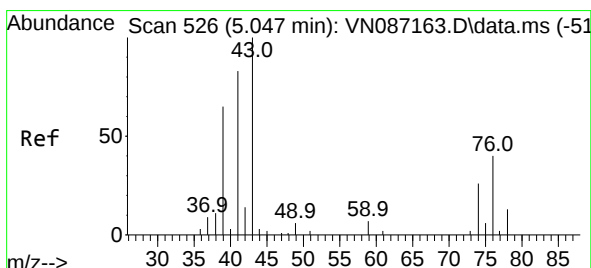
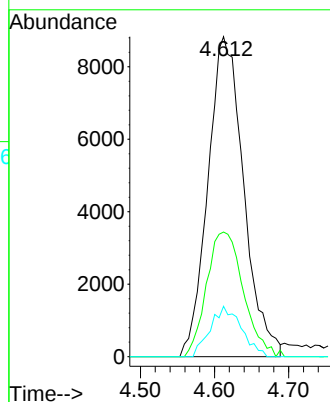
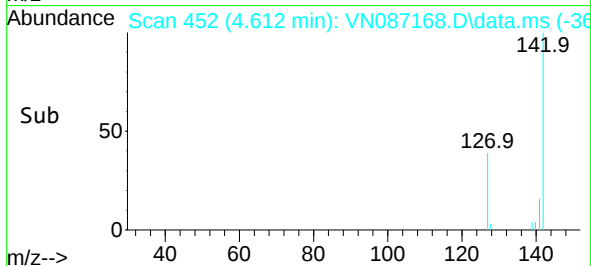


#11
Methyl Iodide
Concen: 15.530 ug/l
RT: 4.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

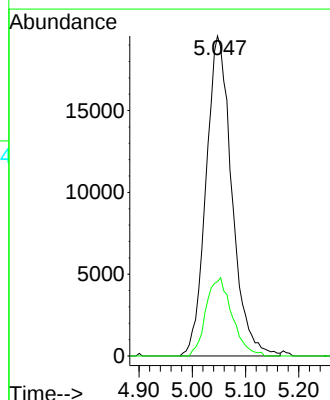
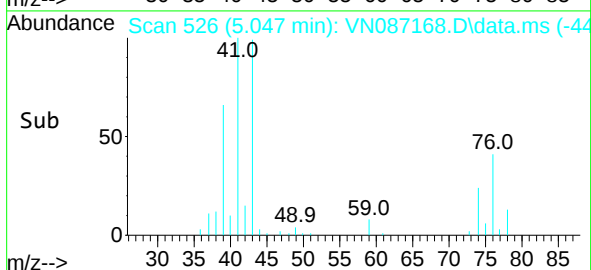
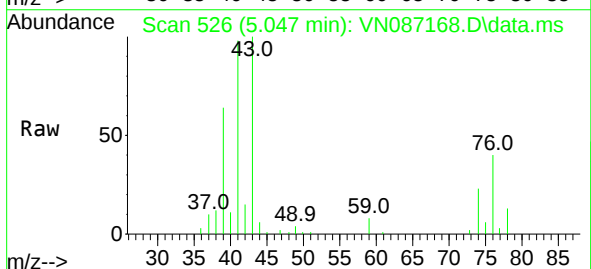


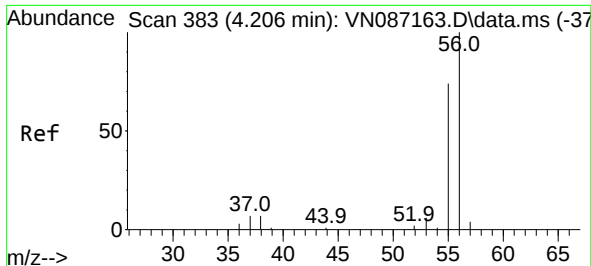
Tgt Ion:142 Resp: 29562
Ion Ratio Lower Upper
142 100
127 38.7 18.1 54.1
141 16.1 5.7 17.1



#12
Methyl Acetate
Concen: 19.769 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 43 Resp: 65886
Ion Ratio Lower Upper
43 100
74 23.4 20.3 30.5

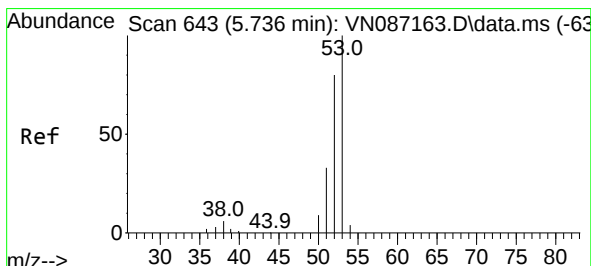
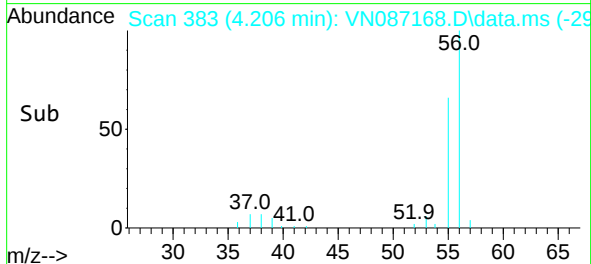
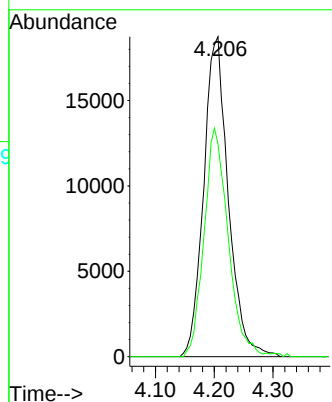
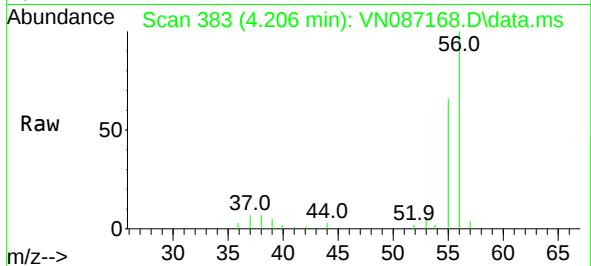




#13
Acrolein
Concen: 106.612 ug/l
RT: 4.206 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

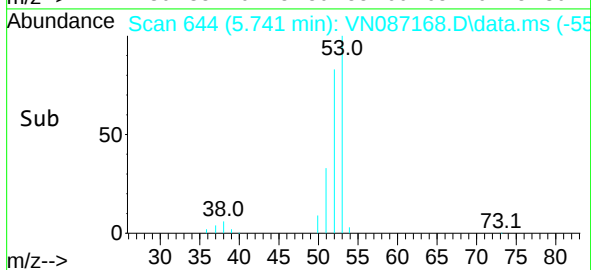
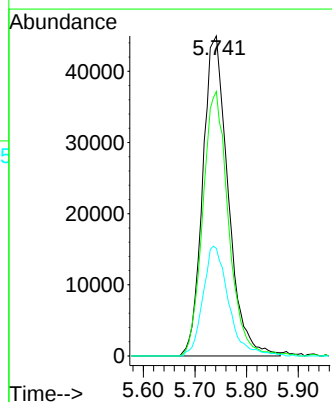
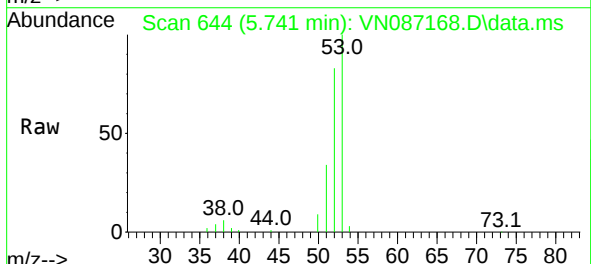
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

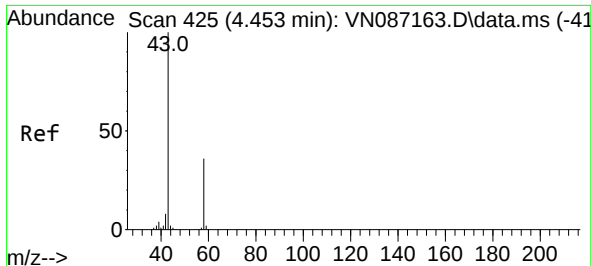
Tgt Ion: 56 Resp: 54597
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5



#14
Acrylonitrile
Concen: 98.671 ug/l
RT: 5.741 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 53 Resp: 153387
Ion Ratio Lower Upper
53 100
52 82.7 40.5 121.5
51 33.6 16.9 50.7





#15

Acetone

Concen: 98.119 ug/l

RT: 4.447 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

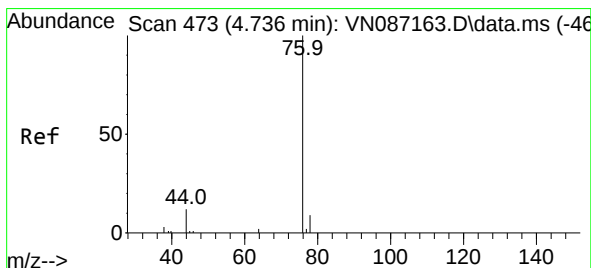
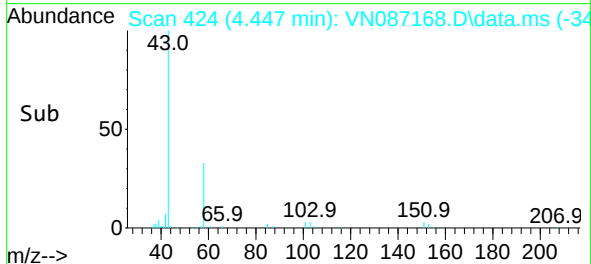
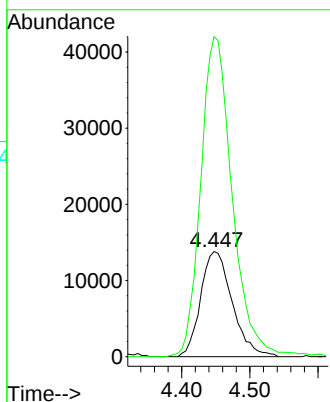
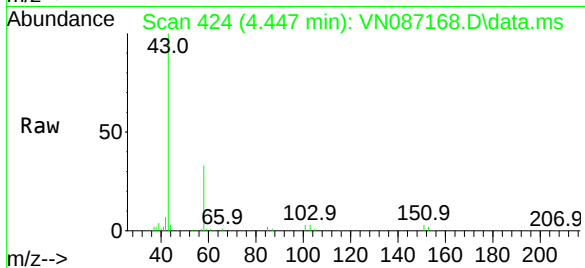
ICVVN062525

Tgt Ion: 58 Resp: 44493

Ion Ratio Lower Upper

58 100

43 301.1 224.3 336.5



#16

Carbon Disulfide

Concen: 18.825 ug/l

RT: 4.741 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN087168.D

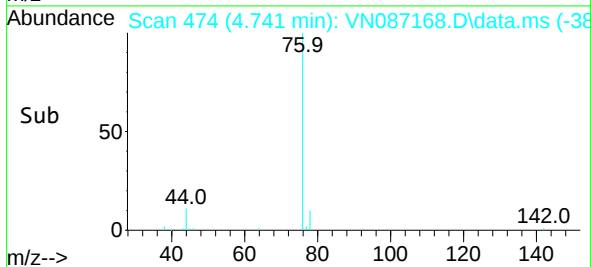
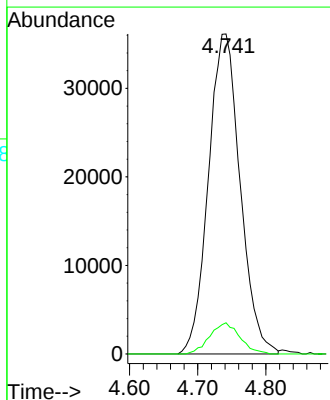
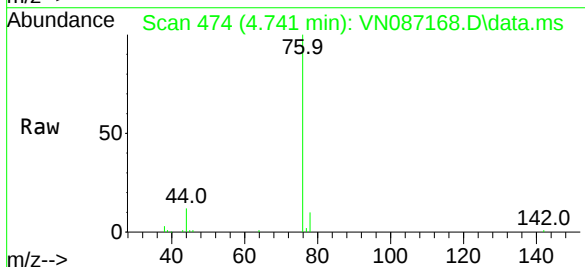
Acq: 25 Jun 2025 11:08

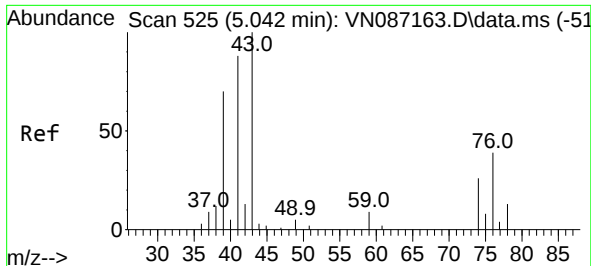
Tgt Ion: 76 Resp: 116947

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8





#17

Allyl chloride

Concen: 18.360 ug/l

RT: 5.053 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062525

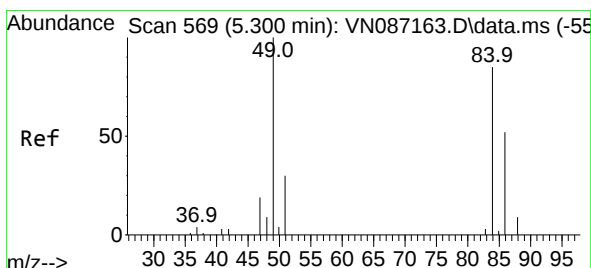
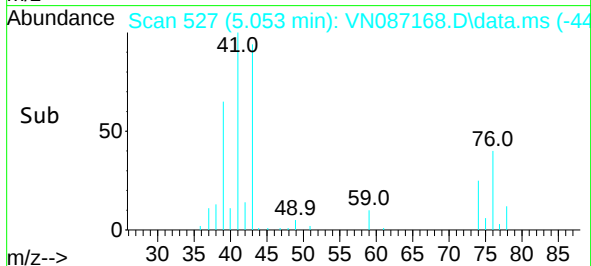
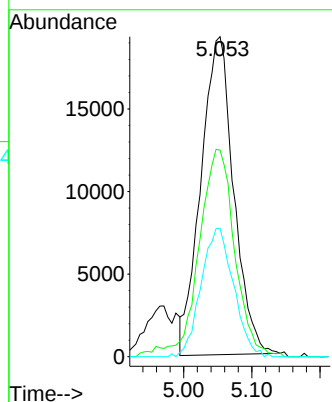
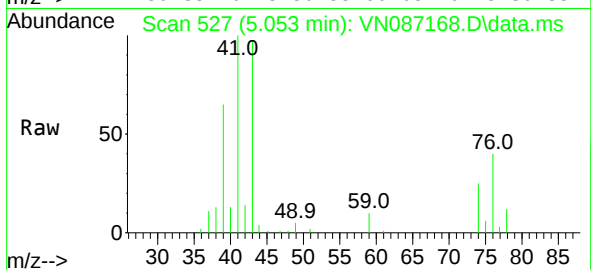
Tgt Ion: 41 Resp: 64340

Ion Ratio Lower Upper

41 100

39 64.0 36.0 108.0

76 40.5 19.5 58.5



#18

Methylene Chloride

Concen: 18.727 ug/l

RT: 5.306 min Scan# 570

Delta R.T. 0.006 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Tgt Ion: 84 Resp: 46095

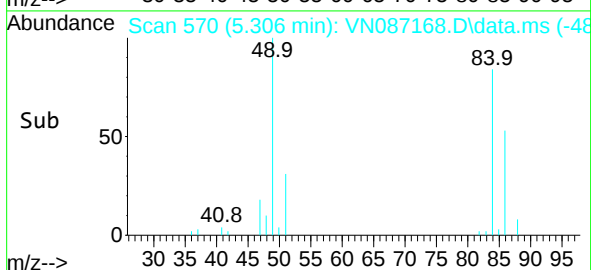
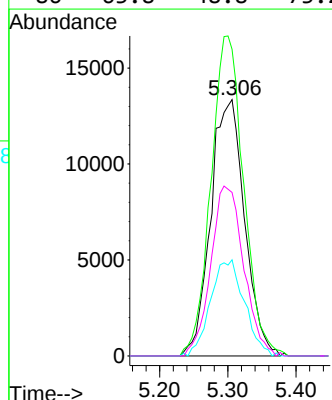
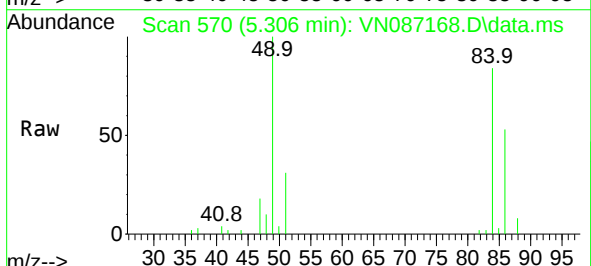
Ion Ratio Lower Upper

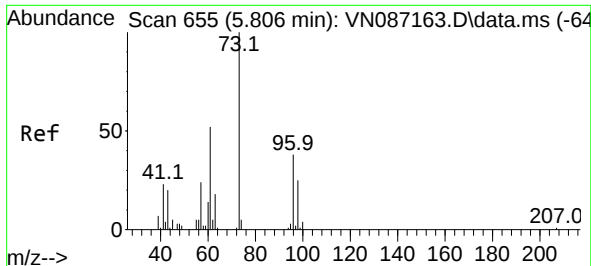
84 100

49 119.6 94.0 141.0

51 37.5 28.3 42.5

86 63.8 48.8 73.2

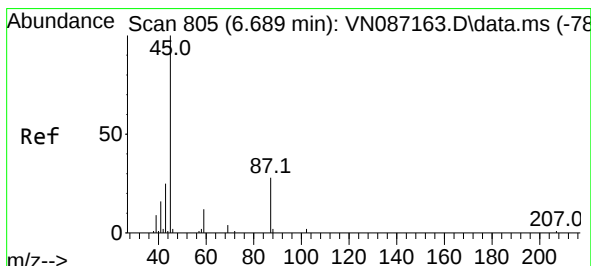
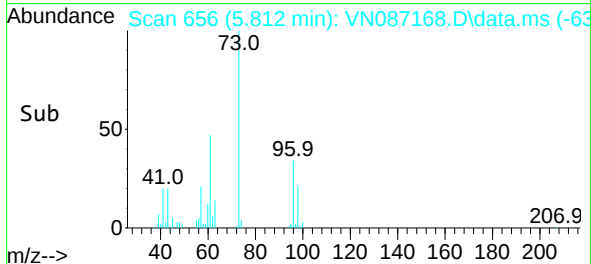
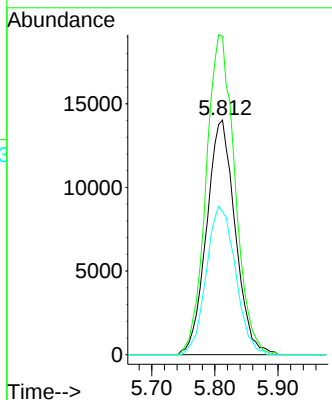
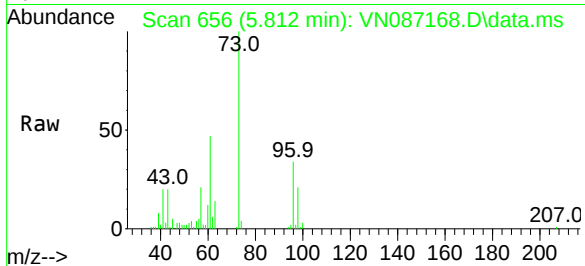




#19
trans-1,2-Dichloroethene
Concen: 19.006 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

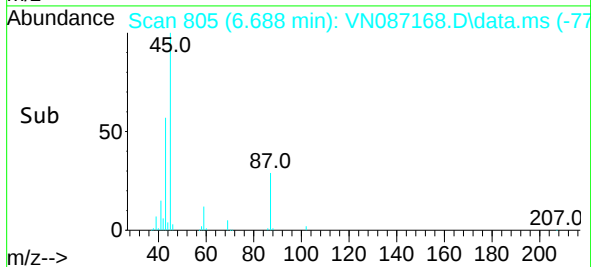
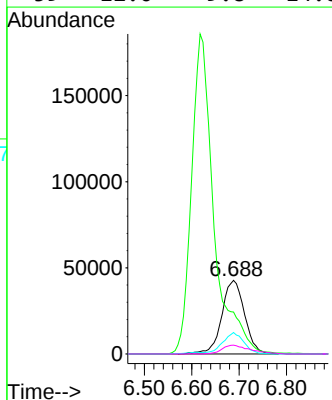
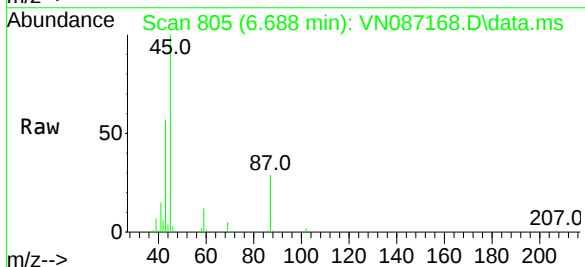
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

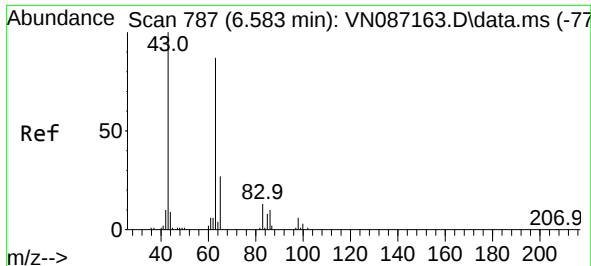
Tgt Ion: 96 Resp: 44162
Ion Ratio Lower Upper
96 100
61 135.6 110.3 165.5
98 60.9 51.6 77.4



#20
Diisopropyl ether
Concen: 19.202 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 45 Resp: 142767
Ion Ratio Lower Upper
45 100
43 55.8 45.3 67.9
87 29.1 22.6 33.8
59 12.0 9.8 14.8

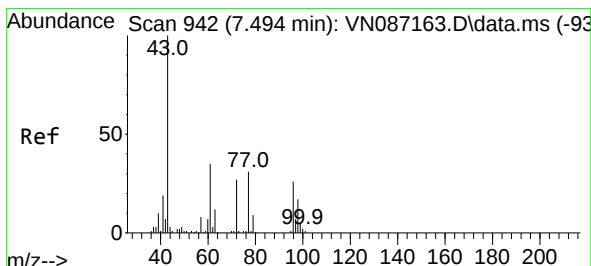
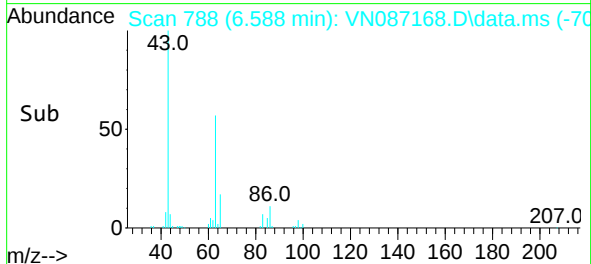
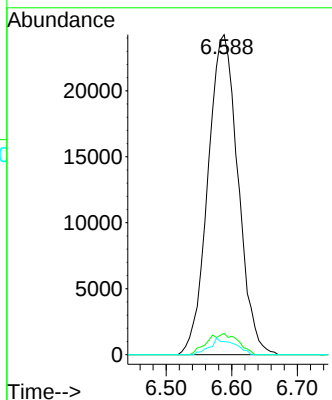
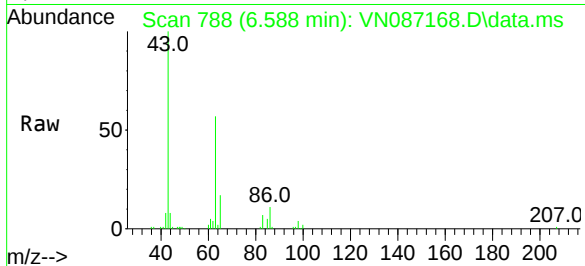




#21
 1,1-Dichloroethane
 Concen: 17.398 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

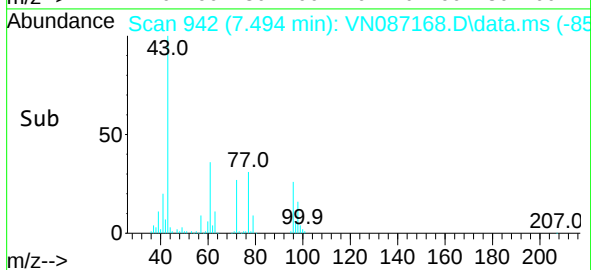
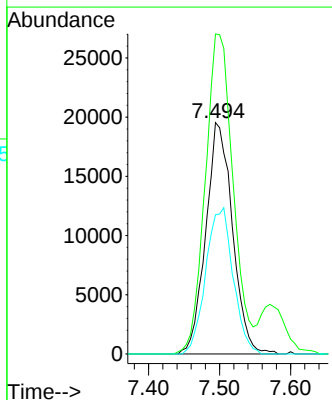
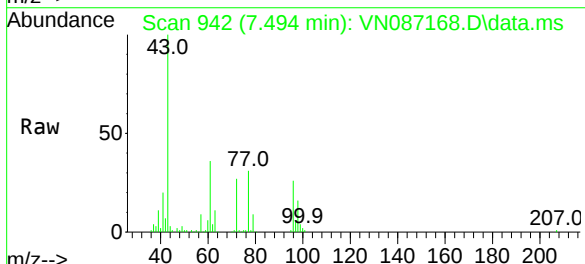
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062525

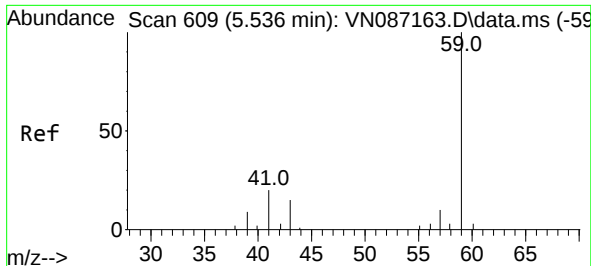
Tgt Ion: 63 Resp: 77314
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 2.0 5.8



#22
 cis-1,2-Dichloroethene
 Concen: 18.875 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

Tgt Ion: 96 Resp: 51043
 Ion Ratio Lower Upper
 96 100
 61 143.9 119.2 178.8
 98 64.5 50.6 75.8

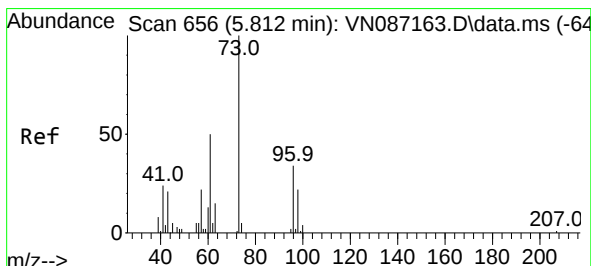
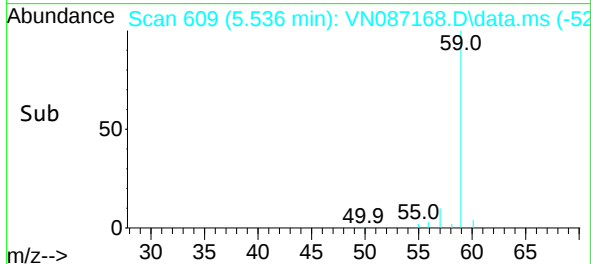
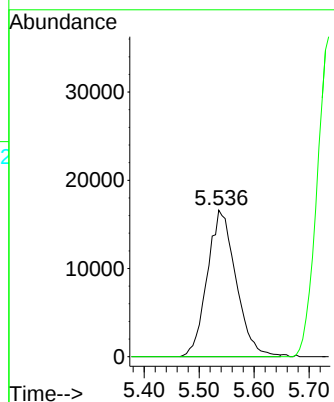
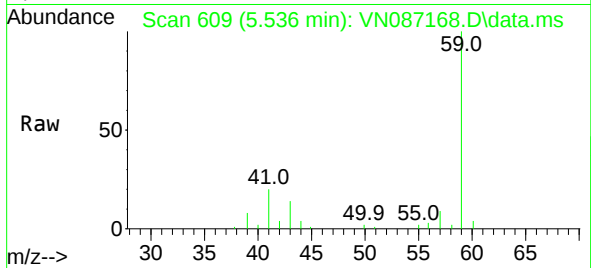




#23
tert-Butyl Alcohol
Concen: 103.292 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

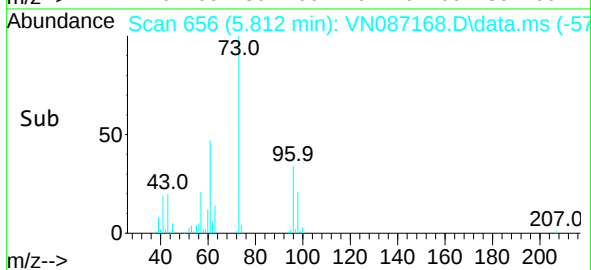
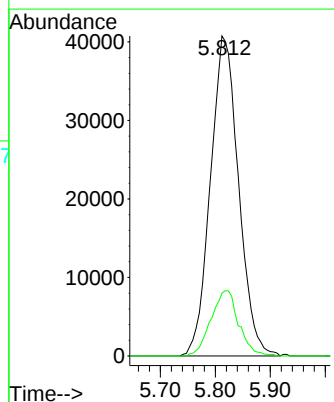
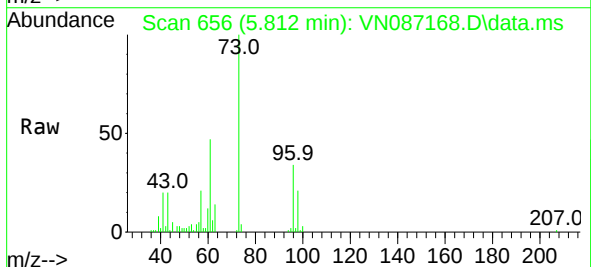
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

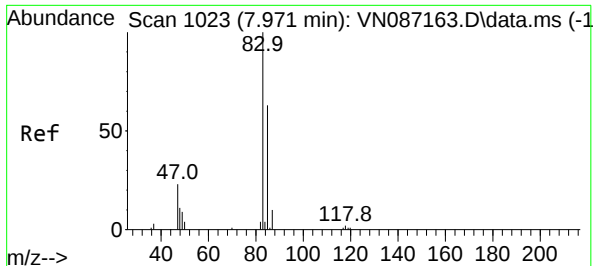
Tgt Ion: 59 Resp: 60387
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.447 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 73 Resp: 144916
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6

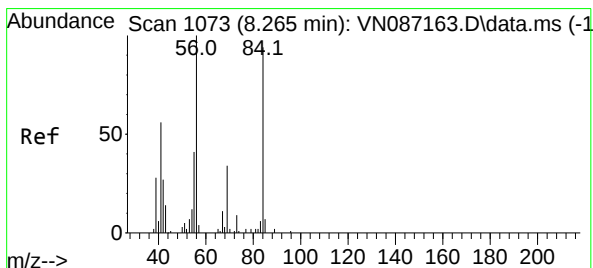
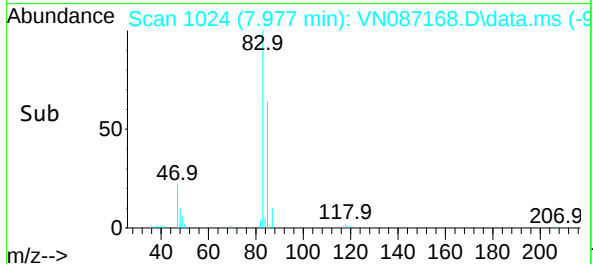
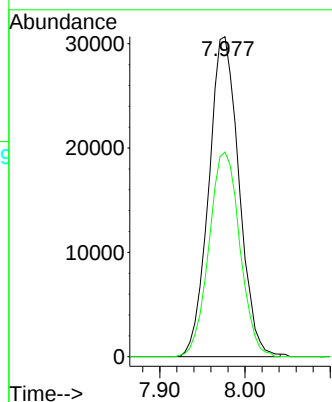
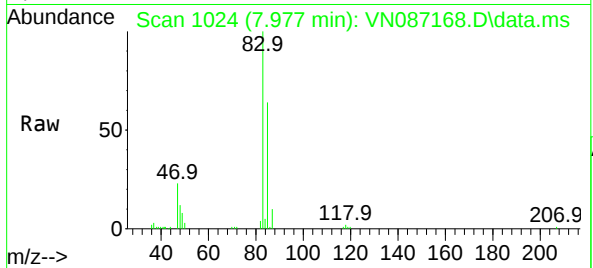




#25
Chloroform
Concen: 17.750 ug/l
RT: 7.977 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

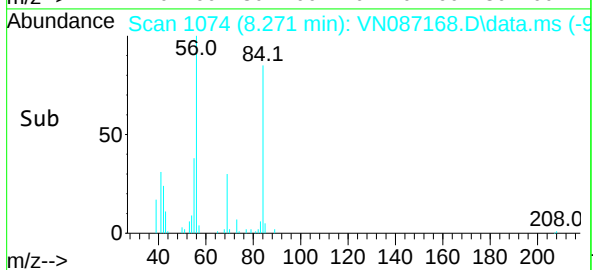
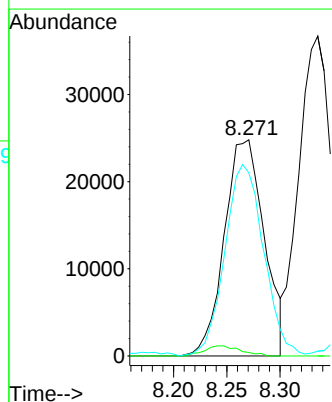
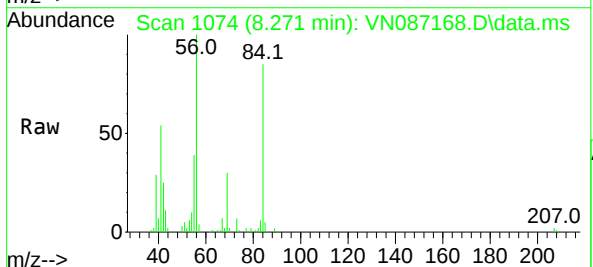
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

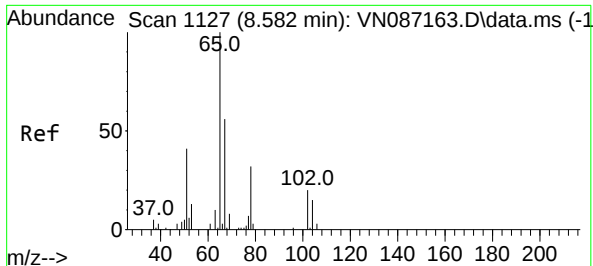
Tgt Ion: 83 Resp: 75565
Ion Ratio Lower Upper
83 100
85 64.0 50.7 76.1



#26
Cyclohexane
Concen: 17.527 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 56 Resp: 64739
Ion Ratio Lower Upper
56 100
89 4.3 6.9 10.3#
84 86.1 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 29.730 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

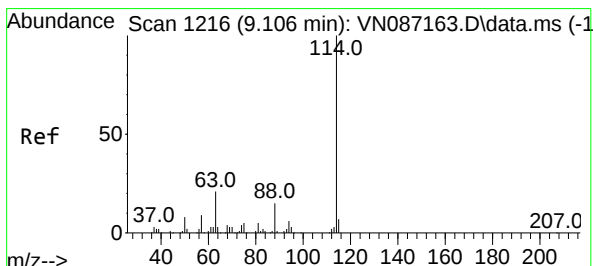
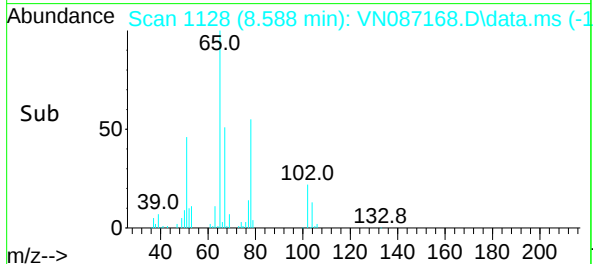
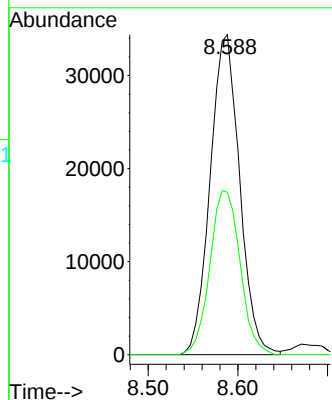
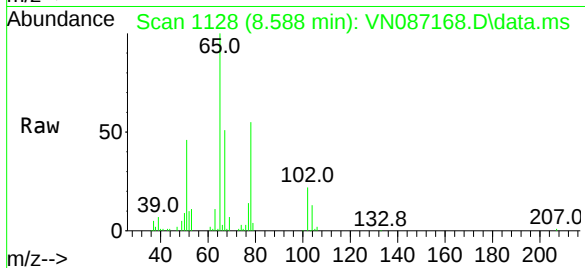
ICVVN062525

Tgt Ion: 65 Resp: 78569

Ion Ratio Lower Upper

65 100

67 52.5 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

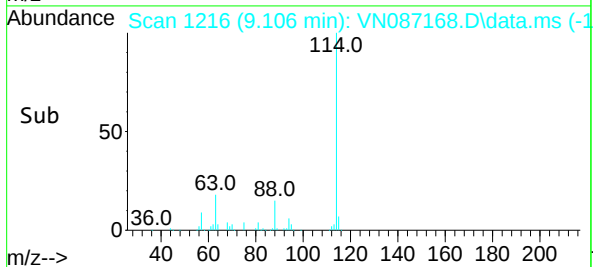
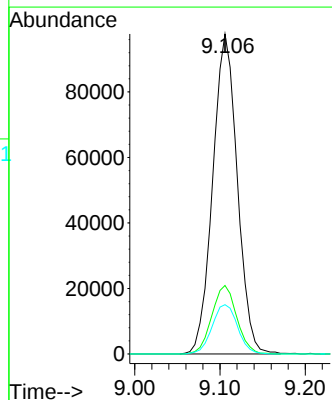
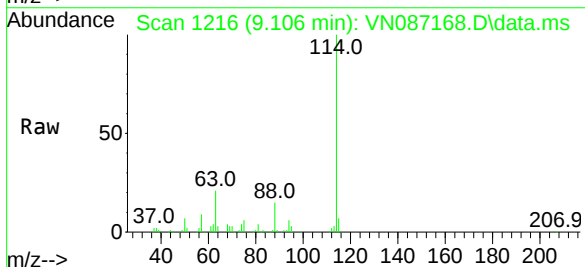
Tgt Ion: 114 Resp: 195745

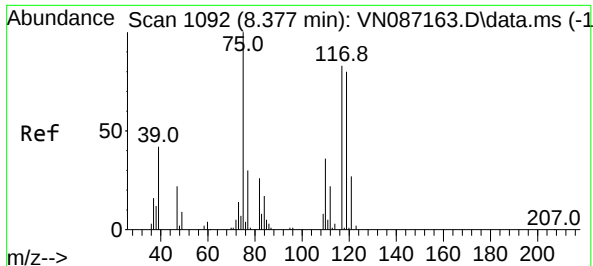
Ion Ratio Lower Upper

114 100

63 21.6 17.0 25.4

88 15.9 12.6 19.0

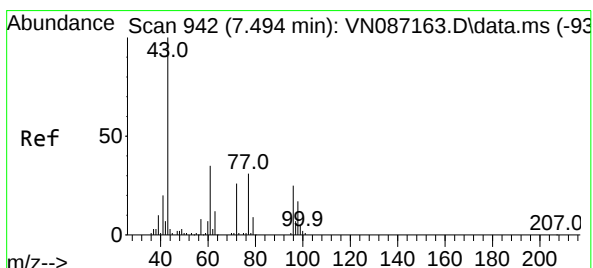
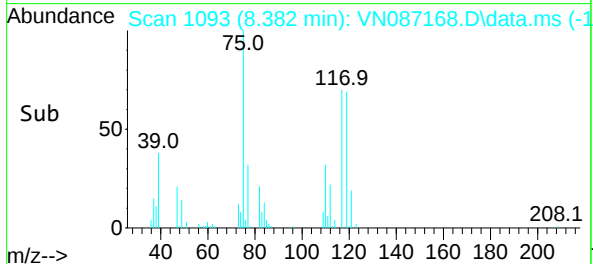
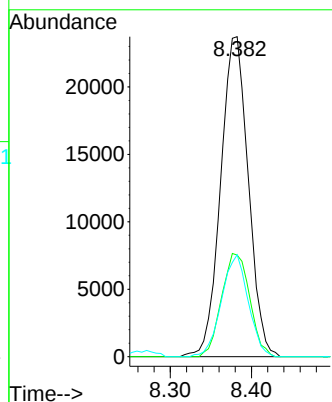
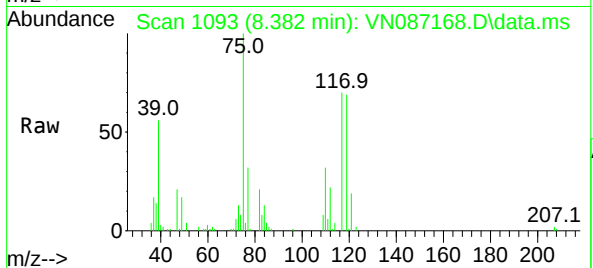




#29
1,1-Dichloropropene
Concen: 18.425 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

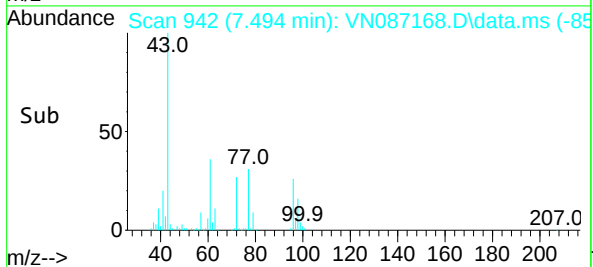
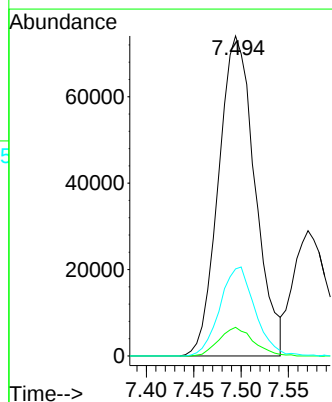
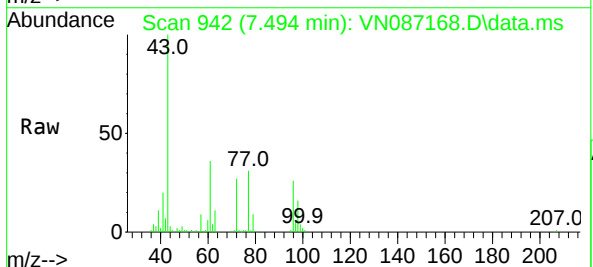
Instrument :
MSVOA_N
ClientSampleId :
ICV062525

Tgt Ion: 75 Resp: 56214
Ion Ratio Lower Upper
75 100
110 32.7 0.0 69.2
77 30.8 0.0 61.8



#30
2-Butanone
Concen: 96.637 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 43 Resp: 198883
Ion Ratio Lower Upper
43 100
57 8.4 6.3 9.5
72 26.5 21.8 32.6

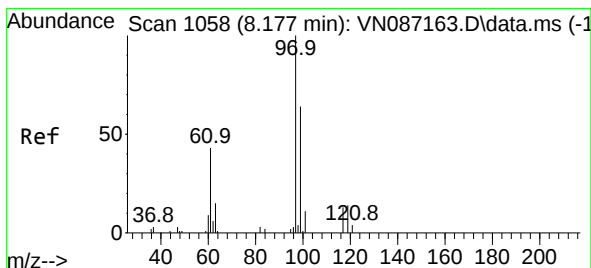
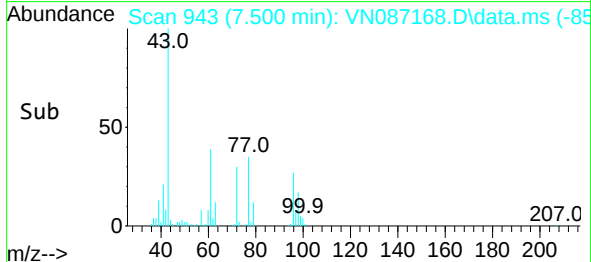
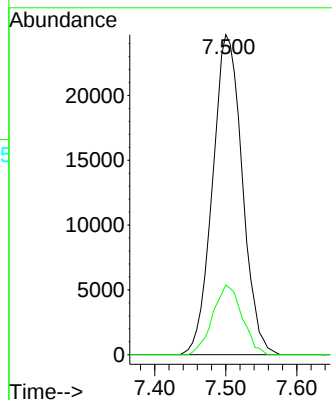
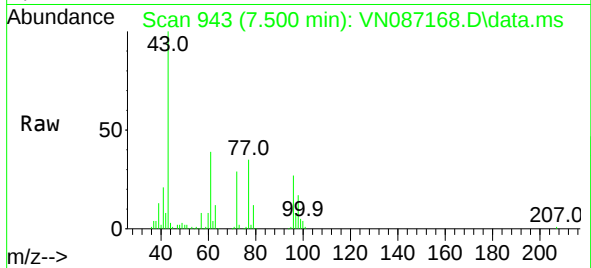




#31
2,2-Dichloropropane
Concen: 19.459 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

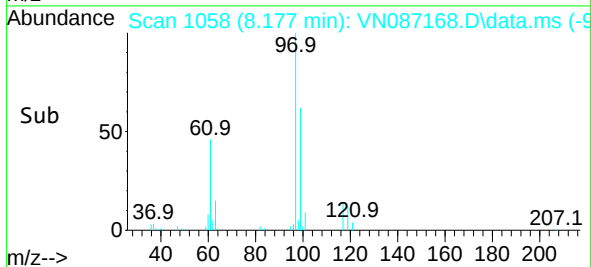
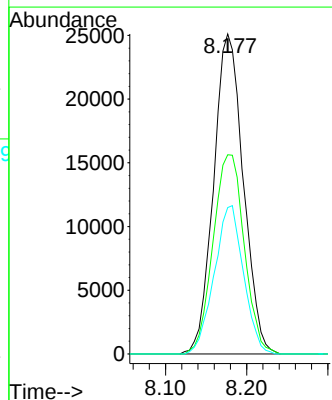
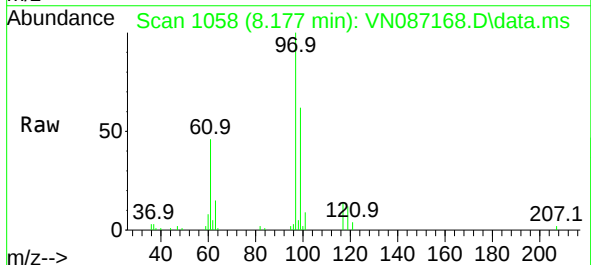
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Tgt Ion: 77 Resp: 71663
Ion Ratio Lower Upper
77 100
97 21.6 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 17.908 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 97 Resp: 63831
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 45.7 36.1 54.1

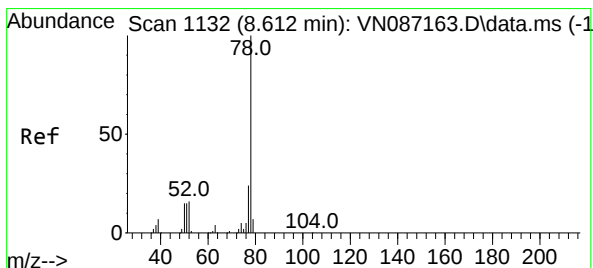
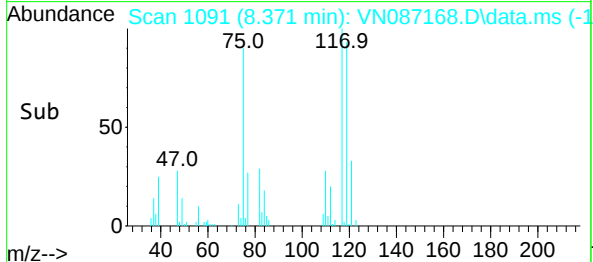
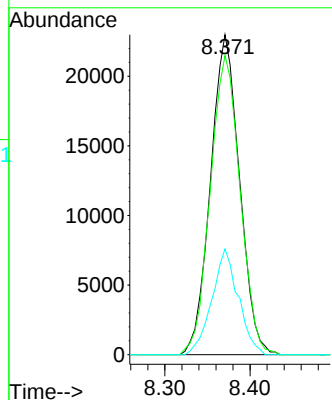
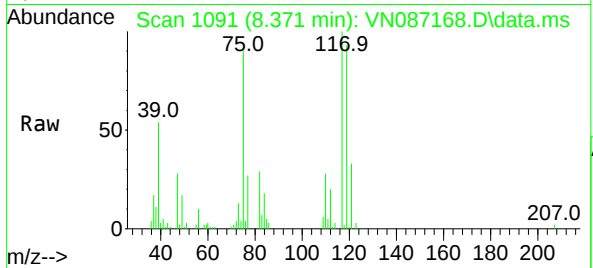




#33
Carbon Tetrachloride
Concen: 18.113 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

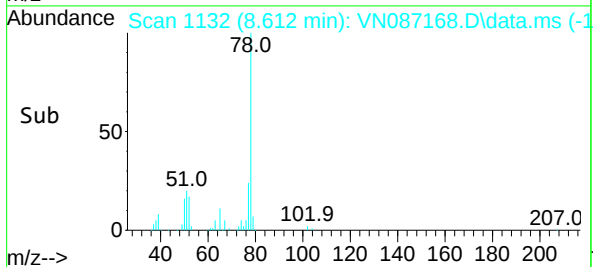
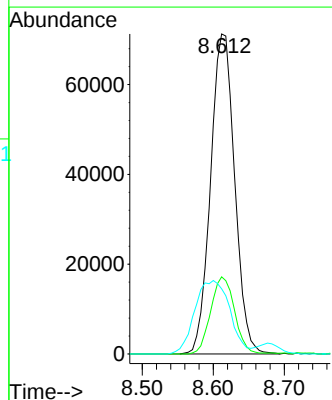
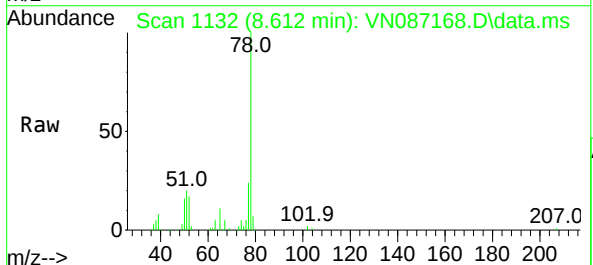
Instrument :
MSVOA_N
ClientSampleId :
ICV062525

Tgt Ion: 117 Resp: 54332
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.6
121 33.0 26.2 39.4



#34
Benzene
Concen: 17.375 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 78 Resp: 167939
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3
51 18.7 14.8 22.2

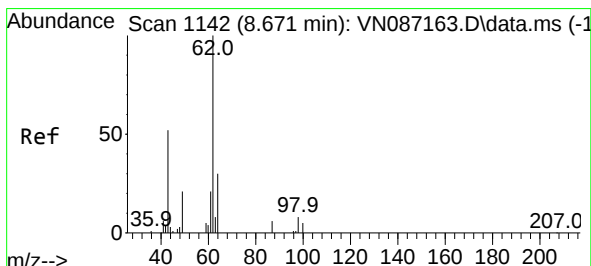
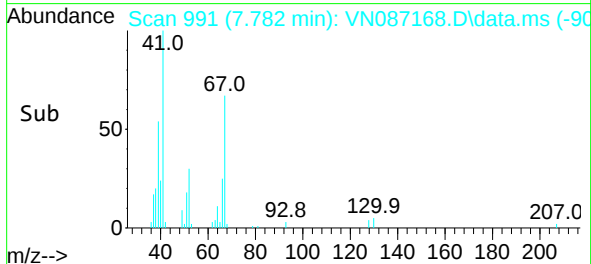
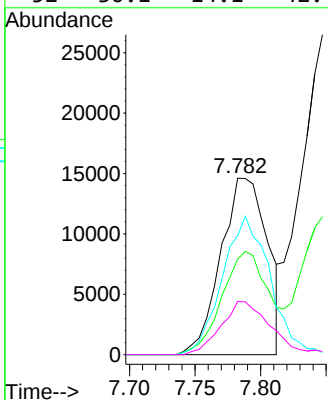
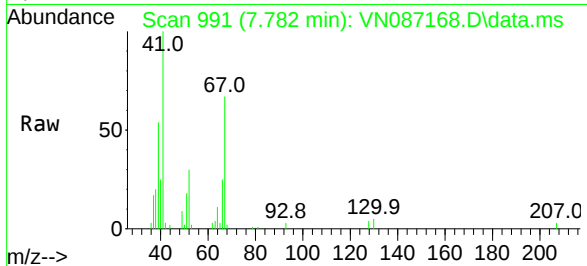




#35
Methacrylonitrile
Concen: 17.450 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

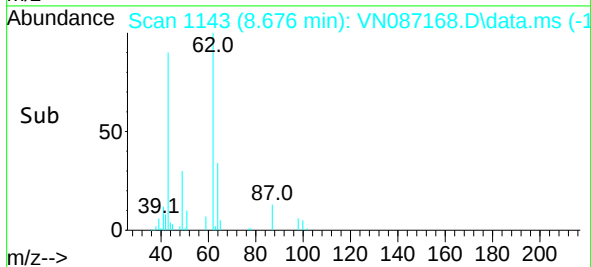
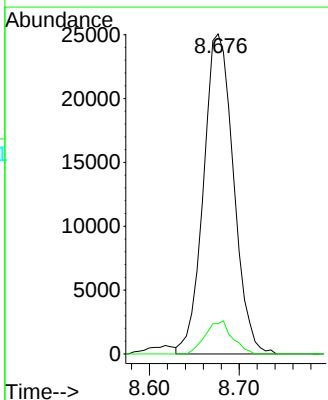
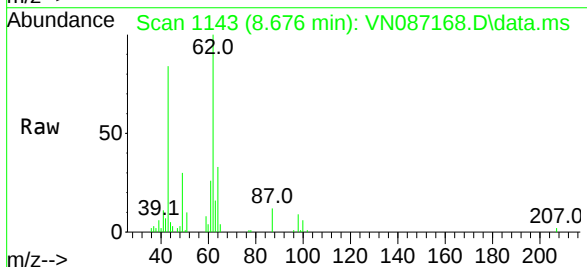
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

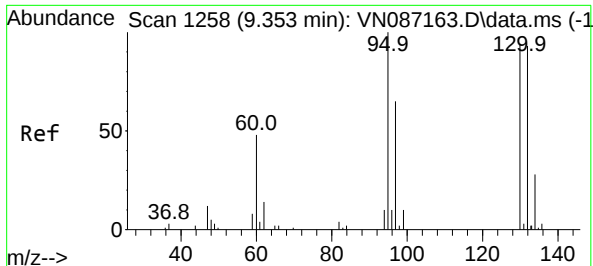
Tgt Ion: 41	Resp: 36192
Ion Ratio	Lower Upper
41 100	
39 54.1	24.4 73.2
67 67.4	33.3 99.8
52 30.1	14.1 42.4



#36
1,2-Dichloroethane
Concen: 18.634 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 62	Resp: 58192
Ion Ratio	Lower Upper
62 100	
98 9.2	7.2 10.8

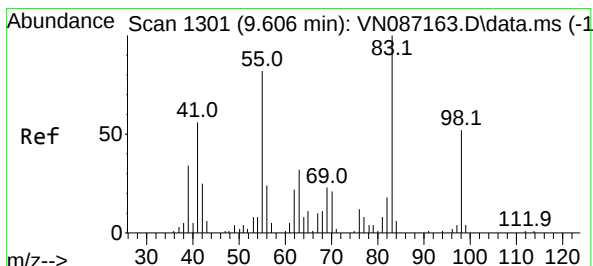
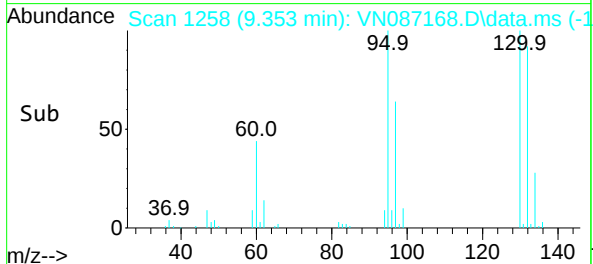
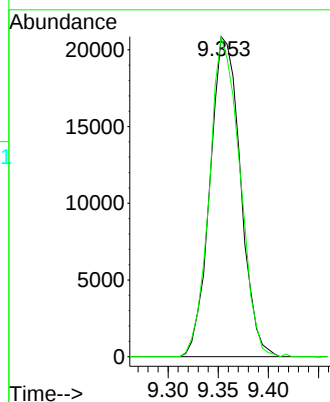
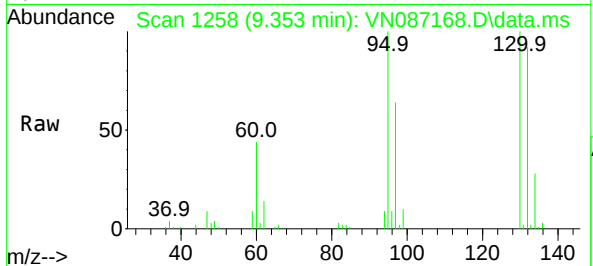




#37
Trichloroethene
Concen: 19.760 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

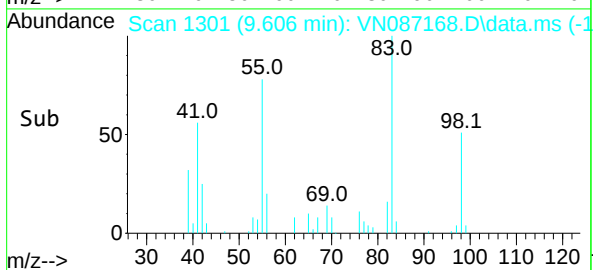
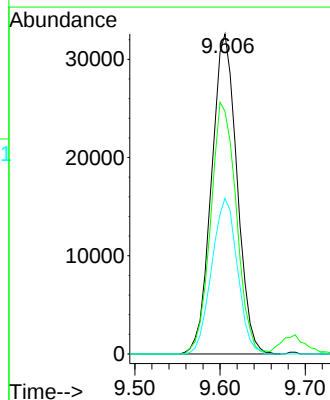
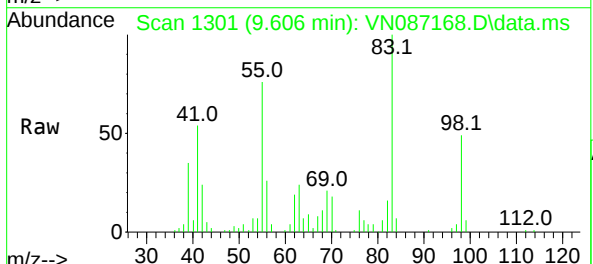
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

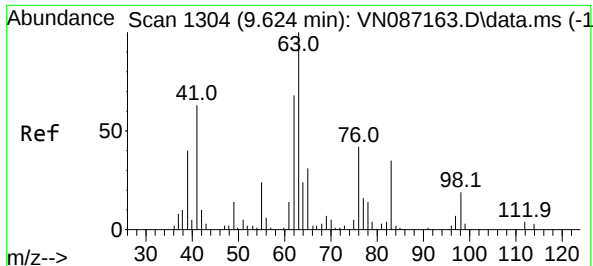
Tgt Ion:130 Resp: 44053
Ion Ratio Lower Upper
130 100
95 99.7 85.3 127.9



#38
Methylcyclohexane
Concen: 19.317 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 83 Resp: 67623
Ion Ratio Lower Upper
83 100
55 79.2 40.1 120.2
98 49.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.414 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

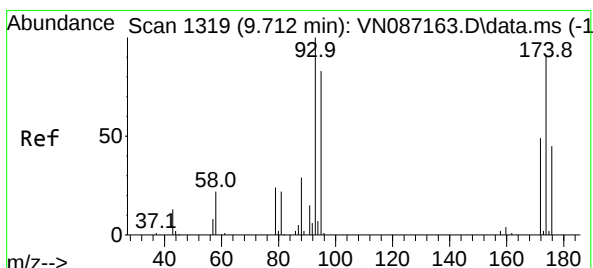
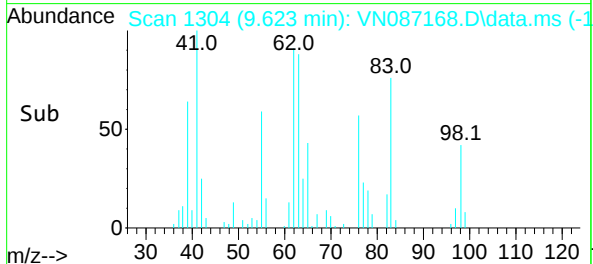
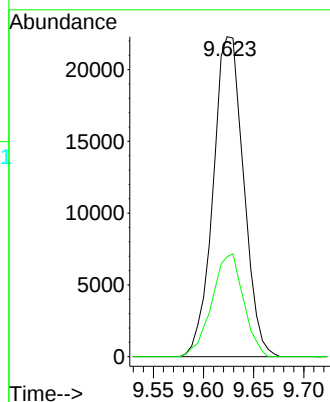
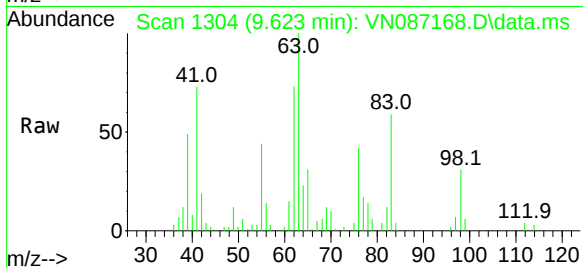
ICVVN062525

Tgt Ion: 63 Resp: 47099

Ion Ratio Lower Upper

63 100

65 31.2 24.6 36.8



#40

Dibromomethane

Concen: 19.062 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

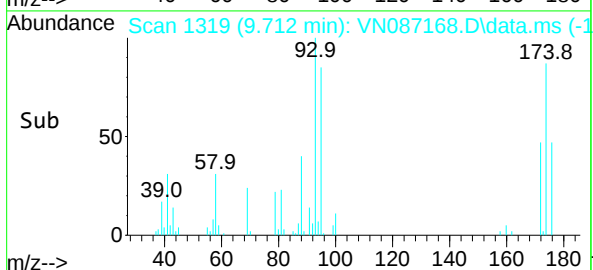
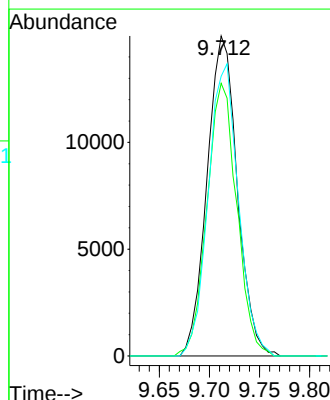
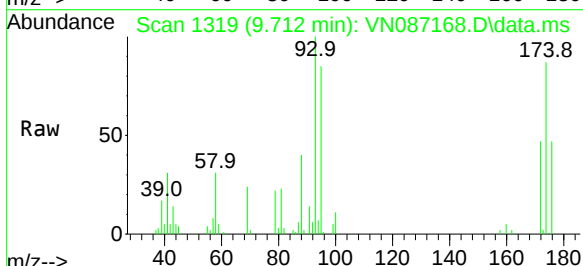
Tgt Ion: 93 Resp: 31445

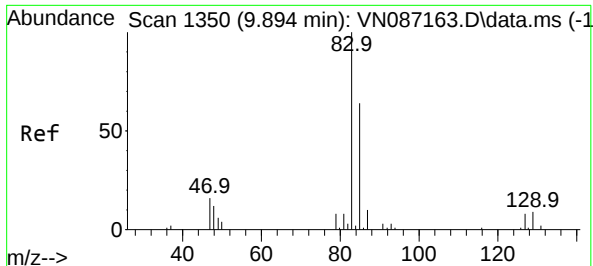
Ion Ratio Lower Upper

93 100

95 84.0 0.0 170.8

174 91.0 0.0 176.6

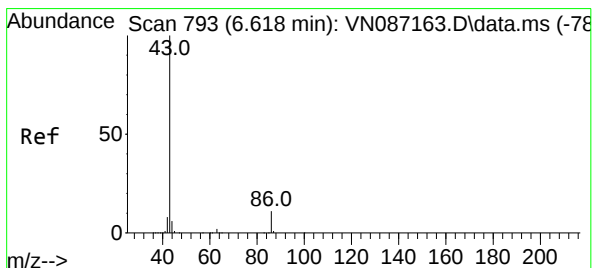
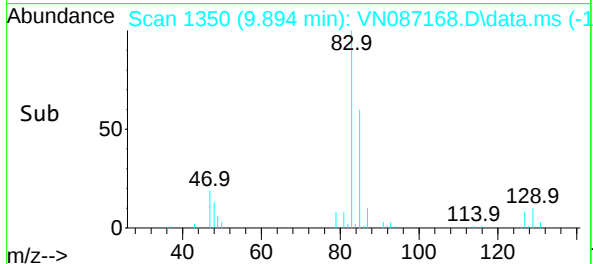
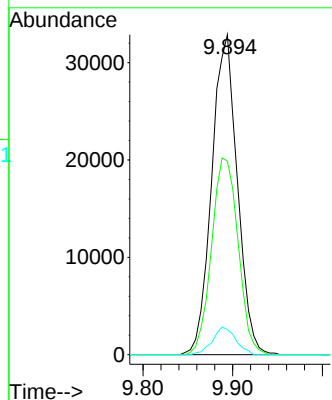
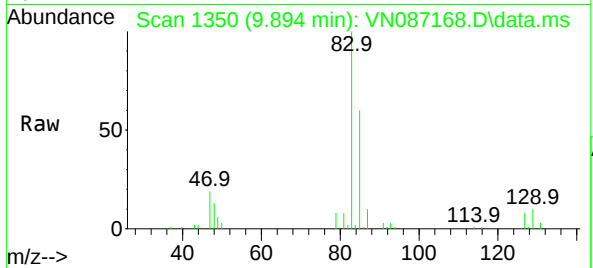




#41
Bromodichloromethane
Concen: 19.565 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

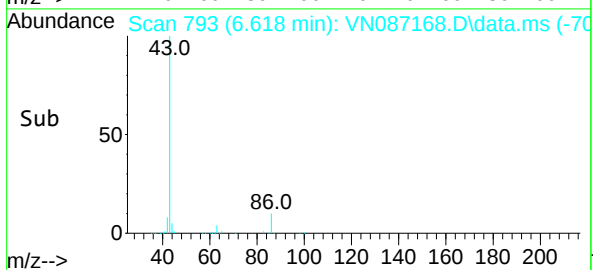
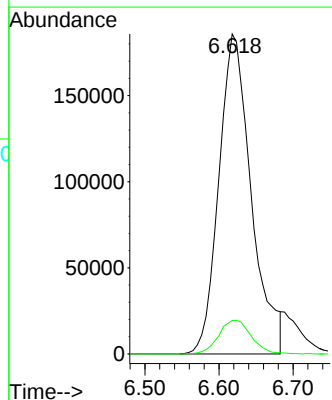
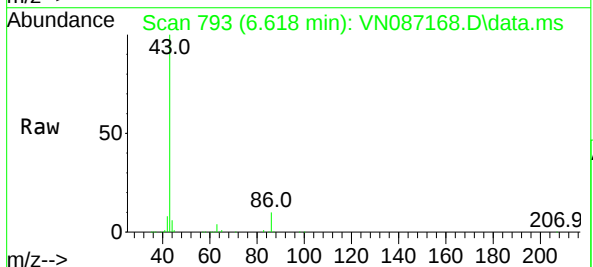
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Tgt Ion: 83 Resp: 65145
Ion Ratio Lower Upper
83 100
85 60.5 51.4 77.2
127 7.8 6.1 9.1



#42
Vinyl Acetate
Concen: 84.264 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 43 Resp: 564048
Ion Ratio Lower Upper
43 100
86 10.6 7.7 11.5

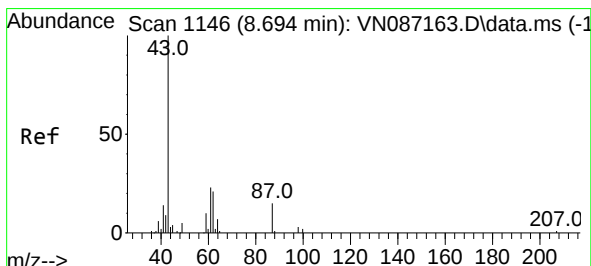
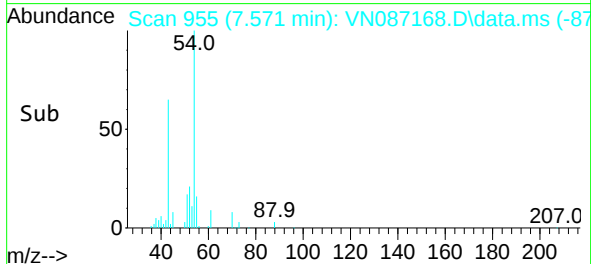
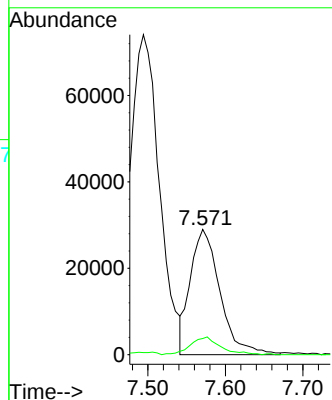
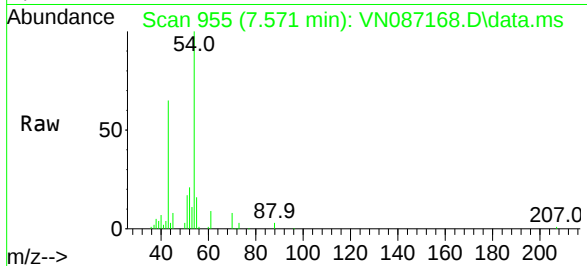




#43
Ethyl Acetate
Concen: 20.721 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

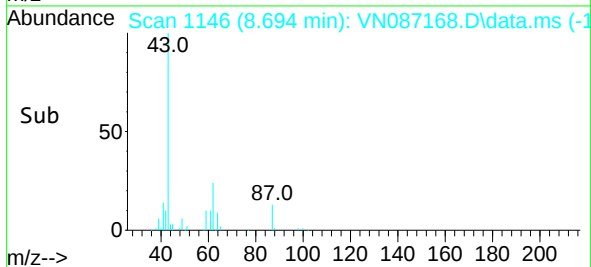
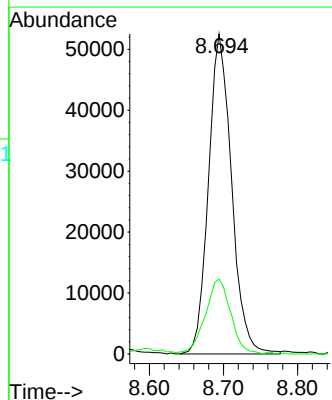
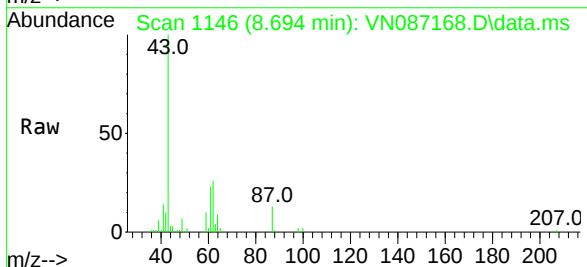
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

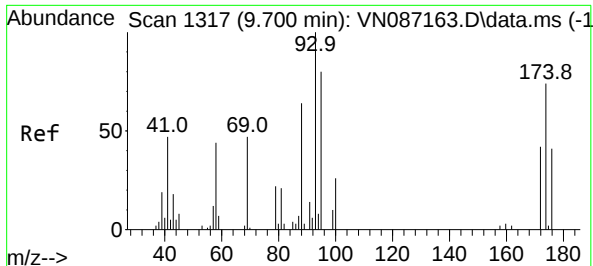
Tgt Ion: 43 Resp: 76982
Ion Ratio Lower Upper
43 100
45 13.6 11.5 17.3



#44
Isopropyl Acetate
Concen: 18.746 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 43 Resp: 113470
Ion Ratio Lower Upper
43 100
61 25.7 20.5 30.7





#45

1,4-Dioxane

Concen: 435.392 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062525

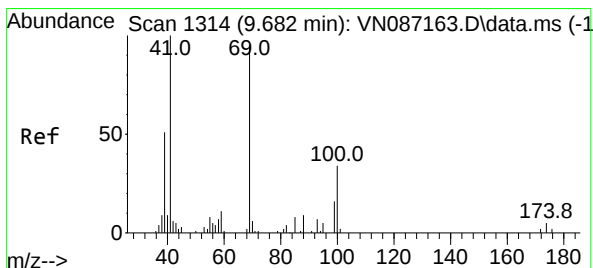
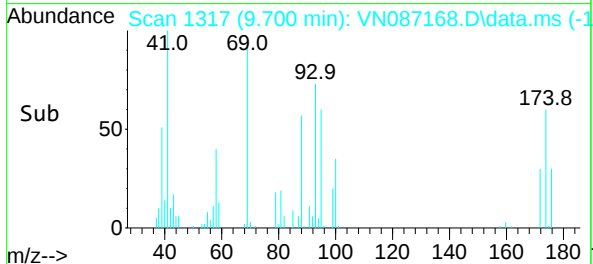
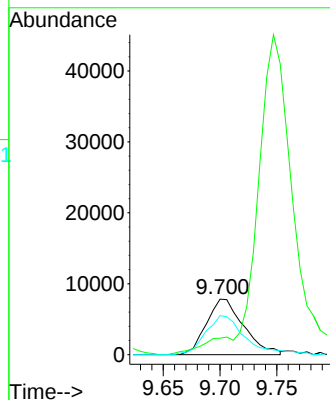
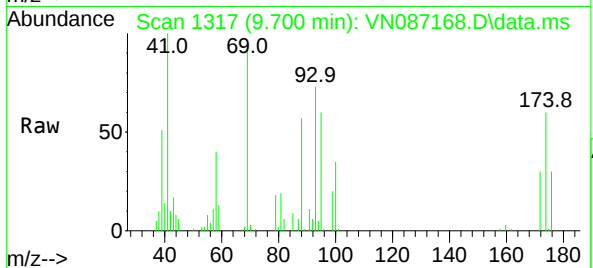
Tgt Ion: 88 Resp: 17828

Ion Ratio Lower Upper

88 100

43 27.7 21.3 31.9

58 74.9 61.7 92.5



#46

Methyl methacrylate

Concen: 18.970 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

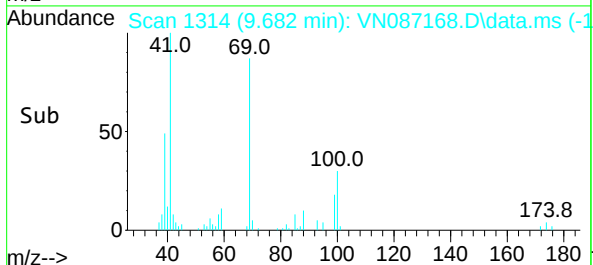
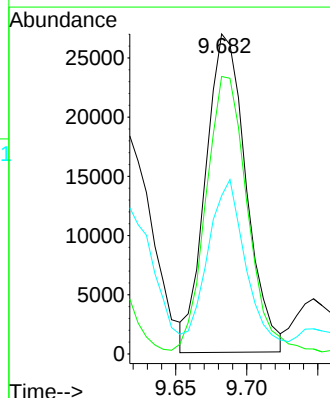
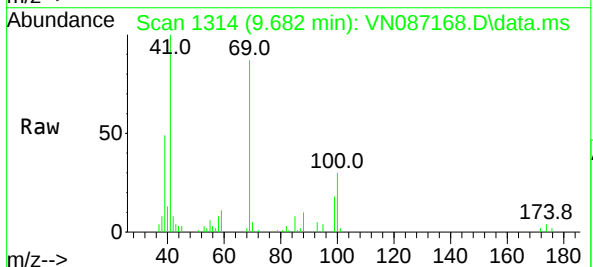
Tgt Ion: 41 Resp: 53380

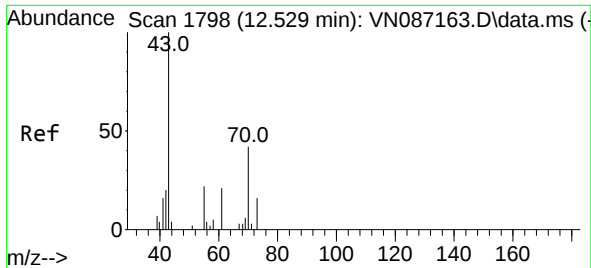
Ion Ratio Lower Upper

41 100

69 89.3 45.6 136.9

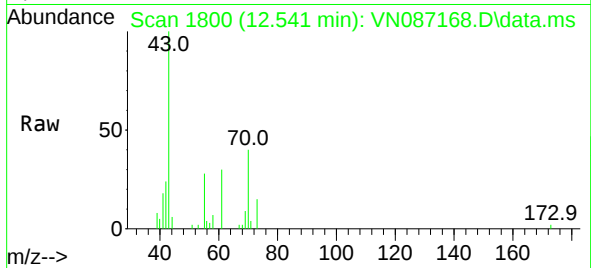
39 48.1 26.2 78.5



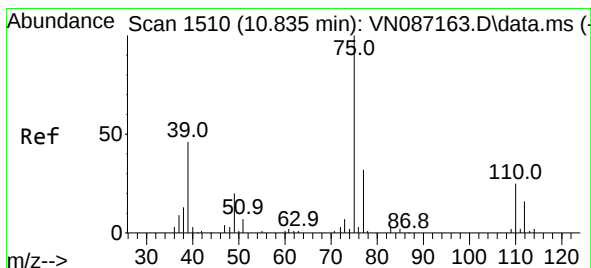
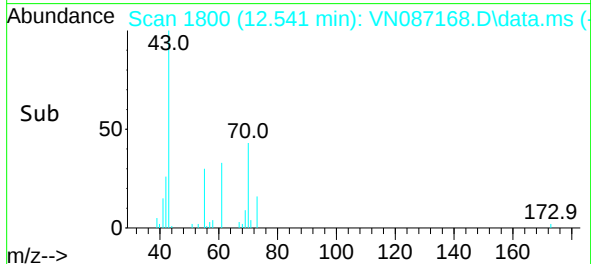
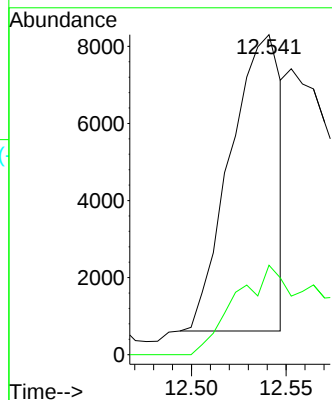


#47
n-amy1 Acetate
Concen: 3.858 ug/l
RT: 12.541 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

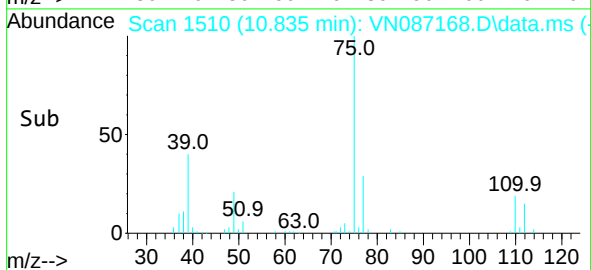
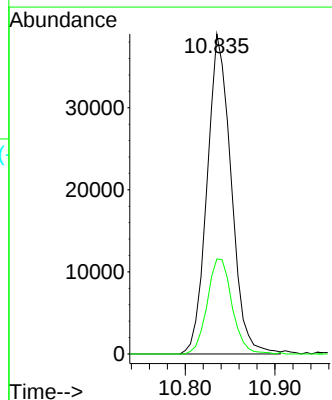
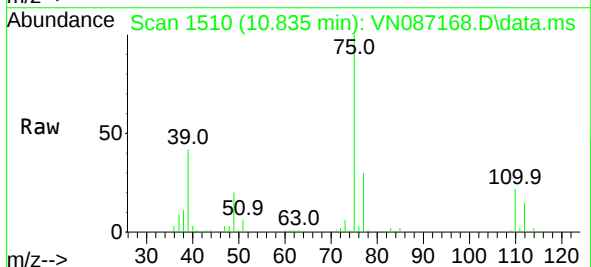


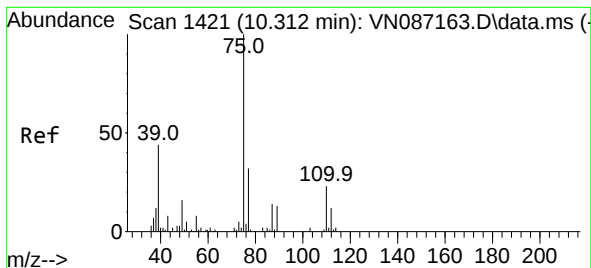
Tgt Ion: 43 Resp: 14279
Ion Ratio Lower Upper
43 100
55 7.6 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 19.532 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 75 Resp: 72502
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 19.457 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062525

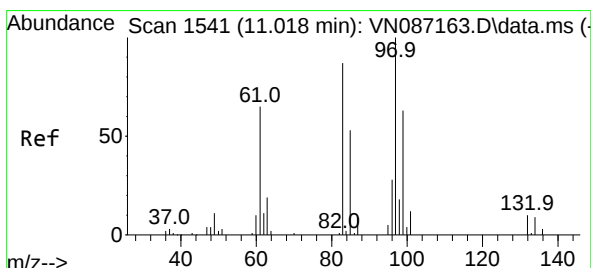
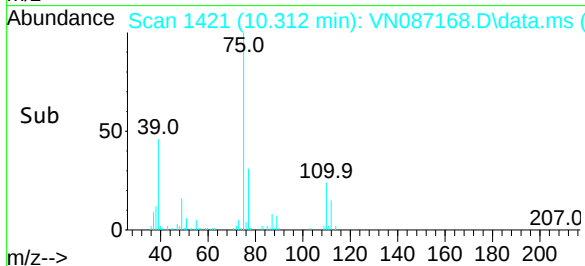
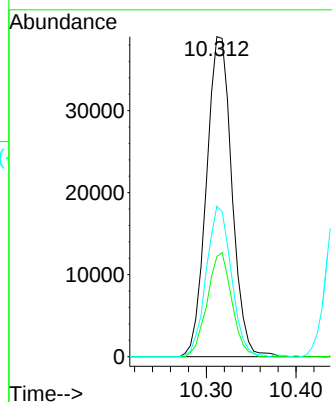
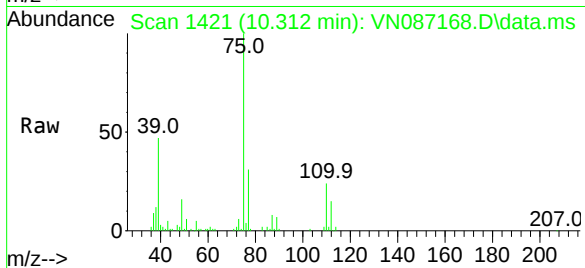
Tgt Ion: 75 Resp: 76780

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 47.0 35.3 52.9



#50

1,1,2-Trichloroethane

Concen: 19.079 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Tgt Ion: 97 Resp: 44707

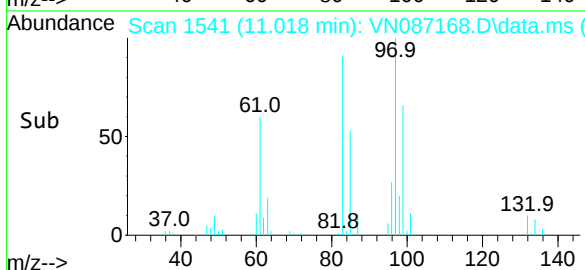
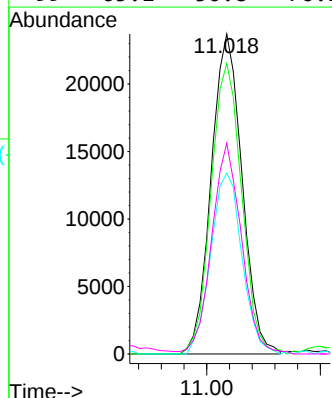
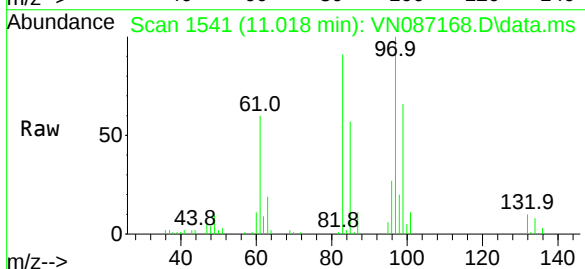
Ion Ratio Lower Upper

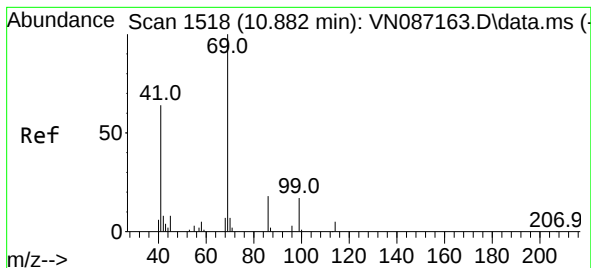
97 100

83 90.8 69.6 104.4

85 56.5 42.0 63.0

99 65.1 50.8 76.2

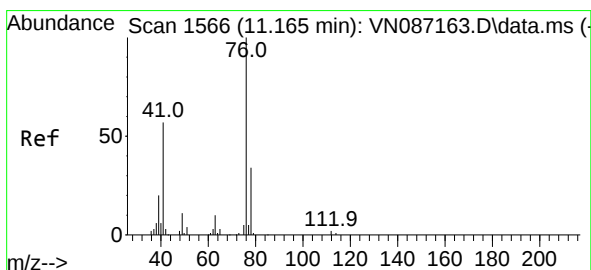
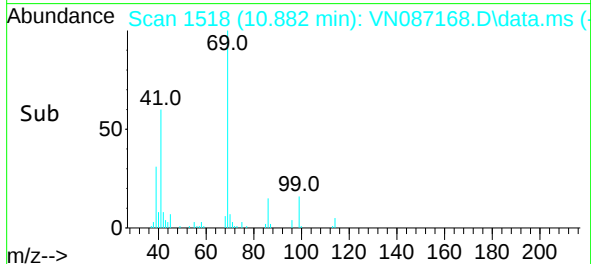
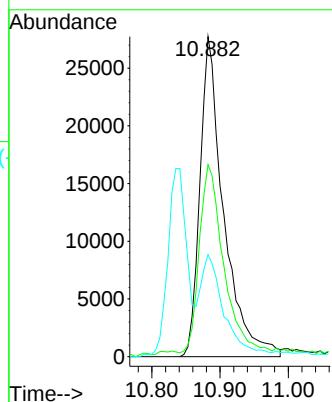
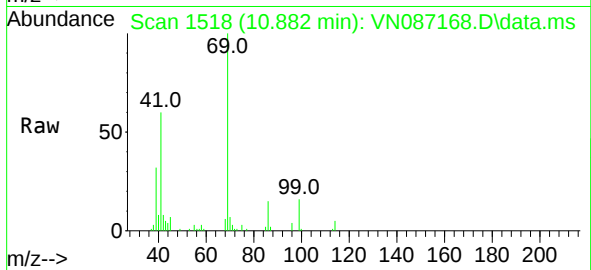




#51
Ethyl methacrylate
Concen: 18.768 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

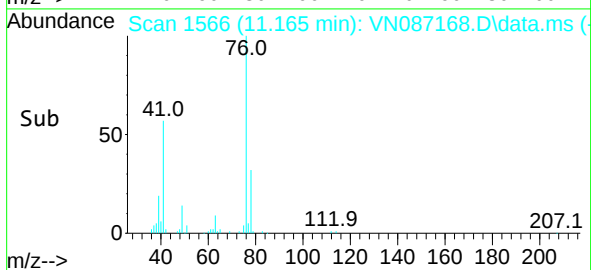
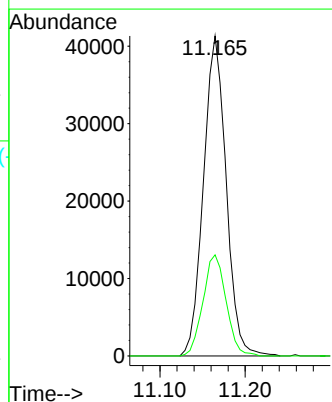
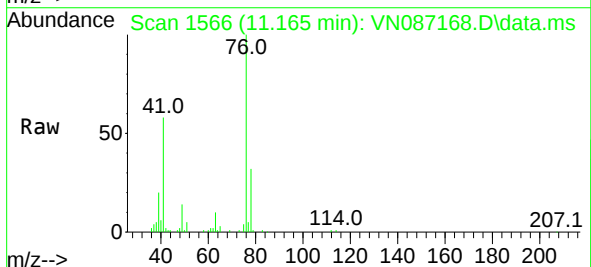
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

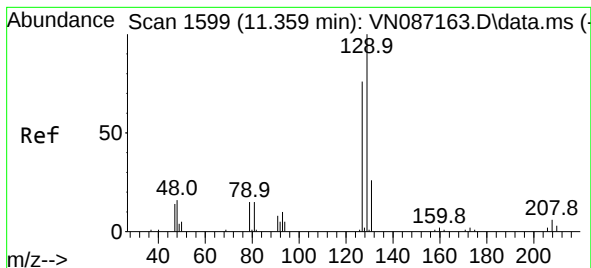
Tgt Ion: 69 Resp: 66937
Ion Ratio Lower Upper
69 100
41 58.8 31.8 95.3
39 30.6 15.3 45.8



#52
1,3-Dichloropropane
Concen: 19.027 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 76 Resp: 76546
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.0

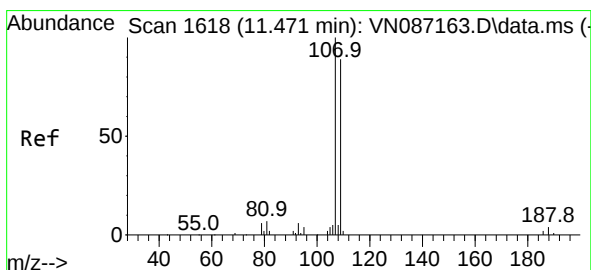
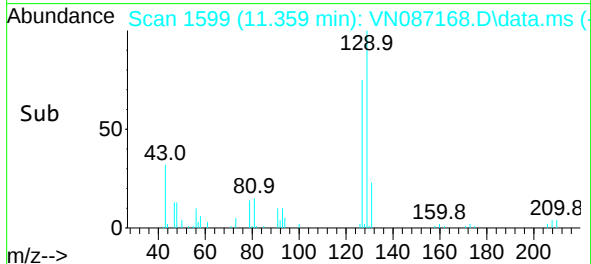
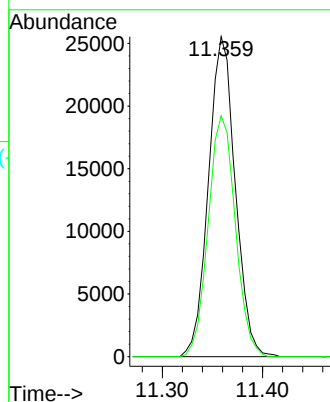
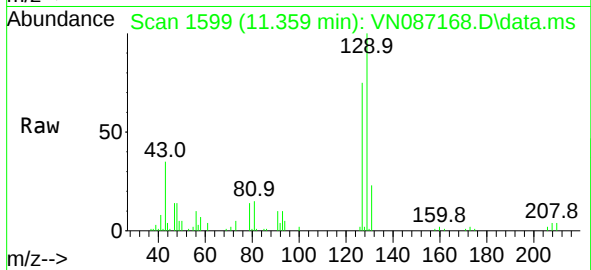




#53
Dibromochloromethane
Concen: 19.262 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

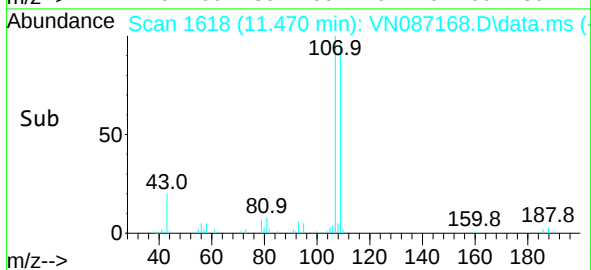
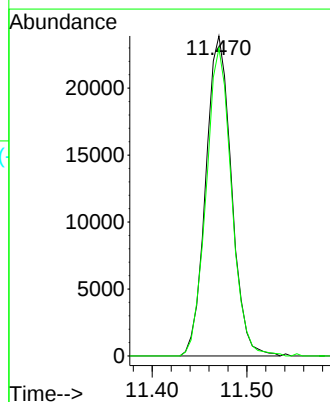
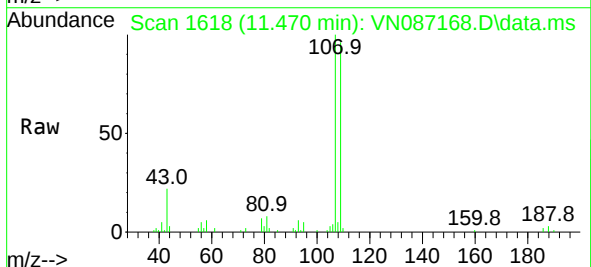
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

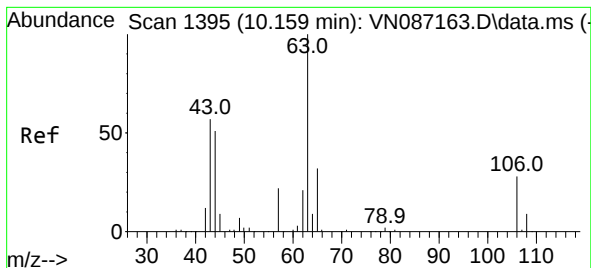
Tgt Ion:129 Resp: 47380
Ion Ratio Lower Upper
129 100
127 76.2 39.6 118.8



#54
1,2-Dibromoethane
Concen: 18.656 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion:107 Resp: 45103
Ion Ratio Lower Upper
107 100
109 95.1 73.5 110.3

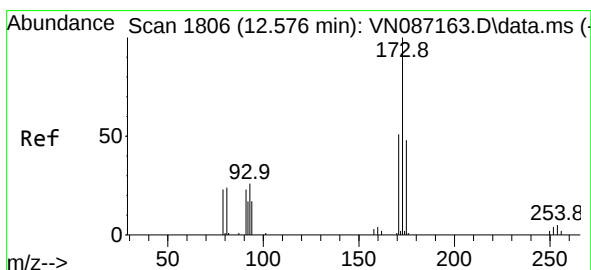
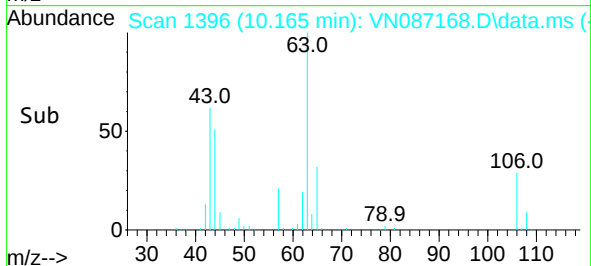
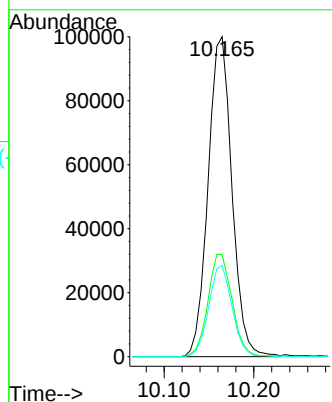
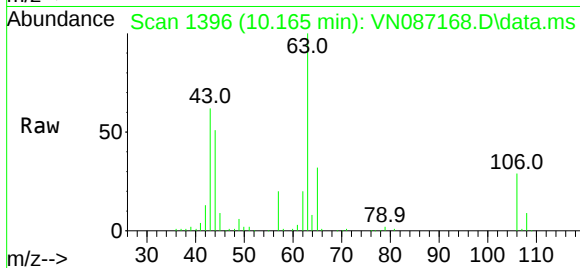




#55
2-Chloroethyl vinyl ether
Concen: 90.312 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

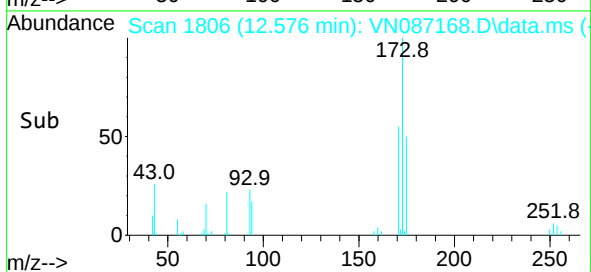
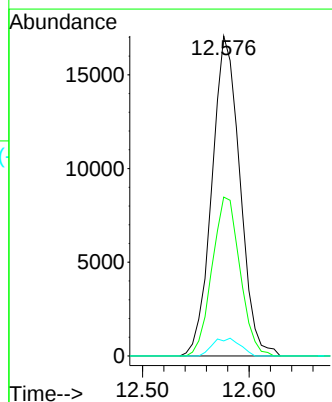
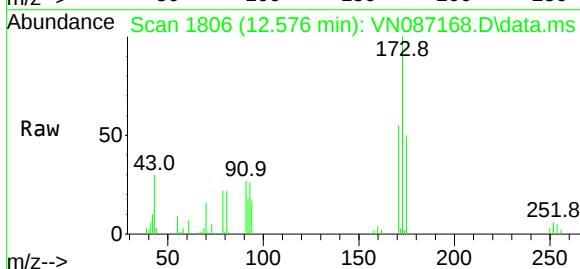
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

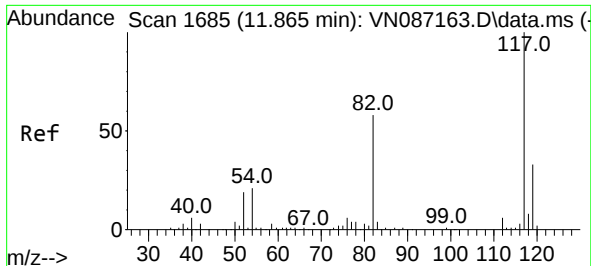
Tgt Ion: 63 Resp: 184630
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4
106 27.8 21.9 32.9



#56
Bromoform
Concen: 18.410 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 173 Resp: 31131
Ion Ratio Lower Upper
173 100
175 49.5 38.7 58.1
254 5.4 4.2 6.4

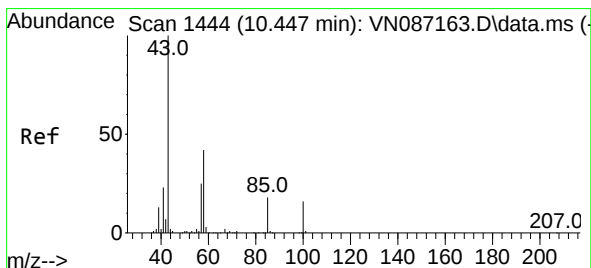
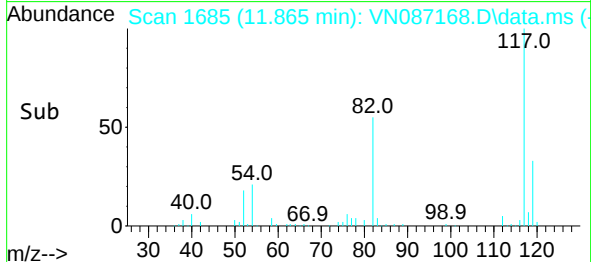
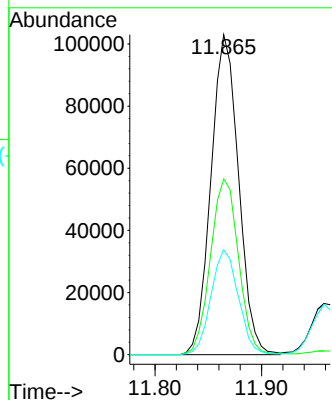
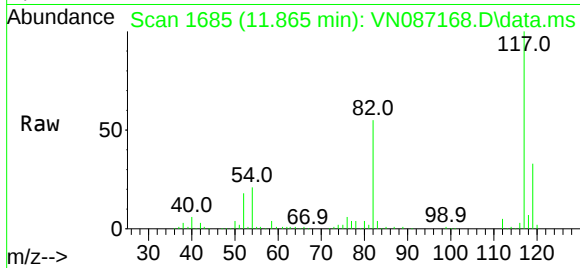




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

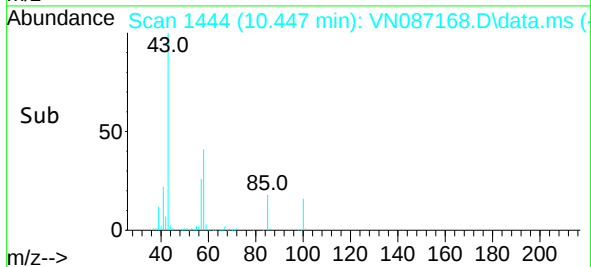
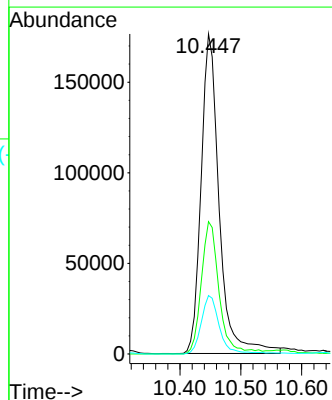
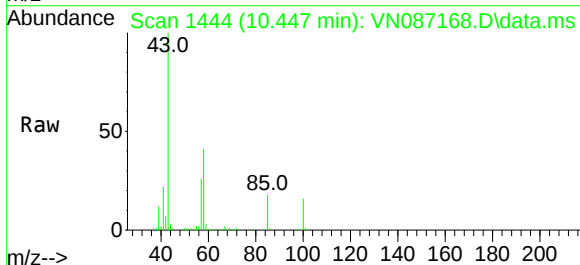
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

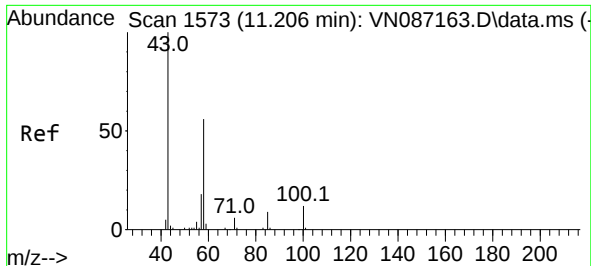
Tgt Ion:117 Resp: 185221
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 32.6 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 97.791 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 43 Resp: 364138
Ion Ratio Lower Upper
43 100
58 39.9 32.6 49.0
85 18.0 14.6 22.0

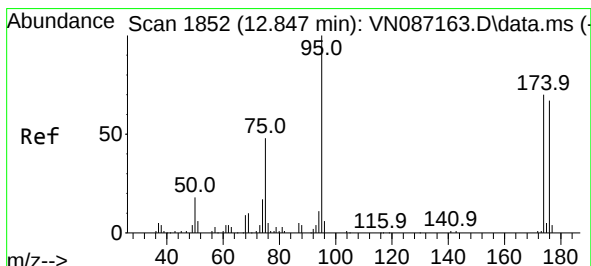
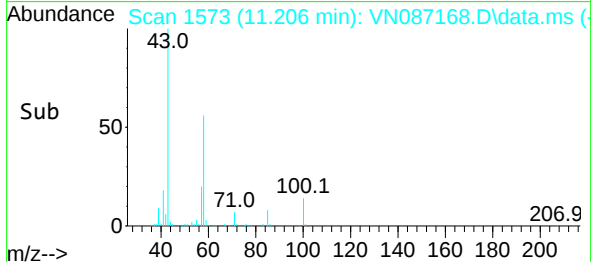
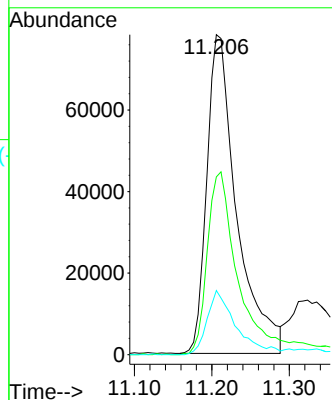
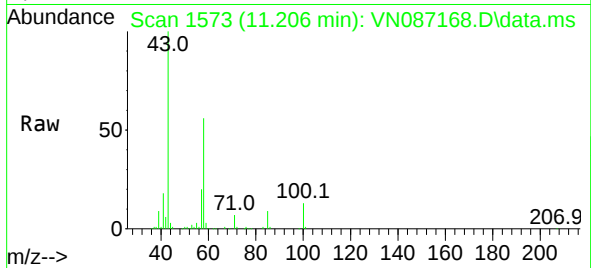




#59
2-Hexanone
Concen: 87.081 ug/l
RT: 11.206 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

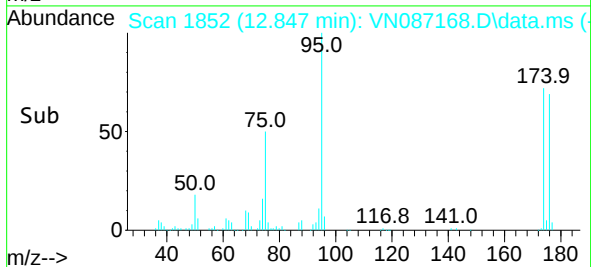
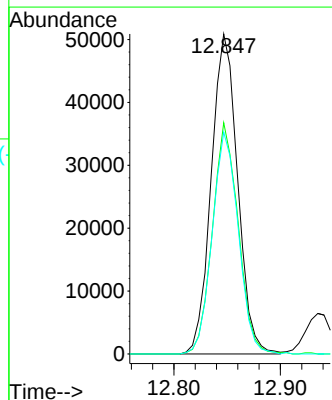
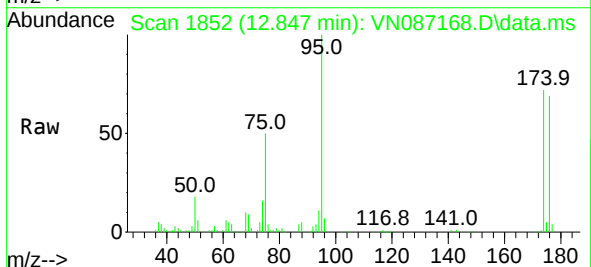
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

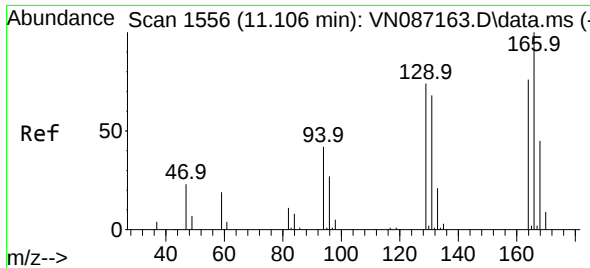
Tgt Ion: 43 Resp: 209381
Ion Ratio Lower Upper
43 100
58 58.3 49.2 73.8
57 18.8 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 30.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 95 Resp: 87563
Ion Ratio Lower Upper
95 100
174 70.6 54.5 81.7
176 68.4 51.9 77.9

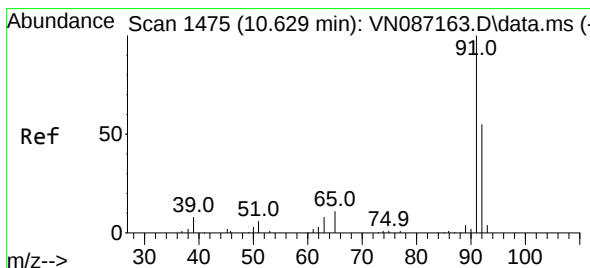
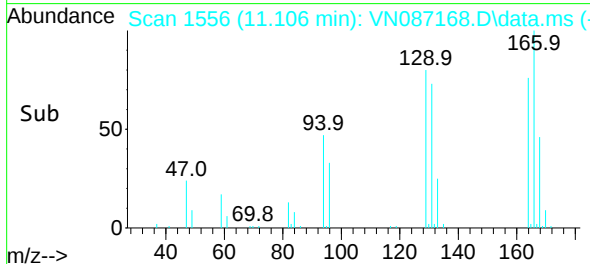
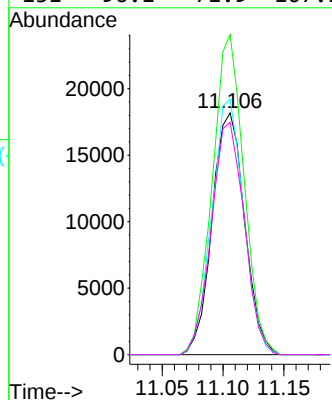
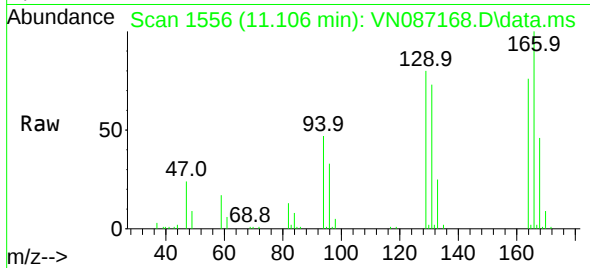




#61
Tetrachloroethene
Concen: 18.451 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

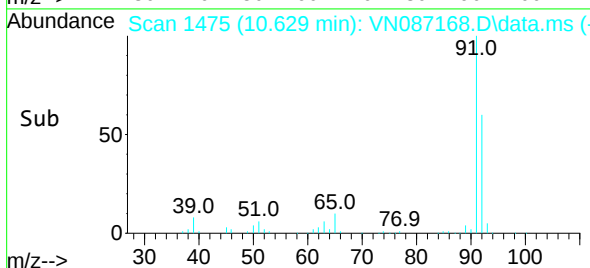
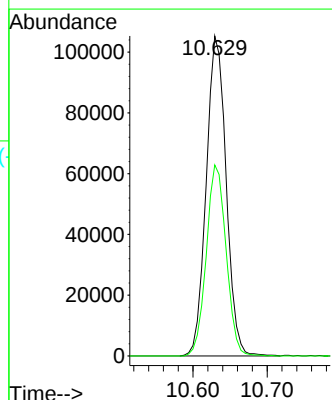
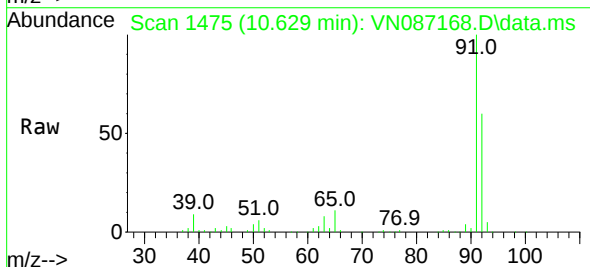
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

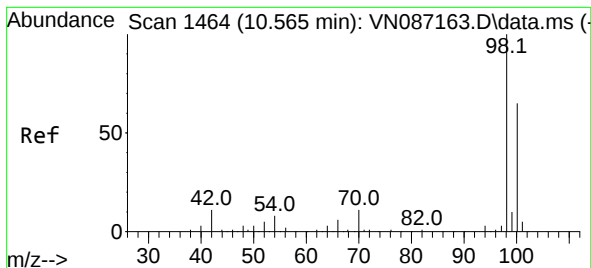
Tgt Ion:164 Resp: 33844
Ion Ratio Lower Upper
164 100
166 132.3 105.4 158.2
129 105.7 77.9 116.9
131 96.1 71.9 107.9



#62
Toluene
Concen: 18.821 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 91 Resp: 196885
Ion Ratio Lower Upper
91 100
92 59.3 45.8 68.8





#63

Toluene-d8

Concen: 30.485 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

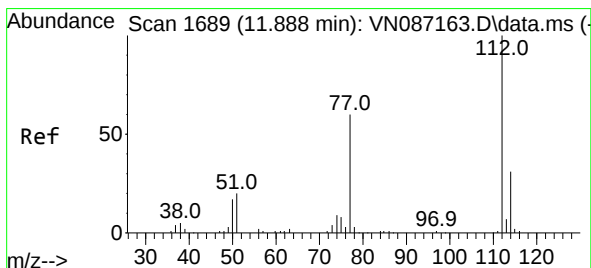
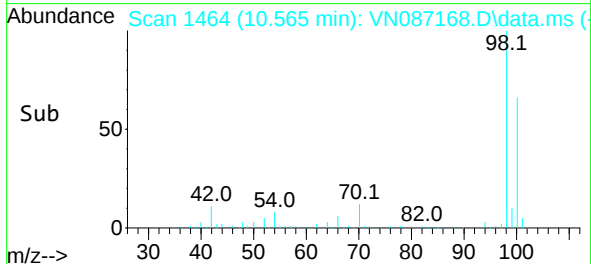
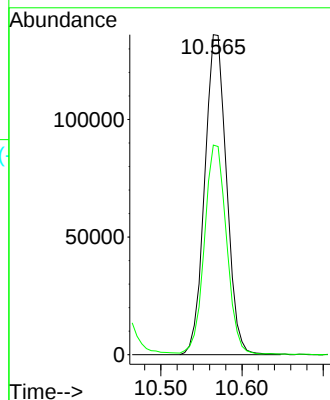
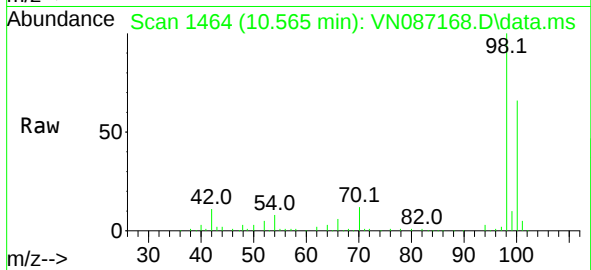
ICVVN062525

Tgt Ion: 98 Resp: 253524

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#64

Chlorobenzene

Concen: 18.982 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN087168.D

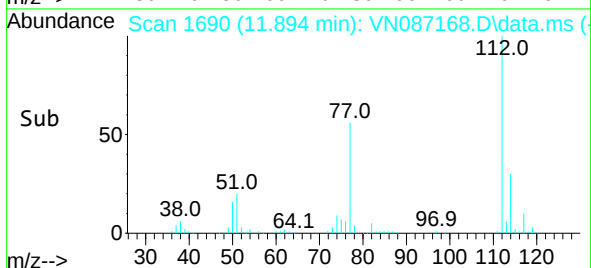
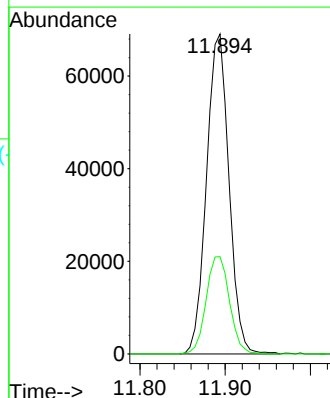
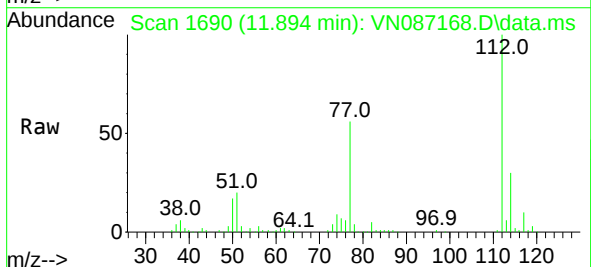
Acq: 25 Jun 2025 11:08

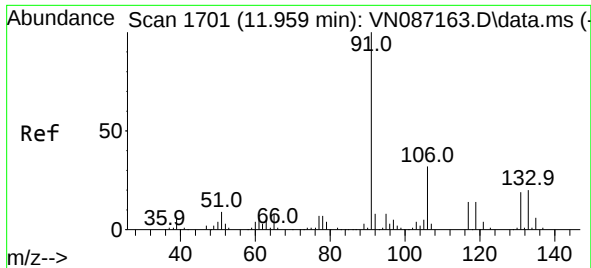
Tgt Ion: 112 Resp: 126668

Ion Ratio Lower Upper

112 100

114 30.4 25.0 37.4

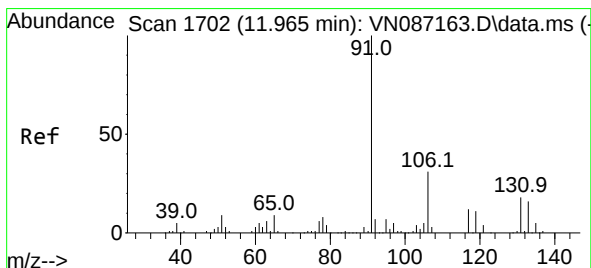
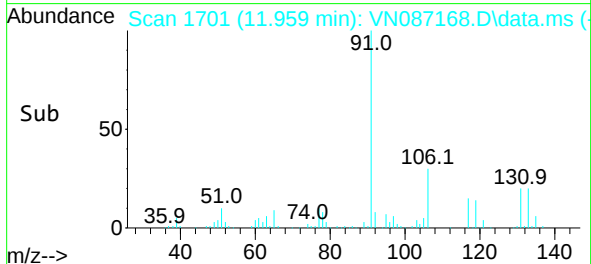
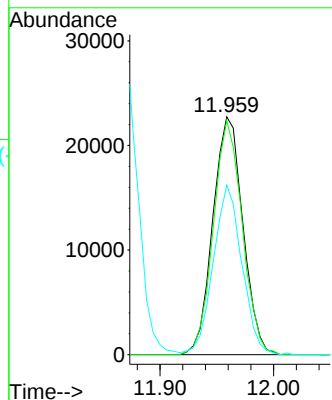
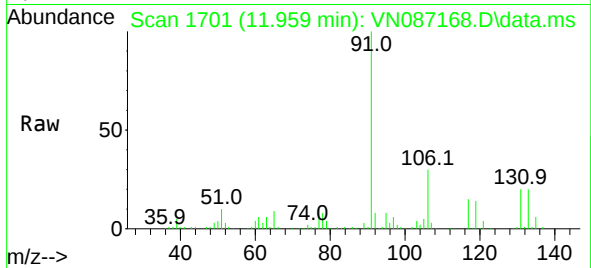




#65
1,1,1,2-Tetrachloroethane
Concen: 18.969 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

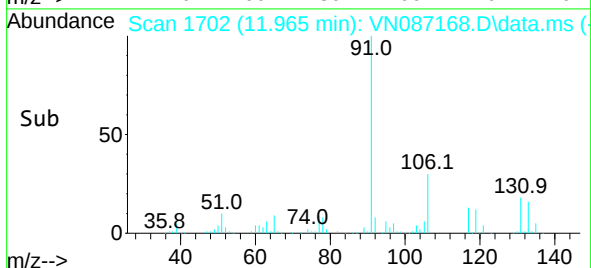
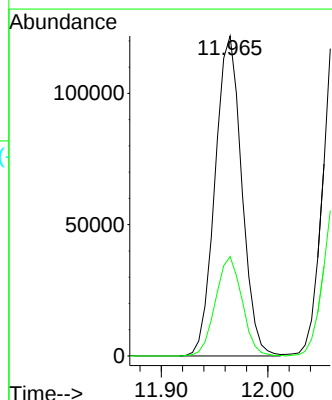
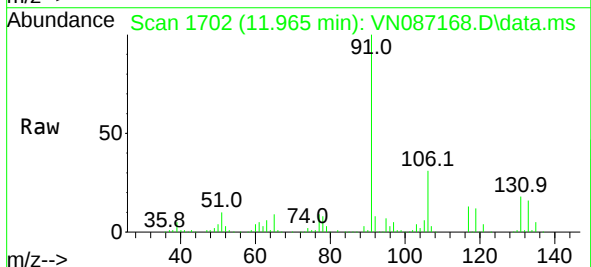
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

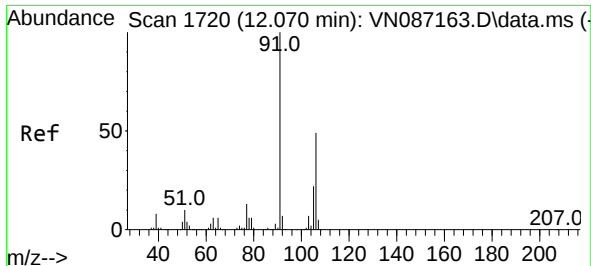
Tgt Ion:131 Resp: 41822
Ion Ratio Lower Upper
131 100
133 94.8 0.0 187.8
119 67.8 0.0 140.0



#66
Ethyl Benzene
Concen: 18.514 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 91 Resp: 211991
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

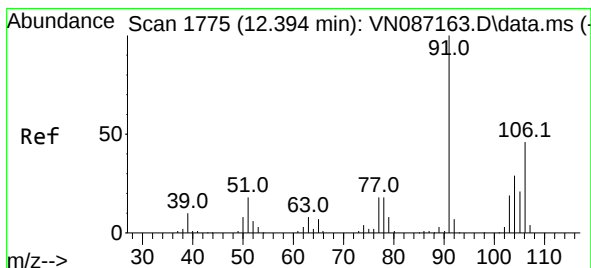
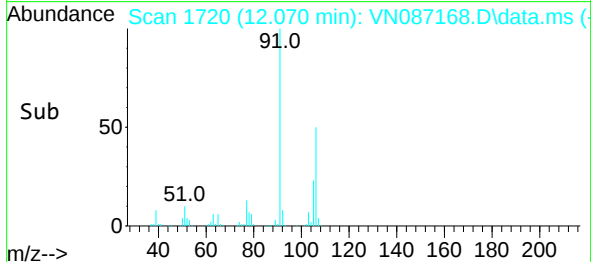
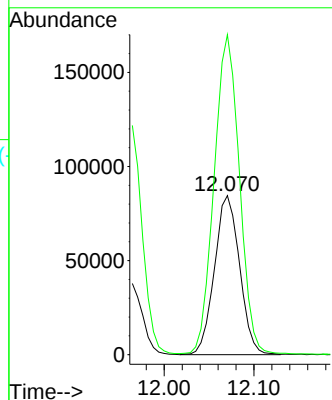
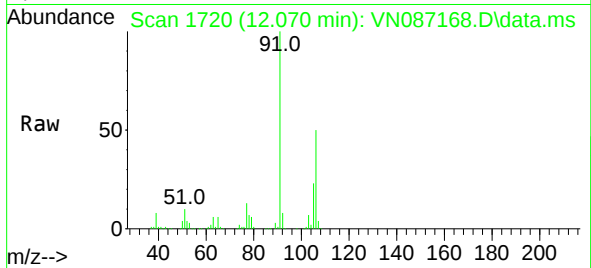




#67
m/p-Xylenes
Concen: 37.473 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

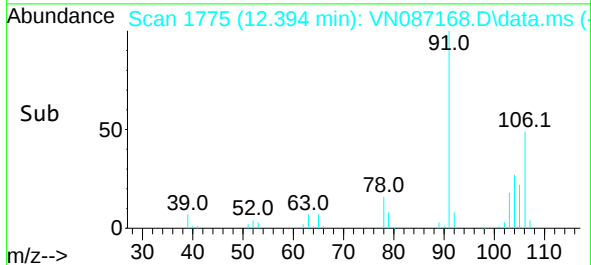
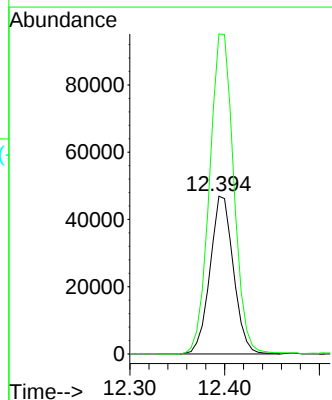
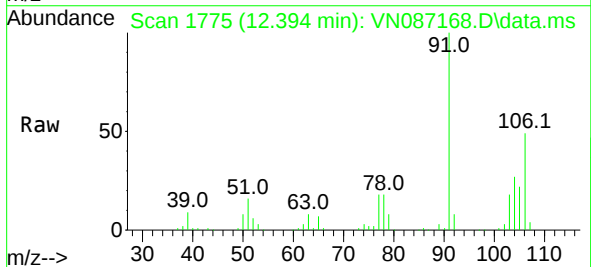
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

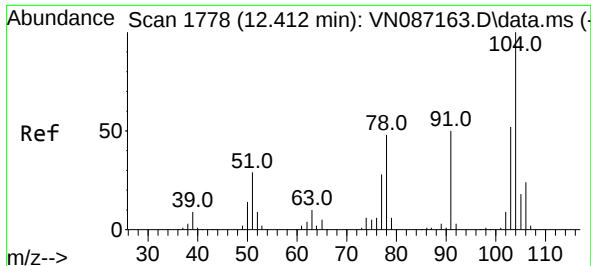
Tgt Ion:106 Resp: 164422
Ion Ratio Lower Upper
106 100
91 202.0 163.0 244.4



#68
o-Xylene
Concen: 19.277 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion:106 Resp: 80694
Ion Ratio Lower Upper
106 100
91 209.9 107.1 321.1

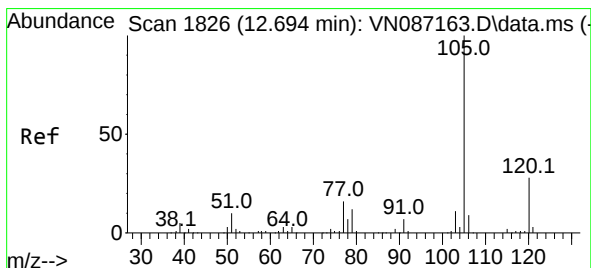
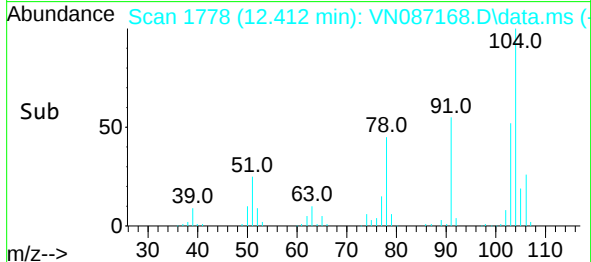
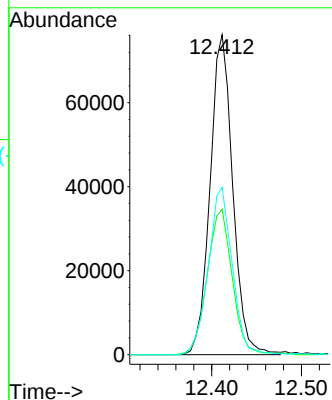
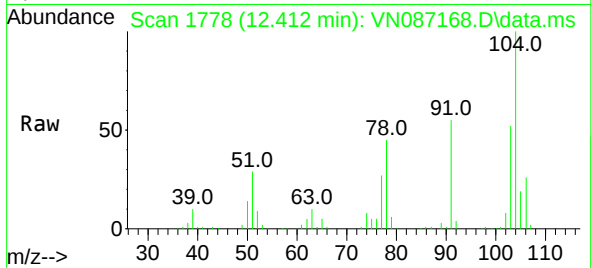




#69
Styrene
Concen: 18.596 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

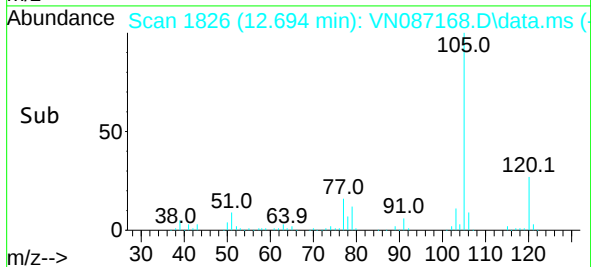
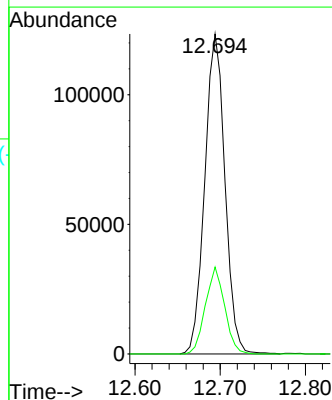
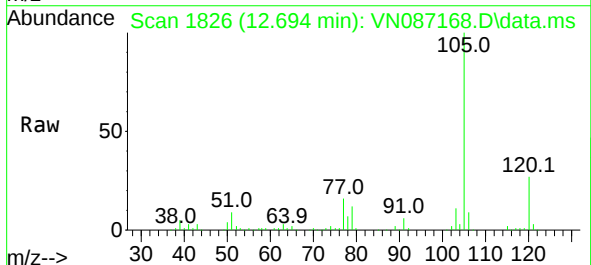
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

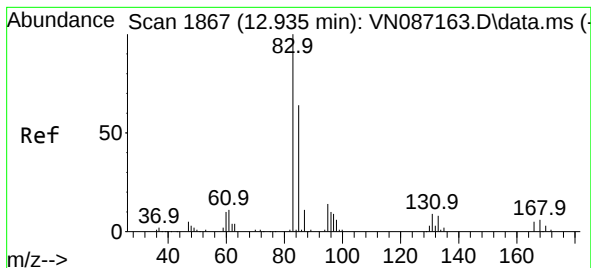
Tgt Ion:104 Resp: 133644
Ion Ratio Lower Upper
104 100
78 50.3 39.8 59.8
103 55.3 44.2 66.4



#70
Isopropylbenzene
Concen: 19.473 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion:105 Resp: 203011
Ion Ratio Lower Upper
105 100
120 25.9 19.0 35.2

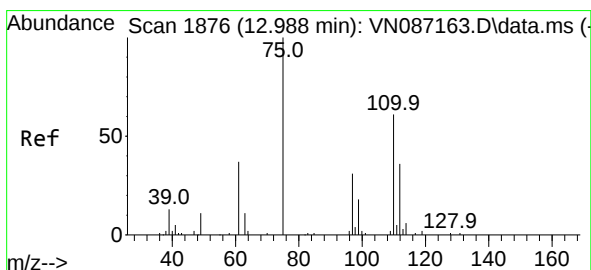
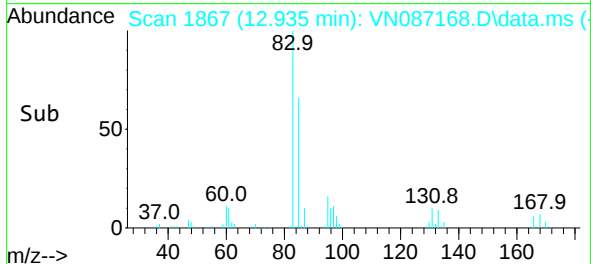
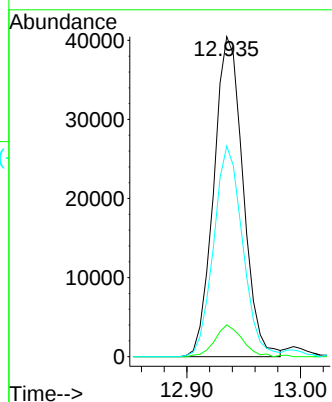
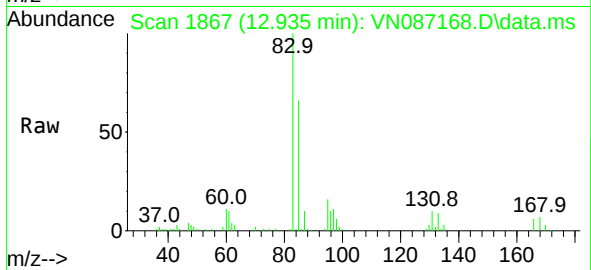




#71
1,1,2,2-Tetrachloroethane
Concen: 19.266 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

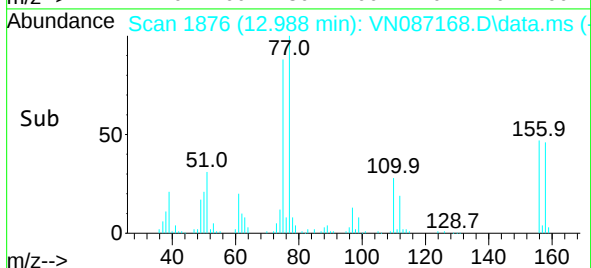
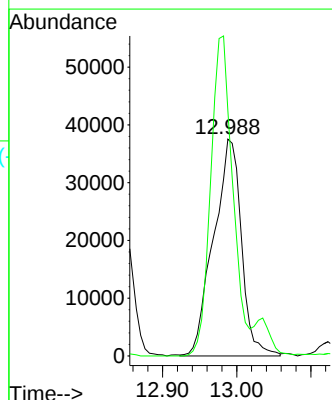
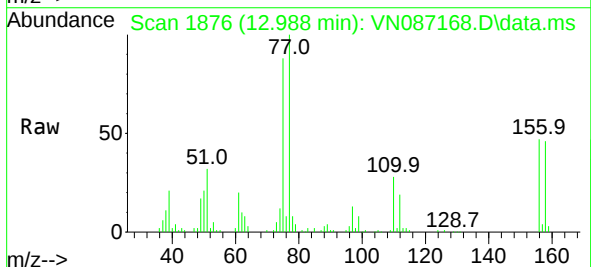
Instrument : MSVOA_N
ClientSampleId : ICVVN062525

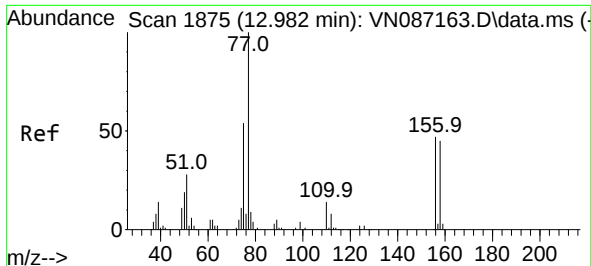
Tgt Ion: 83 Resp: 72297
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 65.2 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 30.262 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 75 Resp: 97927
Ion Ratio Lower Upper
75 100
77 117.1 0.0 379.2

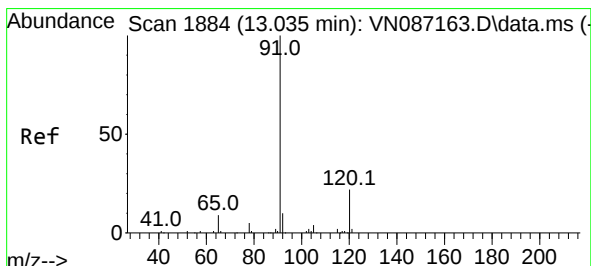
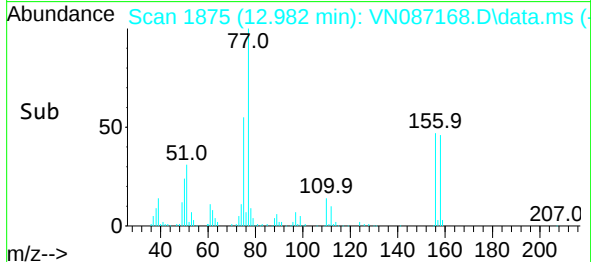
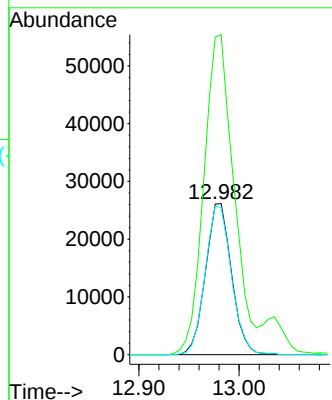
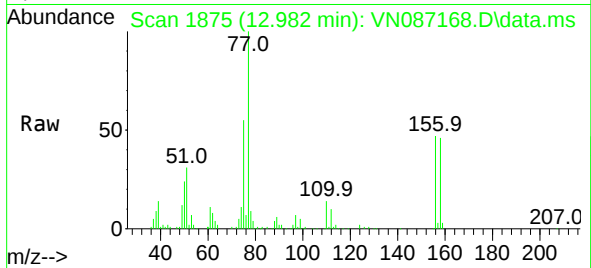




#73
Bromobenzene
Concen: 18.701 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

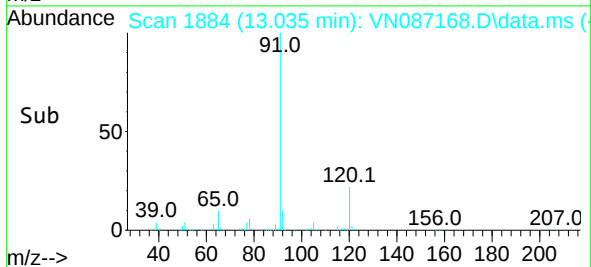
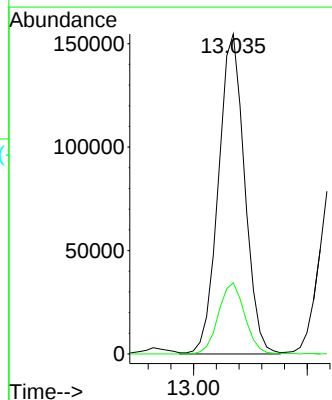
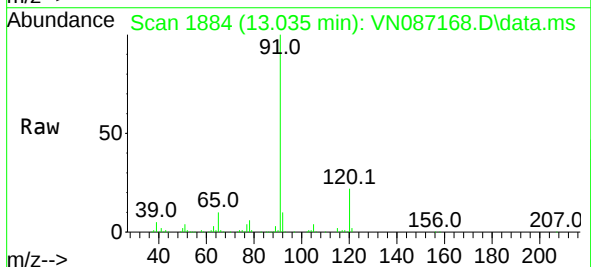
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

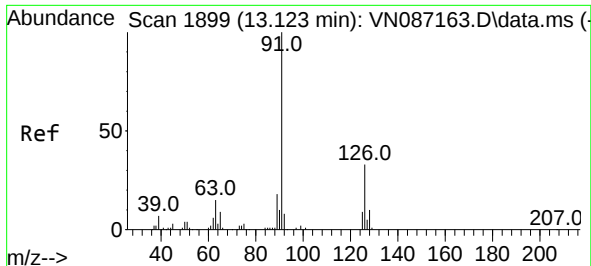
Tgt Ion:156 Resp: 47294
Ion Ratio Lower Upper
156 100
77 242.5 0.0 489.0
158 99.1 0.0 195.2



#74
n-propylbenzene
Concen: 19.471 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 91 Resp: 247990
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.6

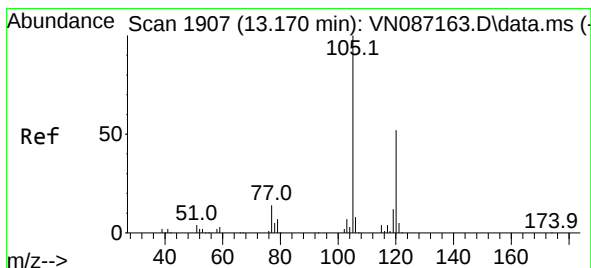
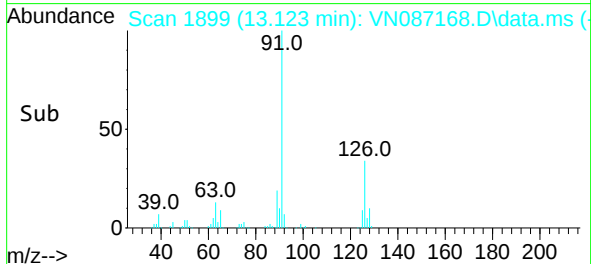
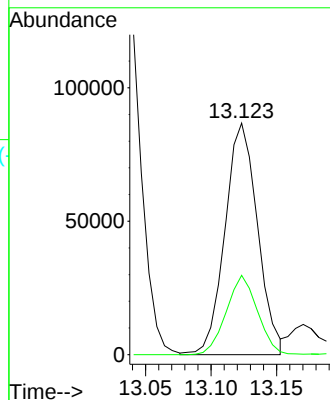
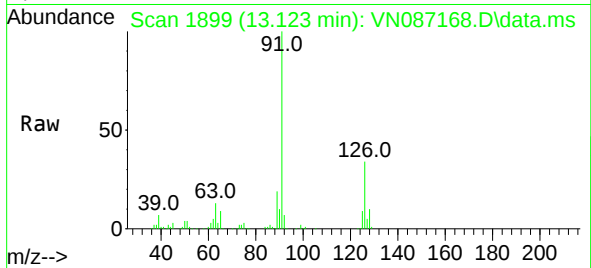




#75
2-Chlorotoluene
Concen: 19.509 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

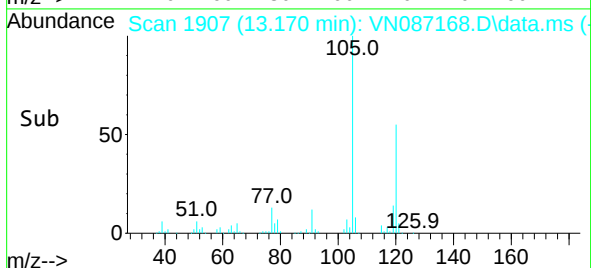
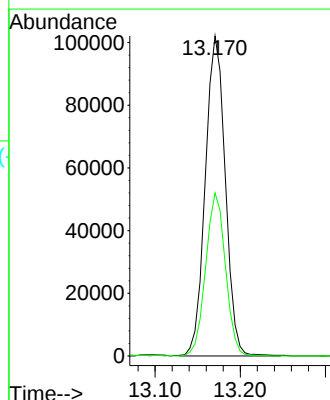
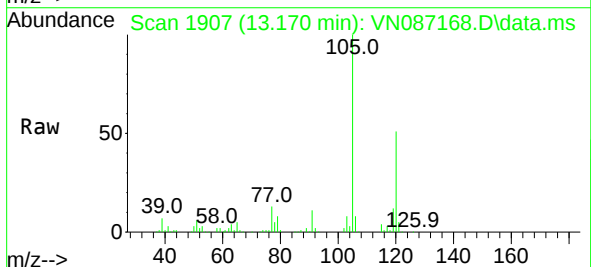
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

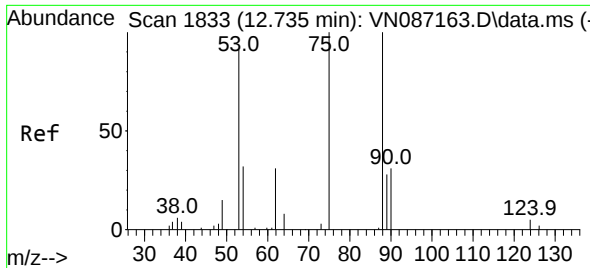
Tgt Ion: 91 Resp: 150115
Ion Ratio Lower Upper
91 100
126 32.8 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 19.619 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 105 Resp: 166512
Ion Ratio Lower Upper
105 100
120 50.3 0.0 100.8

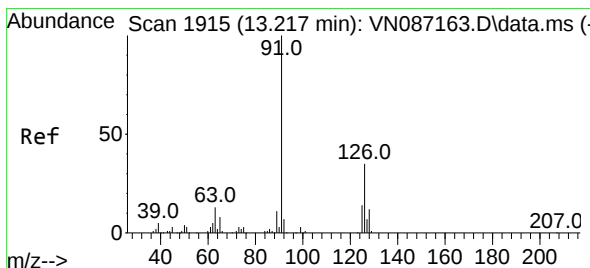
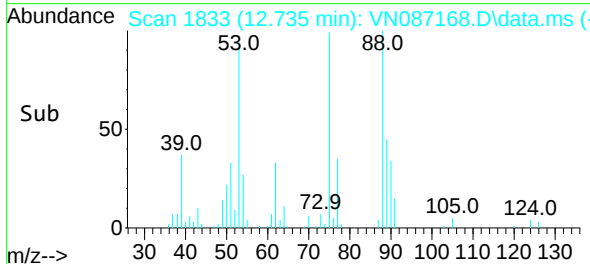
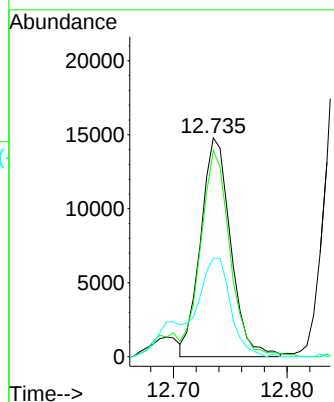
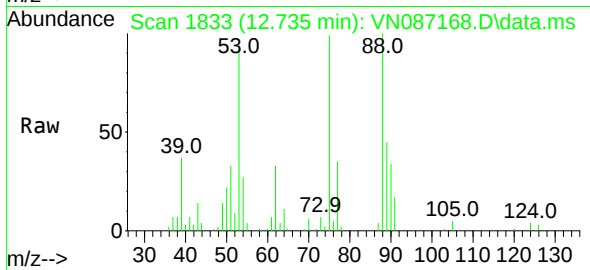




#77
t-1,4-Dichloro-2-butene
Concen: 18.914 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

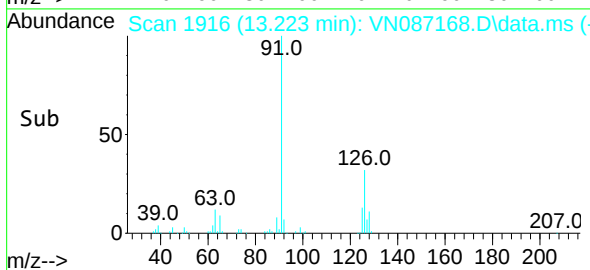
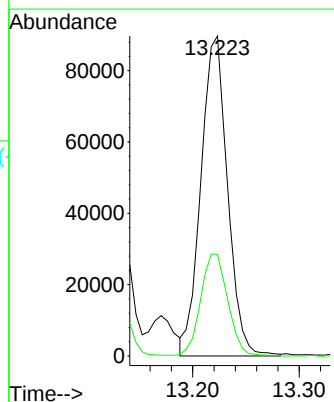
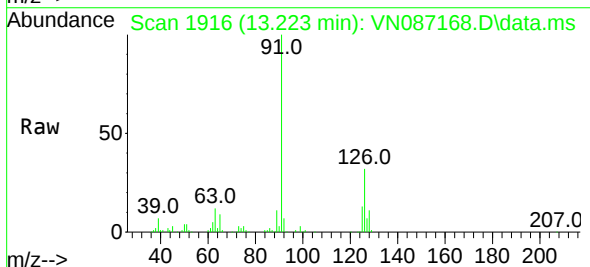
Instrument : MSVOA_N
ClientSampleId : ICVVN062525

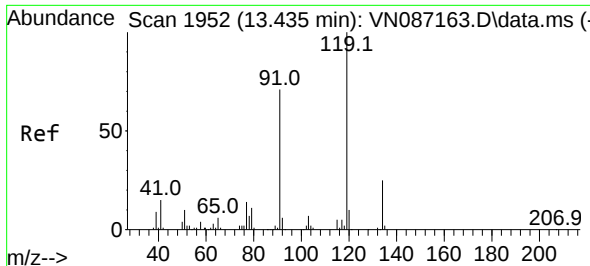
Tgt Ion:	75	Resp:	27150
Ion	Ratio	Lower	Upper
75	100		
53	94.1	45.9	137.6
89	45.6	22.3	66.9



#78
4-Chlorotoluene
Concen: 19.761 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion:	91	Resp:	155736
Ion	Ratio	Lower	Upper
91	100		
126	32.5	0.0	65.2

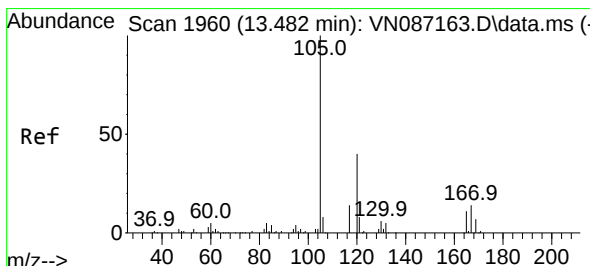
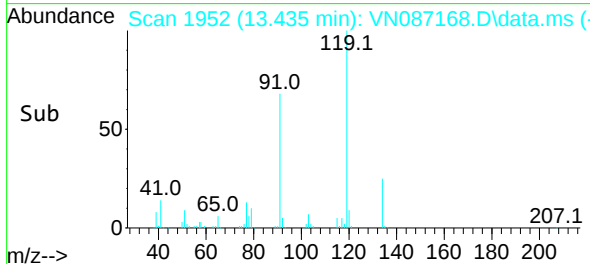
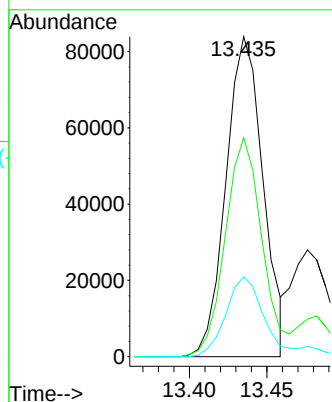
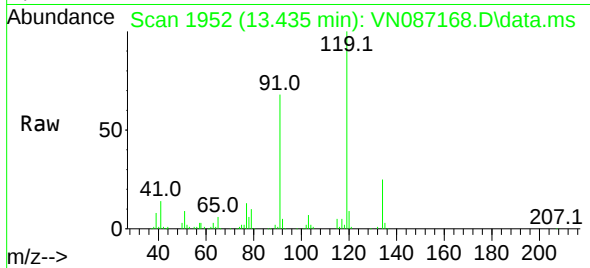




#79
tert-butylbenzene
Concen: 19.556 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

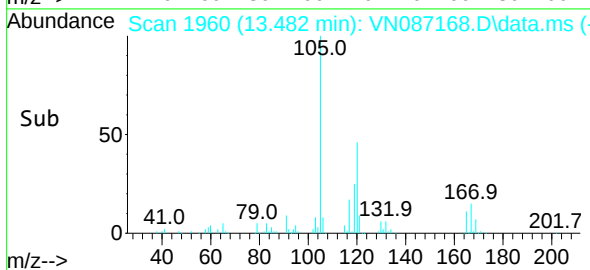
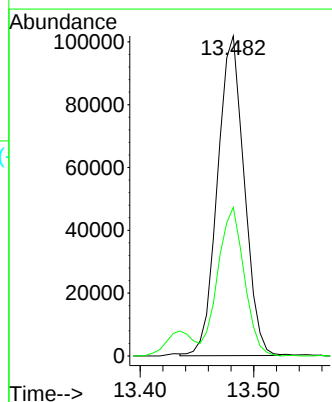
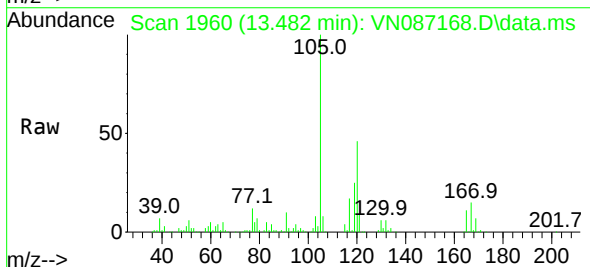
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

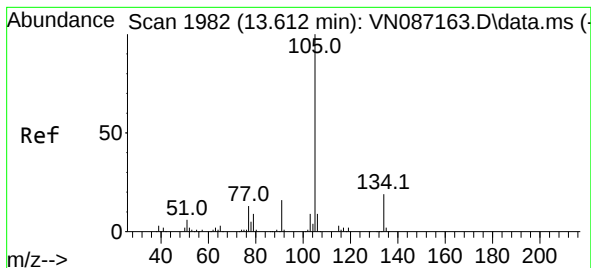
Tgt Ion:119 Resp: 139520
Ion Ratio Lower Upper
119 100
91 68.1 0.0 137.0
134 25.5 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 19.523 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion:105 Resp: 166385
Ion Ratio Lower Upper
105 100
120 45.7 0.0 94.0

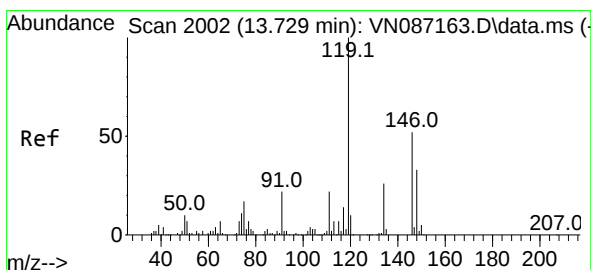
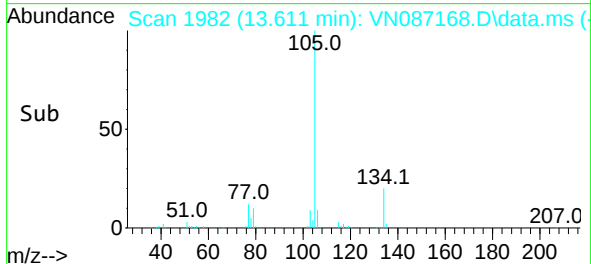
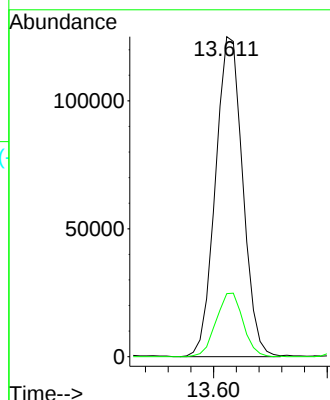
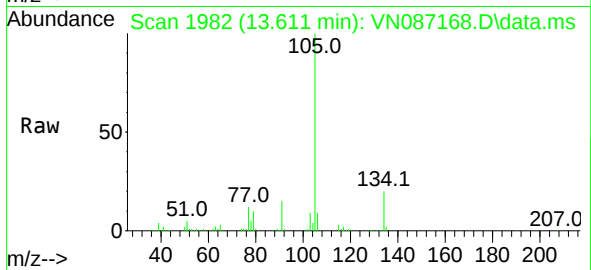




#81
 sec-Butylbenzene
 Concen: 20.153 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

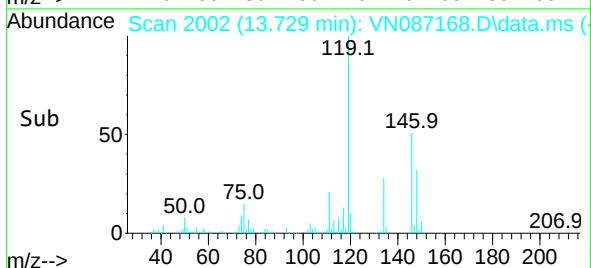
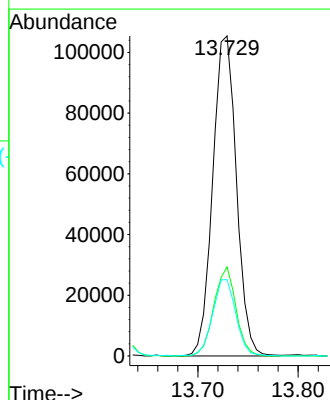
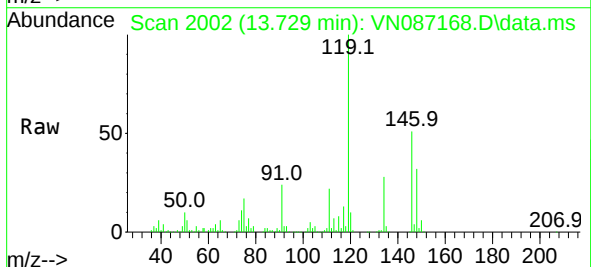
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062525

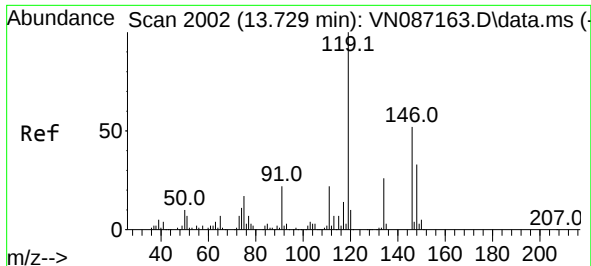
Tgt Ion:105 Resp: 209004
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.042 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

Tgt Ion:119 Resp: 172978
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.2
 91 23.5 0.0 46.4

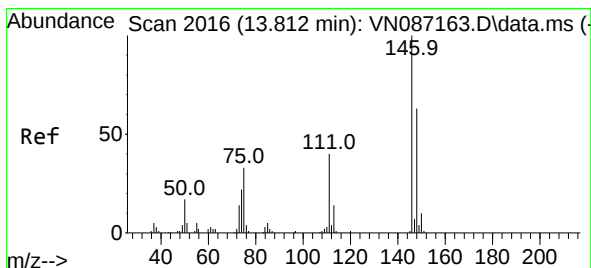
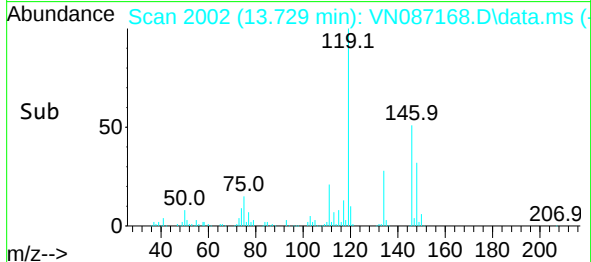
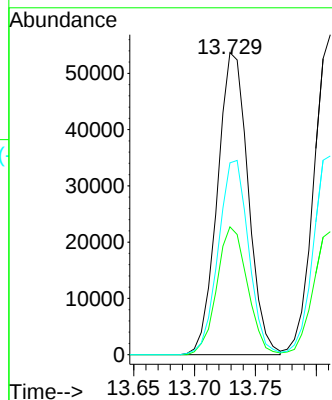
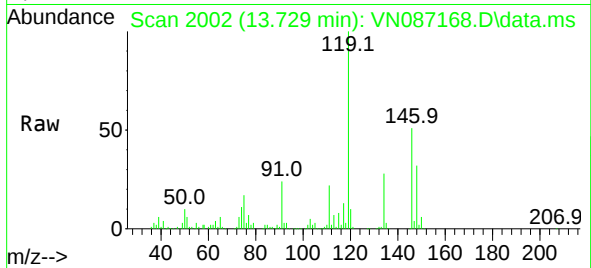




#83
1,3-Dichlorobenzene
Concen: 19.400 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

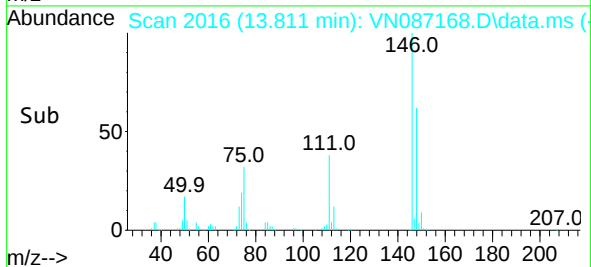
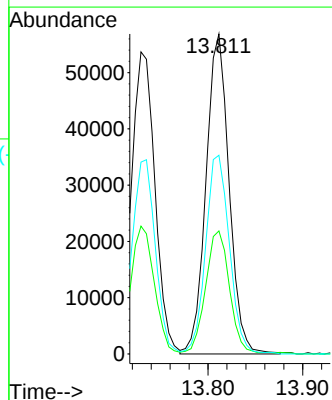
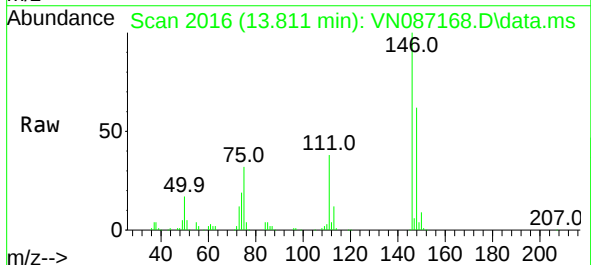
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

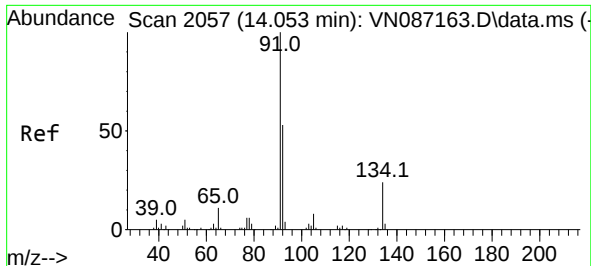
Tgt Ion:146 Resp: 94477
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 63.3 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 19.624 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion:146 Resp: 96182
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.2
148 62.9 31.4 94.2

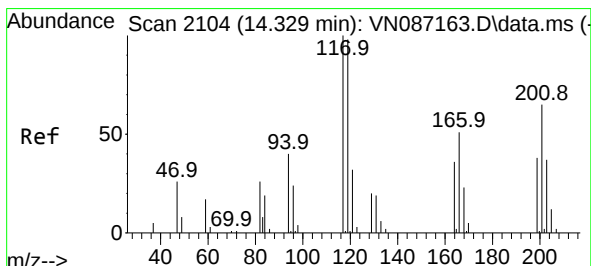
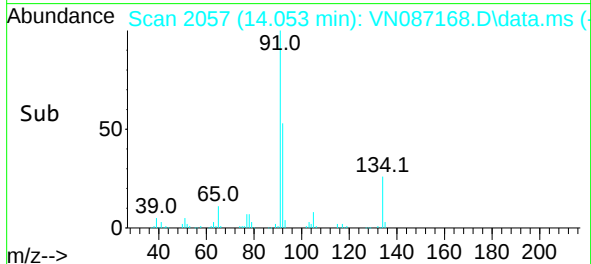
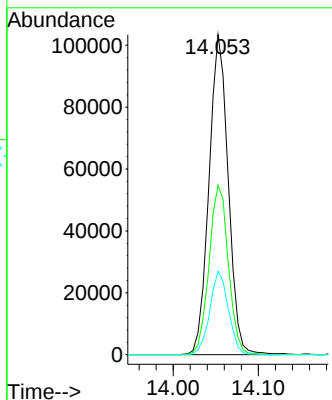
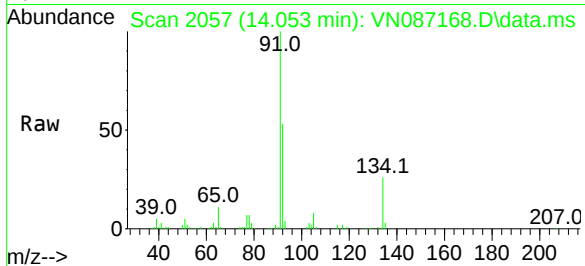




#85
n-Butylbenzene
Concen: 20.658 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

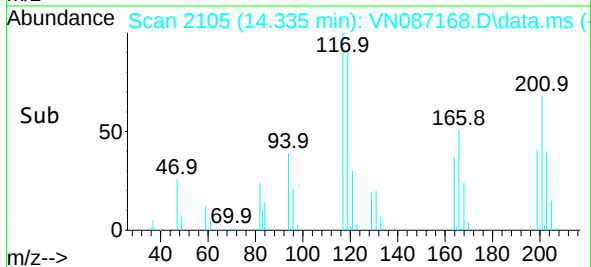
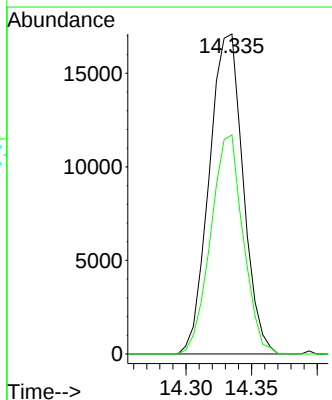
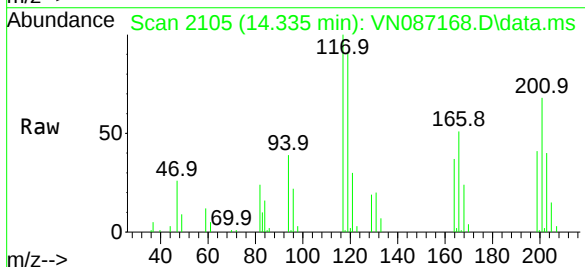
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

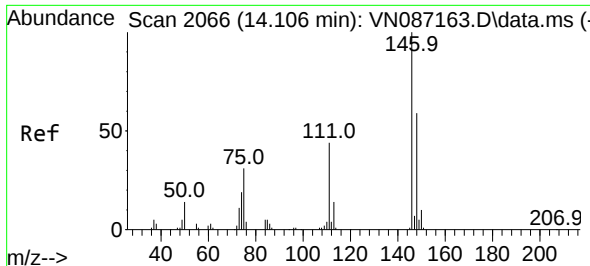
Tgt Ion: 91 Resp: 162667
Ion Ratio Lower Upper
91 100
92 53.2 0.0 106.4
134 25.2 0.0 48.8



#86
Hexachloroethane
Concen: 18.784 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion: 117 Resp: 30688
Ion Ratio Lower Upper
117 100
201 65.5 30.8 92.3

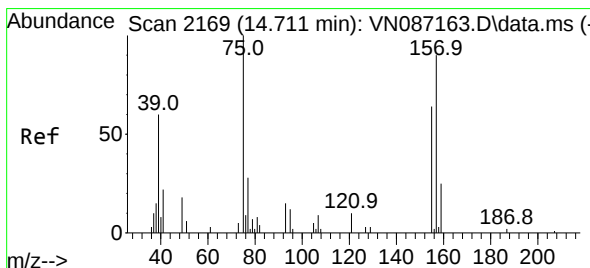
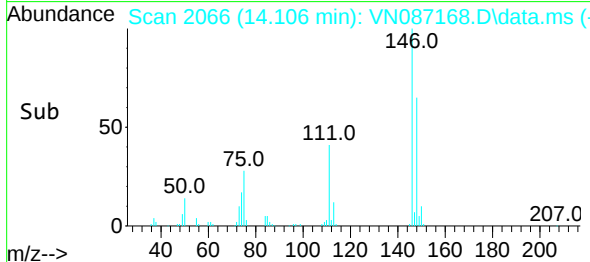
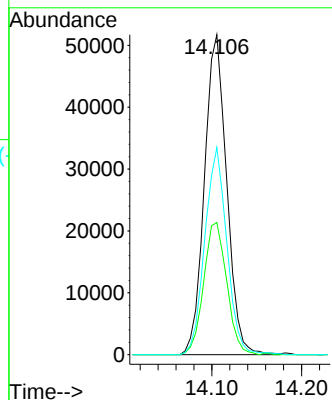
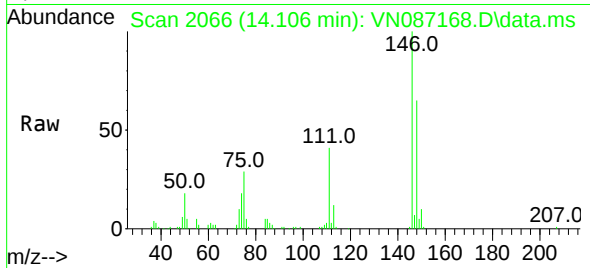




#87
1,2-Dichlorobenzene
Concen: 19.450 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

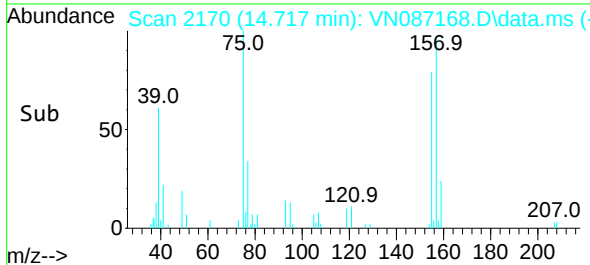
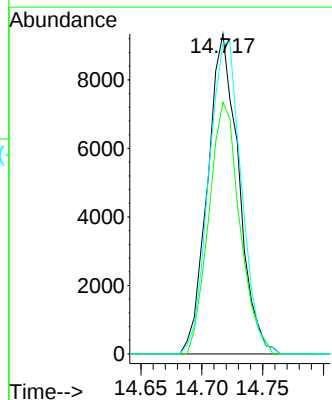
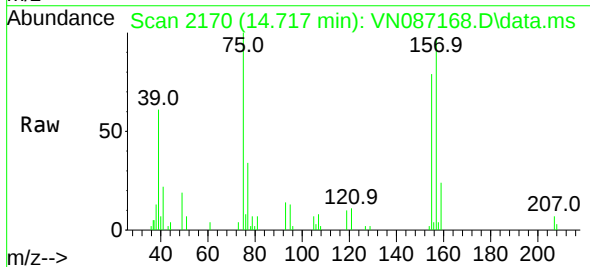
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

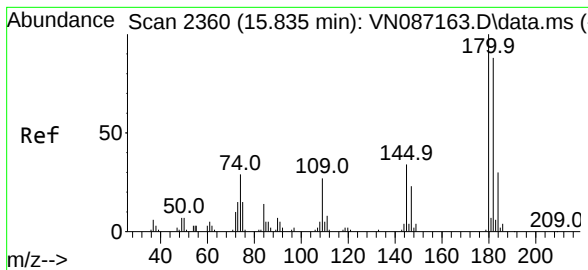
Tgt Ion:	146	Resp:	89313
Ion Ratio	Lower	Upper	
146	100		
111	42.7	22.1	66.1
148	64.0	31.6	95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.570 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087168.D
Acq: 25 Jun 2025 11:08

Tgt Ion:	75	Resp:	16536
Ion Ratio	Lower	Upper	
75	100		
155	78.5	58.3	87.5
157	102.5	79.2	118.8

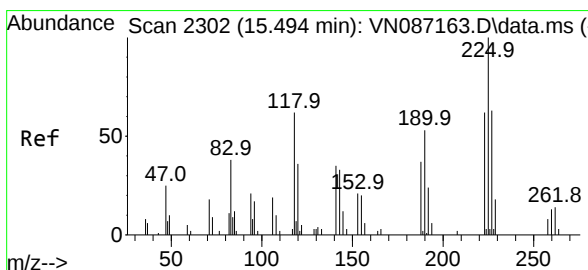
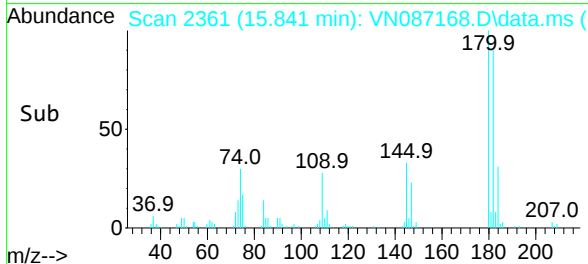
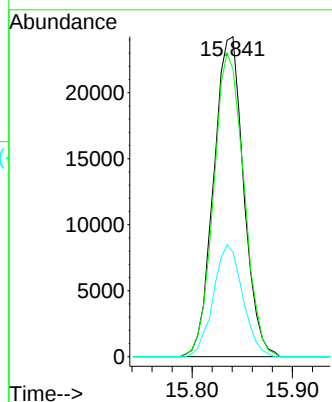
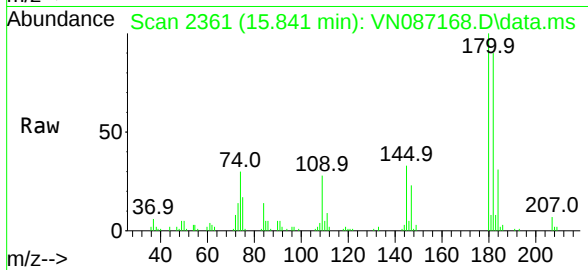




#89
 1,2,4-Trichlorobenzene
 Concen: 19.367 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

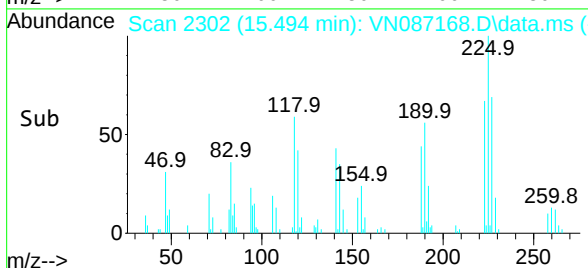
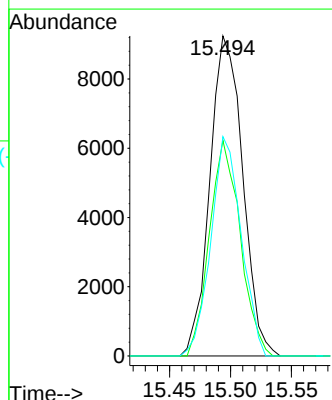
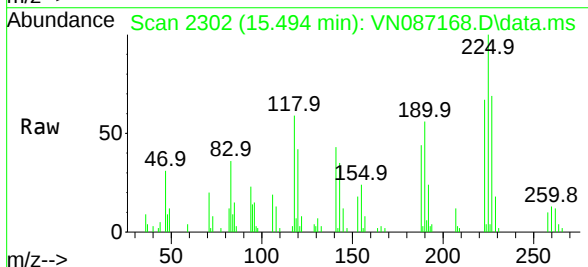
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062525

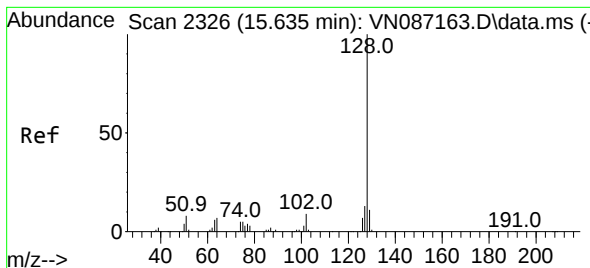
Tgt Ion:180 Resp: 50315
 Ion Ratio Lower Upper
 180 100
 182 95.9 74.2 111.2
 145 34.3 27.6 41.4



#90
 Hexachlorobutadiene
 Concen: 22.501 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.000 min
 Lab File: VN087168.D
 Acq: 25 Jun 2025 11:08

Tgt Ion:225 Resp: 17346
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 134.2
 227 63.3 0.0 122.6





#91

Naphthalene

Concen: 18.973 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062525

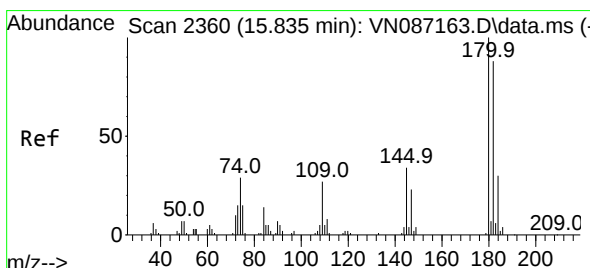
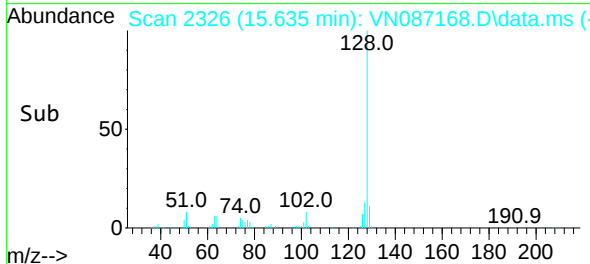
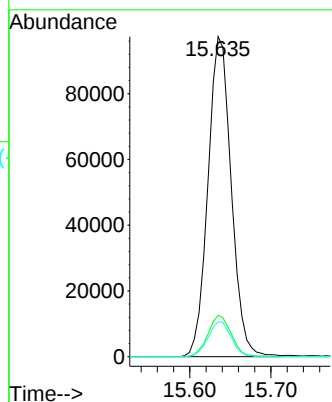
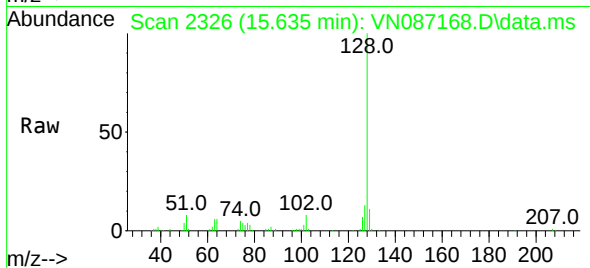
Tgt Ion:128 Resp: 193989

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.8 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 19.367 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN087168.D

Acq: 25 Jun 2025 11:08

Tgt Ion:180 Resp: 50315

Ion Ratio Lower Upper

180 100

182 95.9 0.0 185.4

145 34.3 0.0 69.0

