

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085163.D
 Acq On : 10 Dec 2024 13:53
 Operator : JC\MD
 Sample : P5216-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 04:15:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

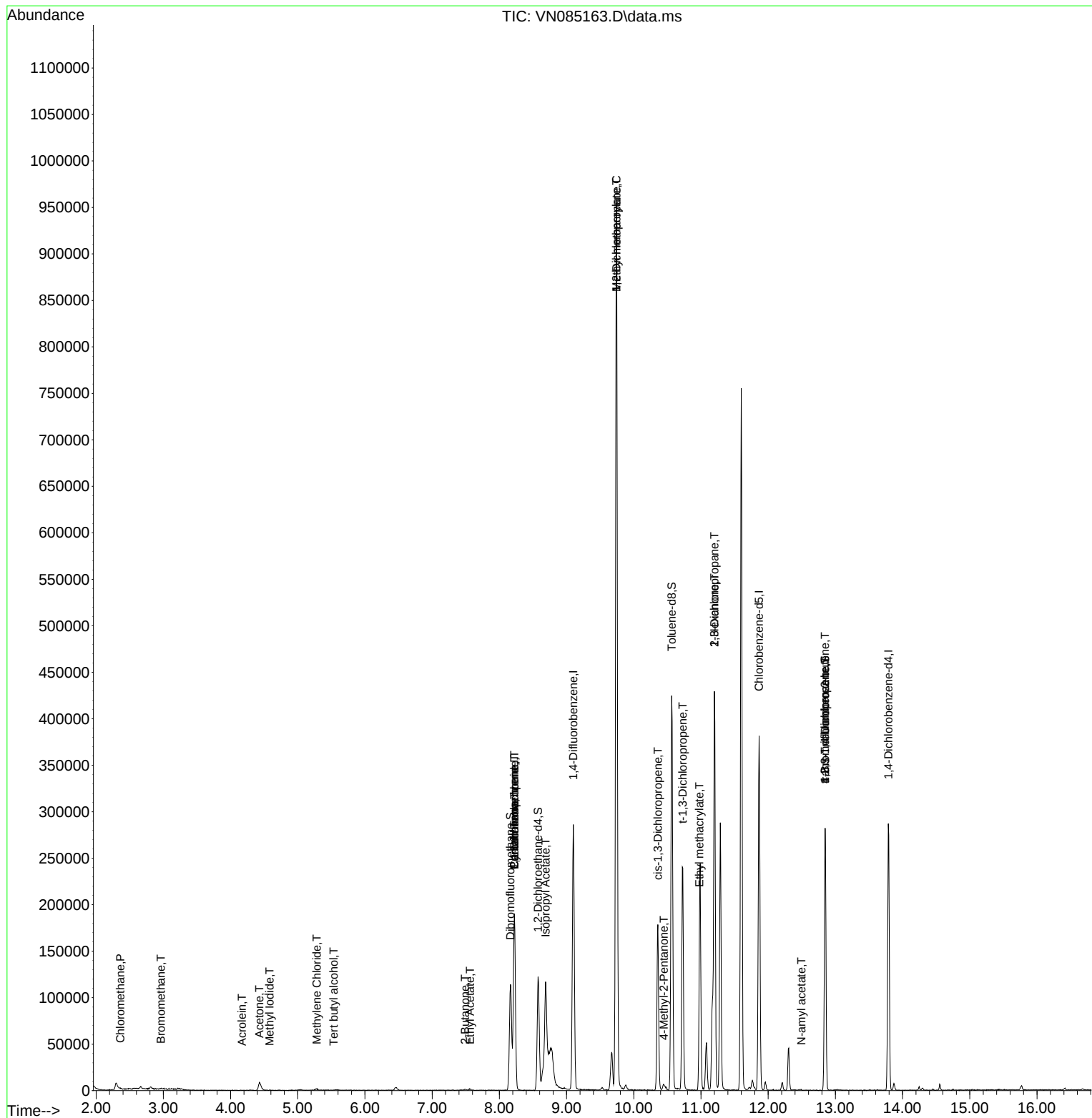
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	131825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	77559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100596	53.573	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.140%		
35) Dibromofluoromethane	8.165	113	81982	50.768	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.540%		
50) Toluene-d8	10.565	98	294136	50.826	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.660%		
62) 4-Bromofluorobenzene	12.847	95	96627	44.648	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.300%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	509	0.294	ug/l #	40
5) Bromomethane	2.965	94	515	0.591	ug/l #	75
10) Methyl Iodide	4.583	142	573	0.289	ug/l #	39
11) Tert butyl alcohol	5.536	59	79	0.315	ug/l #	75
13) Acrolein	4.171	56	61	0.364	ug/l #	16
16) Acetone	4.430	43	16244	29.703	ug/l	98
18) Methyl Acetate	5.030	43	1828	Below Cal	#	57
20) Methylene Chloride	5.283	84	1188	0.712	ug/l #	87
25) 2-Butanone	7.488	43	1983	2.218	ug/l #	88
31) Cyclohexane	8.224	56	2808	1.123	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11102	5.076	ug/l #	49
37) Ethyl Acetate	7.565	43	2768	1.392	ug/l #	70
38) Carbon Tetrachloride	8.224	117	14593	5.780	ug/l #	16
43) Isopropyl Acetate	8.688	43	151466	36.671	ug/l #	80
45) 1,2-Dichloropropane	9.741	63	1098	0.644	ug/l #	45
48) Methyl methacrylate	9.741	41	84551	55.010	ug/l #	39
51) 4-Methyl-2-Pentanone	10.447	43	7817	4.144	ug/l #	69
53) t-1,3-Dichloropropene	10.729	75	569	0.226	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	31741	11.893	ug/l #	62
56) Ethyl methacrylate	10.976	69	1270	0.570	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4156	1.548	ug/l #	42
59) 2-Hexanone	11.200	43	52631	37.301	ug/l #	53
74) N-amyl acetate	12.494	43	636	0.282	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	50513	35.806	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50513	79.044	ug/l #	10

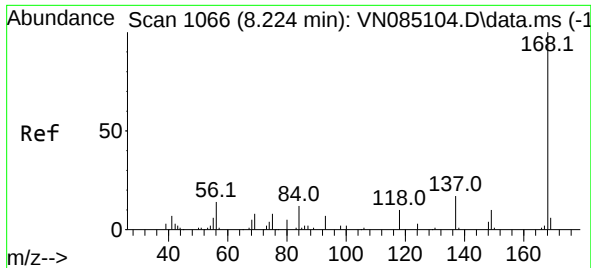
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
Data File : VN085163.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Dec 11 04:15:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

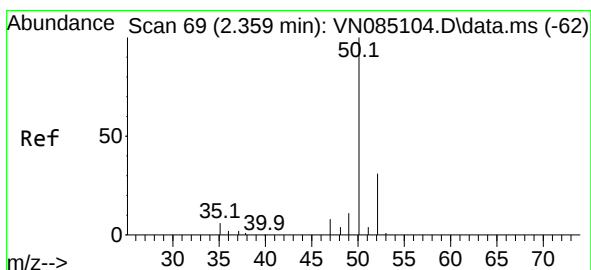
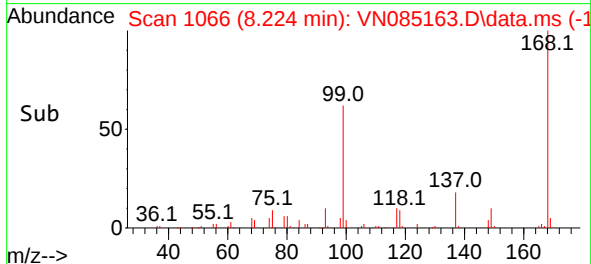
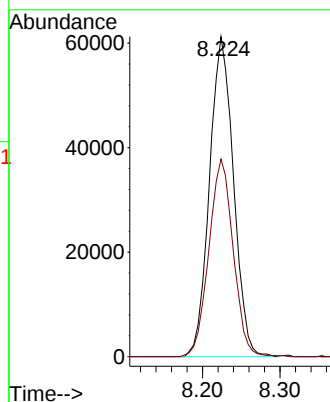
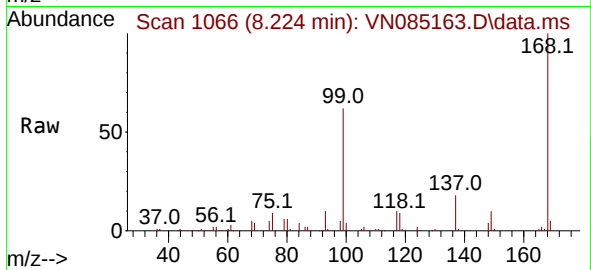




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

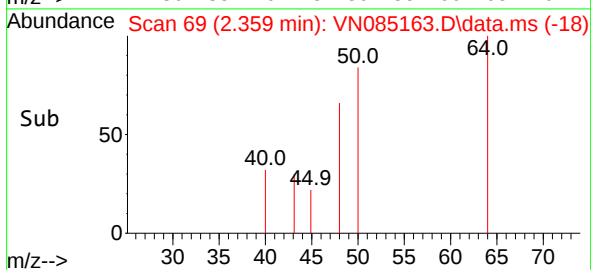
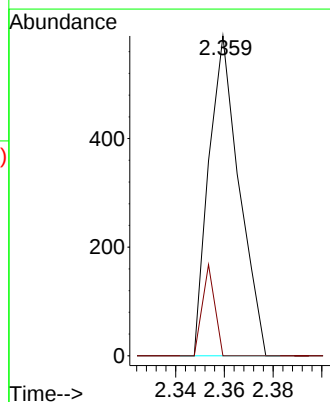
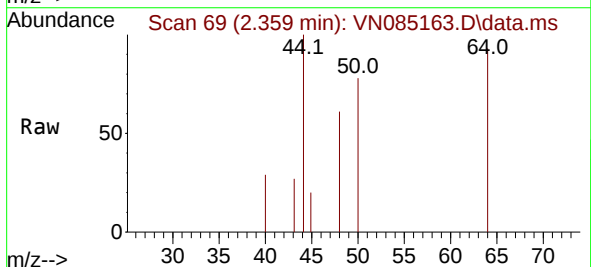
Instrument :
MSVOA_N
ClientSampleId :

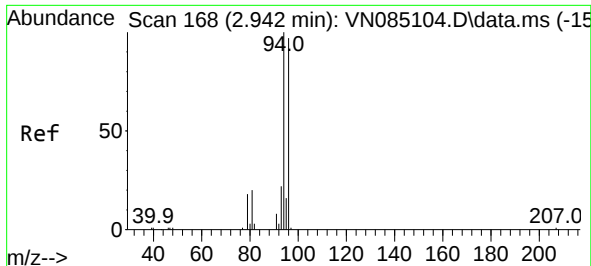
Tgt Ion:168 Resp: 131825
Ion Ratio Lower Upper
168 100
99 61.7 51.2 76.8



#3
Chloromethane
Concen: 0.294 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Tgt Ion: 50 Resp: 509
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

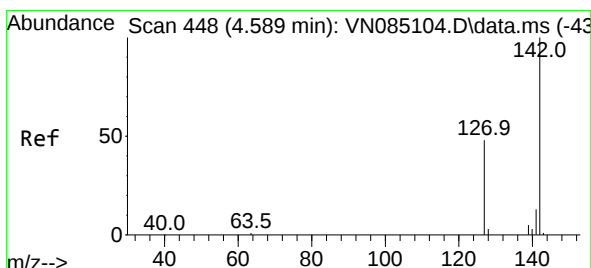
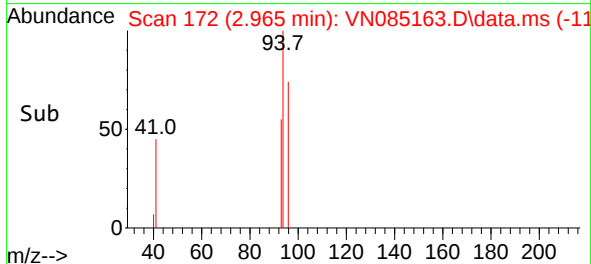
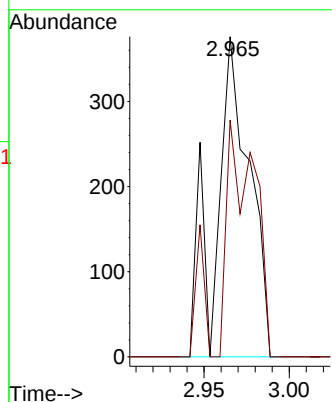
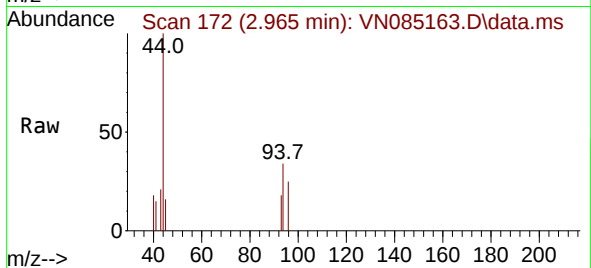




#5
Bromomethane
Concen: 0.591 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

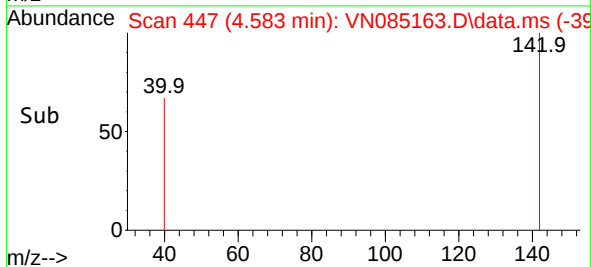
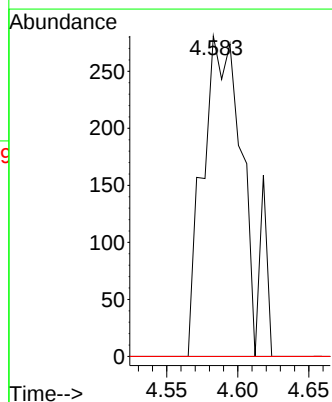
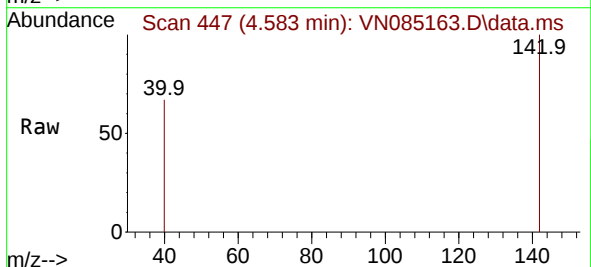
Instrument :
MSVOA_N
ClientSampleId :

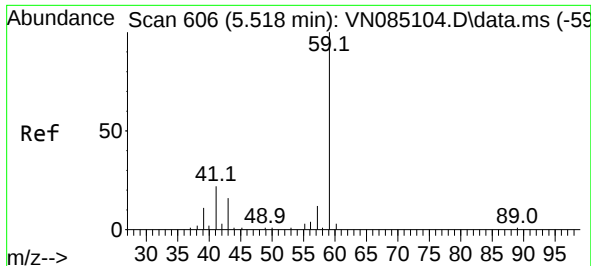
Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 73.9 78.7 118.1#



#10
Methyl Iodide
Concen: 0.289 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

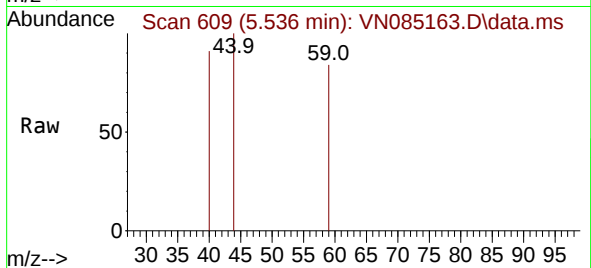
Tgt Ion: 142 Resp: 573
Ion Ratio Lower Upper
142 100
127 0.0 36.6 54.8#
141 0.0 12.2 18.4#



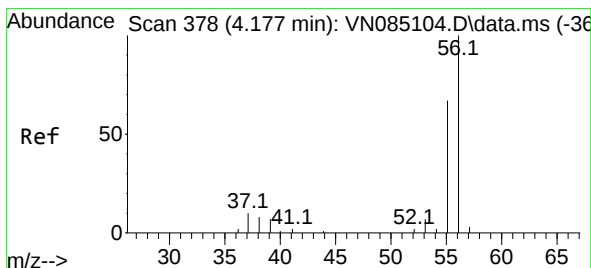
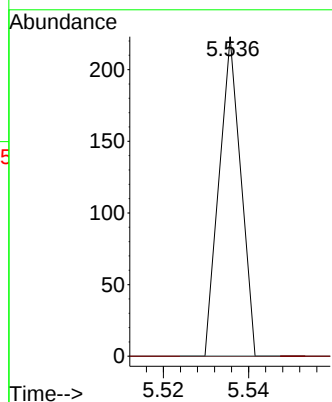


#11
Tert butyl alcohol
Concen: 0.315 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

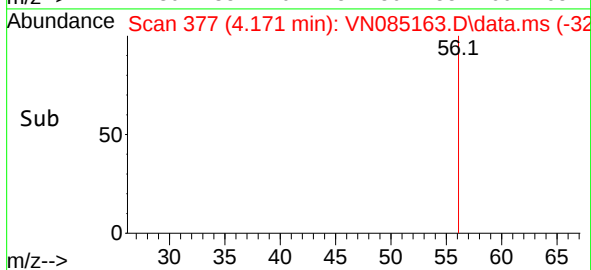
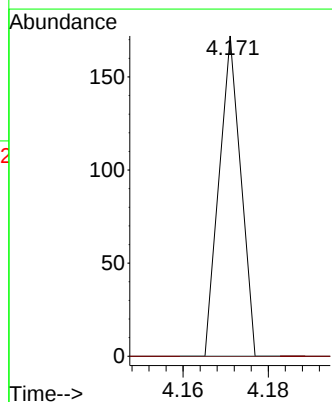
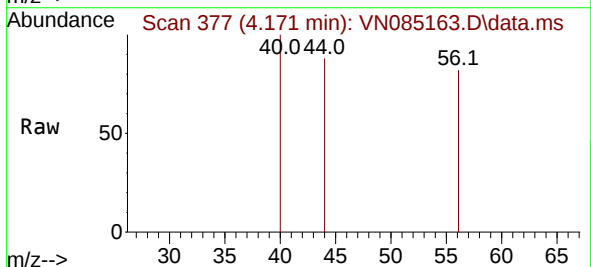


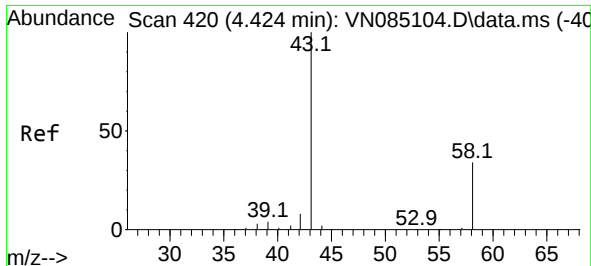
Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#13
Acrolein
Concen: 0.364 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

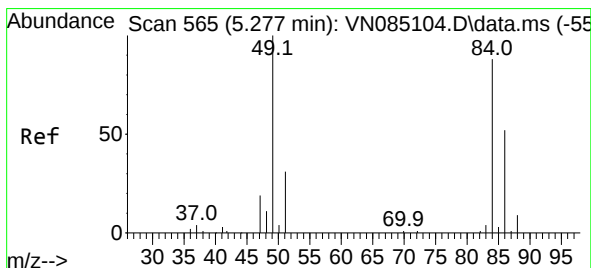
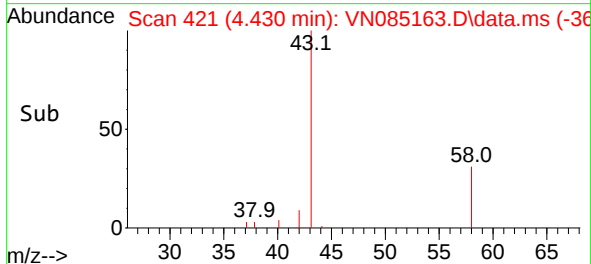
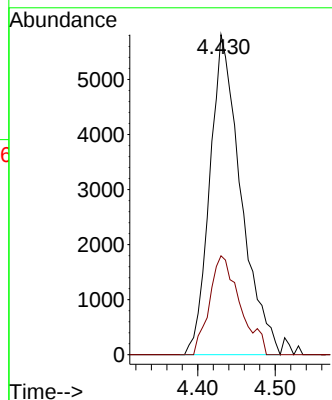
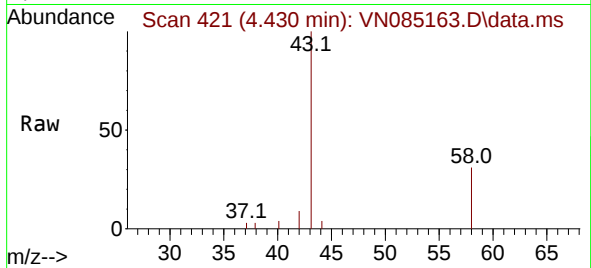




#16
Acetone
Concen: 29.703 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

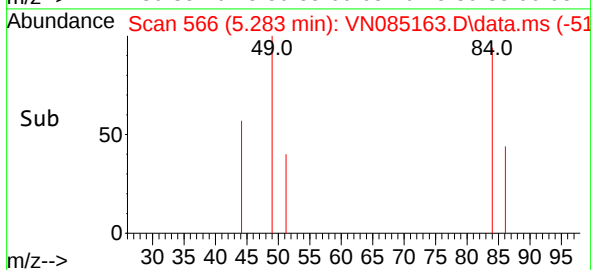
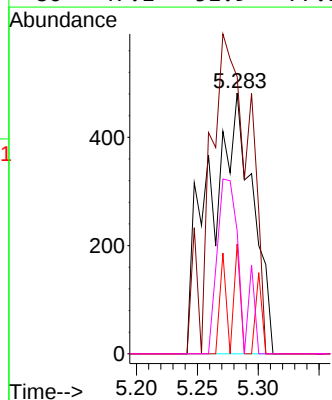
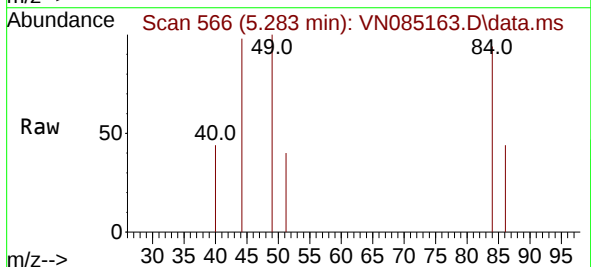
Instrument :
MSVOA_N
ClientSampleId :

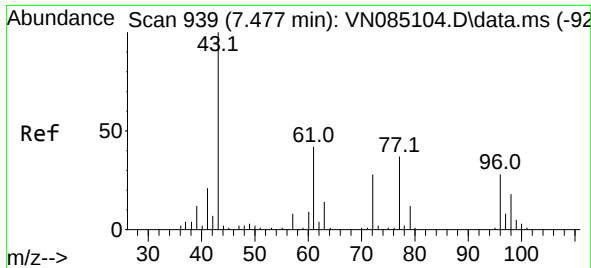
Tgt Ion: 43 Resp: 16244
Ion Ratio Lower Upper
43 100
58 30.9 25.4 38.2



#20
Methylene Chloride
Concen: 0.712 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.018 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Tgt Ion: 84 Resp: 1188
Ion Ratio Lower Upper
84 100
49 106.2 92.7 139.1
51 42.1 29.4 44.2
86 47.1 51.9 77.9#

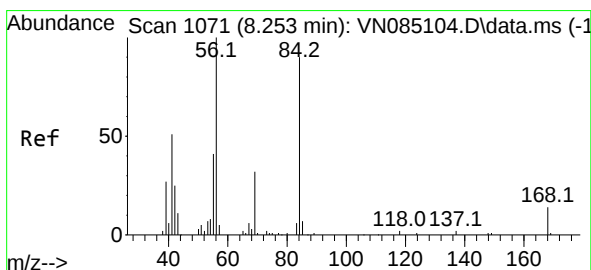
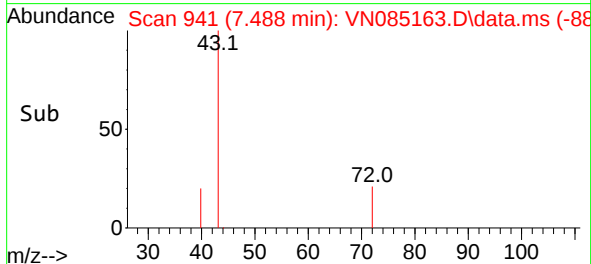
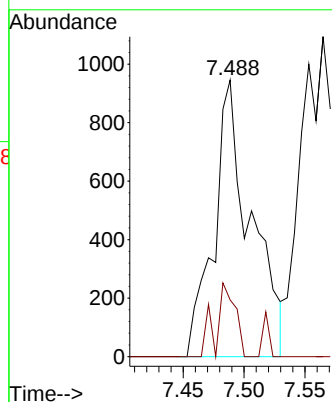
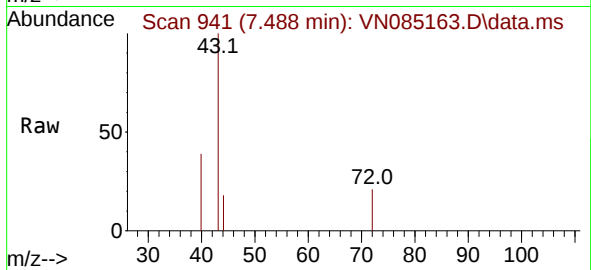




#25
2-Butanone
Concen: 2.218 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

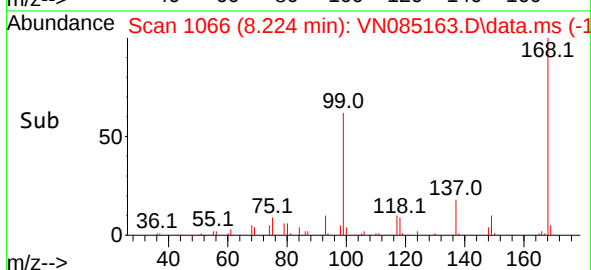
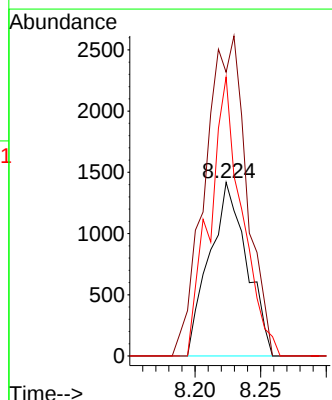
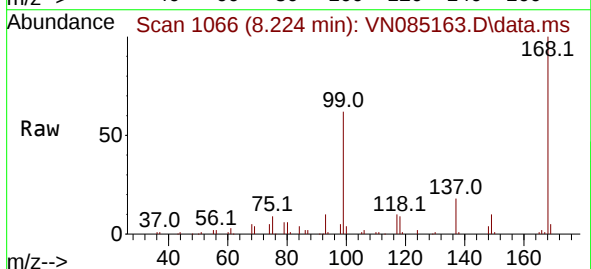
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MSVOA_N
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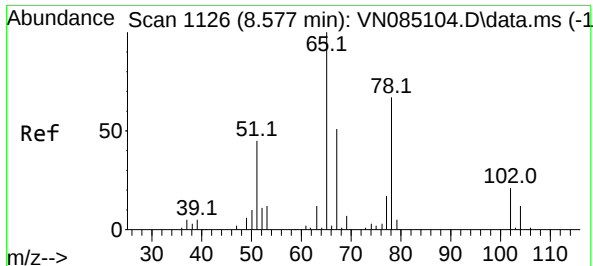
Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
72 20.5 21.4 32.0#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Tgt Ion: 56 Resp: 2808
Ion Ratio Lower Upper
56 100
69 163.5 24.6 36.8#
84 160.7 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 53.573 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

Instrument :

MSVOA_N

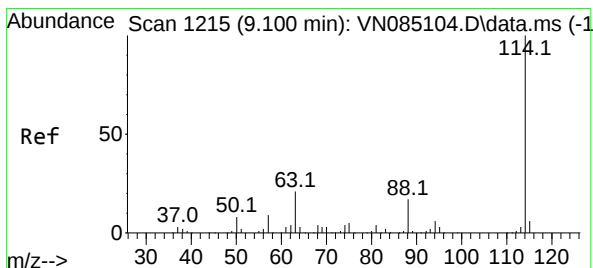
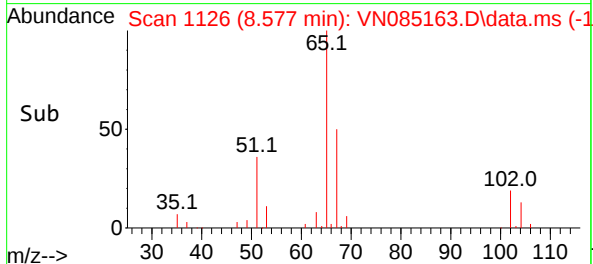
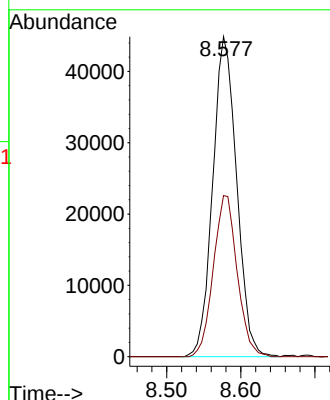
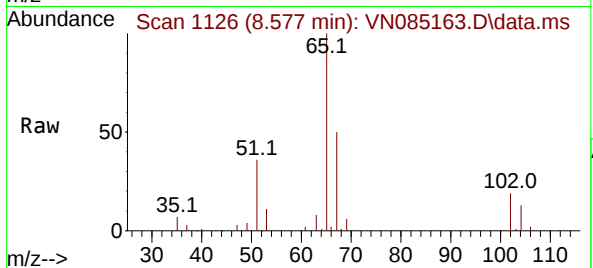
ClientSampleId :

Tgt Ion: 65 Resp: 100596

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

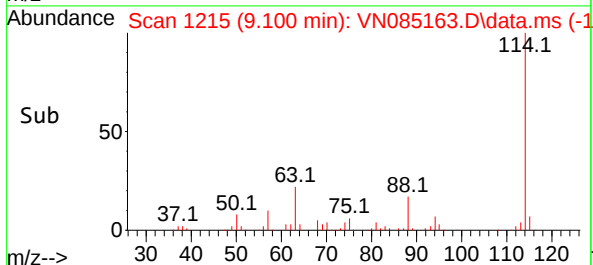
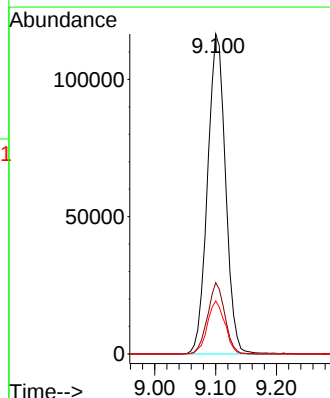
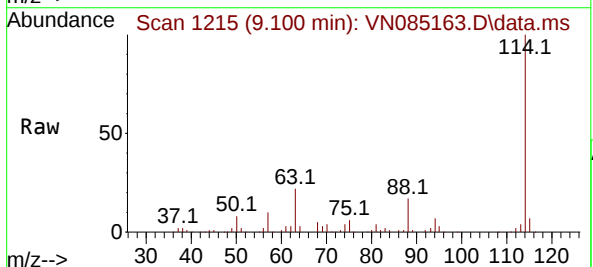
Tgt Ion: 114 Resp: 239458

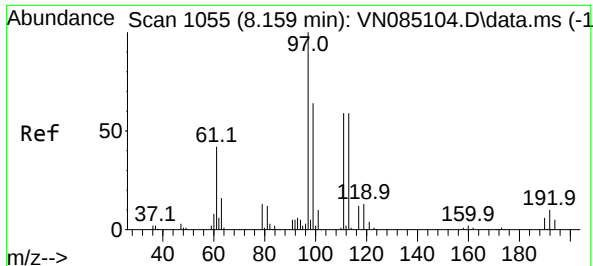
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.0

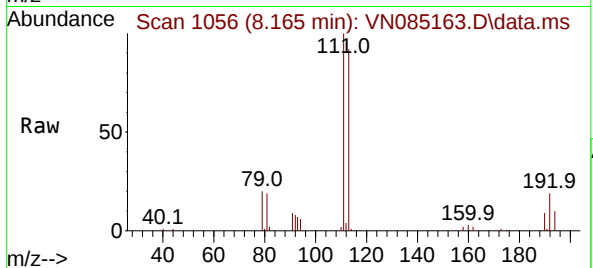
88 16.5 0.0 34.8



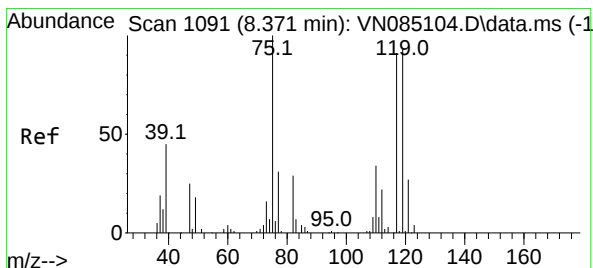
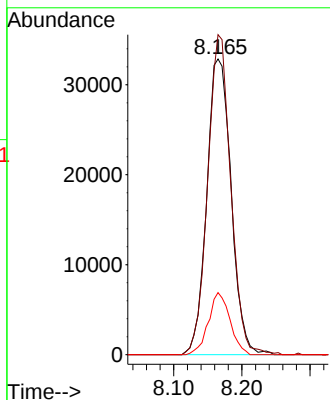
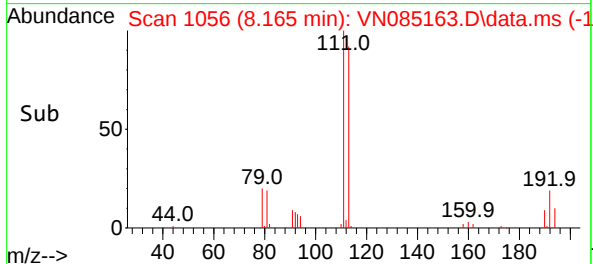


#35
Dibromofluoromethane
Concen: 50.768 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

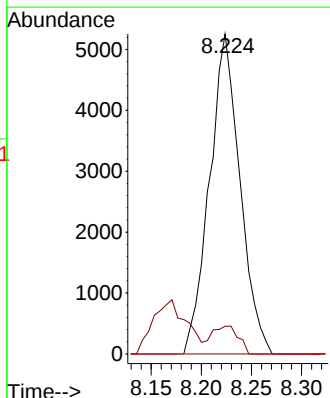
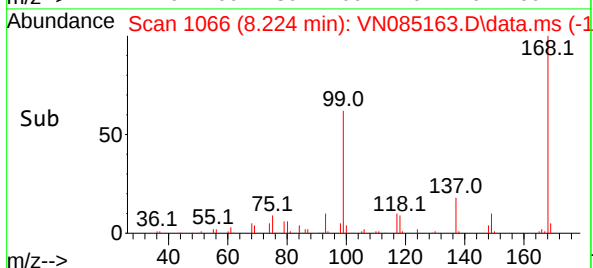
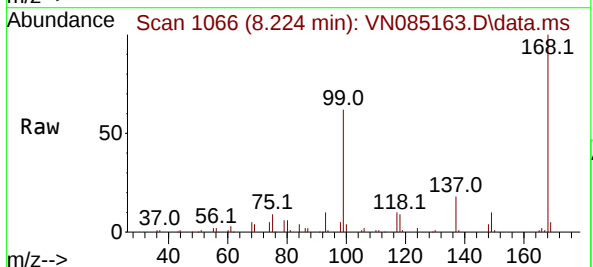


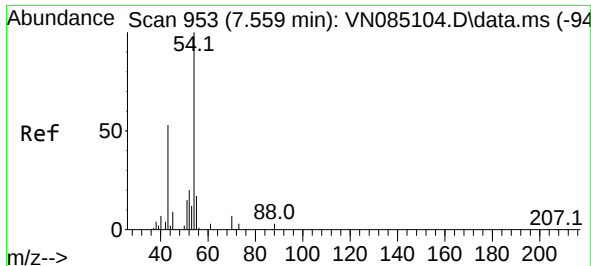
Tgt Ion:113 Resp: 81982
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 18.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

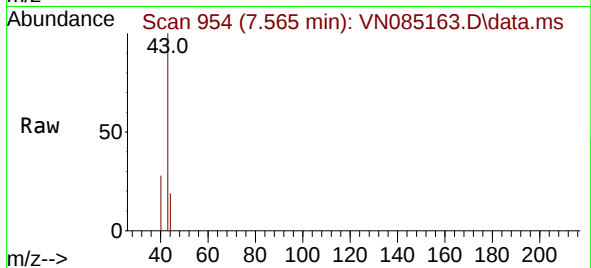
Tgt Ion: 75 Resp: 11102
Ion Ratio Lower Upper
75 100
110 7.7 17.2 51.6#
77 0.0 24.2 36.4#



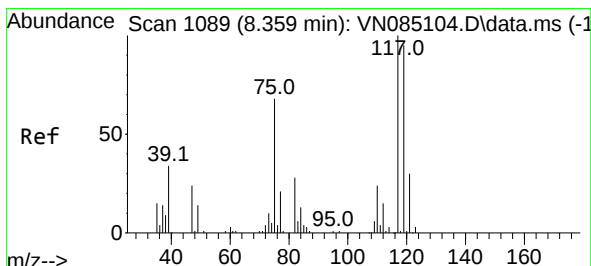
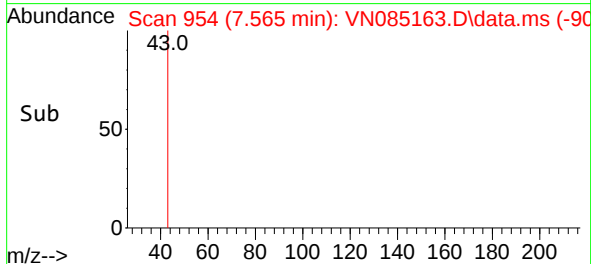
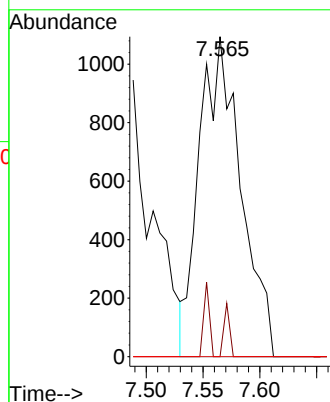


#37
Ethyl Acetate
Concen: 1.392 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

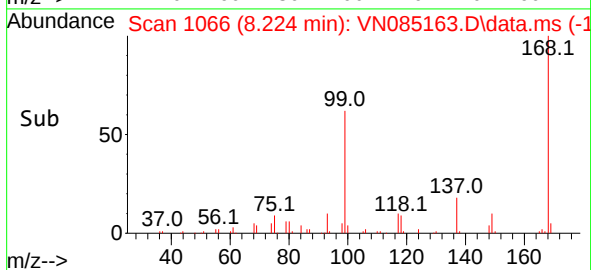
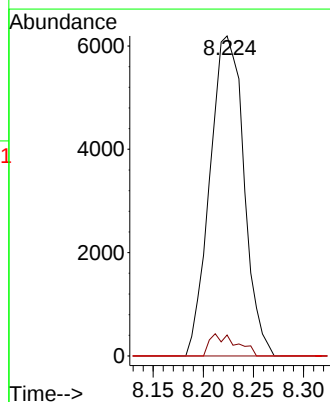
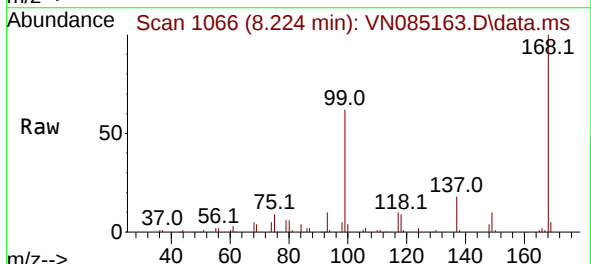


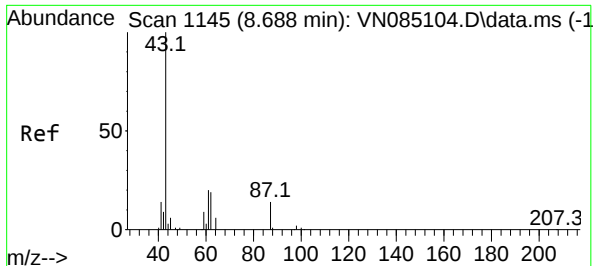
Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
61 2.3 11.7 17.5#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Tgt Ion: 117 Resp: 14593
Ion Ratio Lower Upper
117 100
119 6.6 78.6 117.8#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 36.671 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

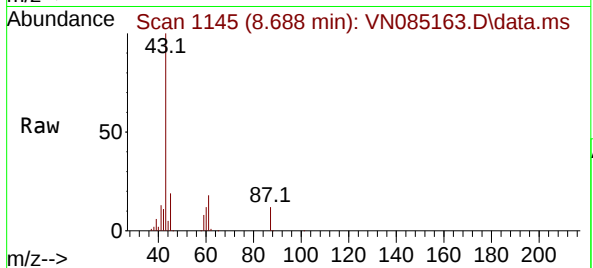
Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

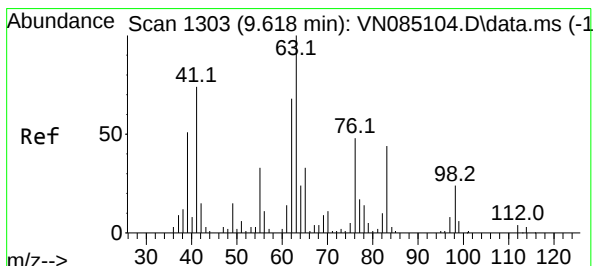
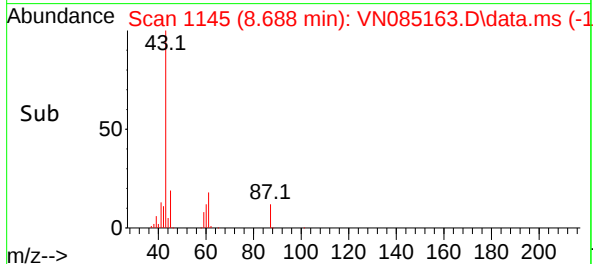
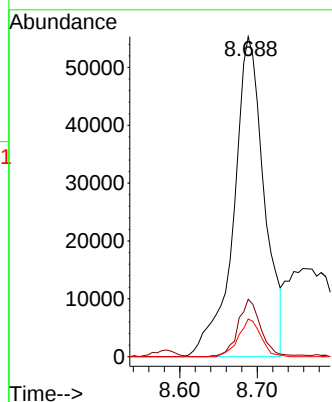
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	151466
Ion Ratio	100	Lower	Upper
61	13.6	20.6	30.8#
87	8.6	11.0	16.4#



#45

1,2-Dichloropropane

Concen: 0.644 ug/l

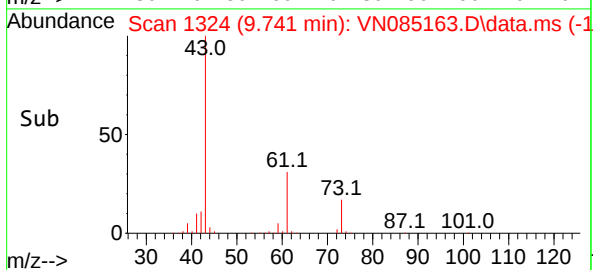
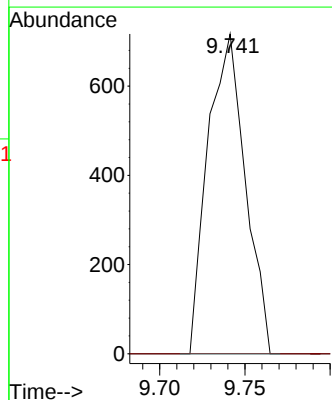
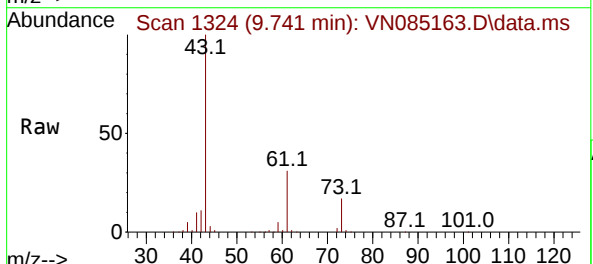
RT: 9.741 min Scan# 1324

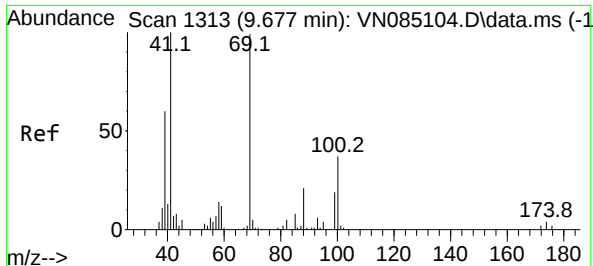
Delta R.T. 0.123 min

Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

Tgt Ion:	63	Resp:	1098
Ion Ratio	100	Lower	Upper
65	0.0	24.0	36.0#





#48

Methyl methacrylate

Concen: 55.010 ug/l

RT: 9.741 min Scan# 1

Delta R.T. 0.065 min

Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

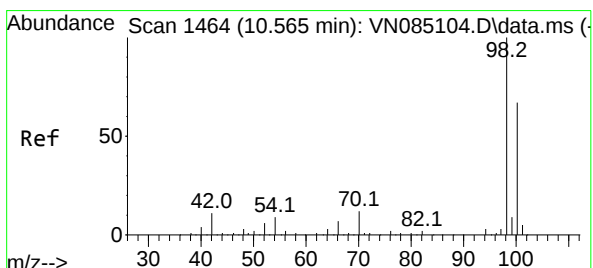
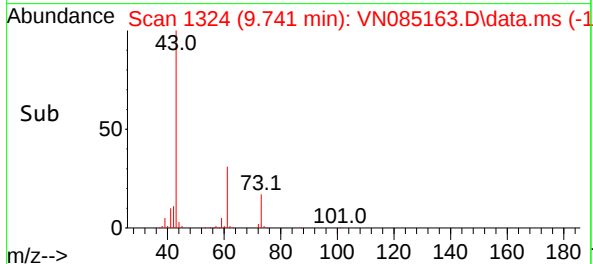
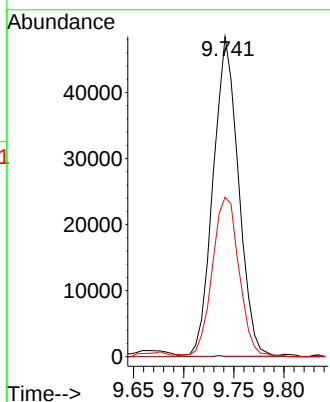
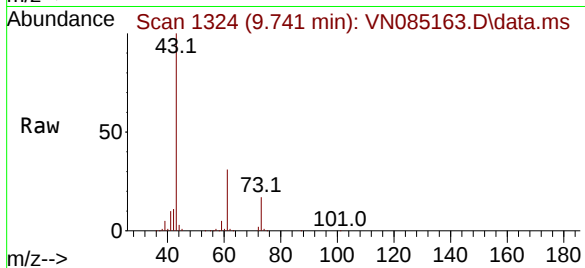
Tgt Ion: 41 Resp: 84551

Ion Ratio Lower Upper

41 100

69 0.1 73.2 109.8#

39 53.0 46.2 69.4



#50

Toluene-d8

Concen: 50.826 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085163.D

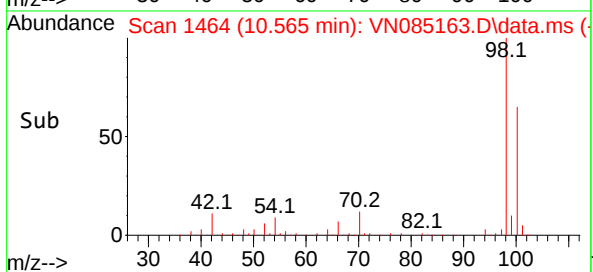
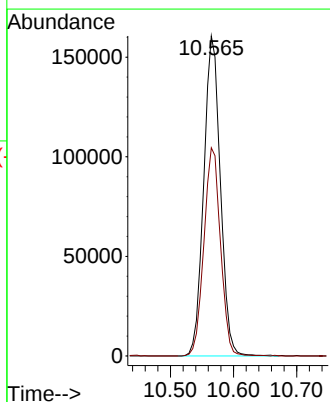
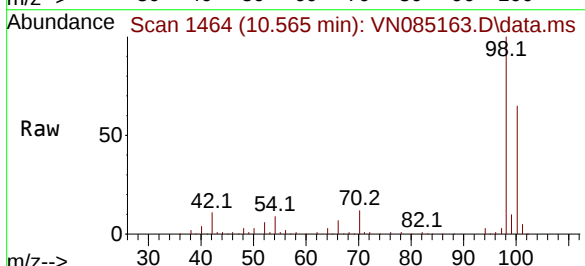
Acq: 10 Dec 2024 13:53

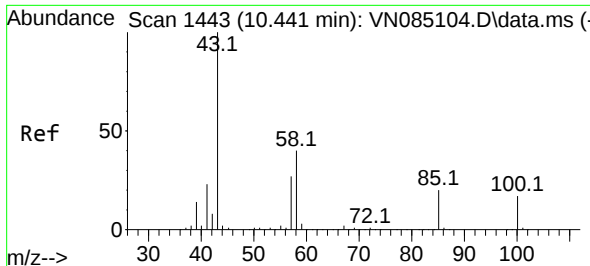
Tgt Ion: 98 Resp: 294136

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7

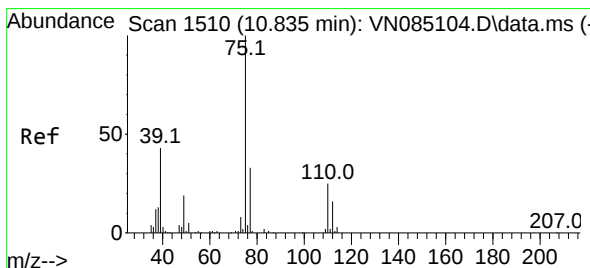
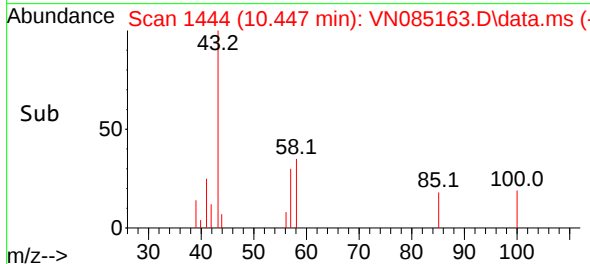
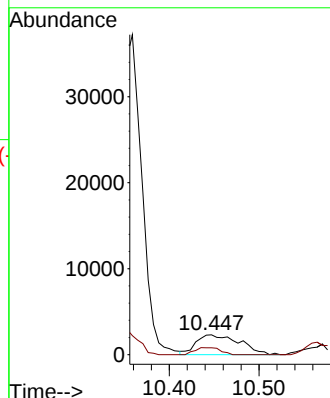
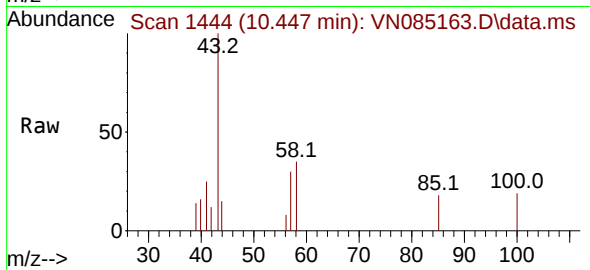




#51
4-Methyl-2-Pentanone
Concen: 4.144 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

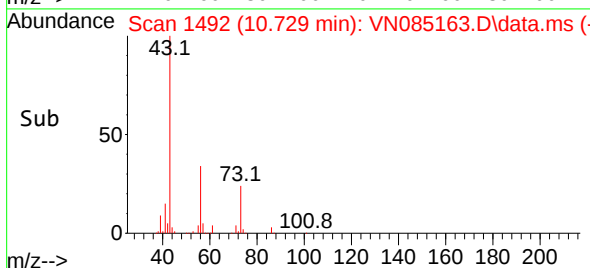
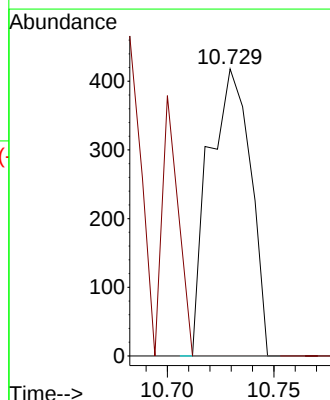
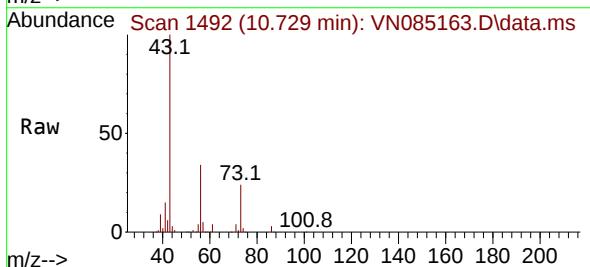
Instrument :
MSVOA_N
ClientSampleId :

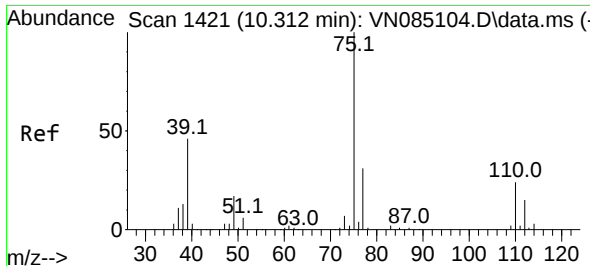
Tgt Ion: 43 Resp: 7817
Ion Ratio Lower Upper
43 100
58 20.7 32.1 48.1#



#53
t-1,3-Dichloropropene
Concen: 0.226 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

Tgt Ion: 75 Resp: 569
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#

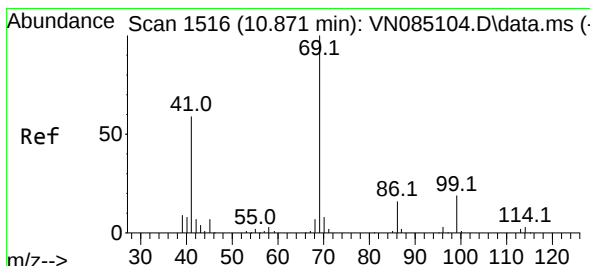
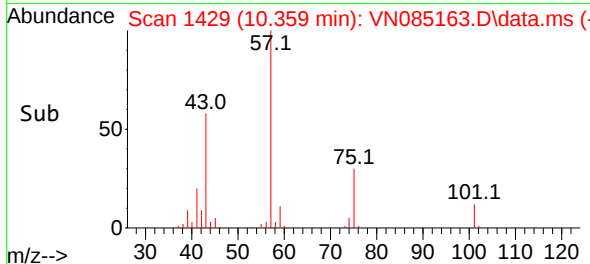
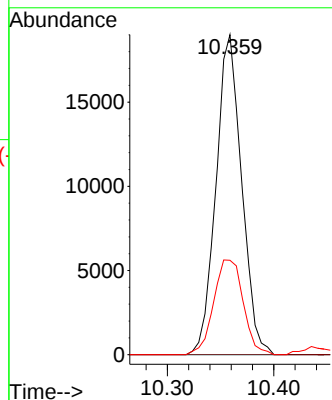
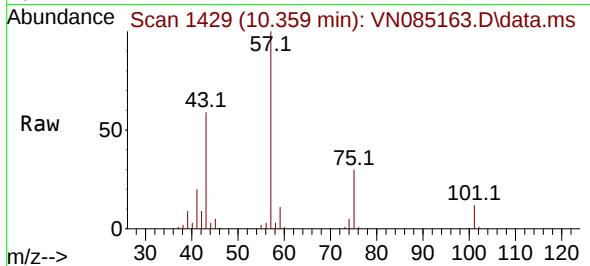




#54
 cis-1,3-Dichloropropene
 Concen: 11.893 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.053 min
 Lab File: VN085163.D
 Acq: 10 Dec 2024 13:53

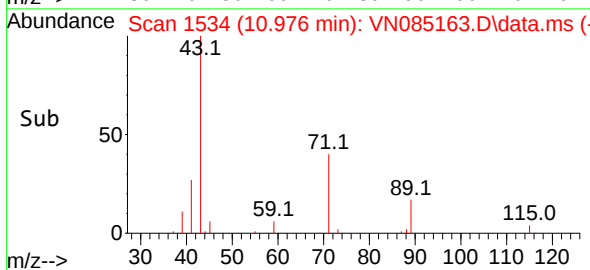
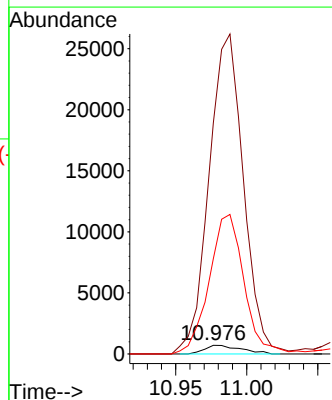
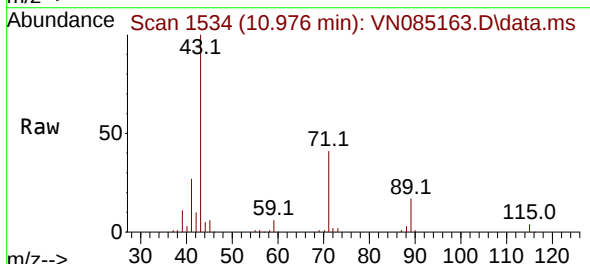
Instrument :
 MSVOA_N
 ClientSampleId :

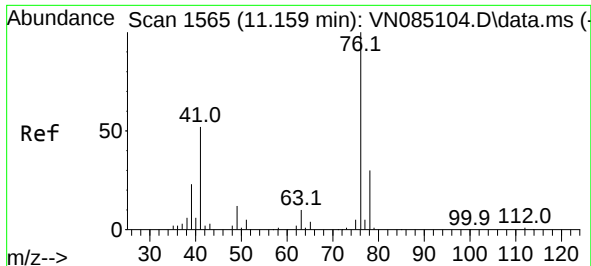
Tgt Ion: 75 Resp: 31741
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 29.5 37.6 56.4#



#56
 Ethyl methacrylate
 Concen: 0.570 ug/l
 RT: 10.976 min Scan# 1534
 Delta R.T. 0.106 min
 Lab File: VN085163.D
 Acq: 10 Dec 2024 13:53

Tgt Ion: 69 Resp: 1270
 Ion Ratio Lower Upper
 69 100
 41 3475.0 50.0 75.0#
 39 1536.3 27.0 40.6#





#57

1,3-Dichloropropane

Concen: 1.548 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

Instrument :

MSVOA_N

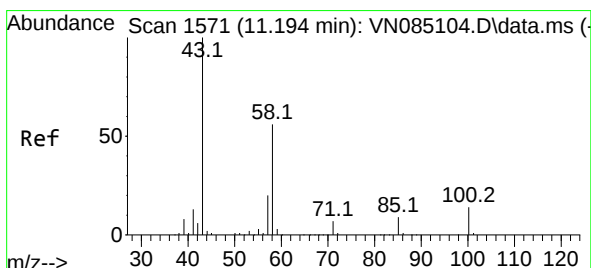
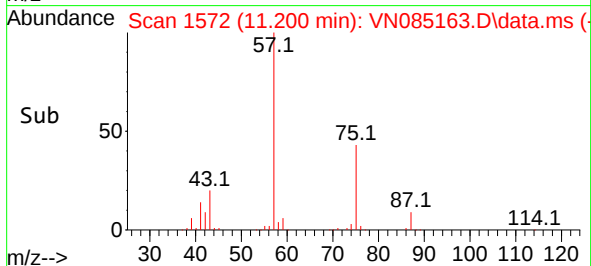
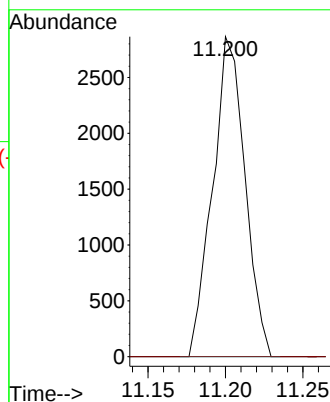
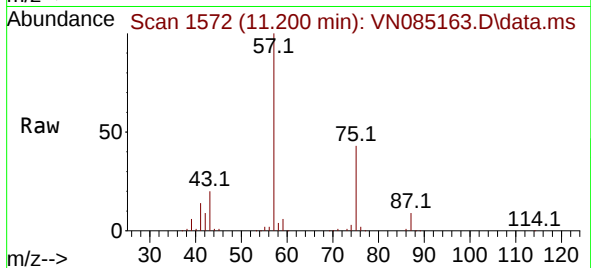
ClientSampleId :

Tgt Ion: 76 Resp: 4156

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 37.301 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN085163.D

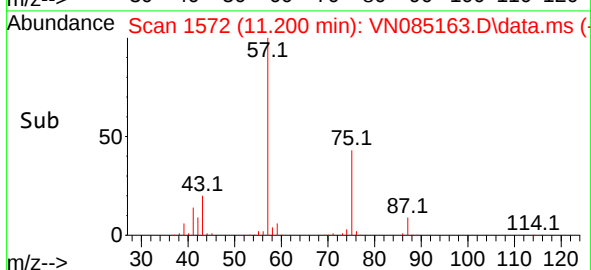
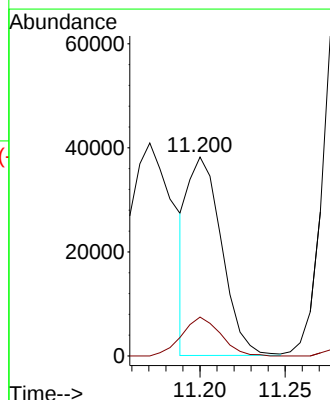
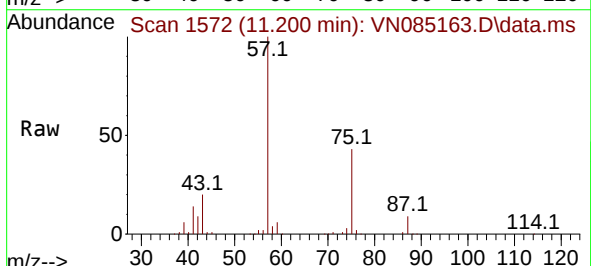
Acq: 10 Dec 2024 13:53

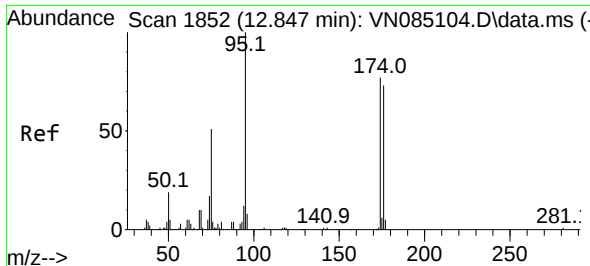
Tgt Ion: 43 Resp: 52631

Ion Ratio Lower Upper

43 100

58 22.4 28.3 85.0#

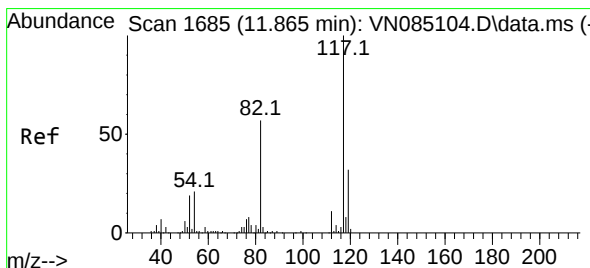
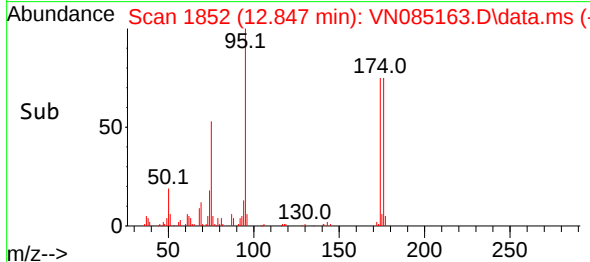
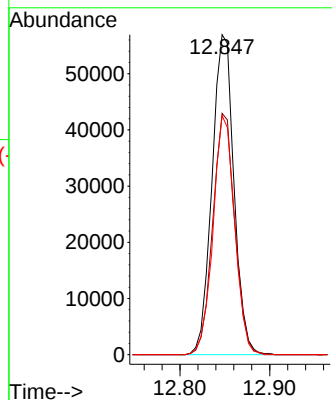
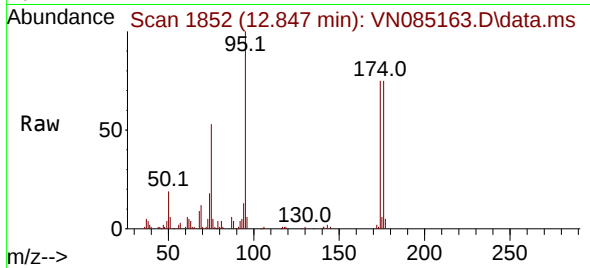




#62
4-Bromofluorobenzene
Concen: 44.648 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

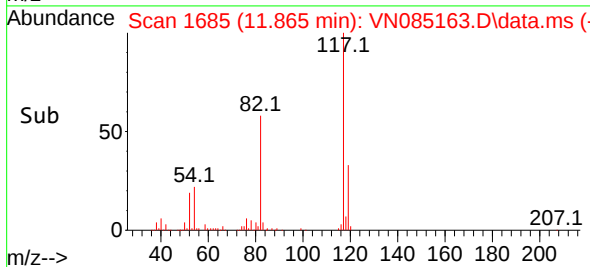
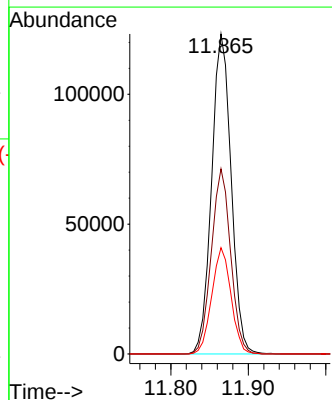
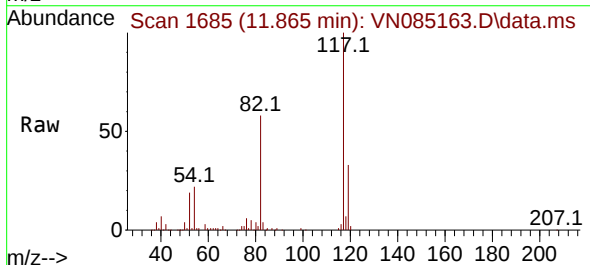
Instrument :
MSVOA_N
ClientSampleId :

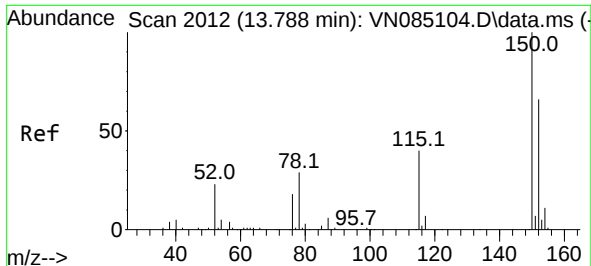
Tgt Ion: 95 Resp: 96627
Ion Ratio Lower Upper
95 100
174 75.8 0.0 146.6
176 73.5 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

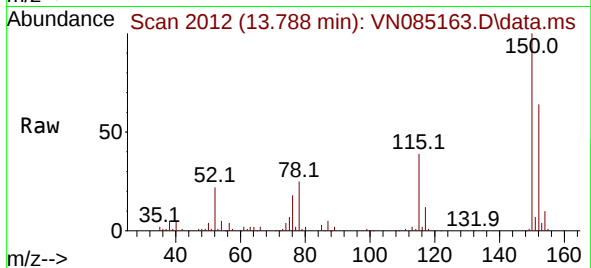
Tgt Ion: 117 Resp: 215648
Ion Ratio Lower Upper
117 100
82 57.9 46.0 69.0
119 33.2 25.6 38.4



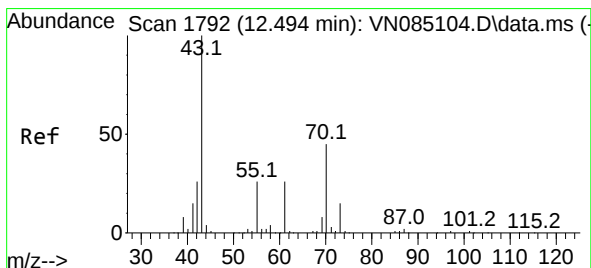
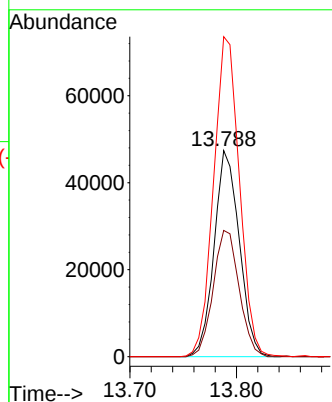
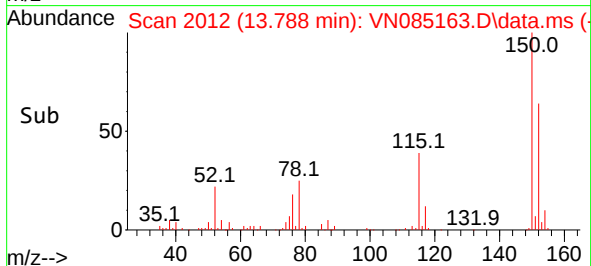


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53

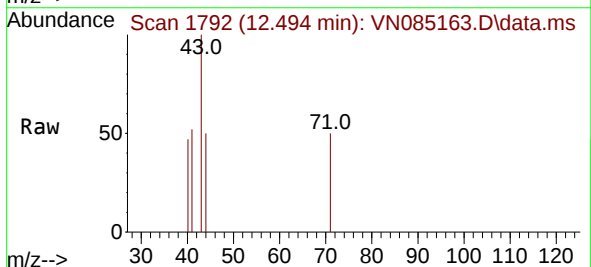
Instrument :
MSVOA_N
ClientSampleId :



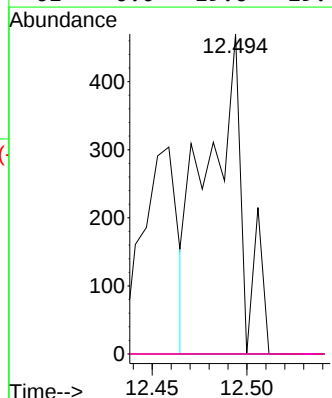
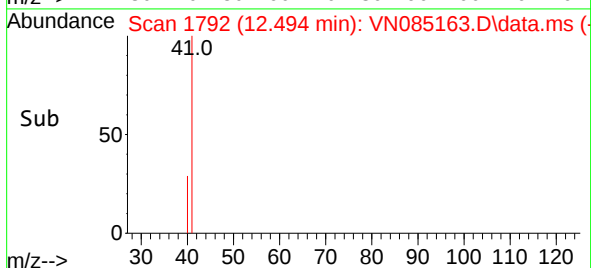
Tgt Ion:152 Resp: 77559
Ion Ratio Lower Upper
152 100
115 63.2 31.7 95.1
150 159.8 0.0 351.4

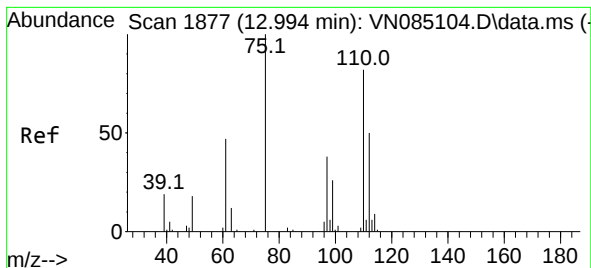


#74
N-ethyl acetate
Concen: 0.282 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085163.D
Acq: 10 Dec 2024 13:53



Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
70 0.0 34.6 51.8#
55 0.0 20.5 30.7#
61 0.0 19.6 29.4#





#76

1,2,3-Trichloropropane

Concen: 35.806 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

Instrument :

MSVOA_N

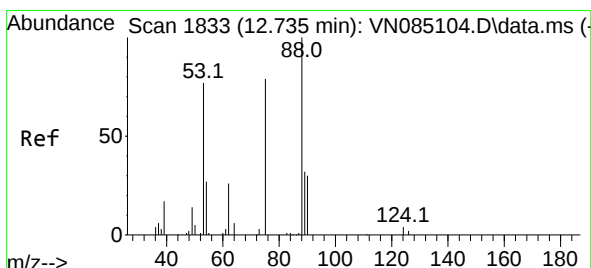
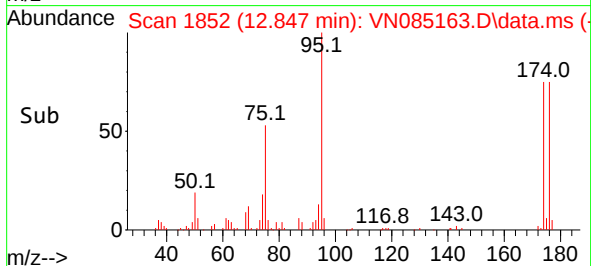
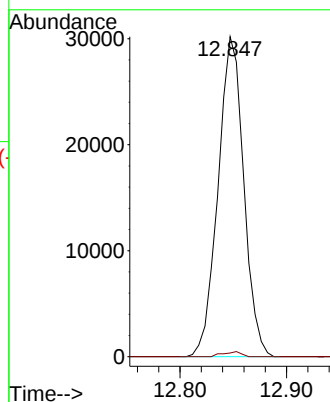
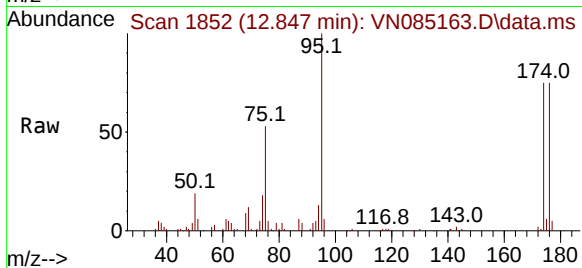
ClientSampleId :

Tgt Ion: 75 Resp: 50513

Ion Ratio Lower Upper

75 100

77 1.1 109.1 327.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.044 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN085163.D

Acq: 10 Dec 2024 13:53

Tgt Ion: 75 Resp: 50513

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

89 0.0 37.9 56.9#

