

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083458.D
 Acq On : 23 Aug 2024 14:12
 Operator : JC\MD
 Sample : P3689-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 00:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

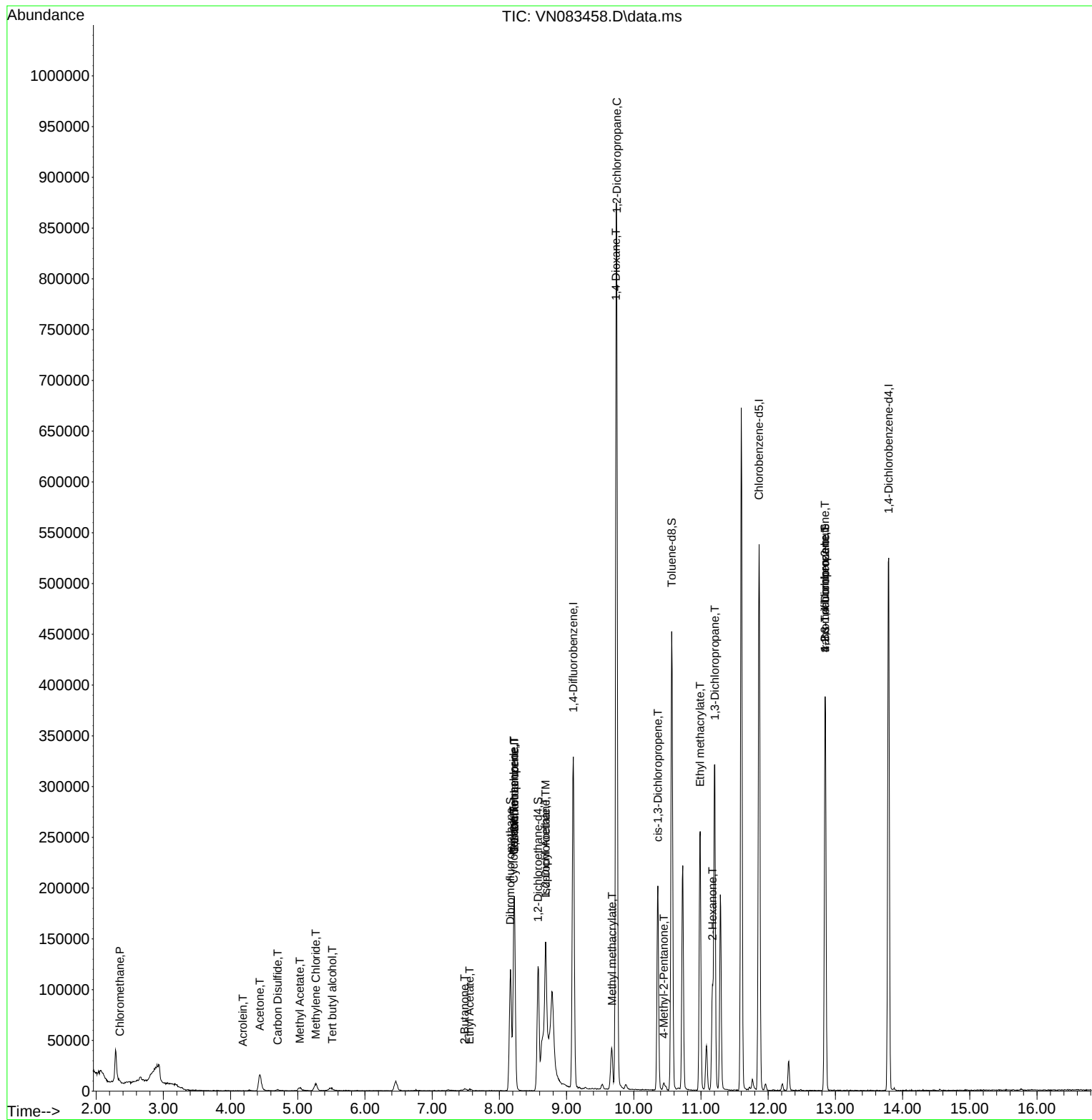
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	134023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104082	54.560	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.120%			
35) Dibromofluoromethane	8.165	113	82366	48.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	10.565	98	306069	48.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.300%			
62) 4-Bromofluorobenzene	12.847	95	138597	55.933	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.860%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	450	0.289	ug/l #	43
11) Tert butyl alcohol	5.512	59	3217	8.115	ug/l #	71
13) Acrolein	4.183	56	66	0.255	ug/l #	14
16) Acetone	4.436	43	29992	40.179	ug/l	95
17) Carbon Disulfide	4.700	76	2348	0.540	ug/l #	75
18) Methyl Acetate	5.030	43	7107	3.196	ug/l #	77
20) Methylene Chloride	5.271	84	5289	3.079	ug/l #	77
25) 2-Butanone	7.483	43	3505	3.058	ug/l	94
31) Cyclohexane	8.212	56	3600	1.273	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	12165	4.720	ug/l #	51
37) Ethyl Acetate	7.559	43	3084	1.069	ug/l #	76
38) Carbon Tetrachloride	8.218	117	15305	5.272	ug/l #	17
42) 1,2-Dichloroethane	8.688	62	896	0.320	ug/l #	78
43) Isopropyl Acetate	8.688	43	234231	46.574	ug/l #	79
45) 1,2-Dichloropropane	9.747	63	993	0.545	ug/l #	44
48) Methyl methacrylate	9.677	41	2880	1.207	ug/l #	50
49) 1,4-Dioxane	9.735	88	67	1.557	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	4443	1.628	ug/l #	85
54) cis-1,3-Dichloropropene	10.359	75	35117	10.972	ug/l #	55
56) Ethyl methacrylate	10.988	69	858	0.262	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3424	1.105	ug/l #	43
59) 2-Hexanone	11.171	43	82399	39.027	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	76815	25.417	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76815	55.288	ug/l #	6

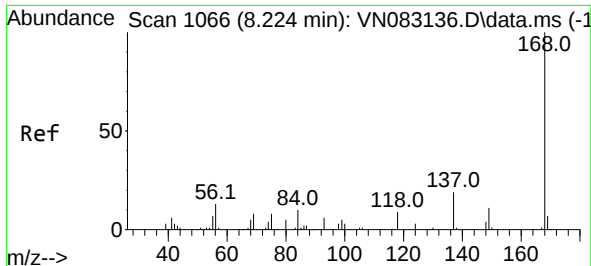
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

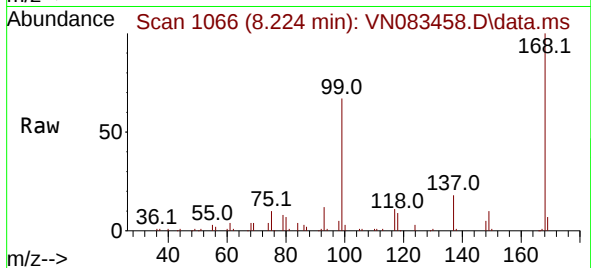
Quant Time: Aug 24 00:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
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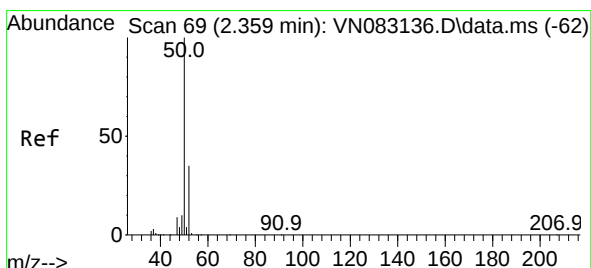
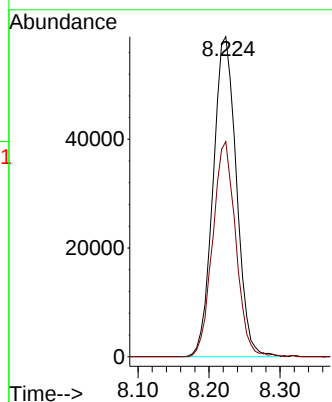
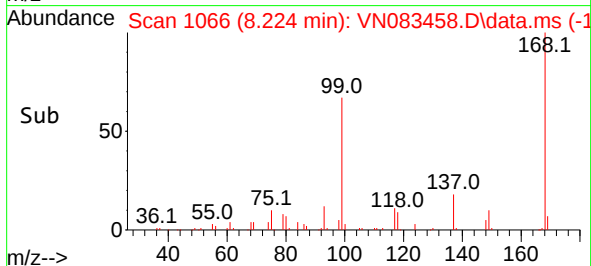


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

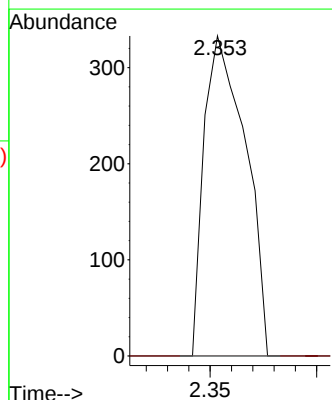
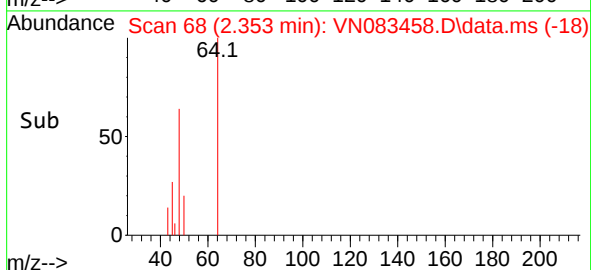
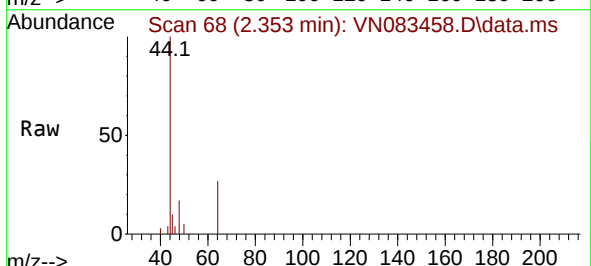


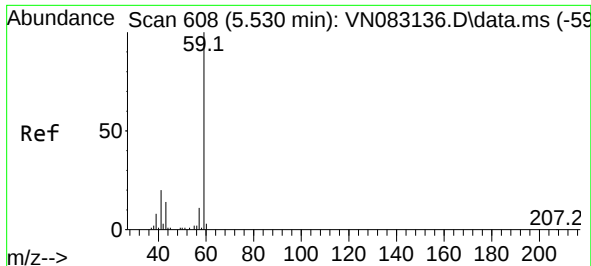
Tgt Ion:168 Resp: 134023
Ion Ratio Lower Upper
168 100
99 67.2 48.2 72.4



#3
Chloromethane
Concen: 0.289 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

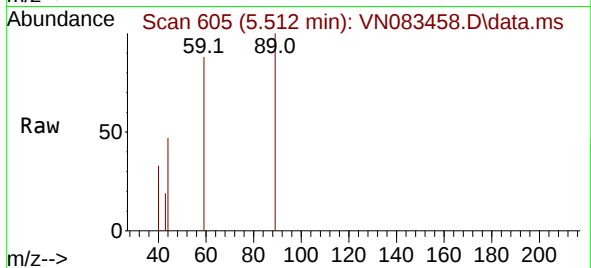
Tgt Ion: 50 Resp: 450
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



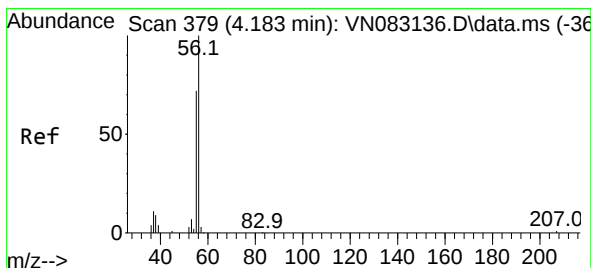
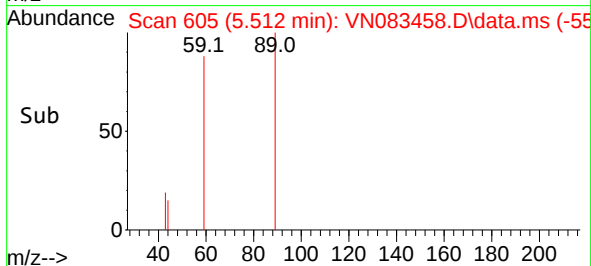
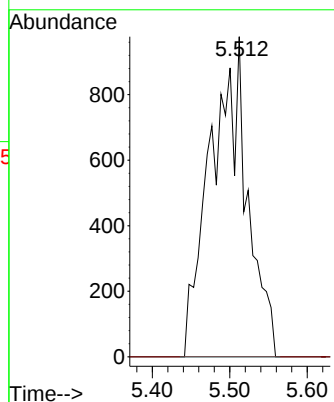


#11
Tert butyl alcohol
Concen: 8.115 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

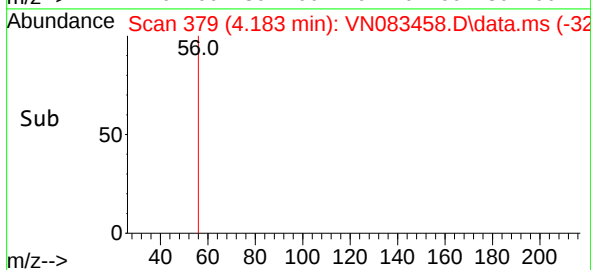
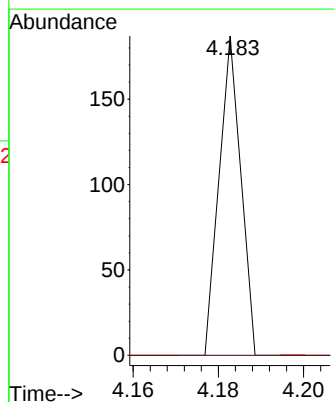
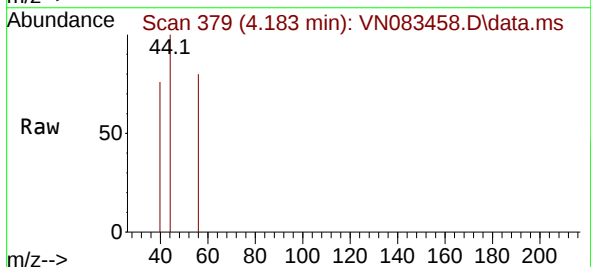


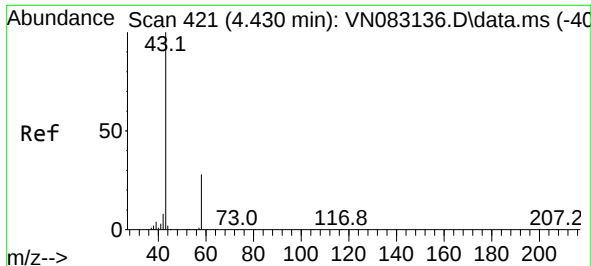
Tgt Ion: 59 Resp: 3217
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.255 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

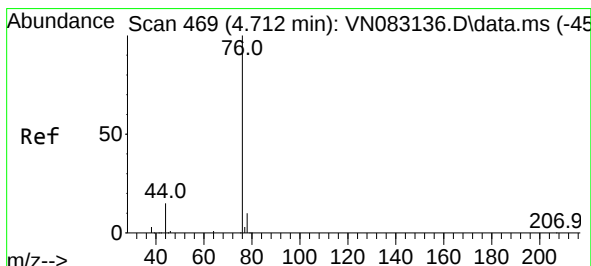
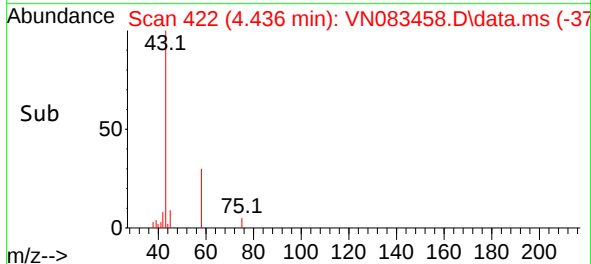
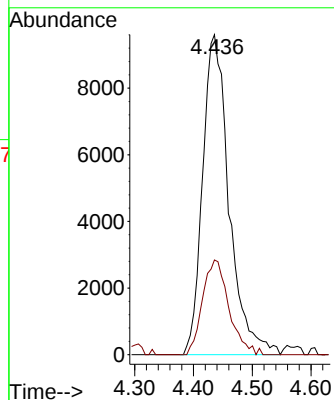
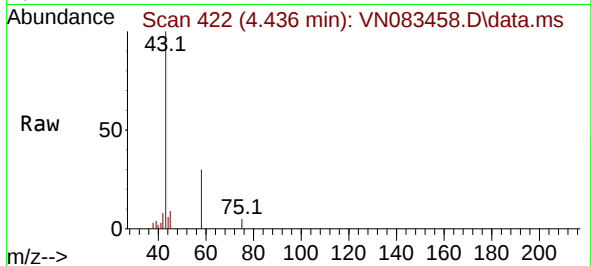




#16
Acetone
Concen: 40.179 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

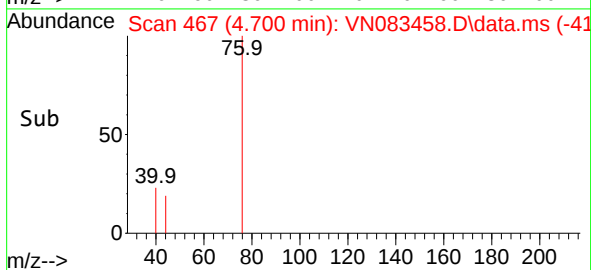
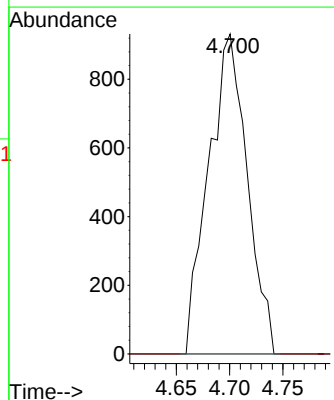
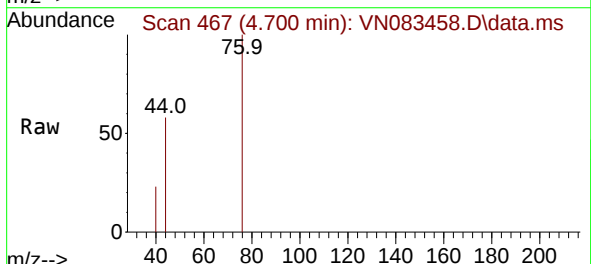
Instrument :
MSVOA_N
ClientSampleId :

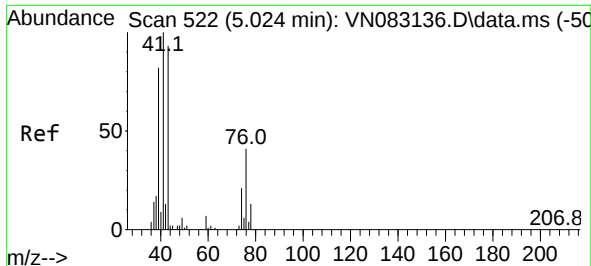
Tgt Ion: 43 Resp: 29992
Ion Ratio Lower Upper
43 100
58 29.6 21.8 32.6



#17
Carbon Disulfide
Concen: 0.540 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

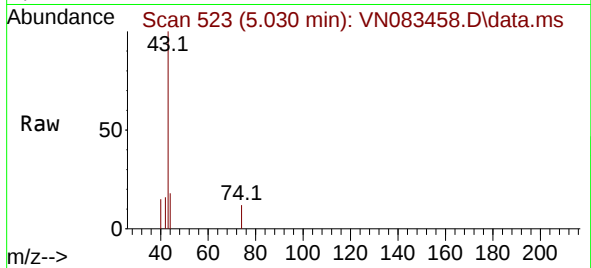
Tgt Ion: 76 Resp: 2348
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



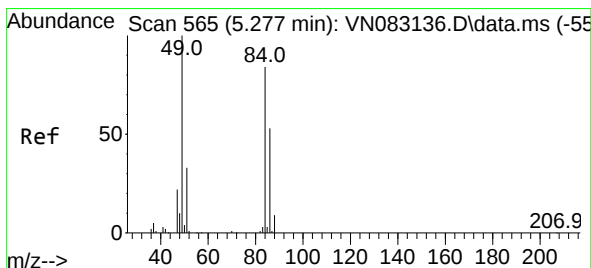
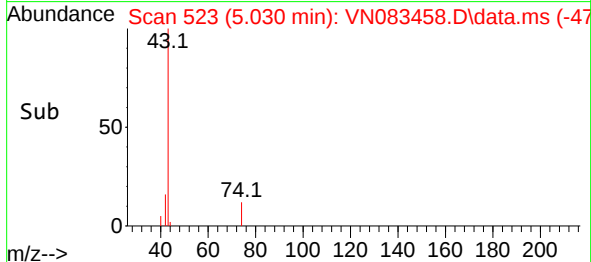
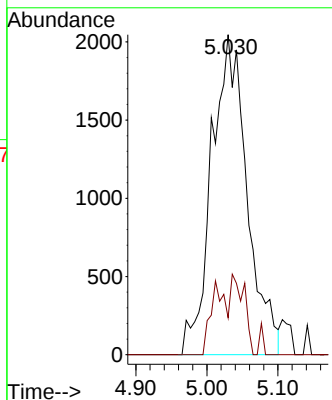


#18
Methyl Acetate
Concen: 3.196 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

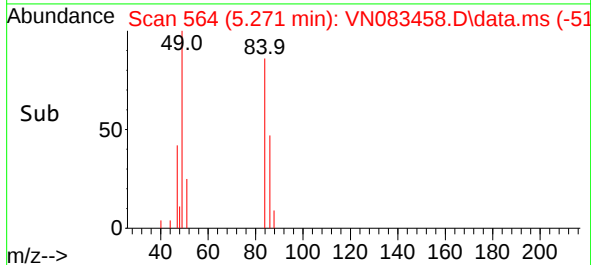
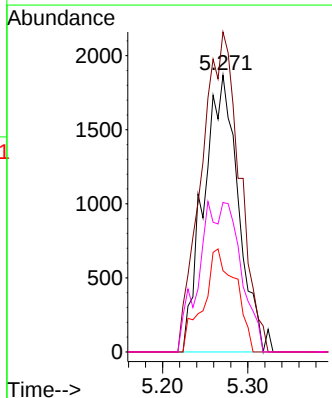
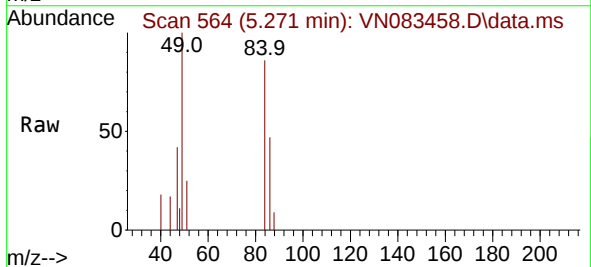


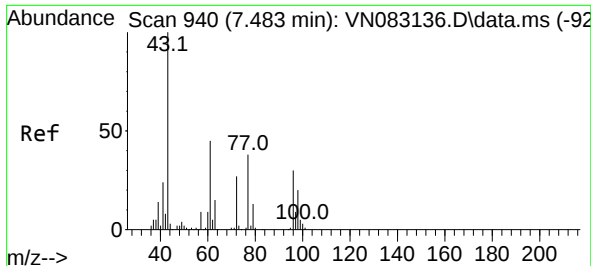
Tgt Ion: 43 Resp: 7107
Ion Ratio Lower Upper
43 100
74 9.6 16.3 24.5#



#20
Methylene Chloride
Concen: 3.079 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion: 84 Resp: 5289
Ion Ratio Lower Upper
84 100
49 115.6 119.6 179.4#
51 29.4 34.8 52.2#
86 54.0 52.9 79.3

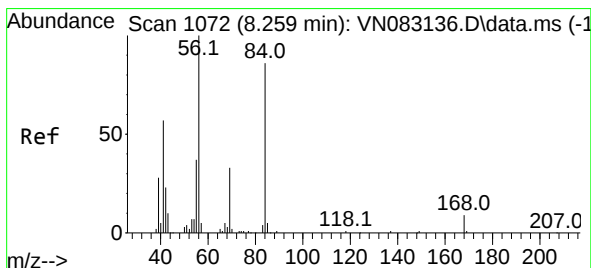
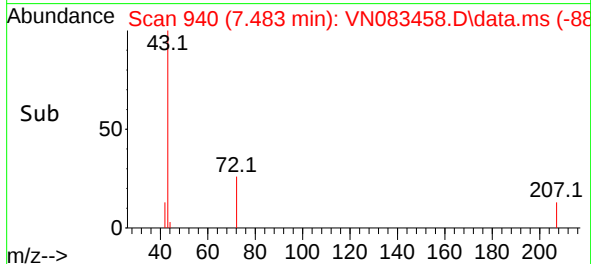
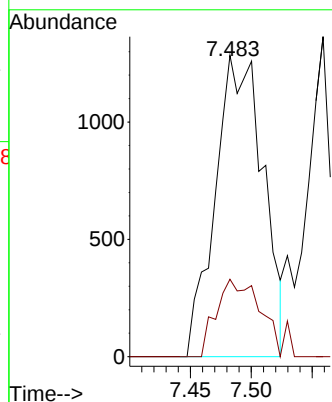
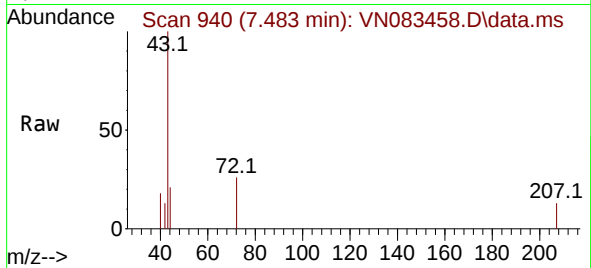




#25
2-Butanone
Concen: 3.058 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

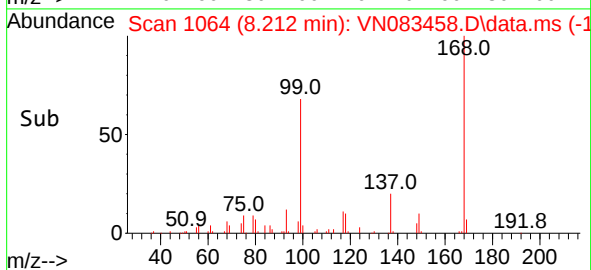
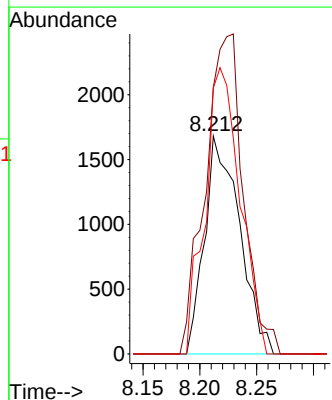
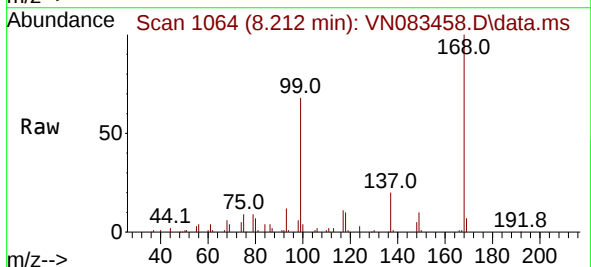
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MSVOA_N
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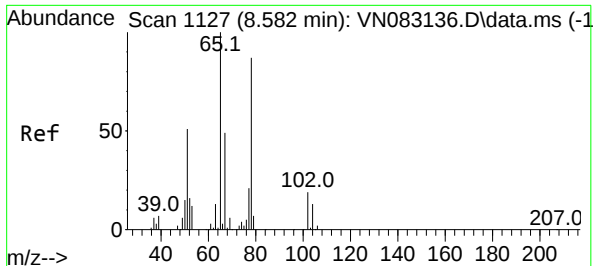
Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
72 25.7 18.2 27.2



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion: 56 Resp: 3600
Ion Ratio Lower Upper
56 100
69 122.3 24.5 36.7#
84 122.0 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 54.560 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083458.D

Acq: 23 Aug 2024 14:12

Instrument :

MSVOA_N

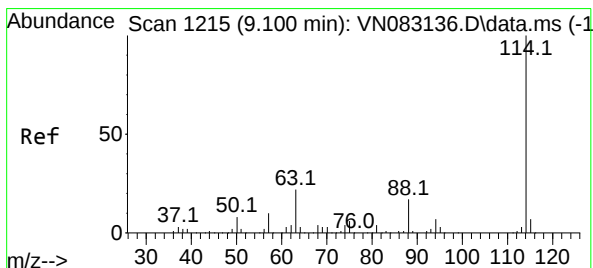
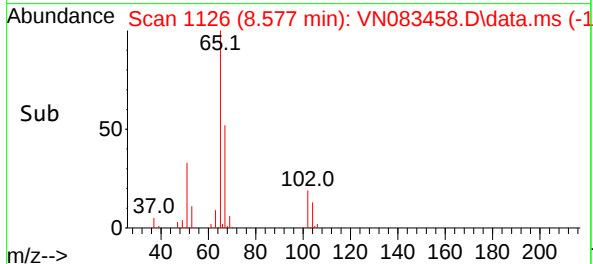
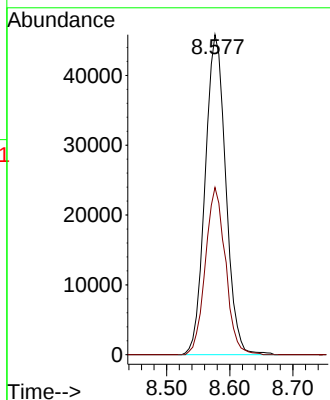
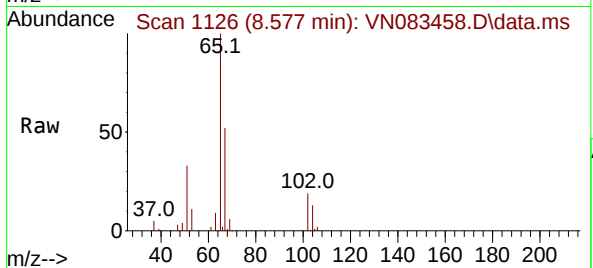
ClientSampleId :

Tgt Ion: 65 Resp: 104082

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083458.D

Acq: 23 Aug 2024 14:12

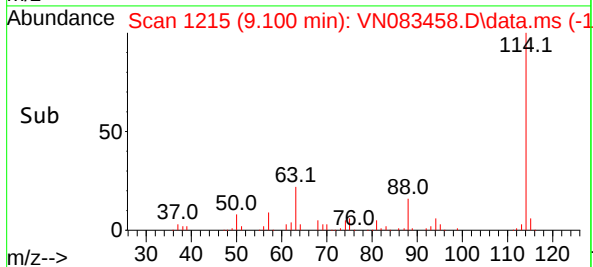
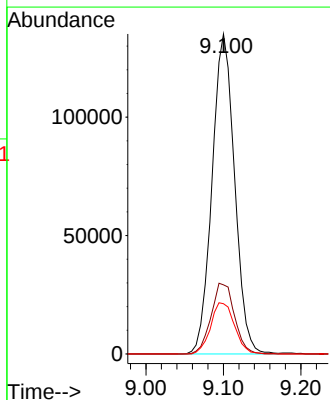
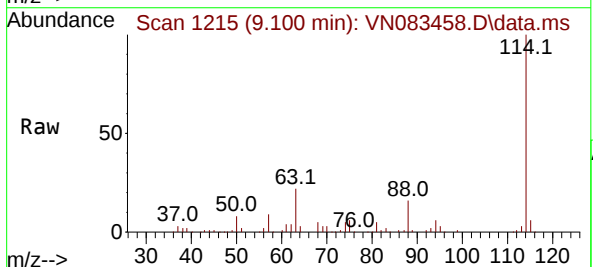
Tgt Ion: 114 Resp: 272983

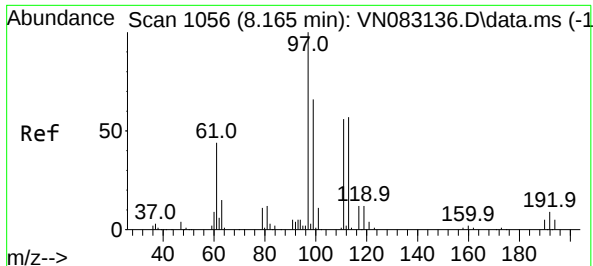
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 15.7 0.0 31.4

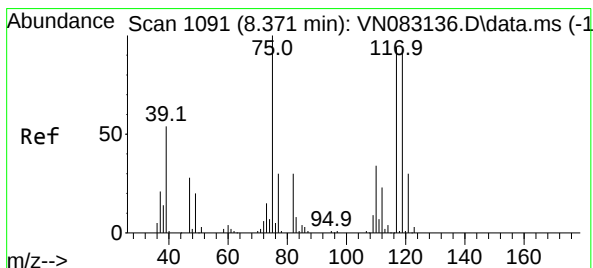
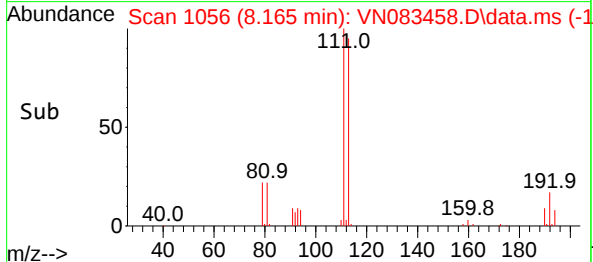
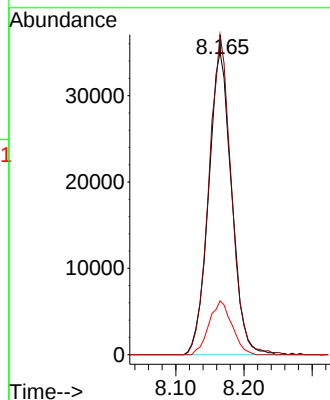
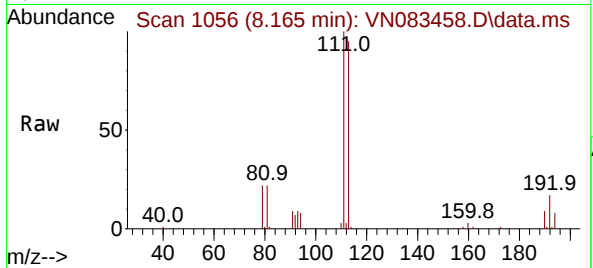




#35
Dibromofluoromethane
Concen: 48.340 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

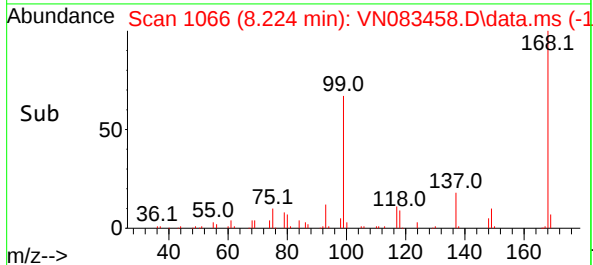
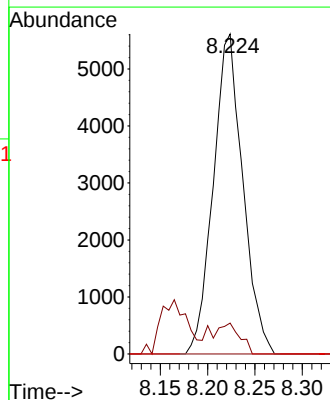
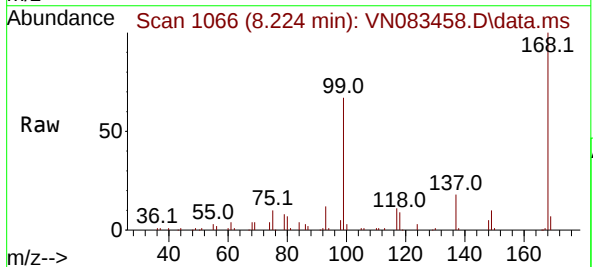
Instrument :
MSVOA_N
ClientSampleId :

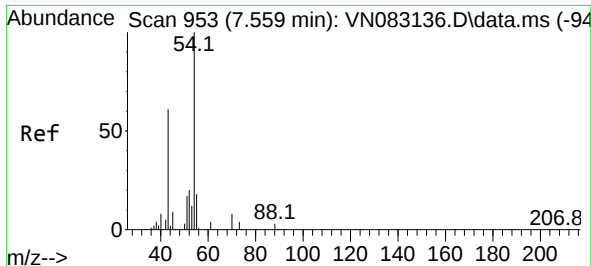
Tgt Ion:113 Resp: 82366
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion: 75 Resp: 12165
Ion Ratio Lower Upper
75 100
110 9.1 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.069 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

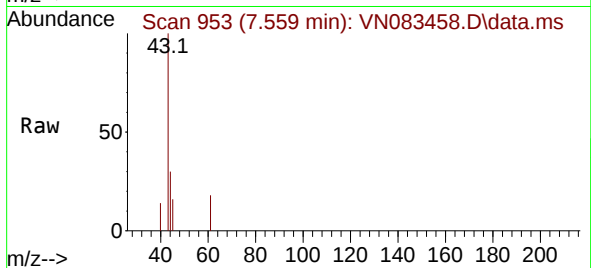
Lab File: VN083458.D

Acq: 23 Aug 2024 14:12

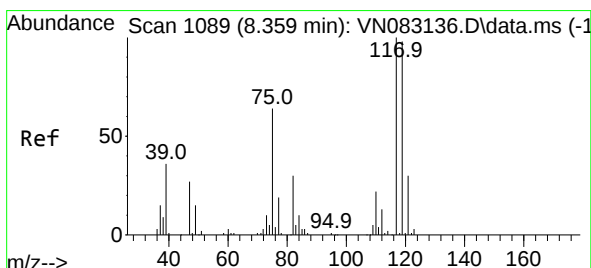
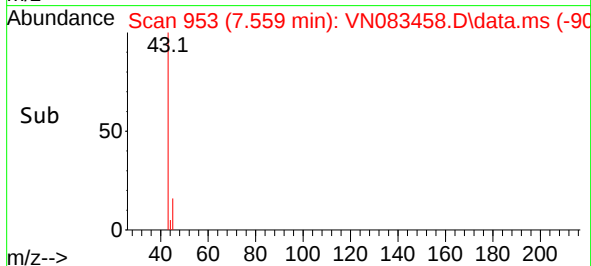
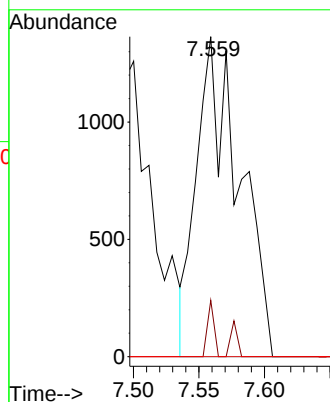
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	3084
Ion	Ratio	Lower	Upper
43	100		
61	2.8	9.3	13.9#
70	0.0	7.0	10.6#



#38

Carbon Tetrachloride

Concen: 5.272 ug/l

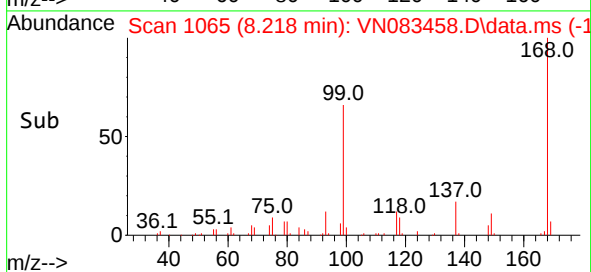
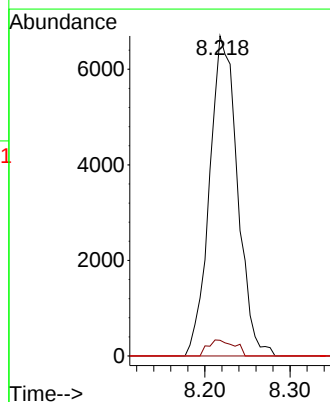
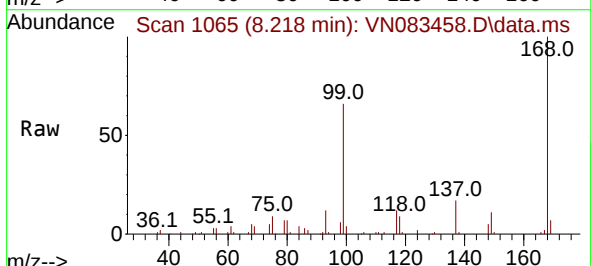
RT: 8.218 min Scan# 1065

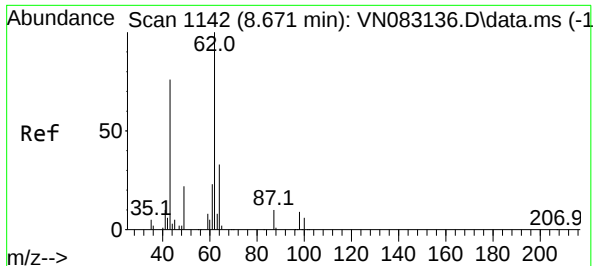
Delta R.T. -0.141 min

Lab File: VN083458.D

Acq: 23 Aug 2024 14:12

Tgt Ion:	117	Resp:	15305
Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.9	112.3#
121	0.0	24.3	36.5#





#42

1,2-Dichloroethane

Concen: 0.320 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN083458.D

Acq: 23 Aug 2024 14:12

Instrument :

MSVOA_N

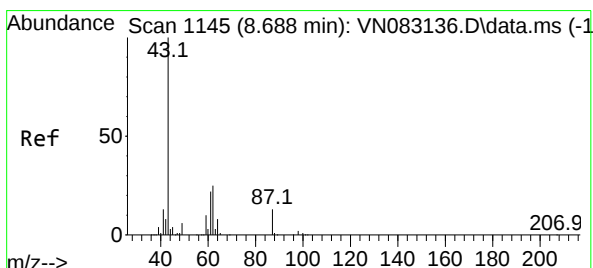
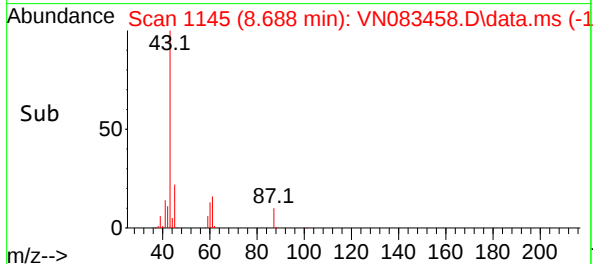
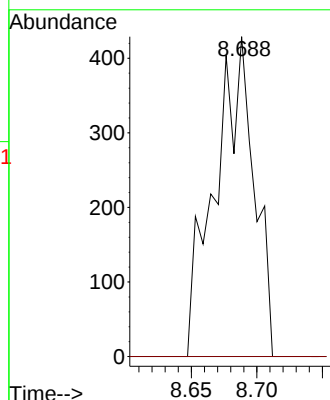
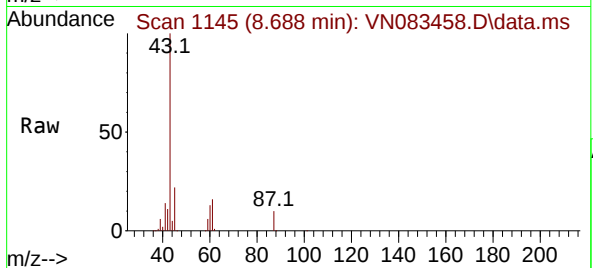
ClientSampleId :

Tgt Ion: 62 Resp: 896

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 46.574 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083458.D

Acq: 23 Aug 2024 14:12

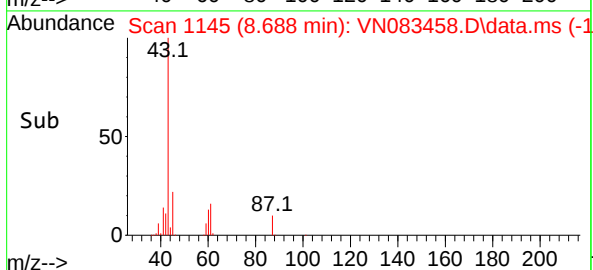
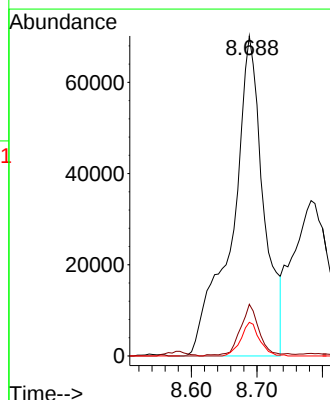
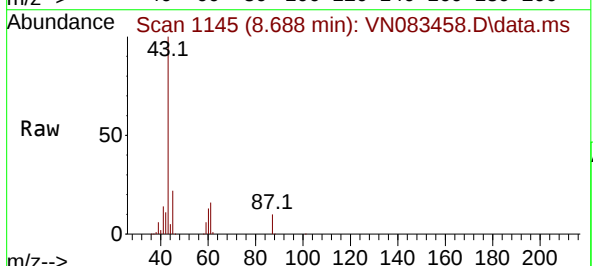
Tgt Ion: 43 Resp: 234231

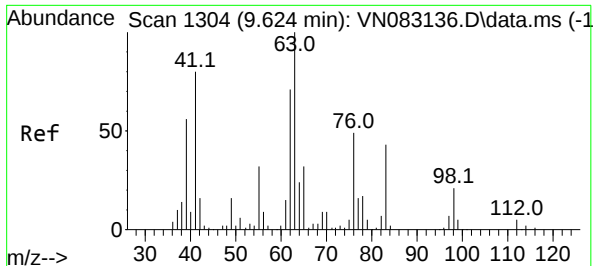
Ion Ratio Lower Upper

43 100

61 9.9 17.8 26.6#

87 6.2 8.2 12.2#

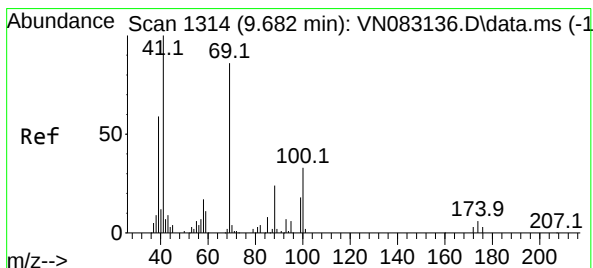
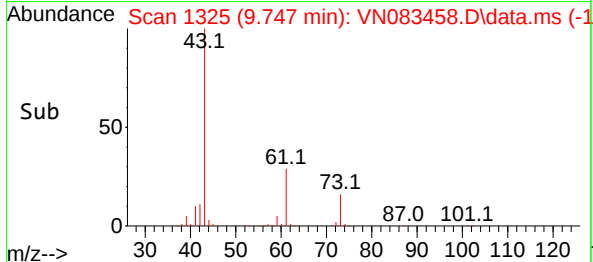
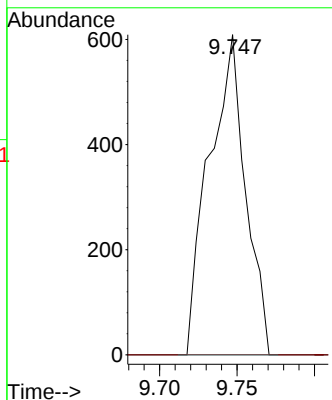
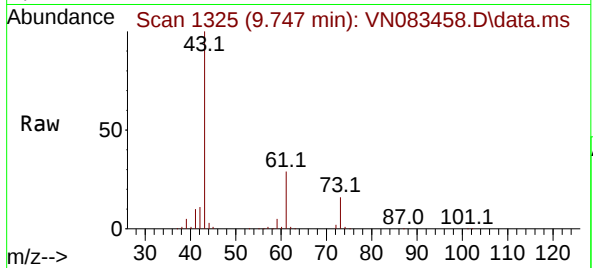




#45
1,2-Dichloropropane
Concen: 0.545 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.123 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

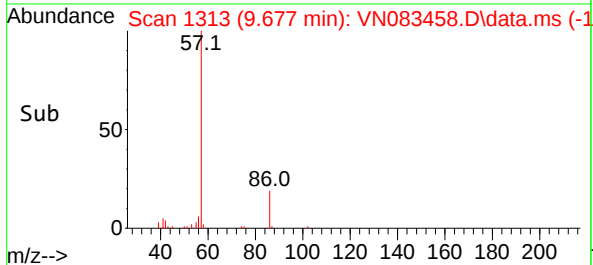
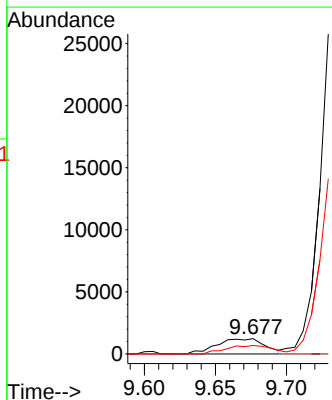
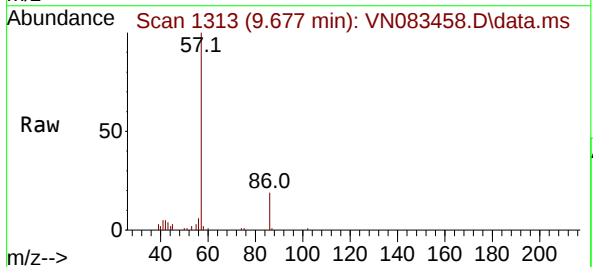
Instrument :
MSVOA_N
ClientSampleId :

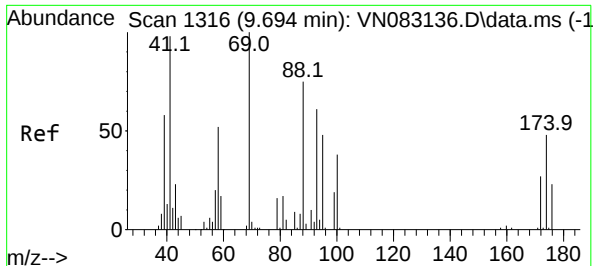
Tgt Ion: 63 Resp: 993
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 1.207 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion: 41 Resp: 2880
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 54.4 50.3 75.5





#49

1,4-Dioxane

Concen: 1.557 ug/l

RT: 9.735 min Scan# 1

Delta R.T. 0.041 min

Lab File: VN083458.D

Acq: 23 Aug 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

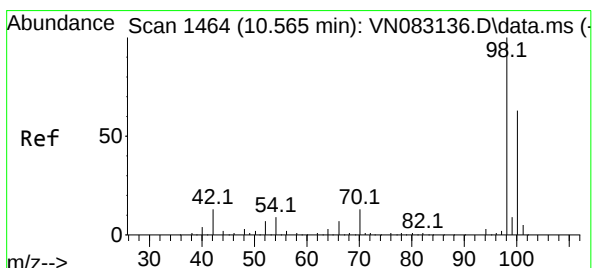
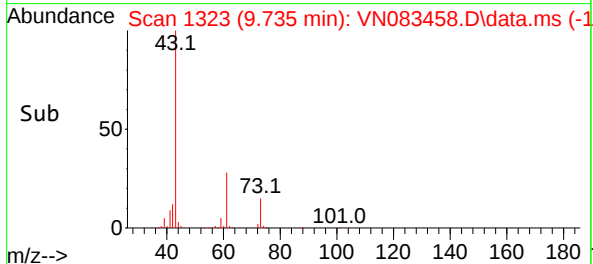
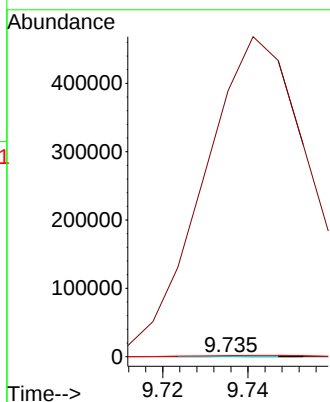
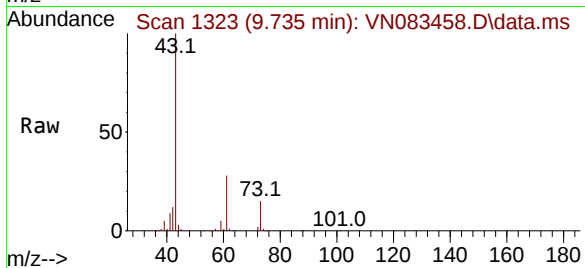
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 1260547.8 27.8 41.8#

58 5653.7 59.4 89.0#



#50

Toluene-d8

Concen: 48.155 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083458.D

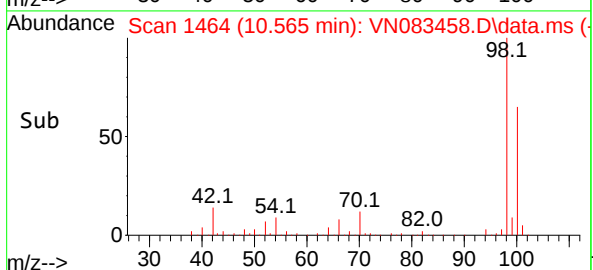
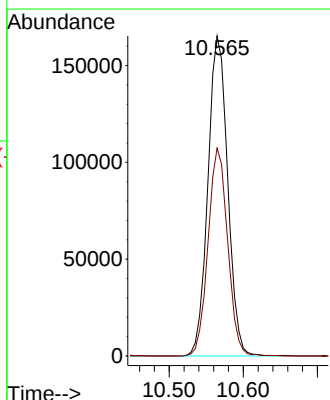
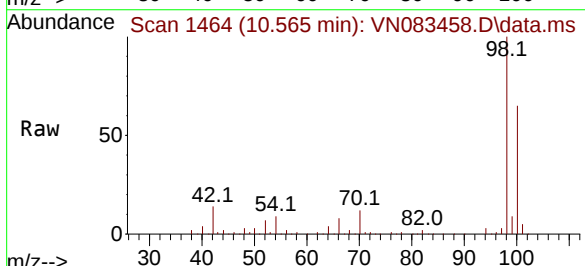
Acq: 23 Aug 2024 14:12

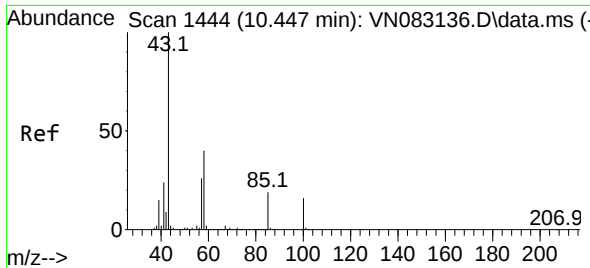
Tgt Ion: 98 Resp: 306069

Ion Ratio Lower Upper

98 100

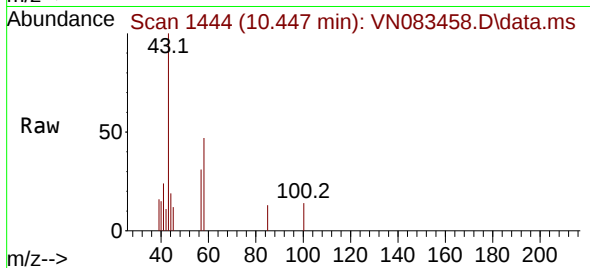
100 64.4 51.5 77.3



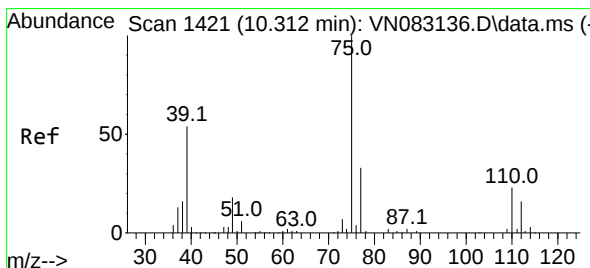
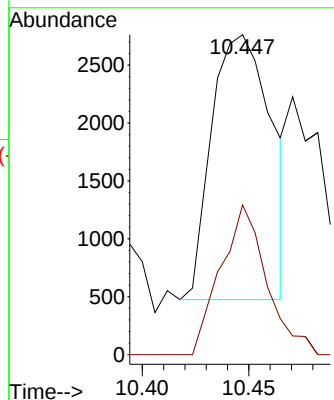
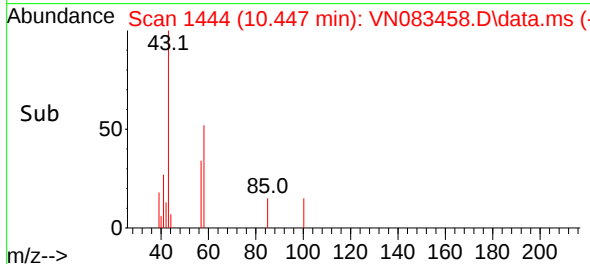


#51
4-Methyl-2-Pentanone
Concen: 1.628 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

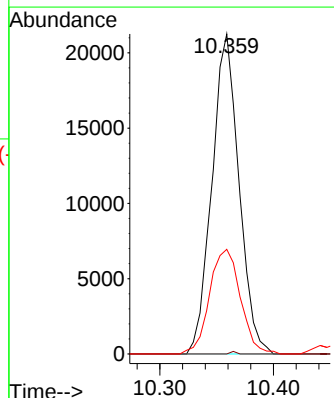
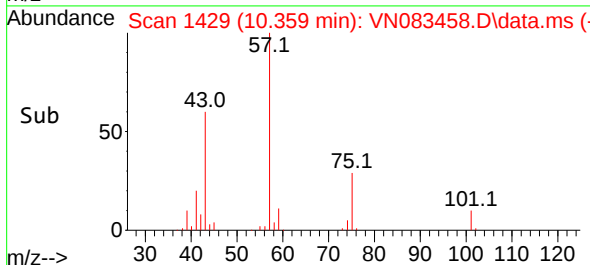
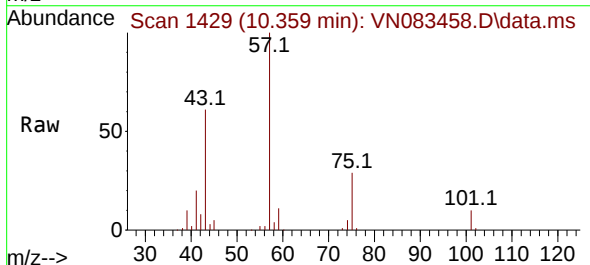


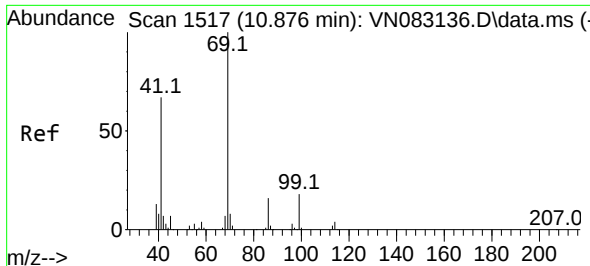
Tgt Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
58 43.8 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 10.972 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

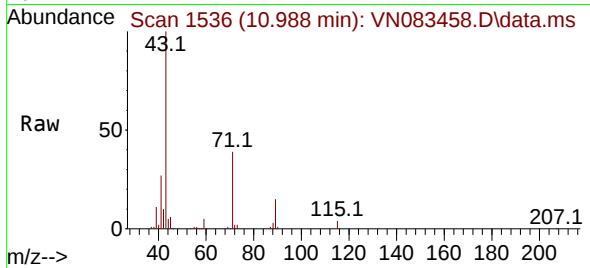
Tgt Ion: 75 Resp: 35117
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 32.7 50.5 75.7#



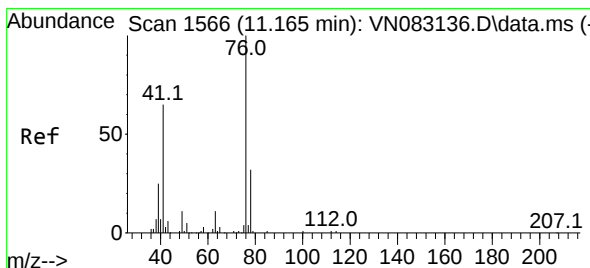
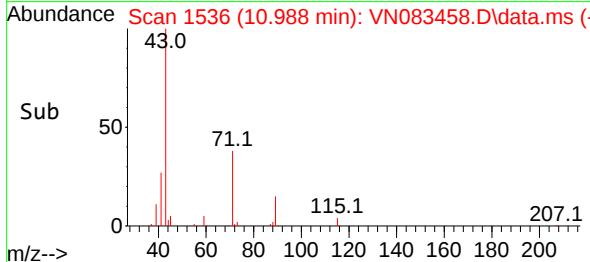
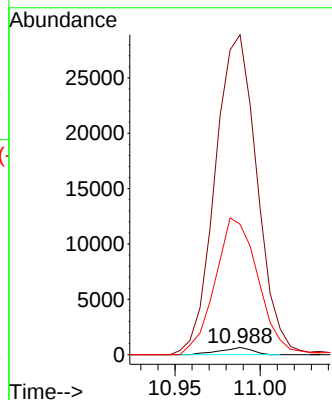


#56
Ethyl methacrylate
Concen: 0.262 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

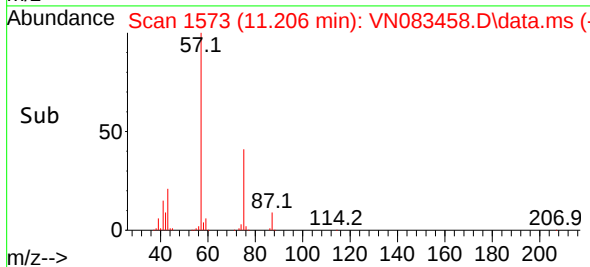
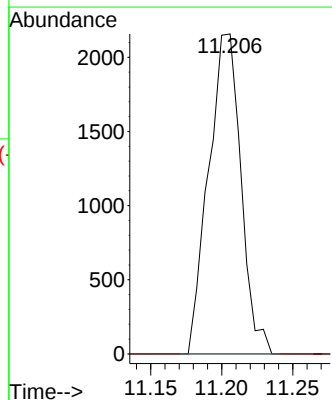
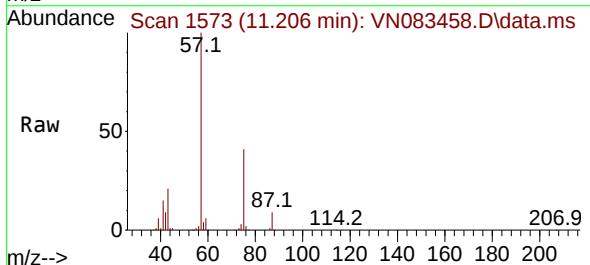


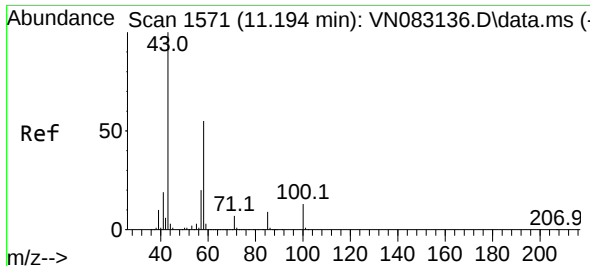
Tgt Ion: 69 Resp: 858
Ion Ratio Lower Upper
69 100
41 5787.9 63.4 95.2#
39 2540.3 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.105 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion: 76 Resp: 3424
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

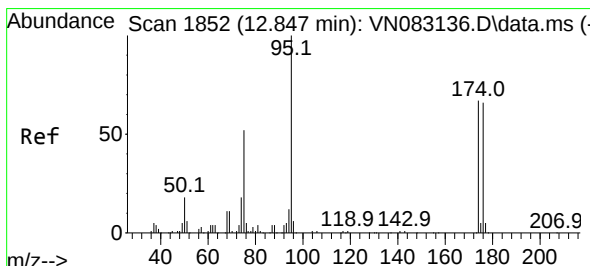
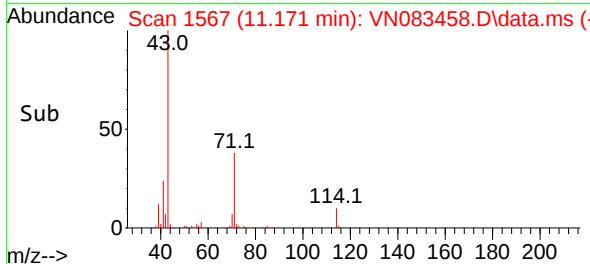
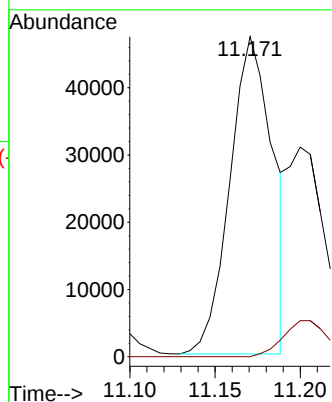
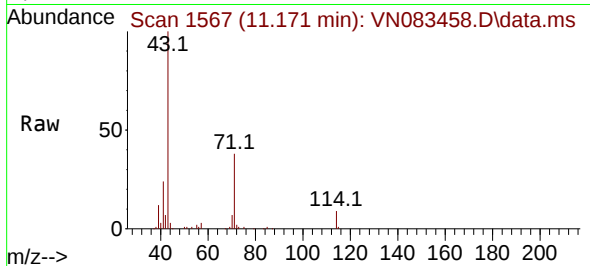




#59
2-Hexanone
Concen: 39.027 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

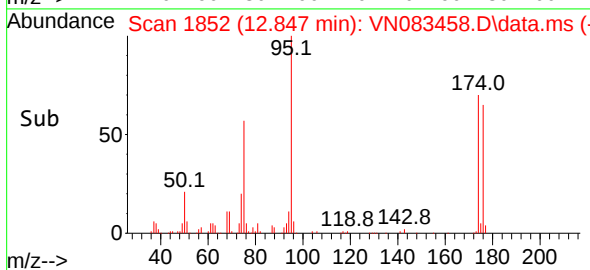
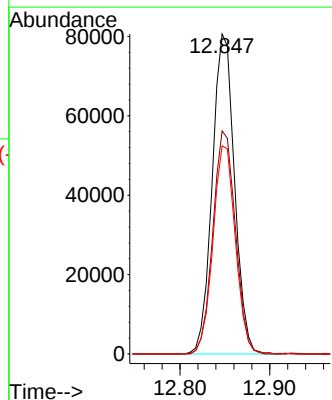
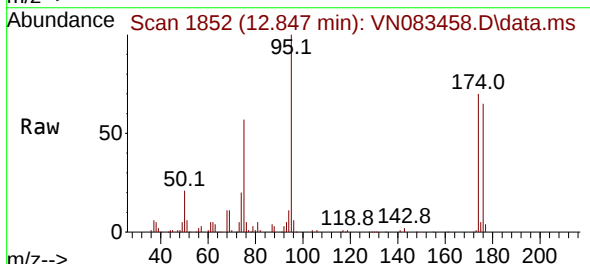
Instrument :
MSVOA_N
ClientSampleId :

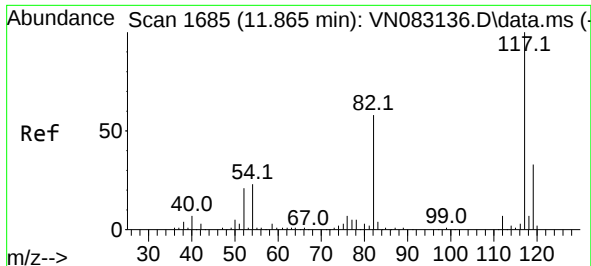
Tgt Ion: 43 Resp: 82399
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 55.933 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

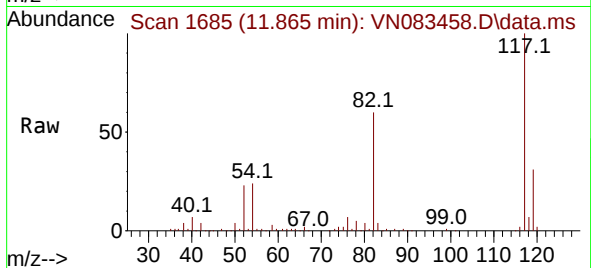
Tgt Ion: 95 Resp: 138597
Ion Ratio Lower Upper
95 100
174 70.6 0.0 159.2
176 65.7 0.0 147.6



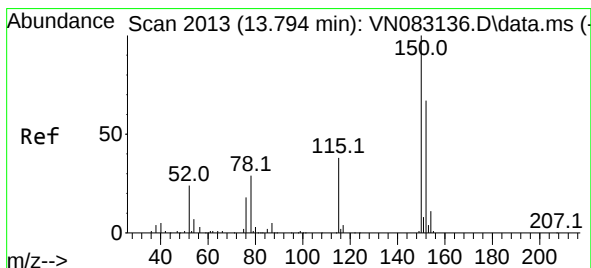
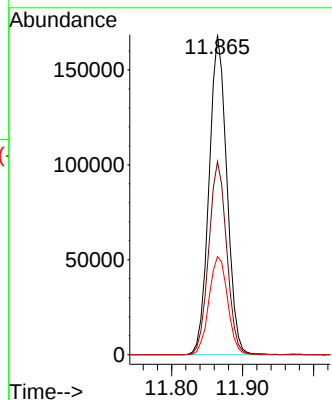
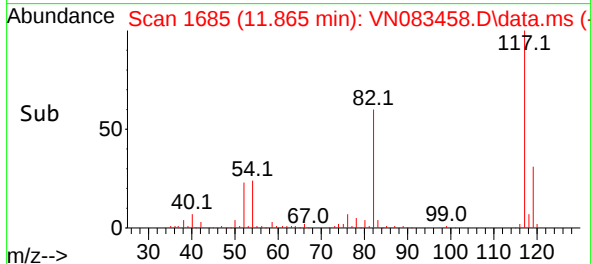


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

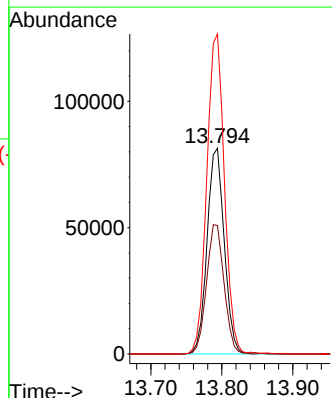
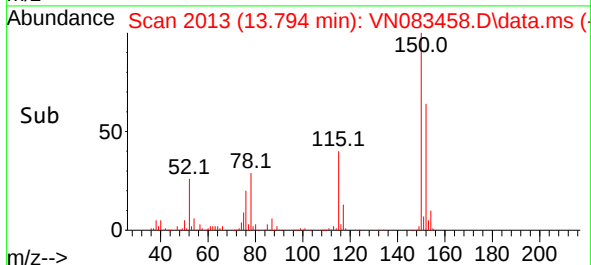
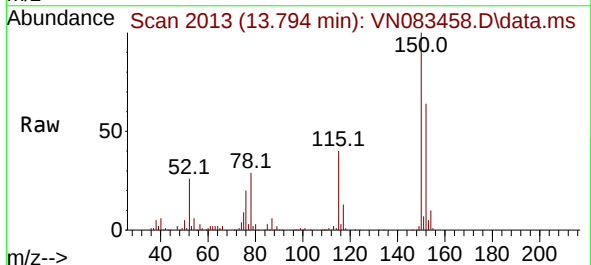


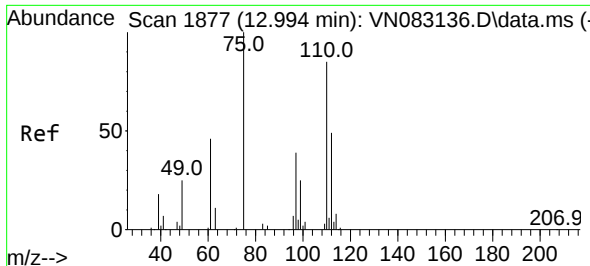
Tgt Ion:117 Resp: 292892
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion:152 Resp: 137700
Ion Ratio Lower Upper
152 100
115 63.9 30.6 91.6
150 159.0 0.0 348.6

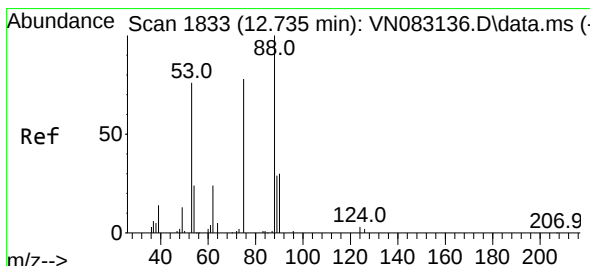
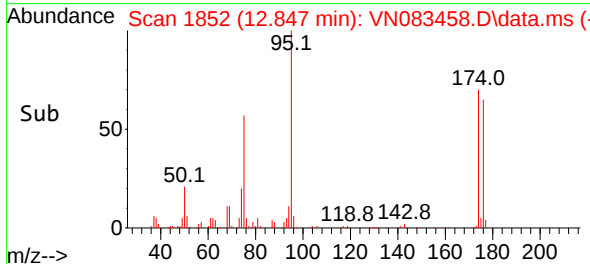
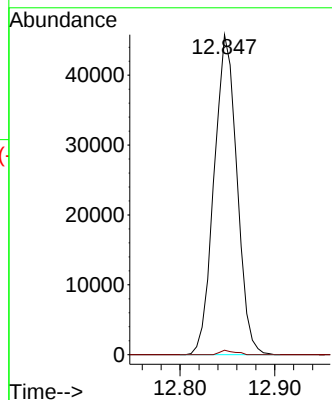
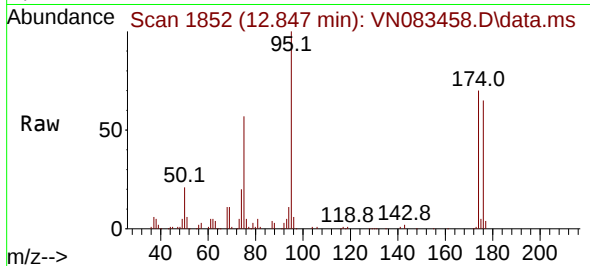




#76
1,2,3-Trichloropropane
Concen: 25.417 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 76815
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.288 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083458.D
Acq: 23 Aug 2024 14:12

Tgt Ion: 75 Resp: 76815
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

