

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083684.D
 Acq On : 05 Sep 2024 18:39
 Operator : JC\MD
 Sample : P3802-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

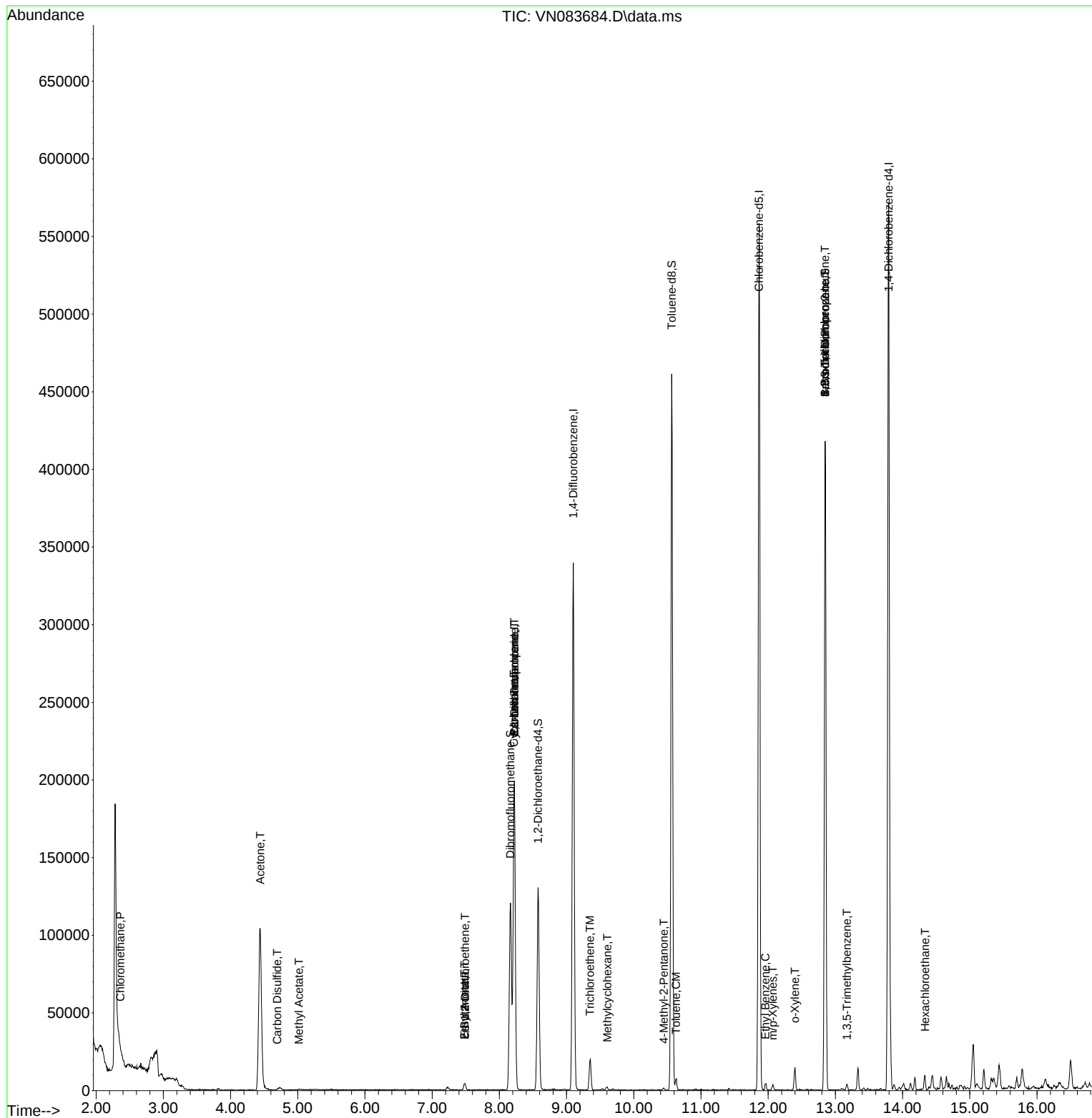
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	134180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107210	57.170	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 114.340%		
35) Dibromofluoromethane	8.165	113	85949	51.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.160%		
50) Toluene-d8	10.565	98	306409	47.233	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 94.460%		
62) 4-Bromofluorobenzene	12.847	95	146857	61.096	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 122.200%#		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1791	1.083	ug/l #	74
16) Acetone	4.442	43	12189	16.299	ug/l	92
17) Carbon Disulfide	4.695	76	1080	0.252	ug/l #	75
18) Methyl Acetate	5.018	43	541	0.272	ug/l #	75
25) 2-Butanone	7.483	43	1941	1.906	ug/l #	49
27) cis-1,2-Dichloroethene	7.488	96	1898	1.039	ug/l	86
31) Cyclohexane	8.218	56	3858	1.330	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	12662	4.982	ug/l #	49
37) Ethyl Acetate	7.483	43	1941	0.767	ug/l #	1
38) Carbon Tetrachloride	8.224	117	15737	5.427	ug/l #	17
39) Methylcyclohexane	9.606	83	1136	0.372	ug/l #	53
43) Isopropyl Acetate	8.694	43	54	Below Cal	#	57
44) Trichloroethene	9.347	130	6830	3.632	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1184	0.503	ug/l	93
52) Toluene	10.629	92	3311	0.677	ug/l	84
67) Ethyl Benzene	11.959	91	3367	0.277	ug/l	100
68) m/p-Xylenes	12.070	106	1273	0.278	ug/l	100
69) o-Xylene	12.400	106	3877	0.875	ug/l	100
71) Bromoform	12.847	173	596	0.364	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	80942	27.431	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.170	105	2129	0.214	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	80942	64.698	ug/l #	9
90) Hexachloroethane	14.335	117	508	0.265	ug/l #	17

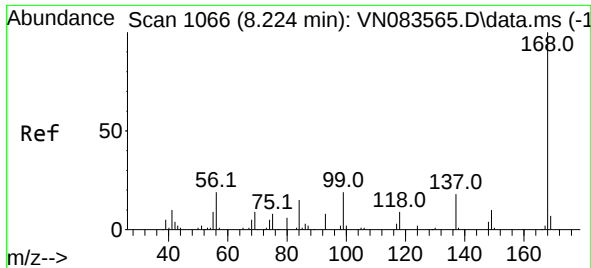
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
Data File : VN083684.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
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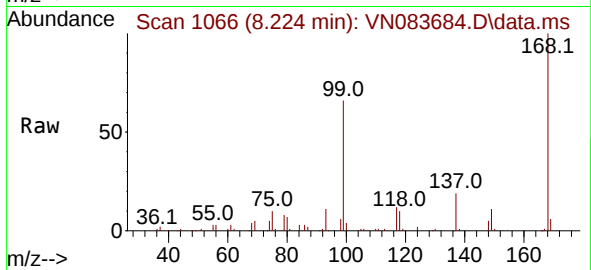
Quant Time: Sep 06 02:21:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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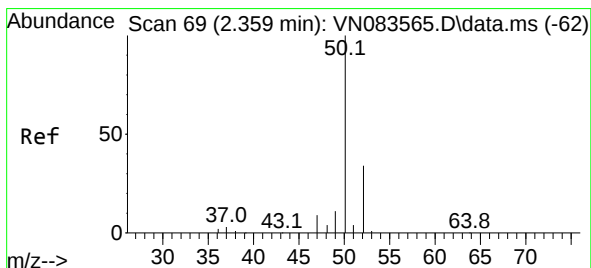
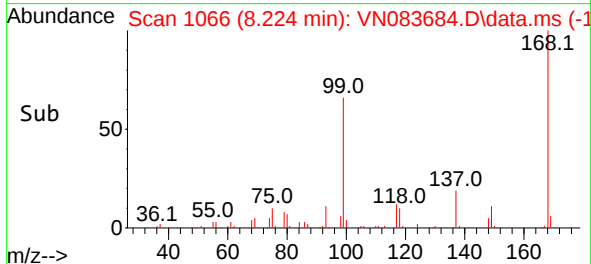
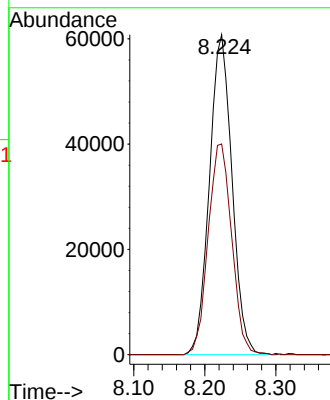


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :

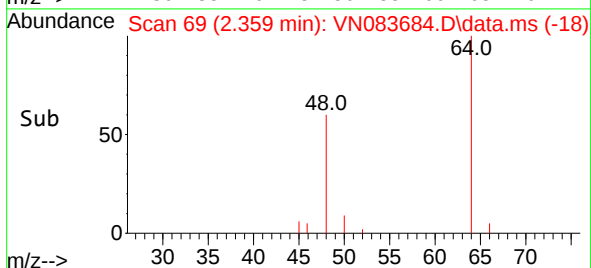
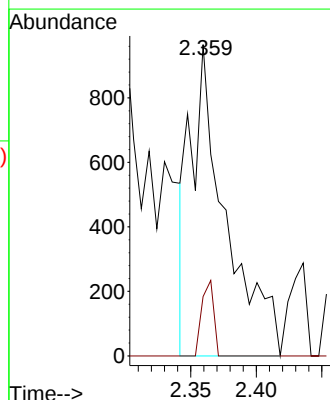
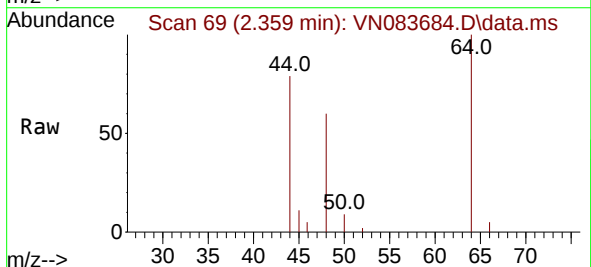


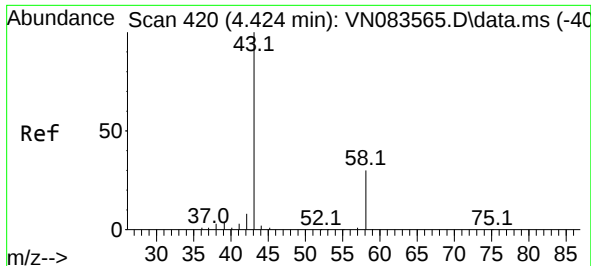
Tgt Ion:168 Resp: 134180
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#3
Chloromethane
Concen: 1.083 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

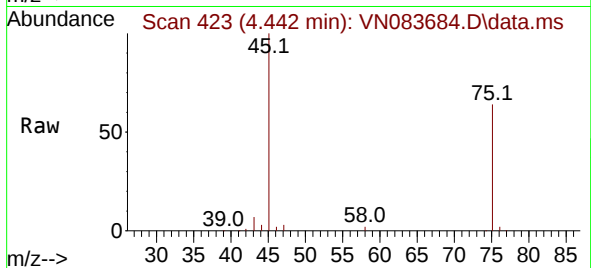
Tgt Ion: 50 Resp: 1791
Ion Ratio Lower Upper
50 100
52 19.1 27.2 40.8#



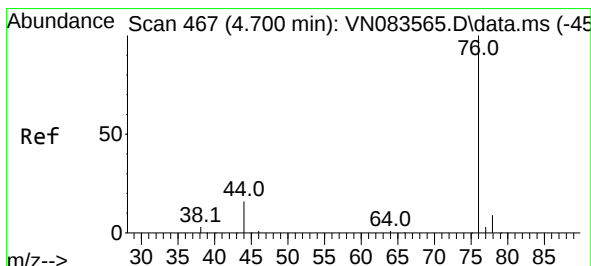
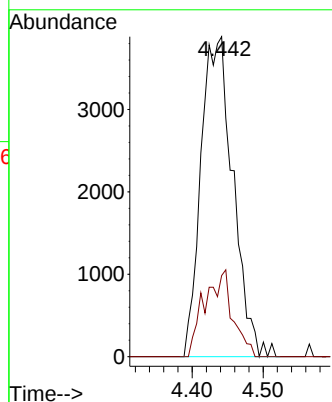
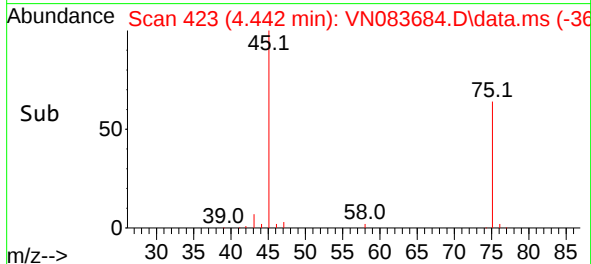


#16
Acetone
Concen: 16.299 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :

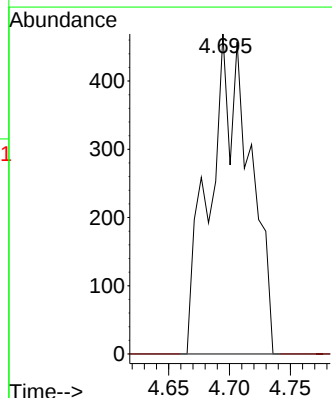
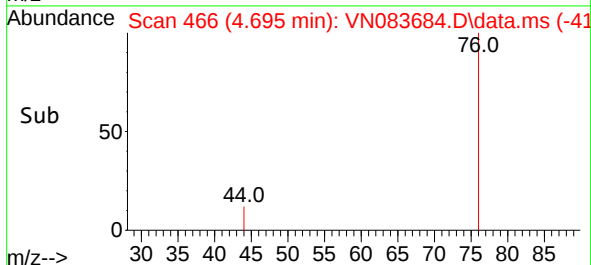
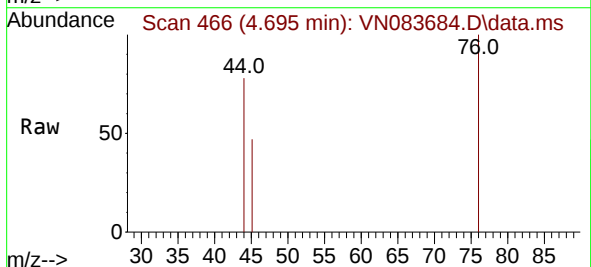


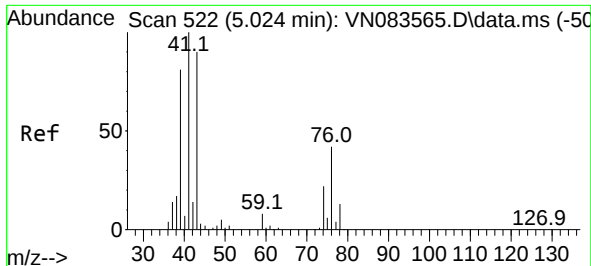
Tgt Ion: 43 Resp: 12189
Ion Ratio Lower Upper
43 100
58 25.4 23.7 35.5



#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

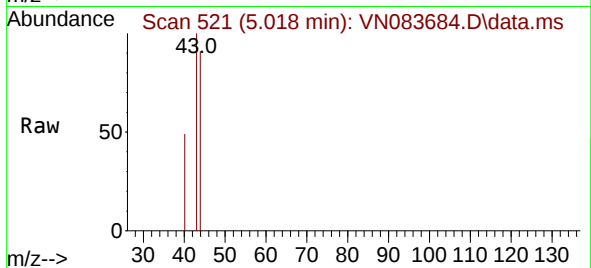
Tgt Ion: 76 Resp: 1080
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



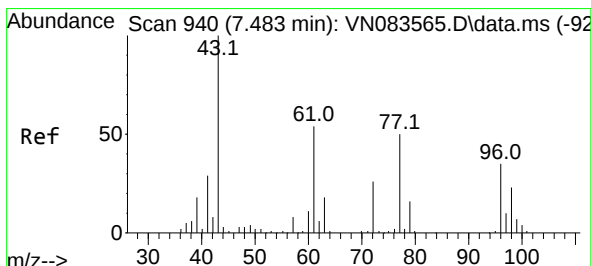
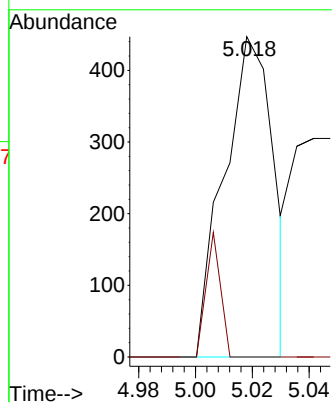
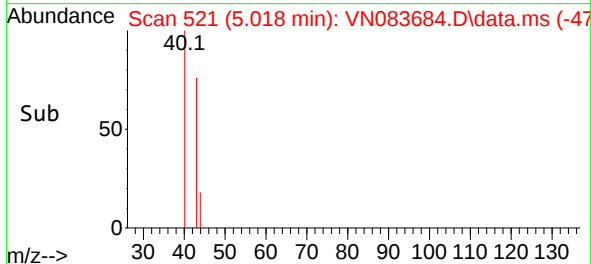


#18
Methyl Acetate
Concen: 0.272 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :

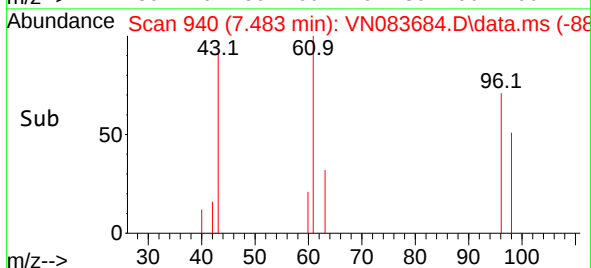
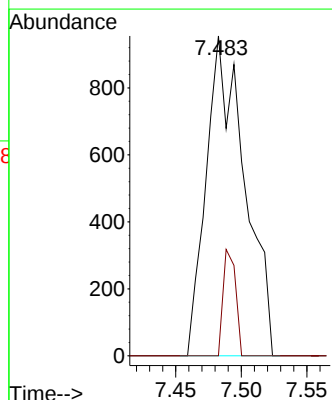
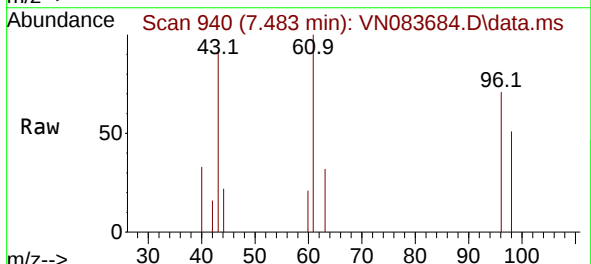


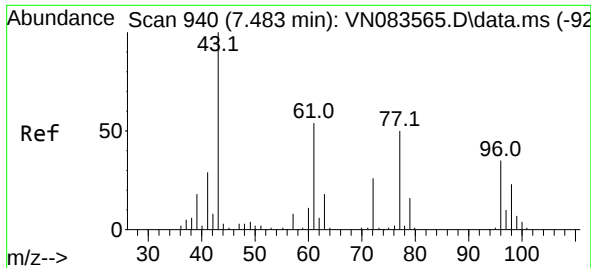
Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
74 11.3 19.0 28.4#



#25
2-Butanone
Concen: 1.906 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

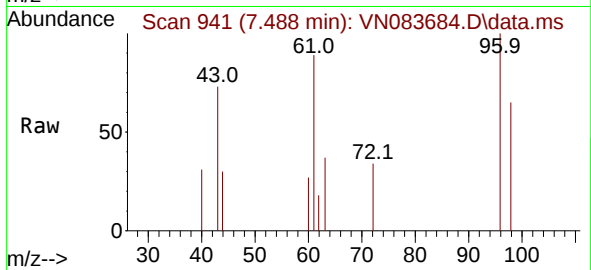
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



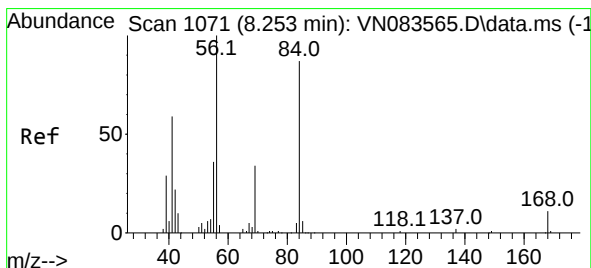
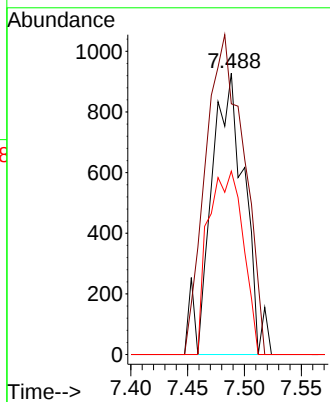
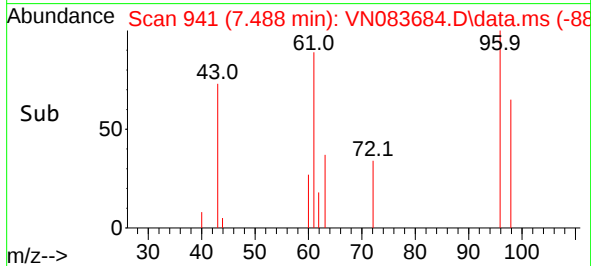


#27
cis-1,2-Dichloroethene
Concen: 1.039 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

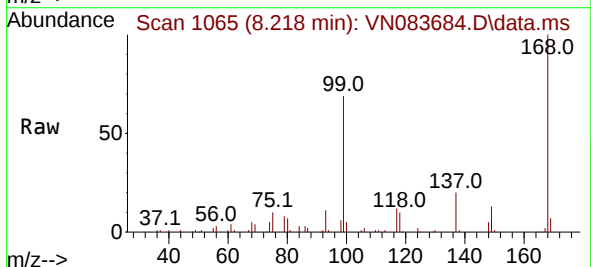
Instrument :
MSVOA_N
ClientSampleId :



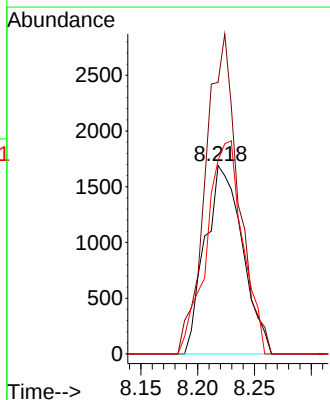
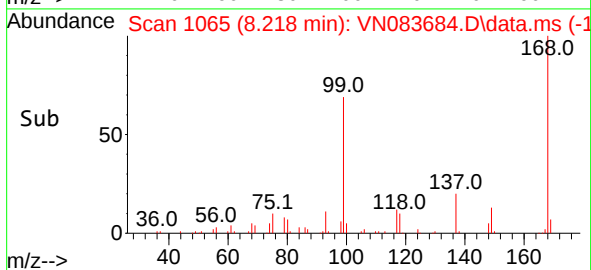
Tgt Ion: 96	Resp: 1898
Ion Ratio	Lower Upper
96 100	
61 130.3	0.0 306.2
98 68.0	0.0 128.6

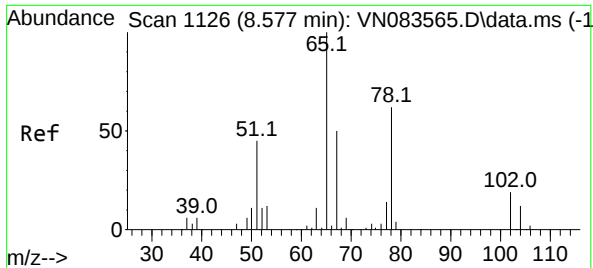


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39



Tgt Ion: 56	Resp: 3858
Ion Ratio	Lower Upper
56 100	
69 144.1	26.9 40.3#
84 102.7	69.2 103.8

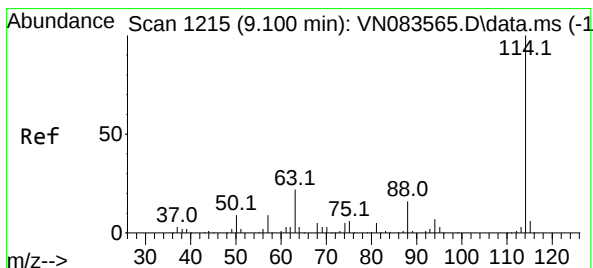
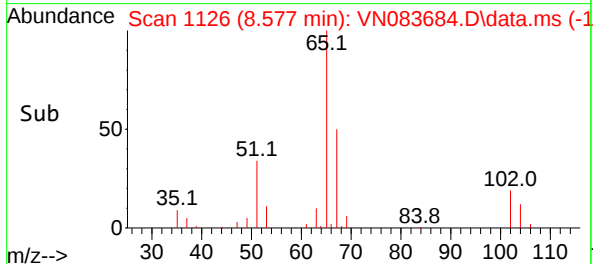
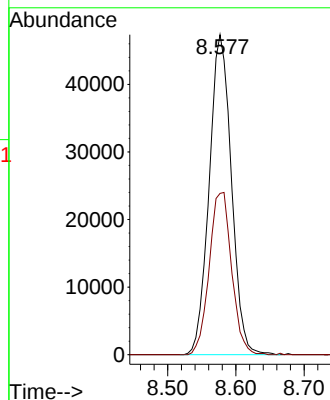
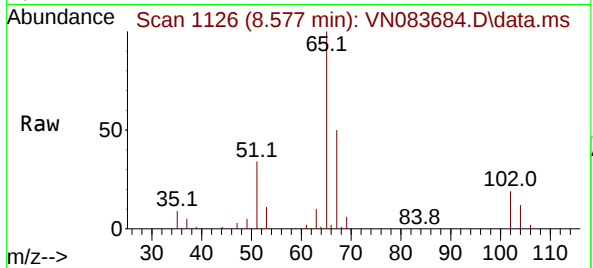




#33
1,2-Dichloroethane-d4
Concen: 57.170 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

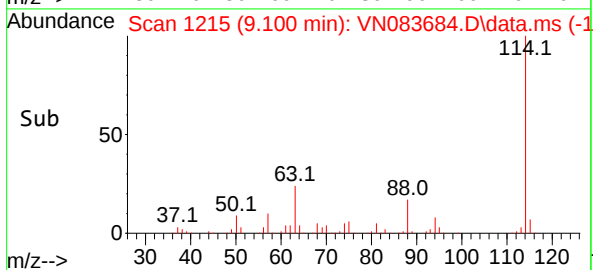
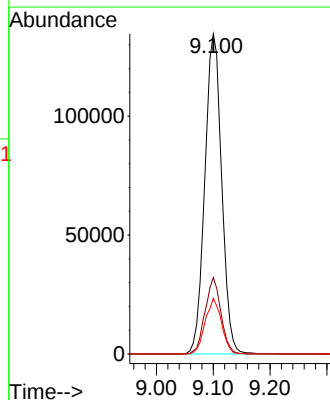
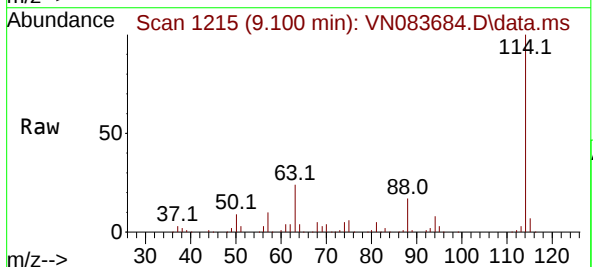
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ClientSampleId :

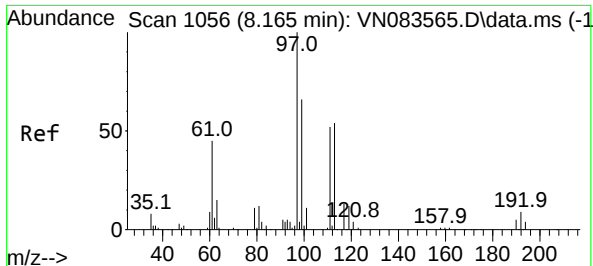
Tgt Ion: 65 Resp: 107210
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Tgt Ion: 114 Resp: 276843
Ion Ratio Lower Upper
114 100
63 23.9 0.0 43.4
88 17.4 0.0 32.6

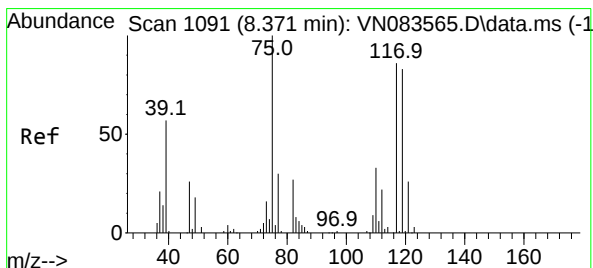
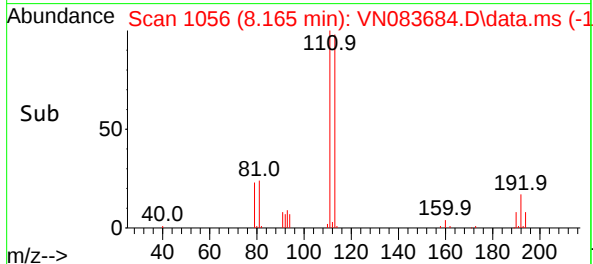
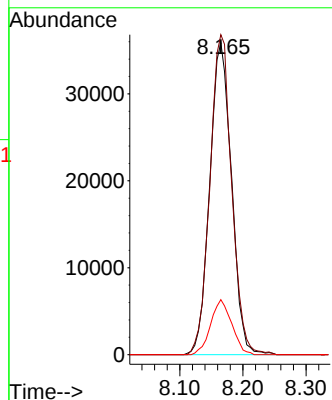
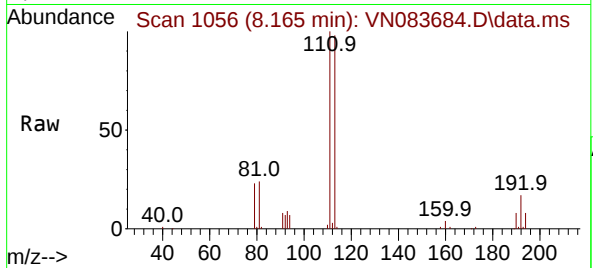




#35
Dibromofluoromethane
Concen: 51.582 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

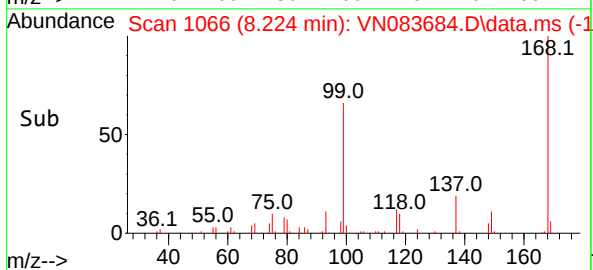
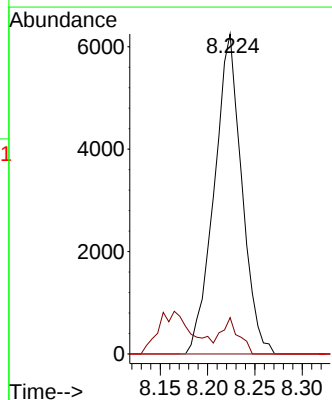
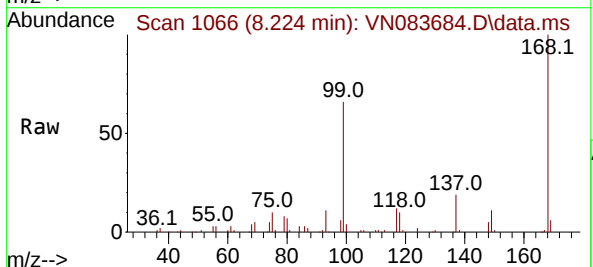
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MSVOA_N
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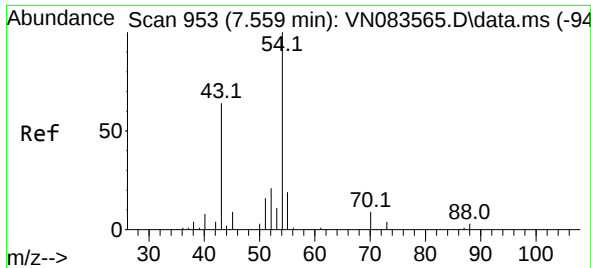
Tgt Ion:113 Resp: 85949
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.982 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

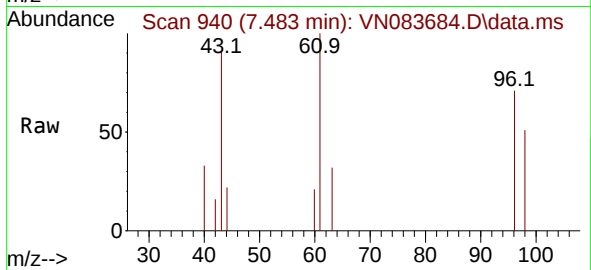
Tgt Ion: 75 Resp: 12662
Ion Ratio Lower Upper
75 100
110 7.1 16.7 50.1#
77 0.0 25.2 37.8#



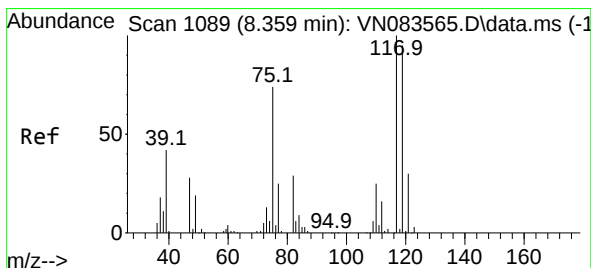
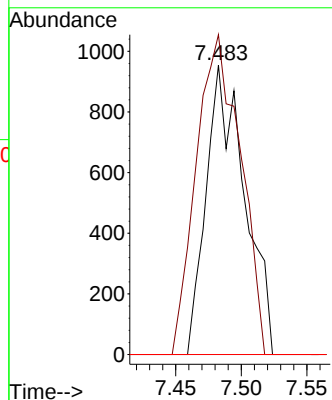
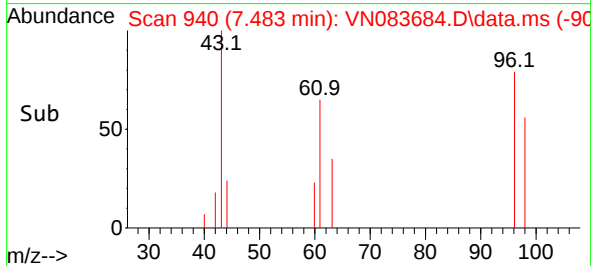


#37
Ethyl Acetate
Concen: 0.767 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.076 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :

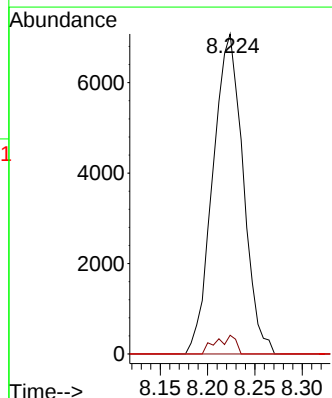
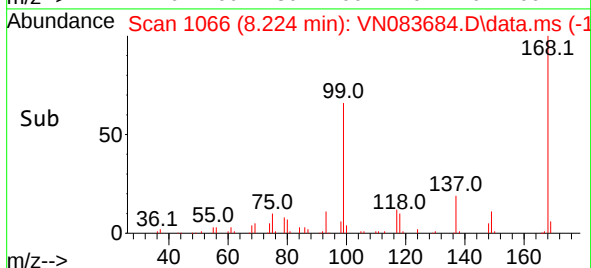
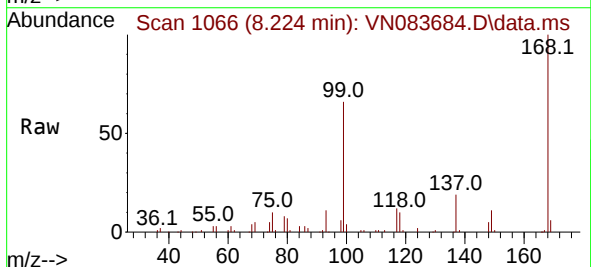


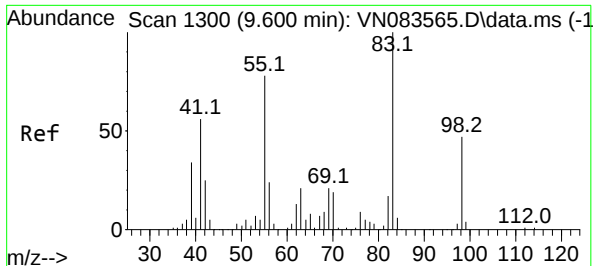
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
61 127.4 11.1 16.7#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.427 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Tgt Ion: 117 Resp: 15737
Ion Ratio Lower Upper
117 100
119 5.8 76.1 114.1#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 0.372 ug/l

RT: 9.606 min Scan# 1136

Delta R.T. 0.006 min

Lab File: VN083684.D

Acq: 05 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

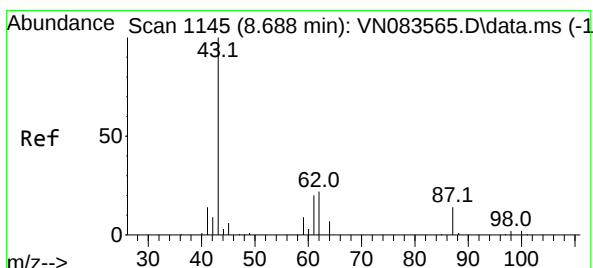
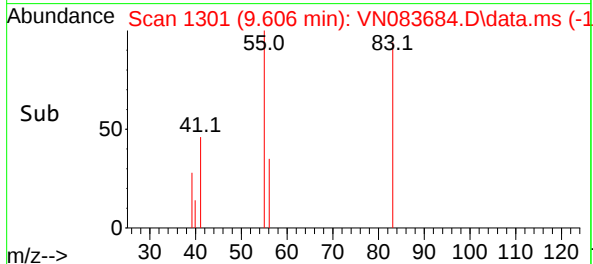
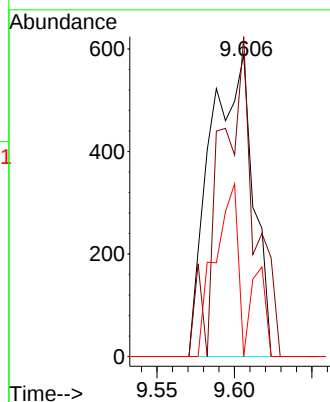
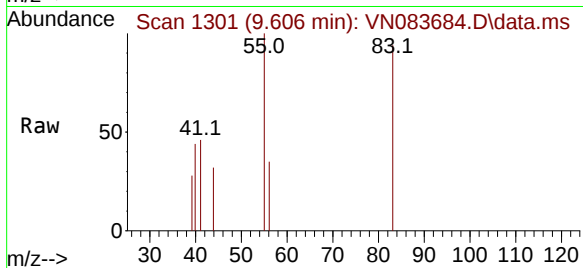
Tgt Ion: 83 Resp: 1136

Ion Ratio Lower Upper

83 100

55 105.9 62.2 93.4#

98 0.0 37.6 56.4#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083684.D

Acq: 05 Sep 2024 18:39

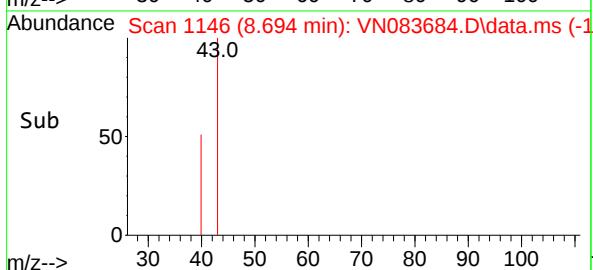
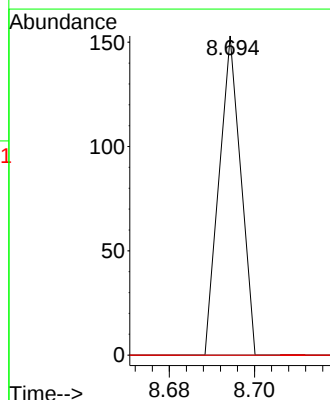
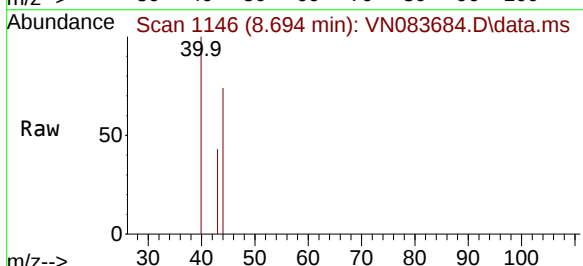
Tgt Ion: 43 Resp: 54

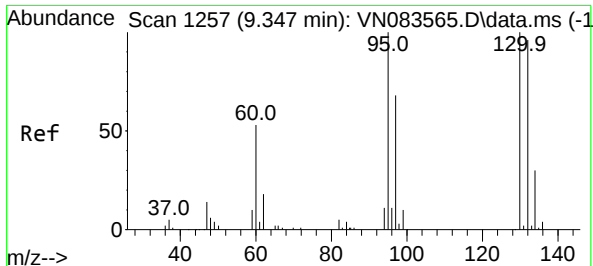
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

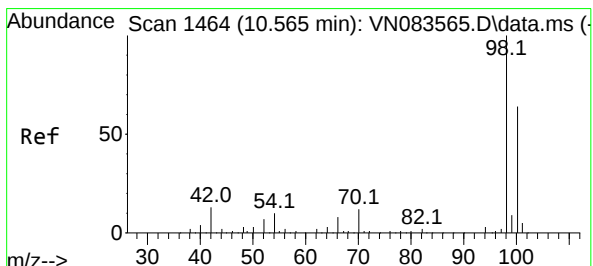
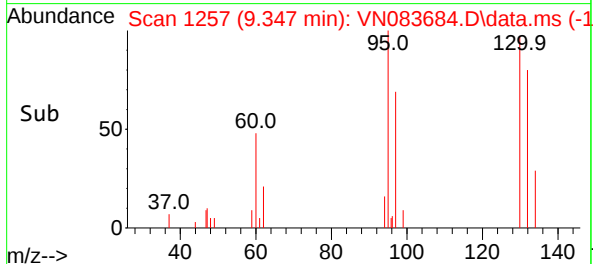
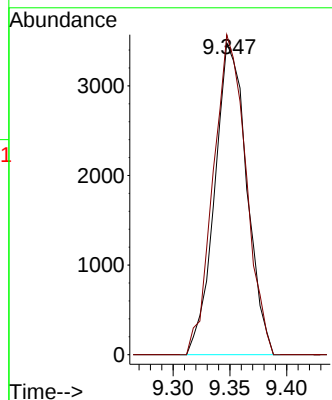
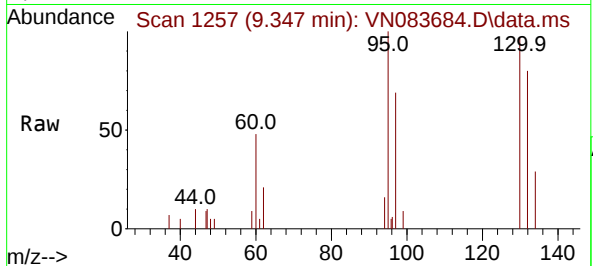




#44
Trichloroethene
Concen: 3.632 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

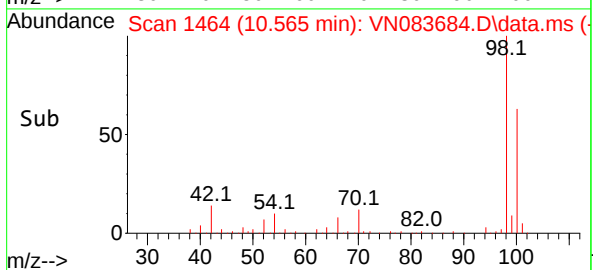
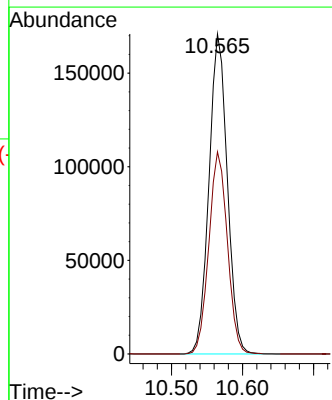
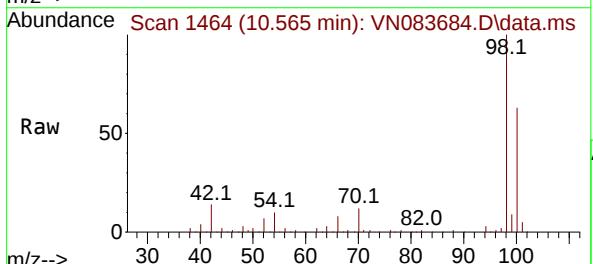
Instrument :
MSVOA_N
ClientSampleId :

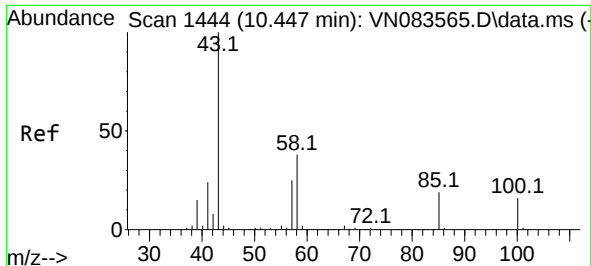
Tgt Ion:130 Resp: 6830
Ion Ratio Lower Upper
130 100
95 102.6 0.0 200.4



#50
Toluene-d8
Concen: 47.233 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Tgt Ion: 98 Resp: 306409
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

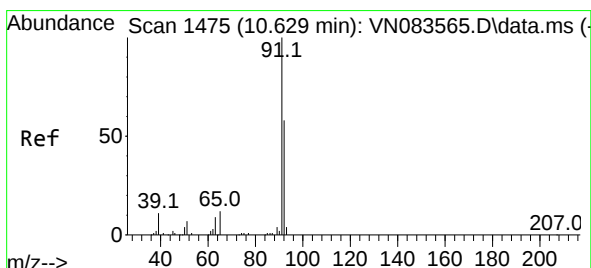
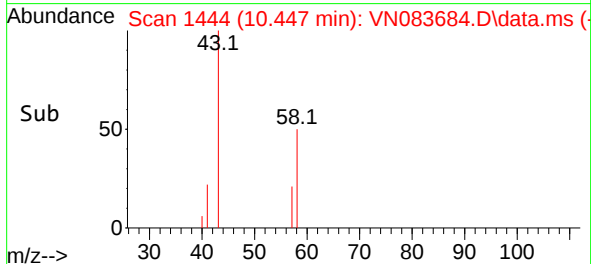
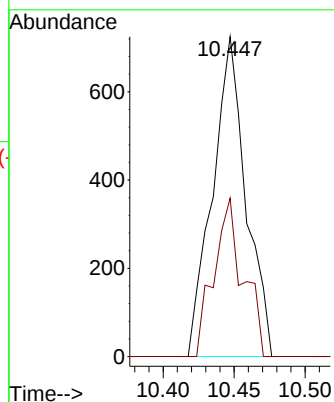
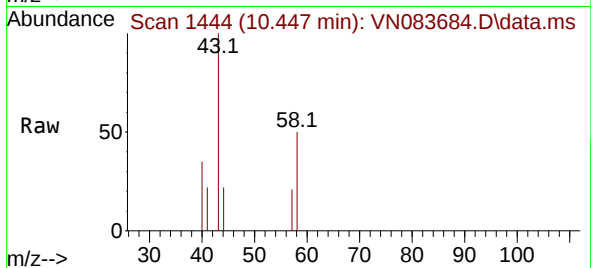




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

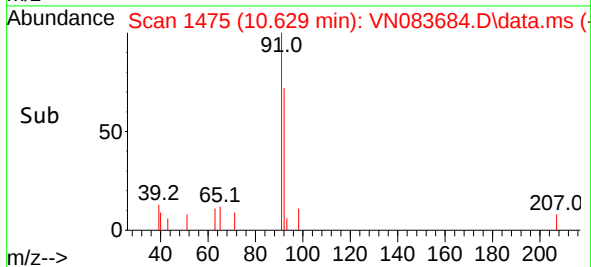
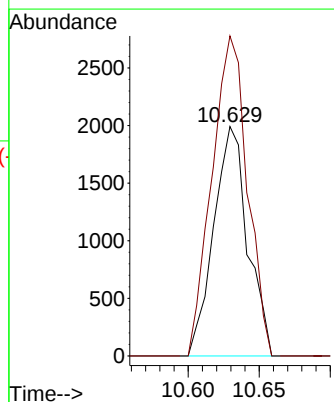
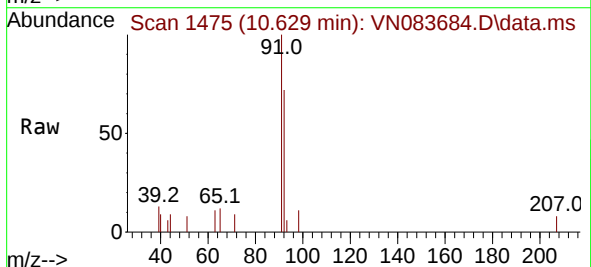
Instrument :
MSVOA_N
ClientSampleId :

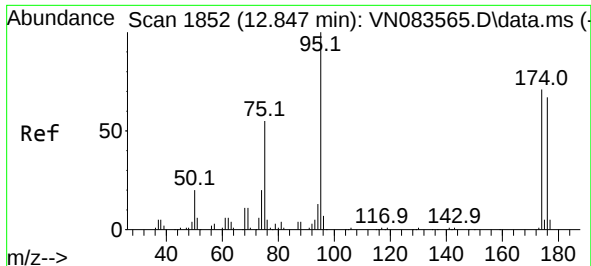
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 43.5 31.6 47.4



#52
Toluene
Concen: 0.677 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Tgt Ion: 92 Resp: 3311
Ion Ratio Lower Upper
92 100
91 146.1 134.7 202.1

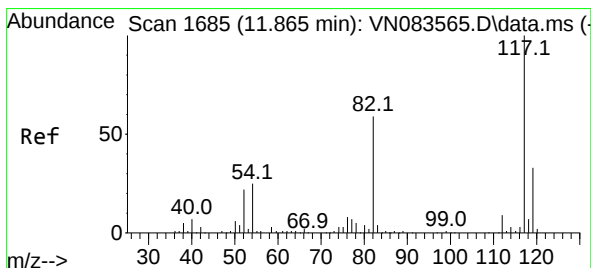
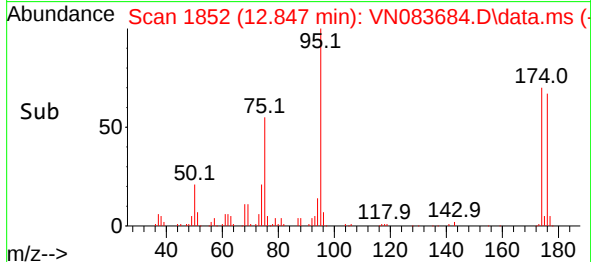
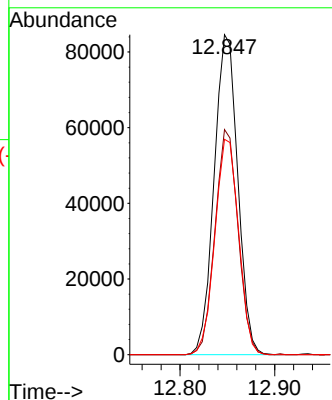
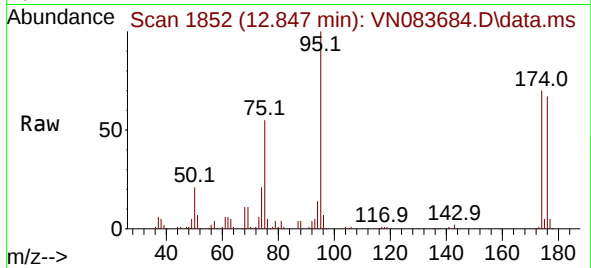




#62
4-Bromofluorobenzene
Concen: 61.096 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

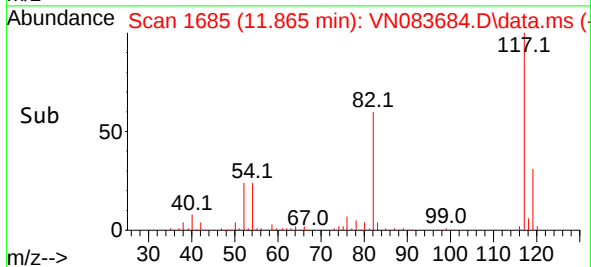
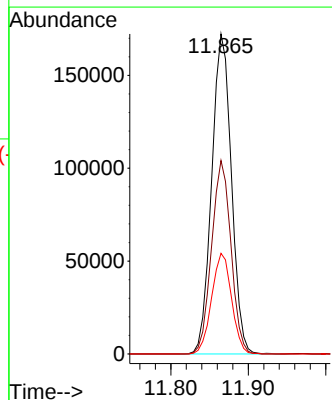
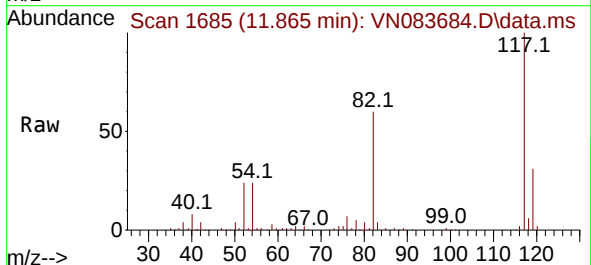
Instrument :
MSVOA_N
ClientSampleId :

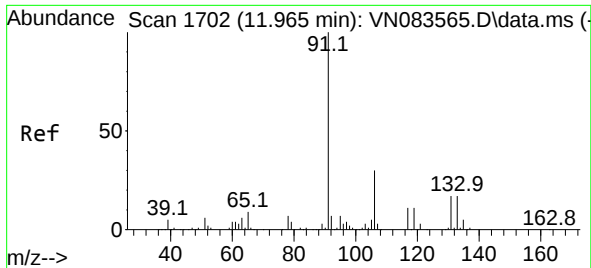
Tgt Ion: 95 Resp: 146857
Ion Ratio Lower Upper
95 100
174 68.7 0.0 139.8
176 67.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Tgt Ion: 117 Resp: 303945
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 31.4 26.3 39.5

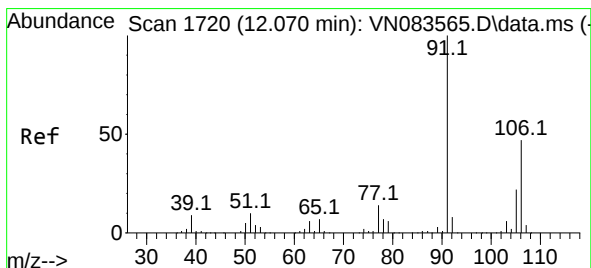
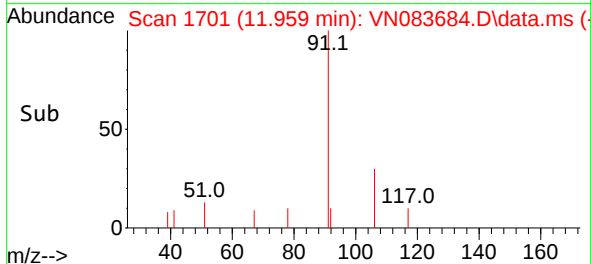
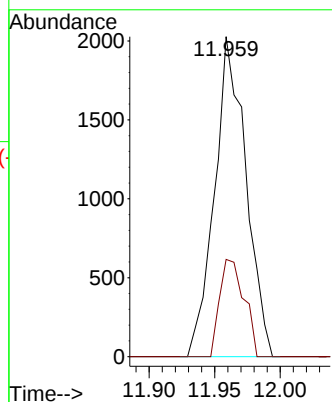
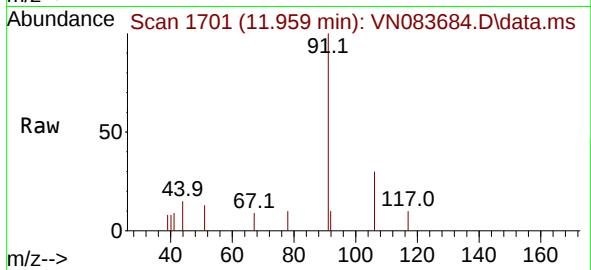




#67
Ethyl Benzene
Concen: 0.277 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

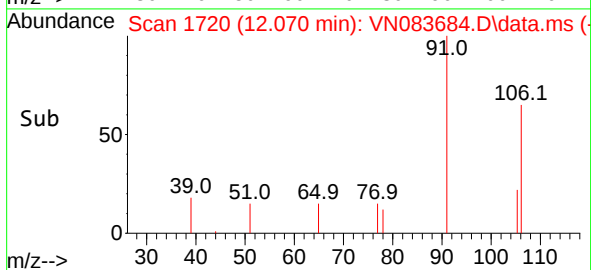
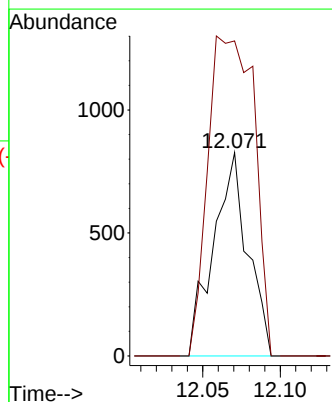
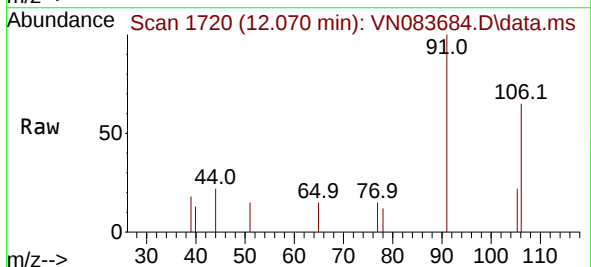
Instrument :
MSVOA_N
ClientSampleId :

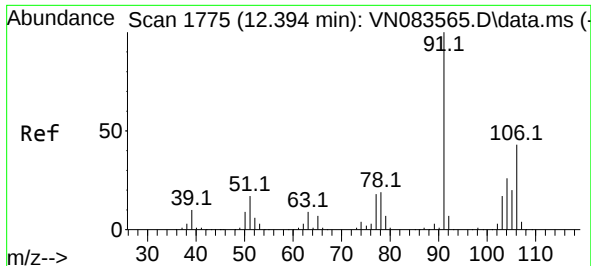
Tgt Ion: 91 Resp: 3367
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 0.278 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Tgt Ion: 106 Resp: 1273
Ion Ratio Lower Upper
106 100
91 212.2 169.2 253.8

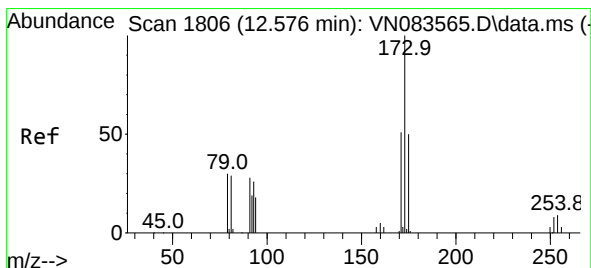
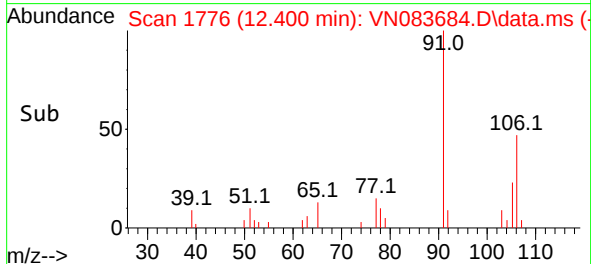
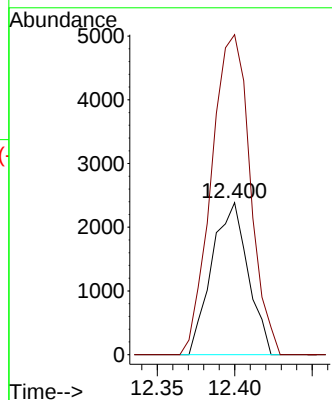
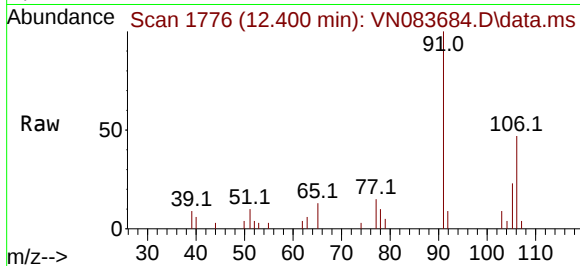




#69
o-Xylene
Concen: 0.875 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

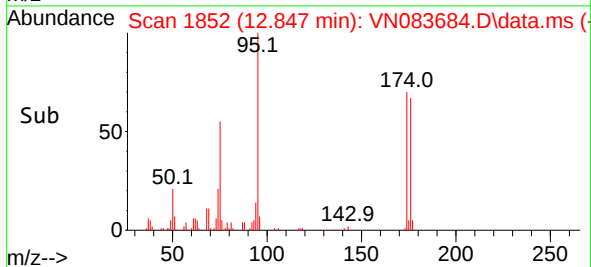
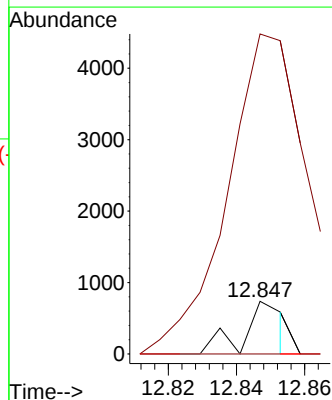
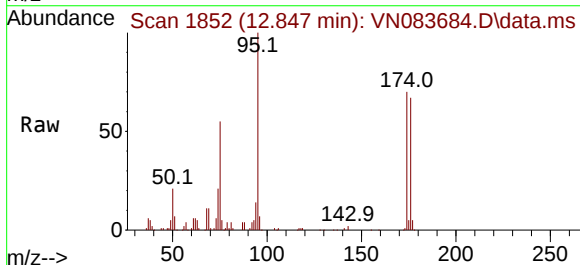
Instrument :
MSVOA_N
ClientSampleId :

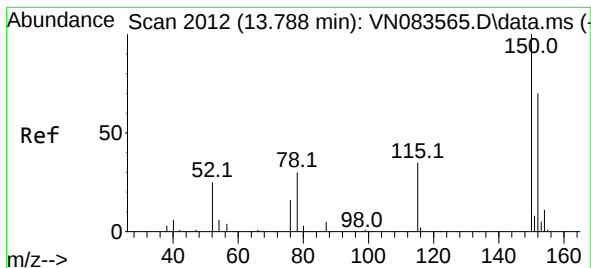
Tgt Ion:106 Resp: 3877
Ion Ratio Lower Upper
106 100
91 225.3 112.9 338.6



#71
Bromoform
Concen: 0.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

Tgt Ion:173 Resp: 596
Ion Ratio Lower Upper
173 100
175 905.7 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN083684.D

Acq: 05 Sep 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

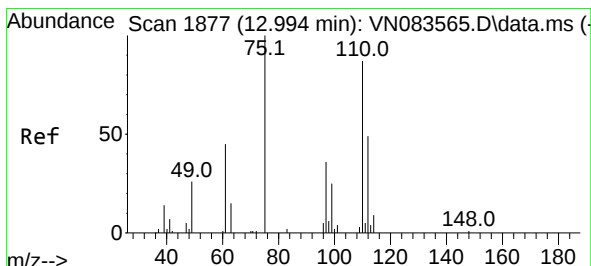
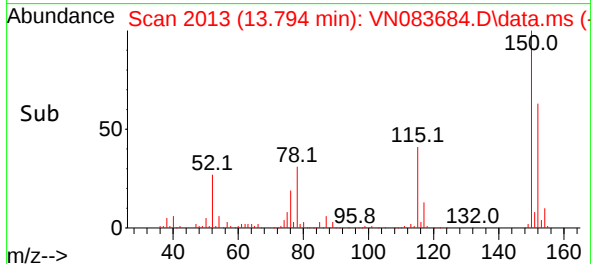
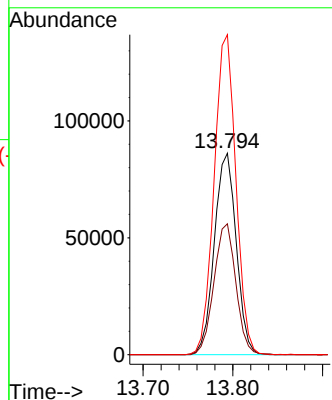
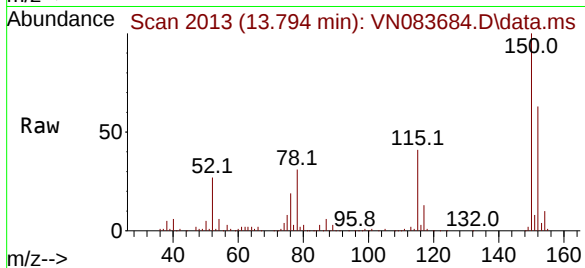
Tgt Ion:152 Resp: 146151

Ion Ratio Lower Upper

152 100

115 65.0 32.2 96.6

150 157.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.431 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083684.D

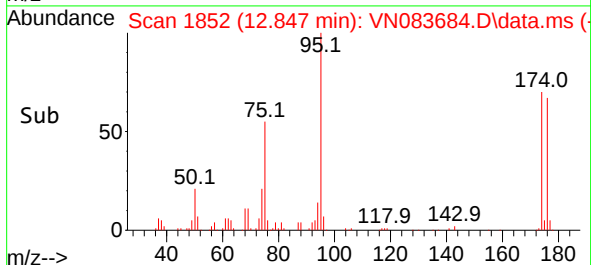
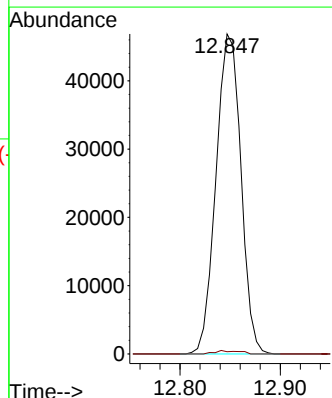
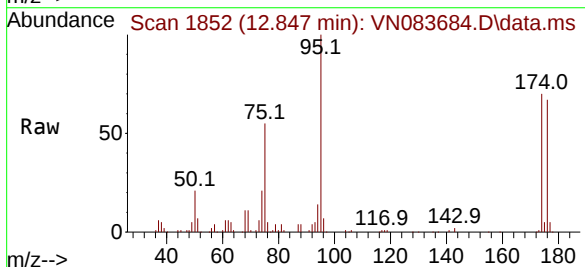
Acq: 05 Sep 2024 18:39

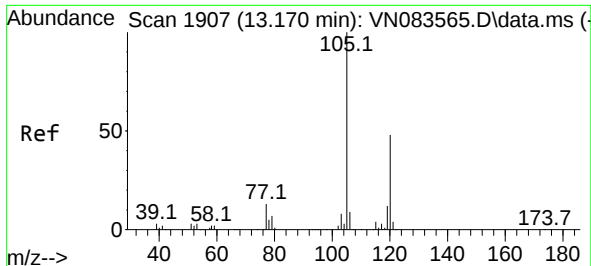
Tgt Ion: 75 Resp: 80942

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#

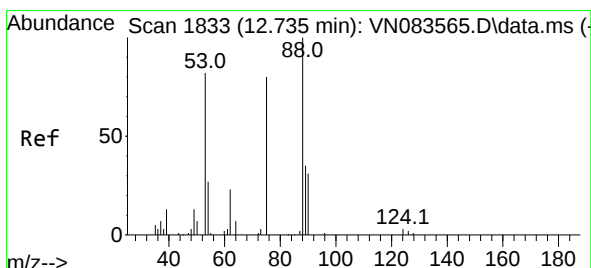
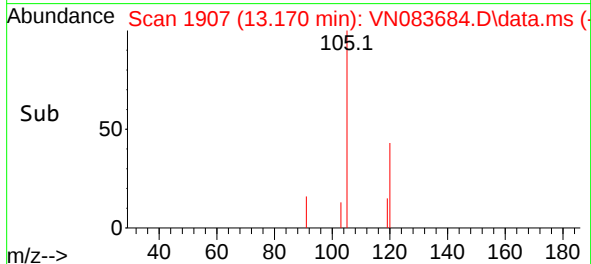
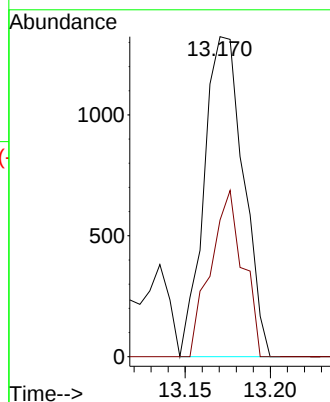
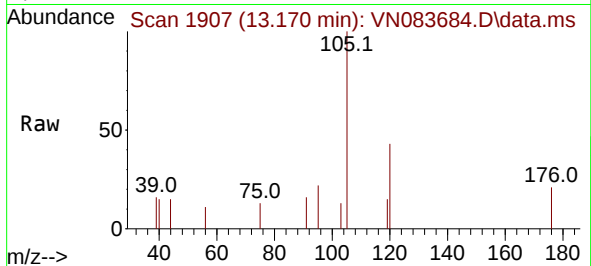




#80
1,3,5-Trimethylbenzene
Concen: 0.214 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

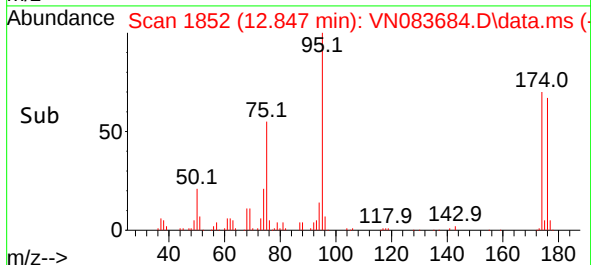
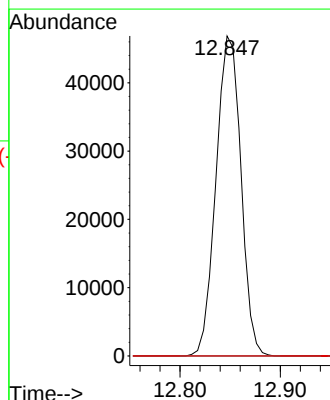
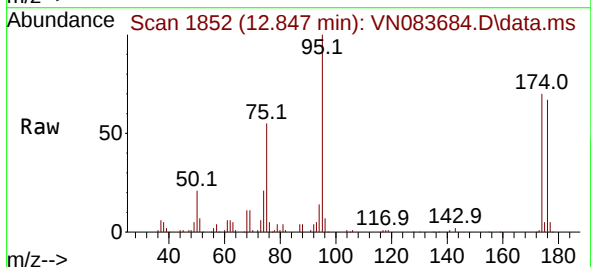
Instrument :
MSVOA_N
ClientSampleId :

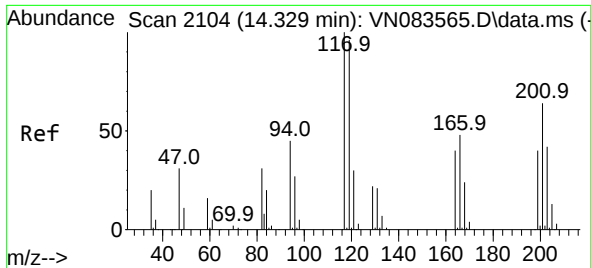
Tgt Ion:105 Resp: 2129
Ion Ratio Lower Upper
105 100
120 42.7 23.4 70.3



#81
trans-1,4-Dichloro-2-butene
Concen: 64.698 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083684.D
Acq: 05 Sep 2024 18:39

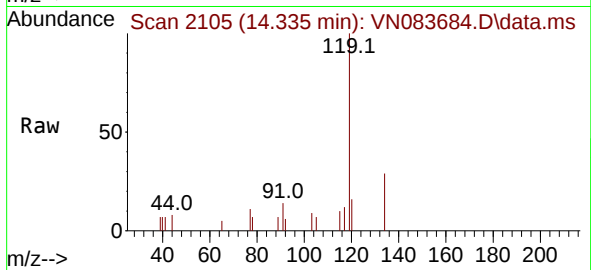
Tgt Ion: 75 Resp: 80942
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#





#90
 Hexachloroethane
 Concen: 0.265 ug/l
 RT: 14.335 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083684.D
 Acq: 05 Sep 2024 18:39

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:117 Resp: 508
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.8 98.3#

