

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083404.D
 Acq On : 20 Aug 2024 16:52
 Operator : JC\MD
 Sample : P3580-03ME
 Misc : 5.01g/10 mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 21 02:26:18 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)

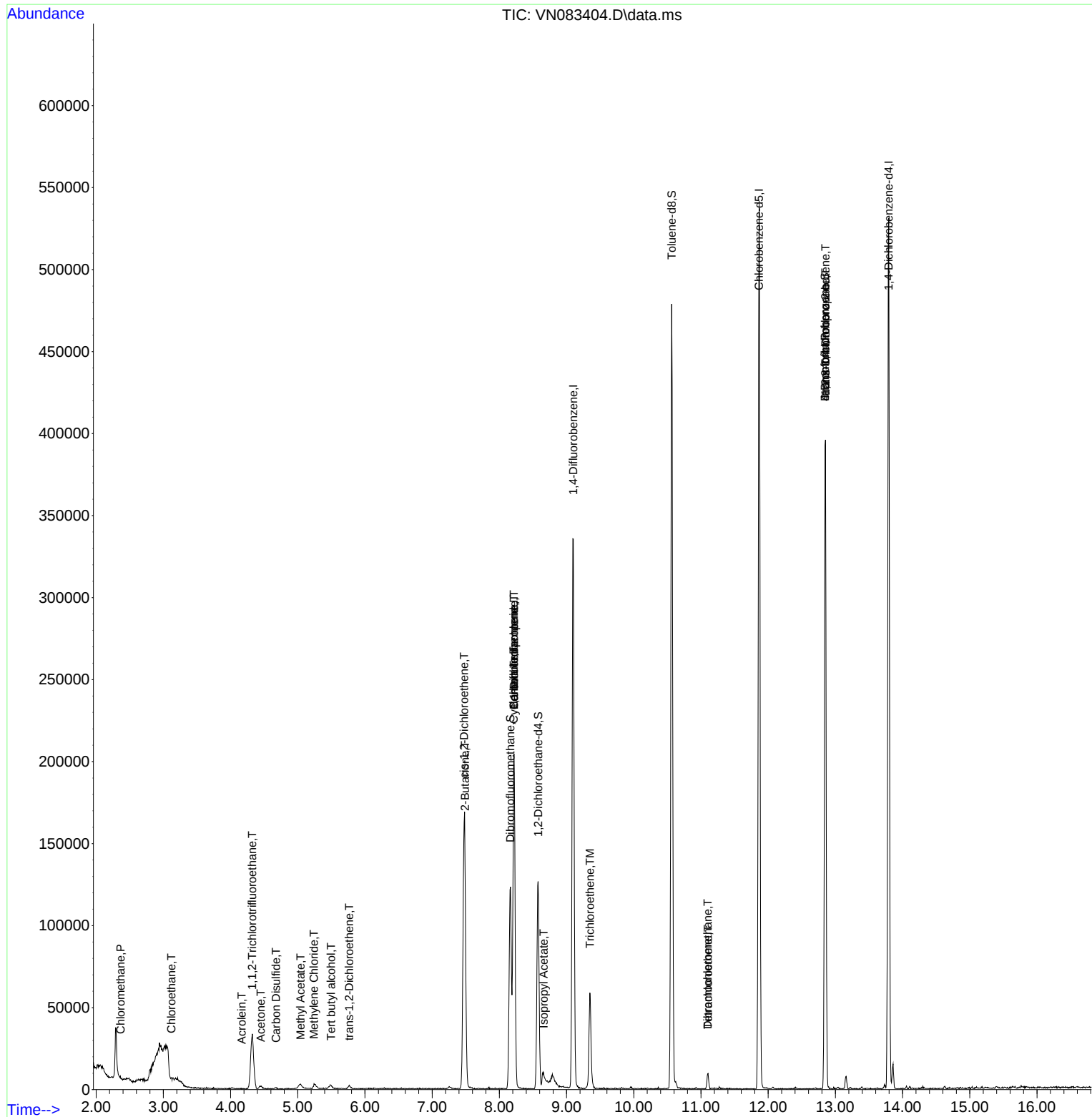
Internal Standards						
1) Pentafluorobenzene	8.218	168	140106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111437	55.879	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.760%
35) Dibromofluoromethane	8.165	113	88584	49.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	10.565	98	320967	48.442	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.847	95	143053	55.380	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.760%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	470	0.289	ug/l #	43
6) Chloroethane	3.118	64	881	0.848	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	4.324	101	23622	15.626	ug/l	96
11) Tert butyl alcohol	5.495	59	2070	4.995	ug/l #	71
13) Acrolein	4.165	56	62	0.230	ug/l #	14
16) Acetone	4.448	43	2364	3.029	ug/l	90
17) Carbon Disulfide	4.677	76	1582	0.348	ug/l #	75
18) Methyl Acetate	5.042	43	7149	3.075	ug/l #	82
20) Methylene Chloride	5.242	84	2366	1.317	ug/l #	51
21) trans-1,2-Dichloroethene	5.765	96	1051	0.655	ug/l #	70
25) 2-Butanone	7.488	43	922	0.769	ug/l #	1
27) cis-1,2-Dichloroethene	7.477	96	99853	51.550	ug/l	83
31) Cyclohexane	8.212	56	3654	1.236	ug/l #	14
36) 1,1-Dichloropropene	8.218	75	13288	4.945	ug/l #	52
38) Carbon Tetrachloride	8.218	117	16629	5.495	ug/l #	18
43) Isopropyl Acetate	8.659	43	9917	0.303	ug/l #	60
44) Trichloroethene	9.347	130	20069	10.533	ug/l	97
60) Dibromochloromethane	11.100	129	2299	1.049	ug/l #	10
64) Tetrachloroethene	11.106	164	2313	1.155	ug/l	96
71) Bromoform	12.847	173	616	0.345	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	77200	25.230	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	77200	54.882	ug/l #	6

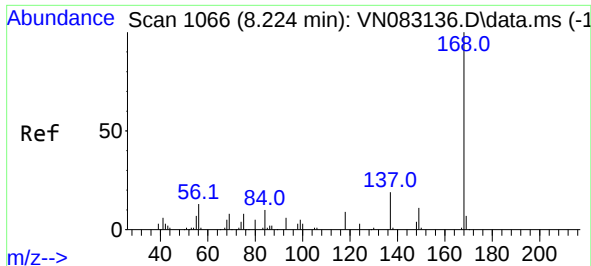
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
Data File : VN083404.D
Acq On : 20 Aug 2024 16:52
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Sample : P3580-03ME
Misc : 5.01g/10 mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

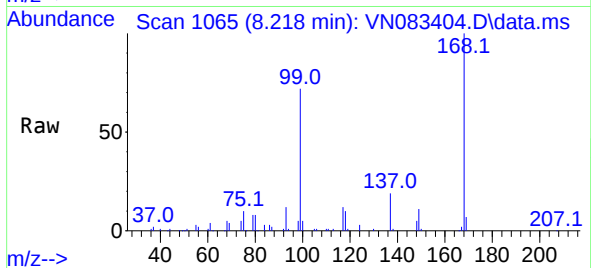
Quant Time: Aug 21 02:26:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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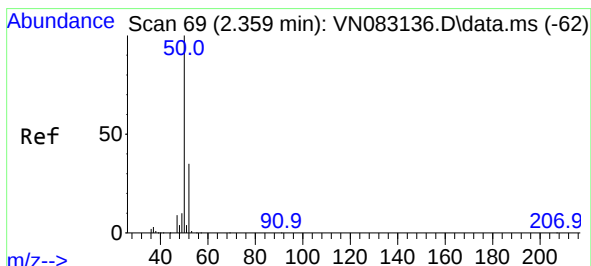
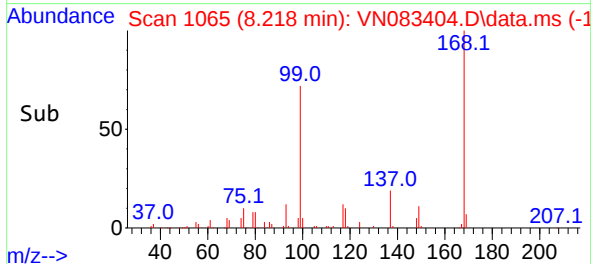
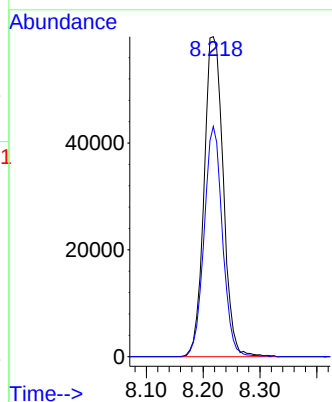


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

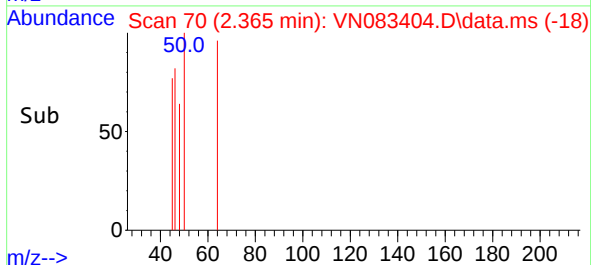
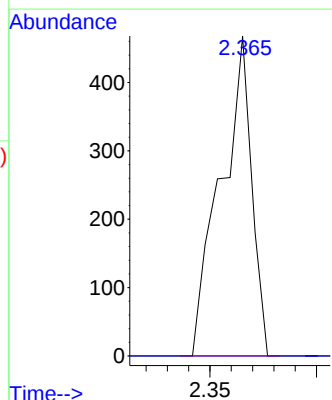
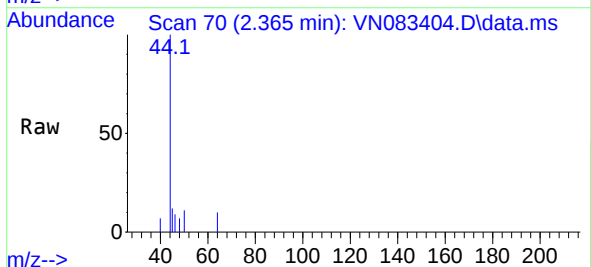


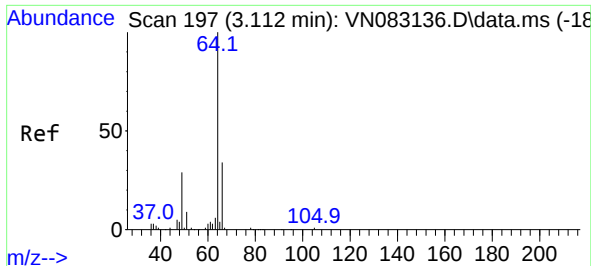
Tgt Ion:168 Resp: 140106
Ion Ratio Lower Upper
168 100
99 72.0 48.2 72.4



#3
Chloromethane
Concen: 0.289 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

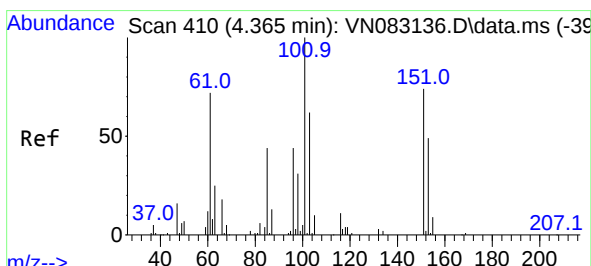
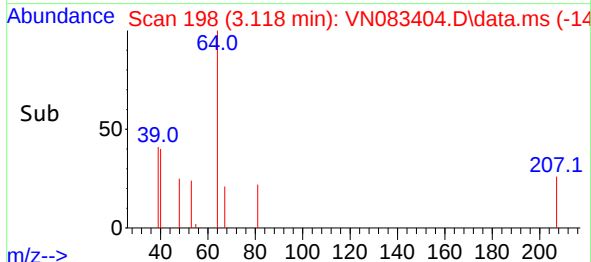
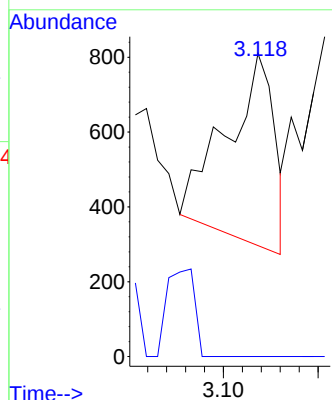
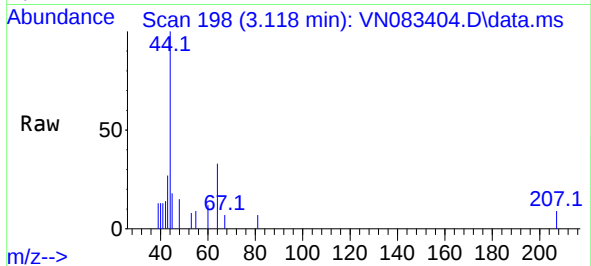




#6
Chloroethane
Concen: 0.848 ug/l
RT: 3.118 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

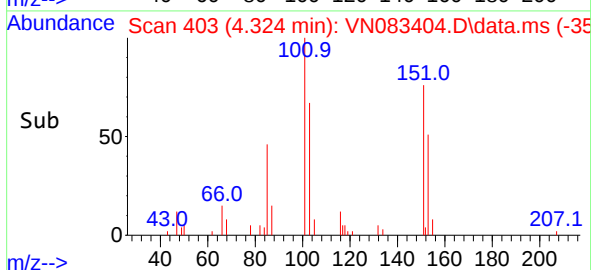
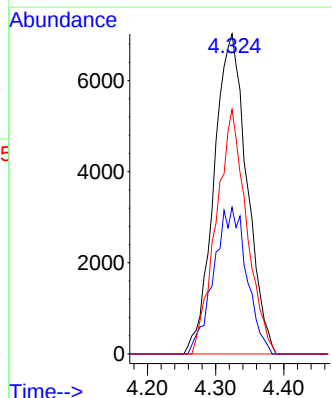
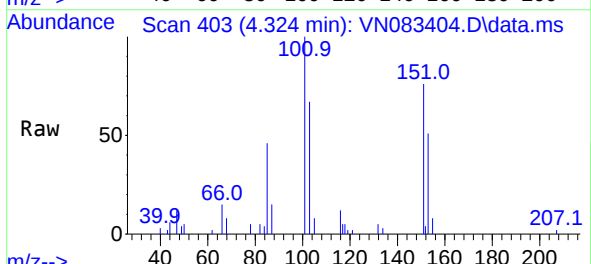
Instrument :
MSVOA_N
ClientSampleId :

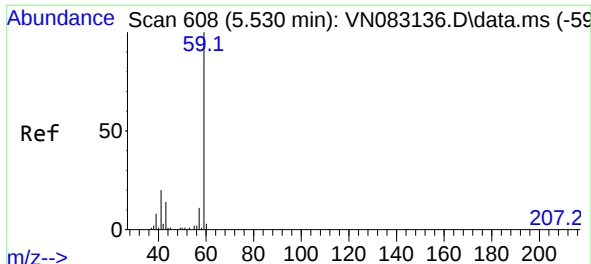
Tgt Ion: 64 Resp: 881
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.626 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.041 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

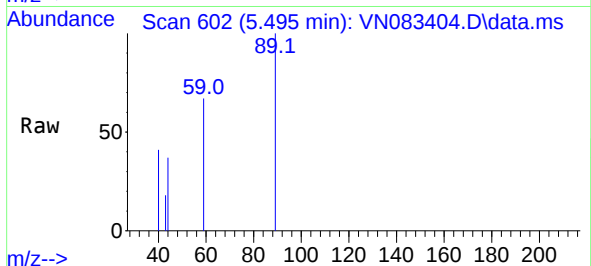
Tgt Ion:101 Resp: 23622
Ion Ratio Lower Upper
101 100
85 45.9 38.3 57.5
151 70.6 59.3 88.9



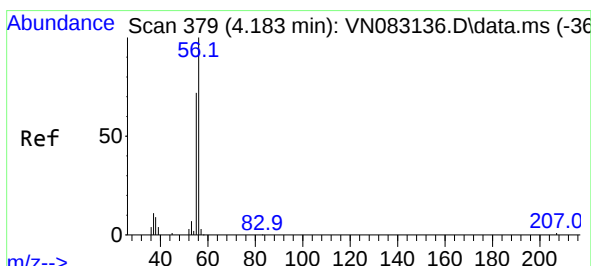
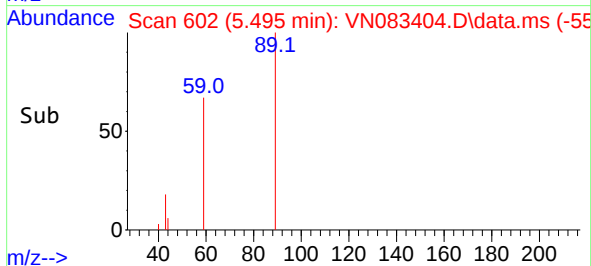
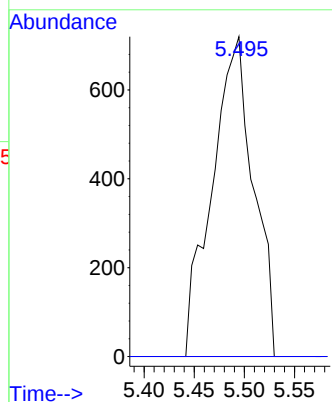


#11
Tert butyl alcohol
Concen: 4.995 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

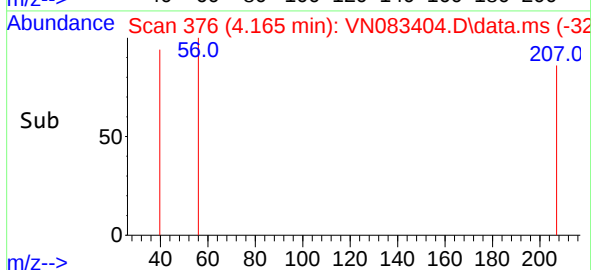
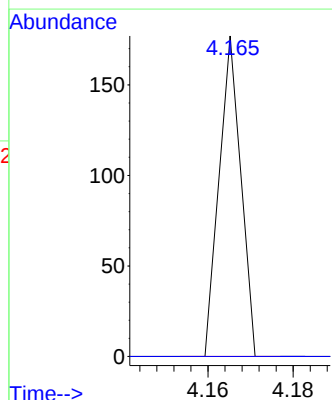
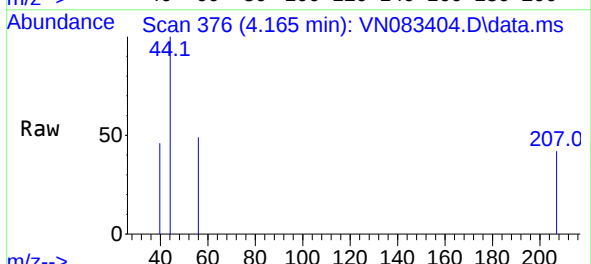


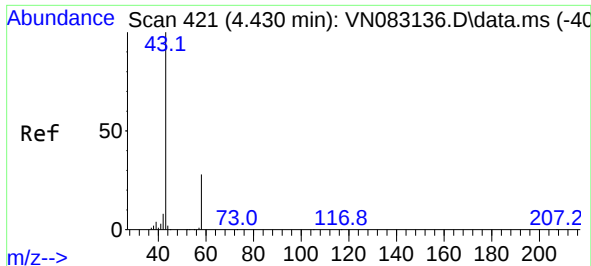
Tgt Ion: 59 Resp: 2070
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.230 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.018 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

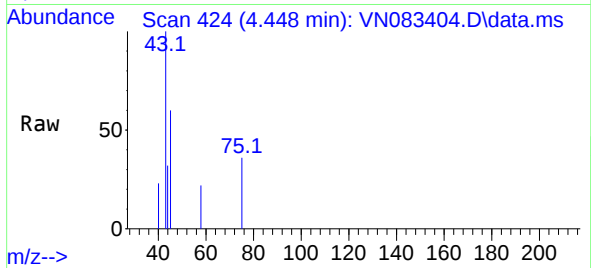
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



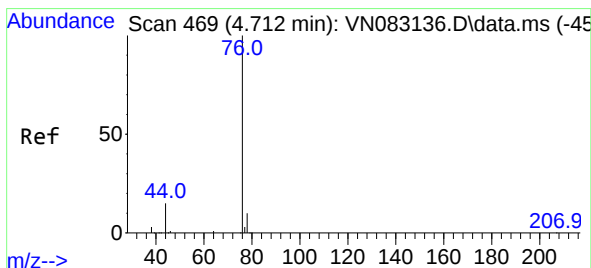
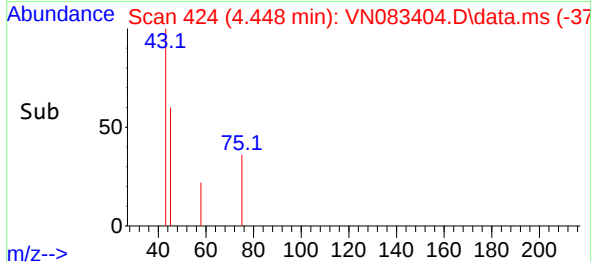
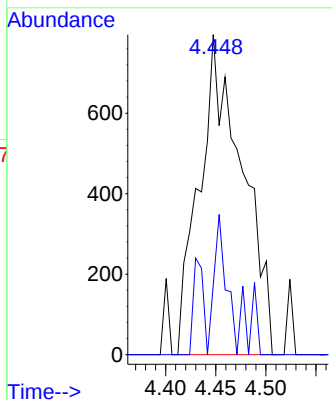


#16
Acetone
Concen: 3.029 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

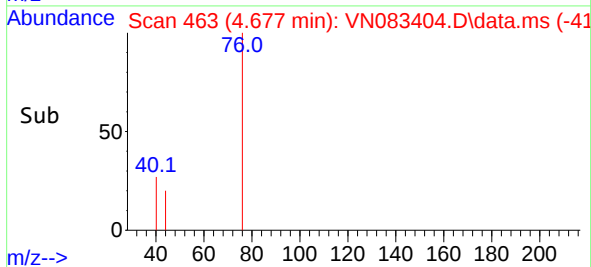
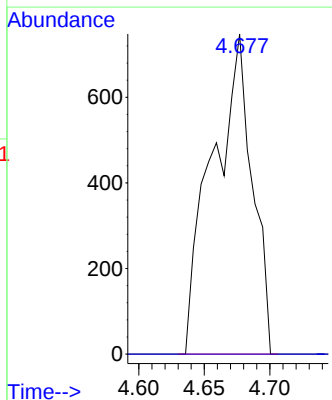
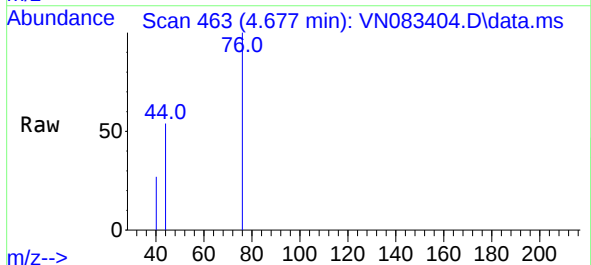


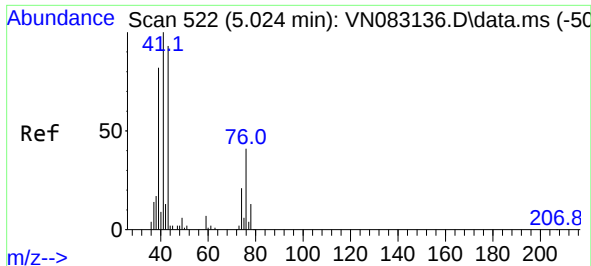
Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
58 21.8 21.8 32.6



#17
Carbon Disulfide
Concen: 0.348 ug/l
RT: 4.677 min Scan# 463
Delta R.T. -0.035 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Tgt Ion: 76 Resp: 1582
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 3.075 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN083404.D

Acq: 20 Aug 2024 16:52

Instrument :

MSVOA_N

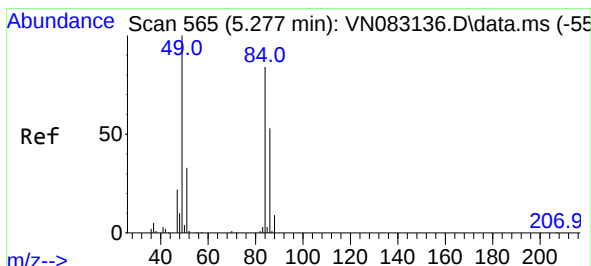
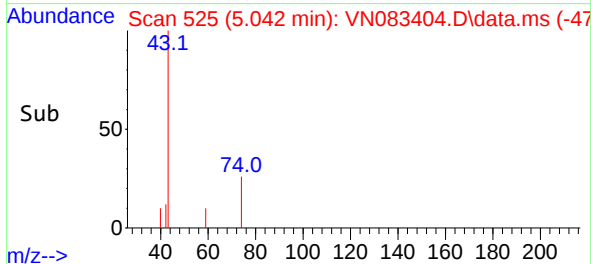
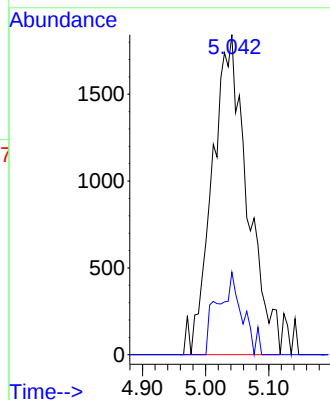
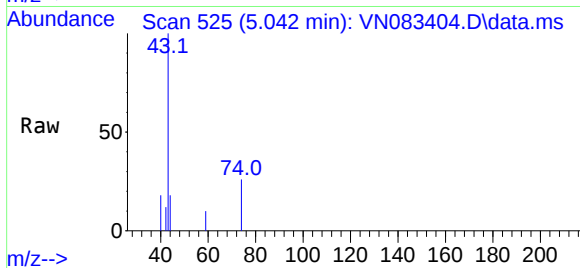
ClientSampleId :

Tgt Ion: 43 Resp: 7149

Ion Ratio Lower Upper

43 100

74 12.1 16.3 24.5#



#20

Methylene Chloride

Concen: 1.317 ug/l

RT: 5.242 min Scan# 559

Delta R.T. -0.035 min

Lab File: VN083404.D

Acq: 20 Aug 2024 16:52

Tgt Ion: 84 Resp: 2366

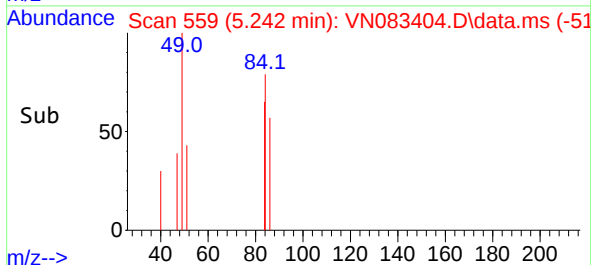
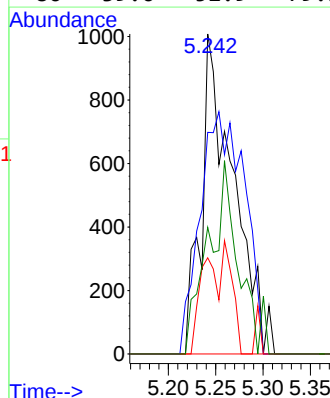
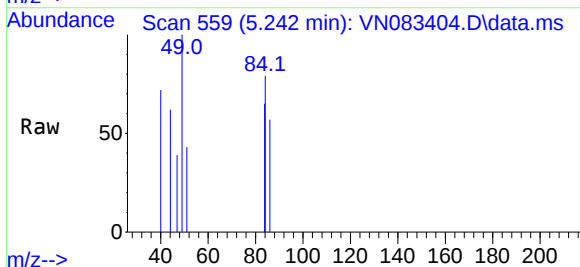
Ion Ratio Lower Upper

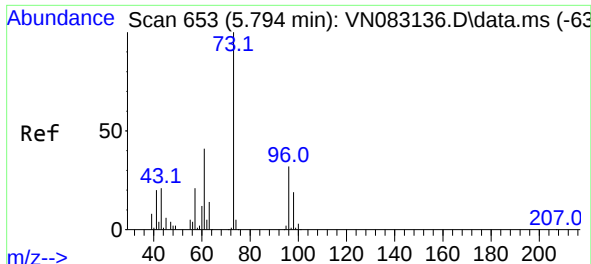
84 100

49 69.2 119.6 179.4#

51 30.1 34.8 52.2#

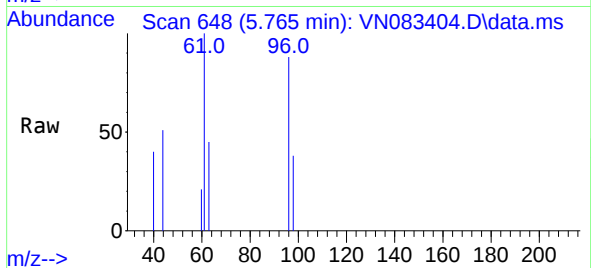
86 39.6 52.9 79.3#



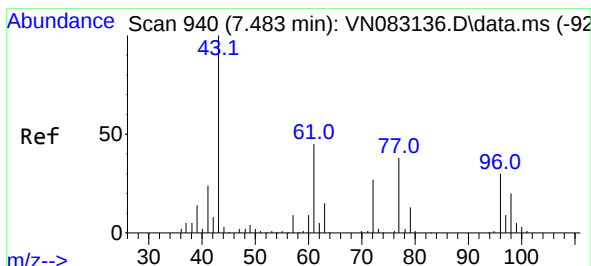
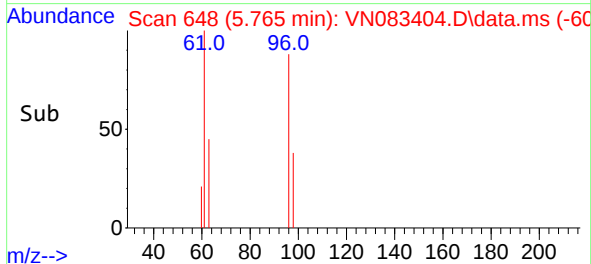
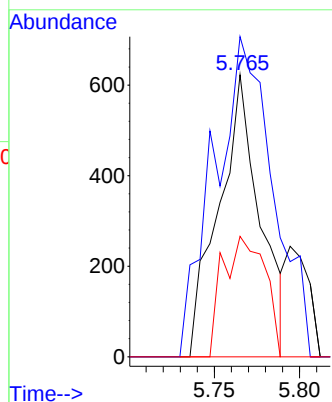


#21
trans-1,2-Dichloroethene
Concen: 0.655 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.029 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

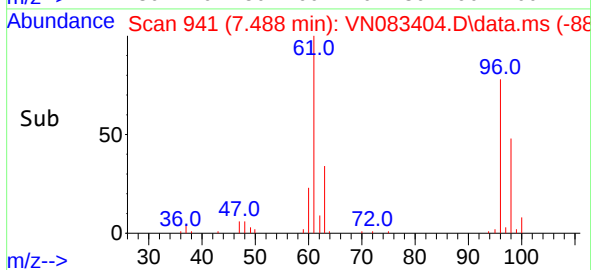
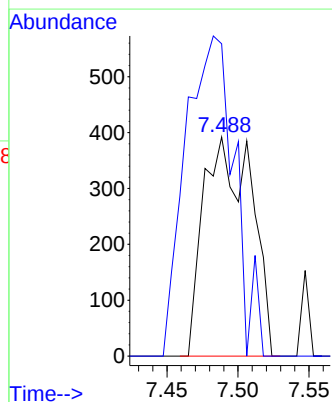
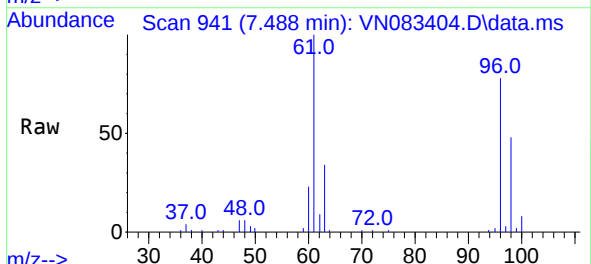


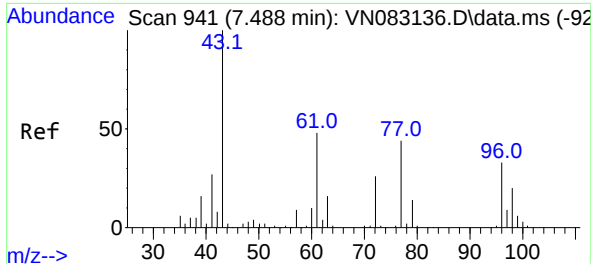
Tgt Ion: 96 Resp: 1051
Ion Ratio Lower Upper
96 100
61 113.5 123.4 185.2#
98 42.7 49.3 73.9#



#25
2-Butanone
Concen: 0.769 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

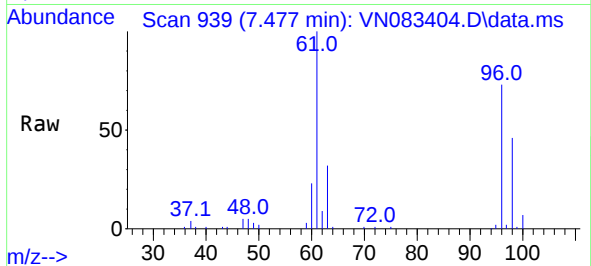
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
72 142.6 18.2 27.2#



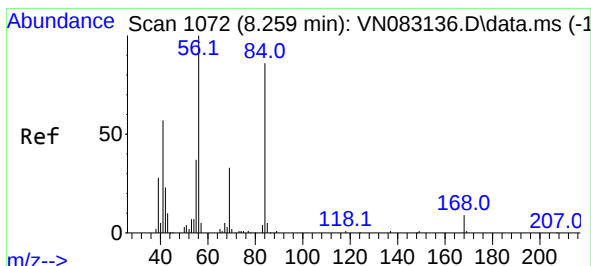
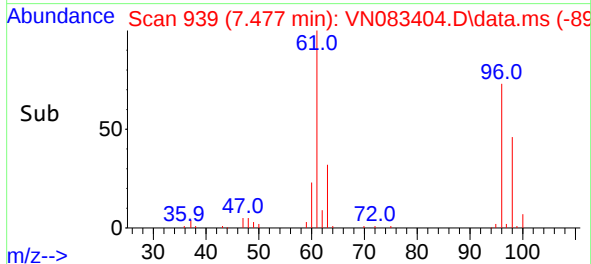
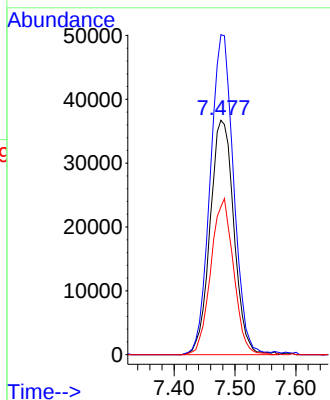


#27
cis-1,2-Dichloroethene
Concen: 51.550 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

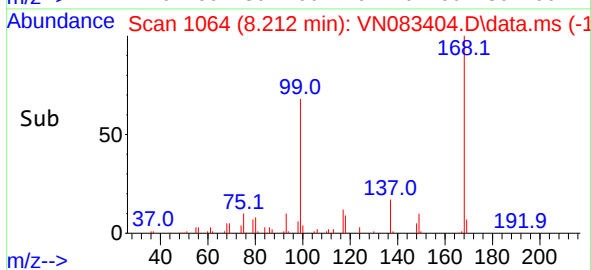
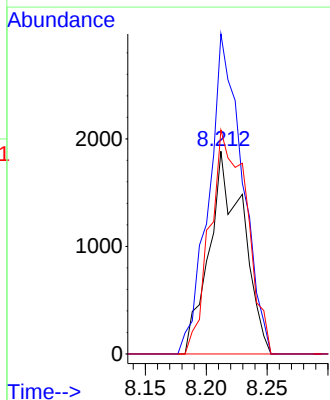
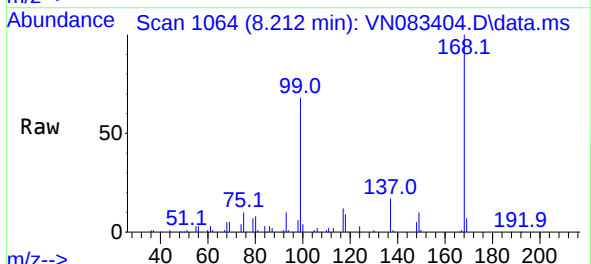


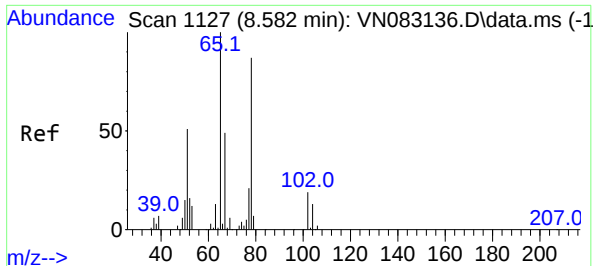
Tgt Ion: 96 Resp: 99853
Ion Ratio Lower Upper
96 100
61 134.0 0.0 329.6
98 63.7 0.0 128.6



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Tgt Ion: 56 Resp: 3654
Ion Ratio Lower Upper
56 100
69 157.8 24.5 36.7#
84 110.5 66.0 99.0#

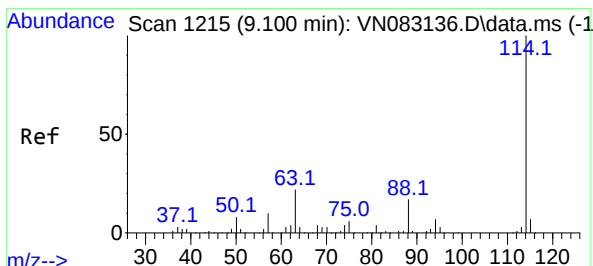
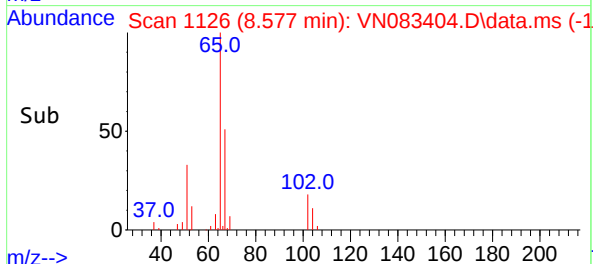
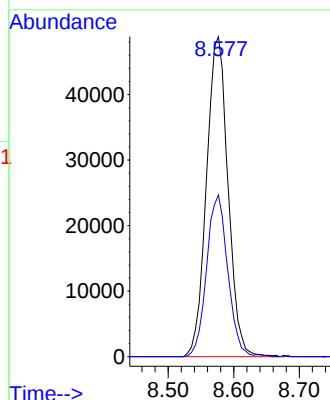
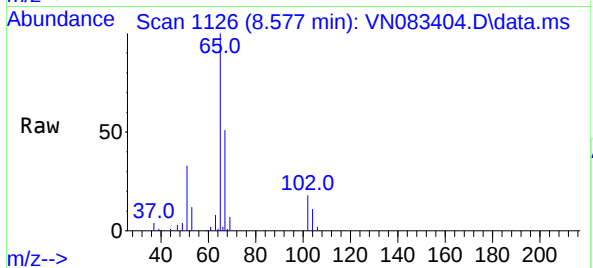




#33
1,2-Dichloroethane-d4
Concen: 55.879 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

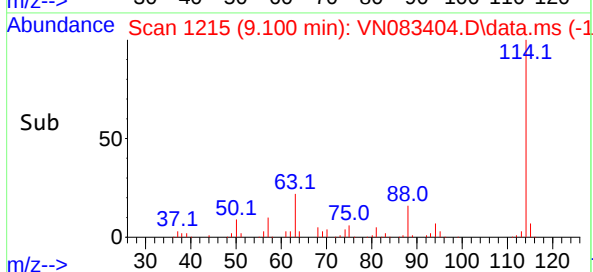
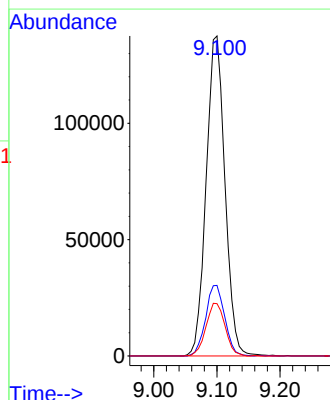
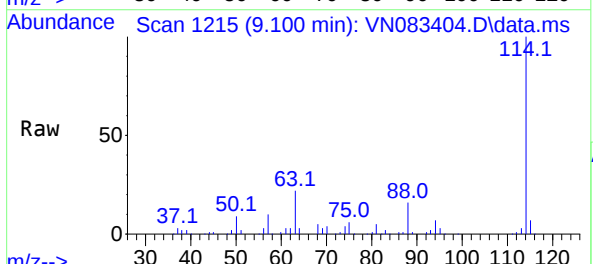
Instrument :
MSVOA_N
ClientSampleId :

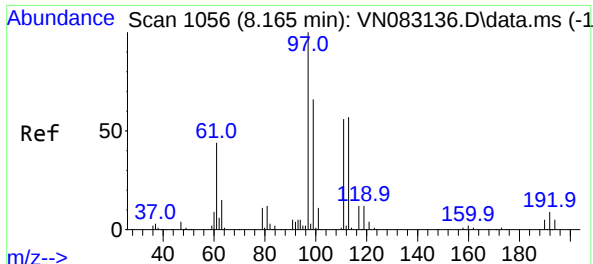
Tgt Ion: 65 Resp: 111437
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

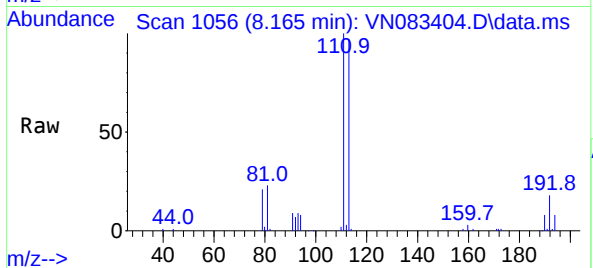
Tgt Ion:114 Resp: 284574
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.6
88 16.4 0.0 31.4



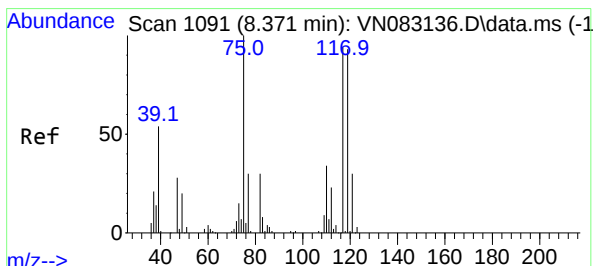
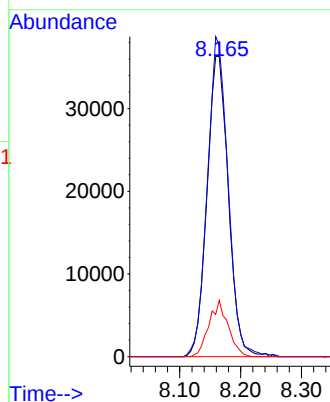
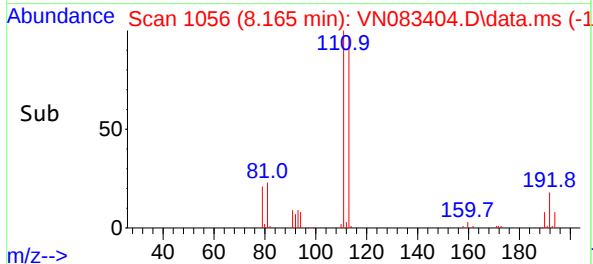


#35
Dibromofluoromethane
Concen: 49.871 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

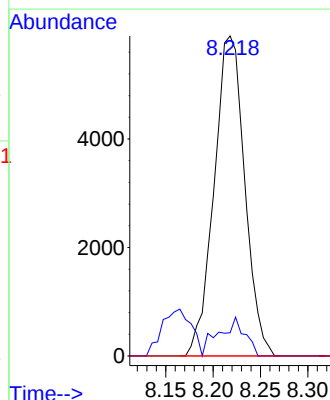
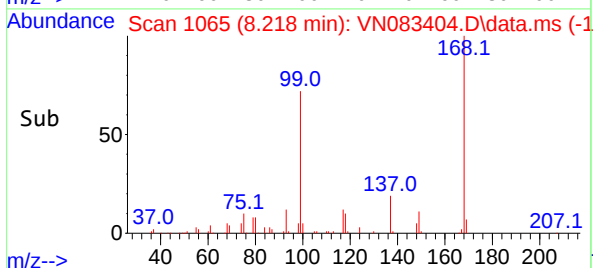
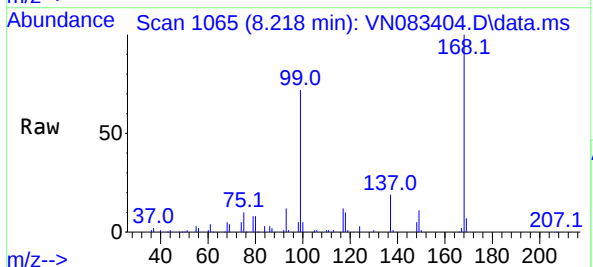


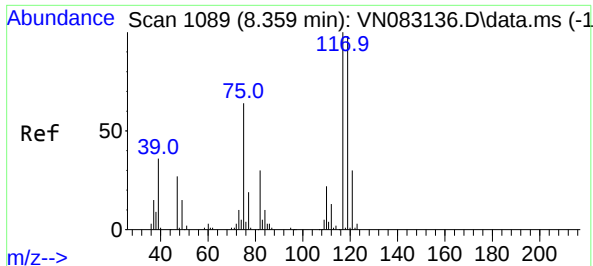
Tgt Ion:113 Resp: 88584
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 16.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

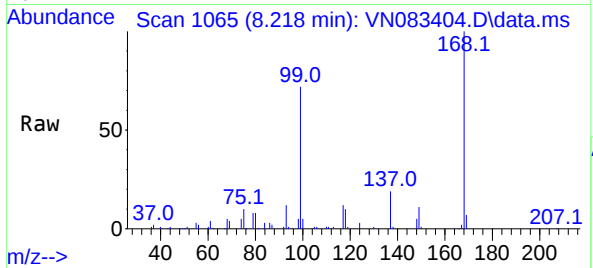
Tgt Ion: 75 Resp: 13288
Ion Ratio Lower Upper
75 100
110 10.1 16.3 48.9#
77 0.0 24.6 37.0#



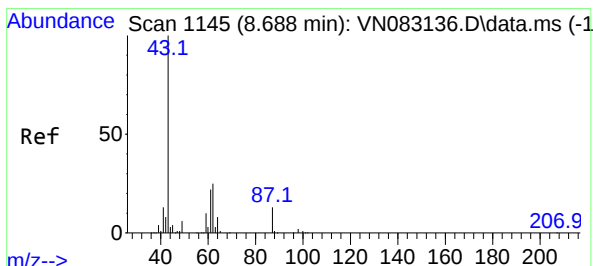
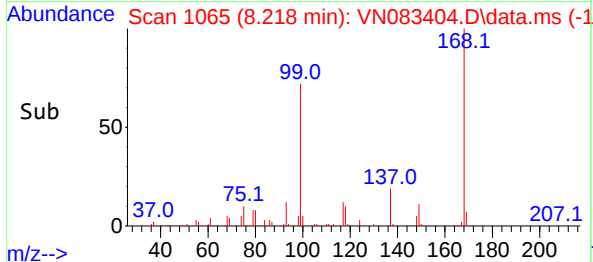
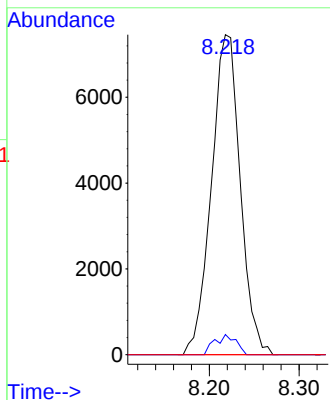


#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

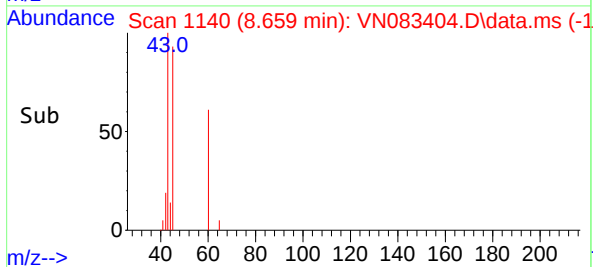
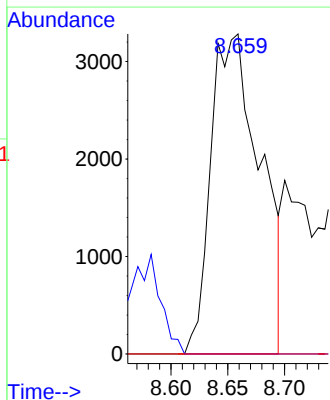
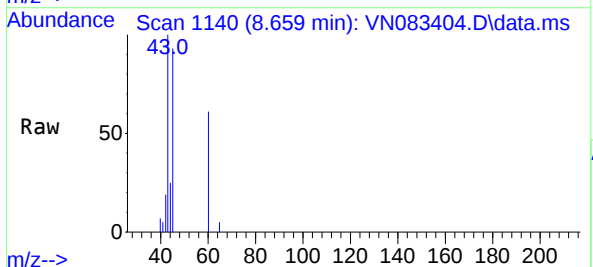


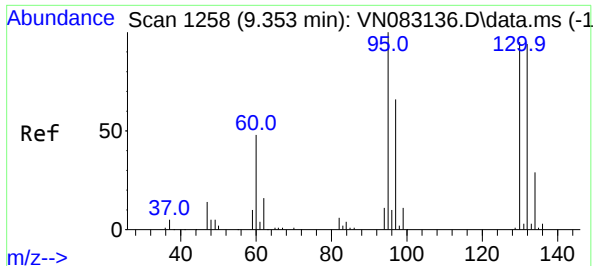
Tgt Ion:117 Resp: 16629
Ion Ratio Lower Upper
117 100
119 6.3 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.303 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.029 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Tgt Ion: 43 Resp: 9917
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

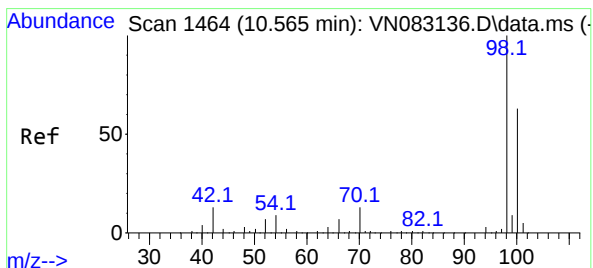
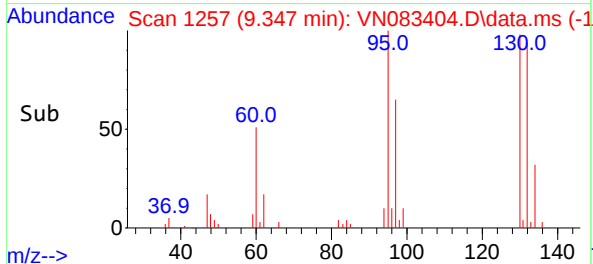
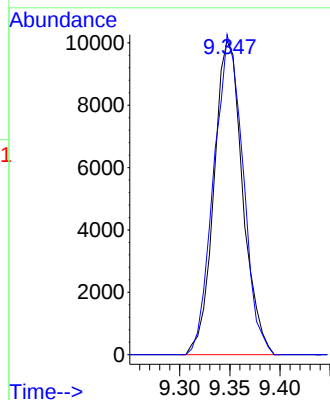
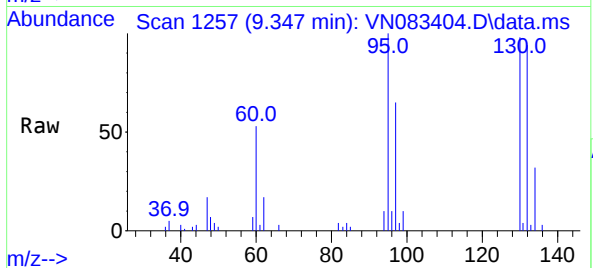




#44
Trichloroethene
Concen: 10.533 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

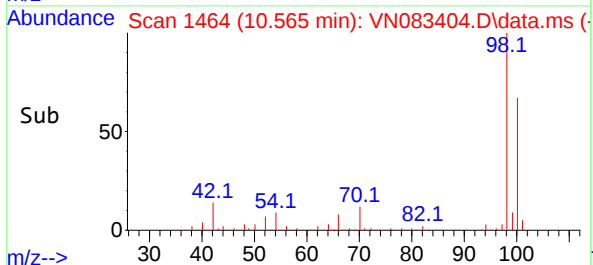
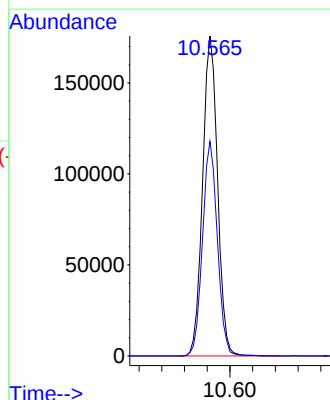
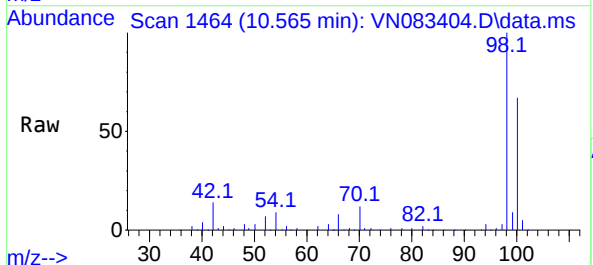
Instrument :
MSVOA_N
ClientSampleId :

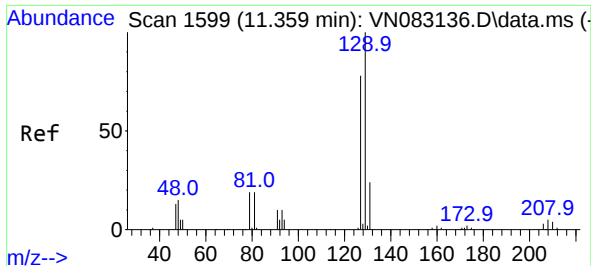
Tgt Ion:130 Resp: 20069
Ion Ratio Lower Upper
130 100
95 102.0 0.0 197.8



#50
Toluene-d8
Concen: 48.442 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

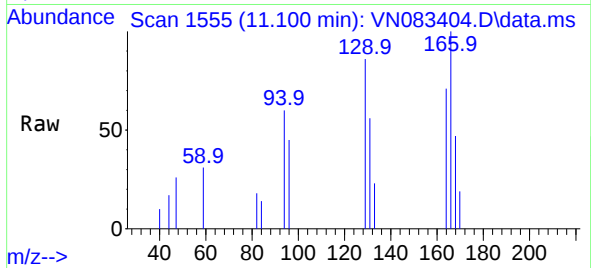
Tgt Ion: 98 Resp: 320967
Ion Ratio Lower Upper
98 100
100 66.5 51.5 77.3



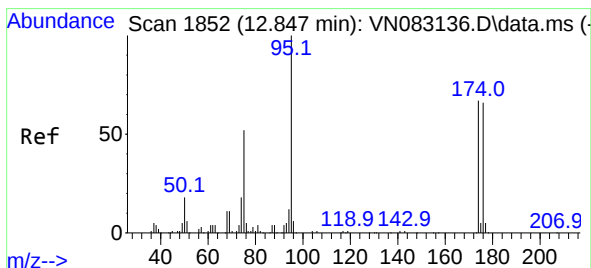
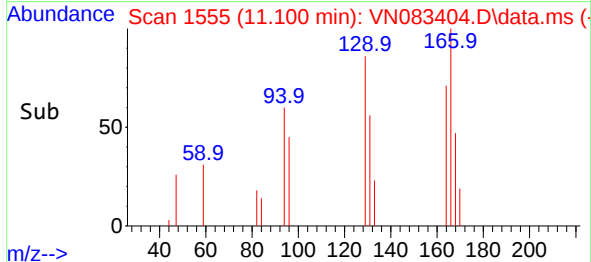
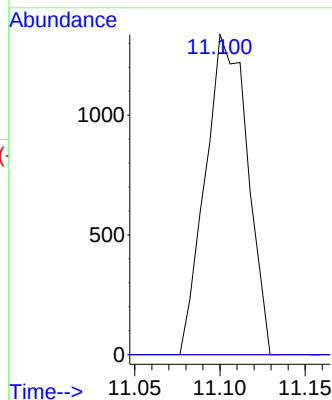


#60
Dibromochloromethane
Concen: 1.049 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

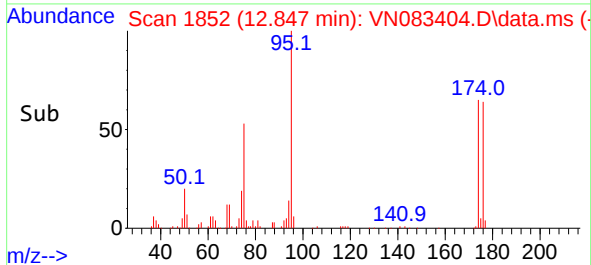
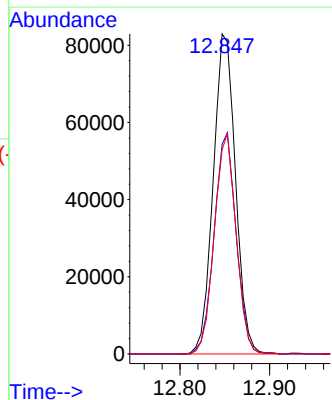
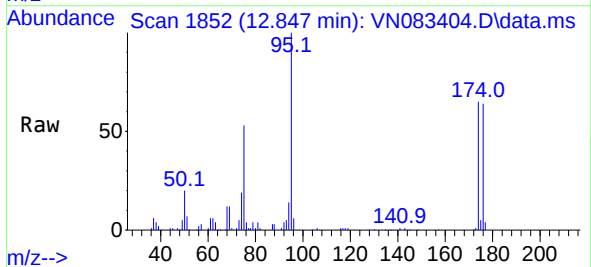


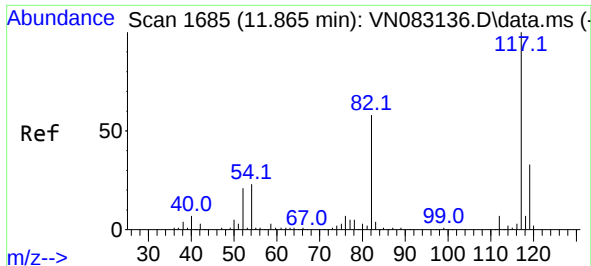
Tgt Ion:129 Resp: 2299
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#62
4-Bromofluorobenzene
Concen: 55.380 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

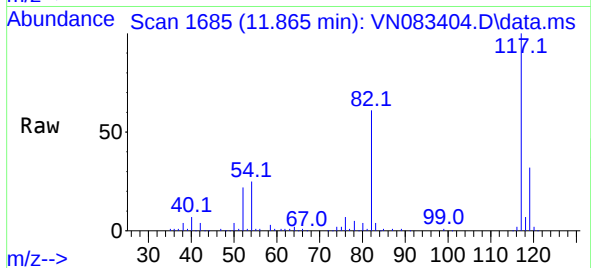
Tgt Ion: 95 Resp: 143053
Ion Ratio Lower Upper
95 100
174 68.2 0.0 159.2
176 67.0 0.0 147.6



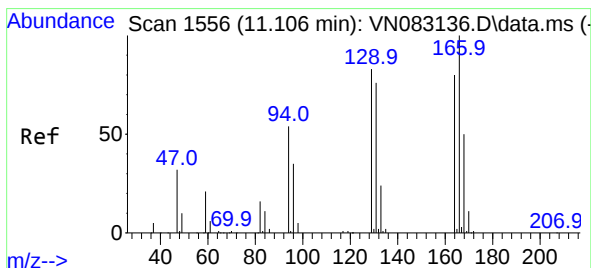
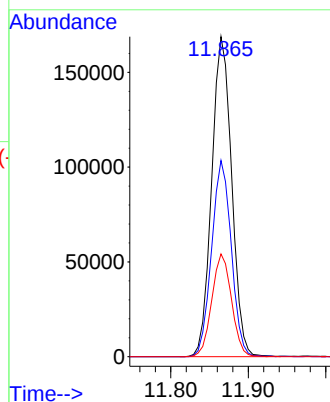
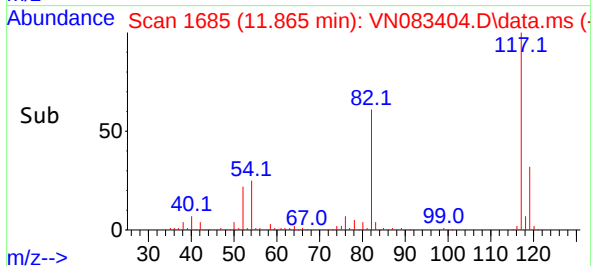


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

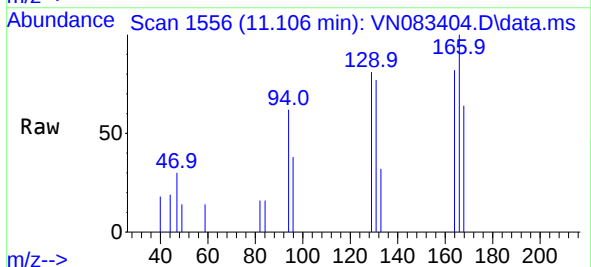
Instrument :
MSVOA_N
ClientSampleId :



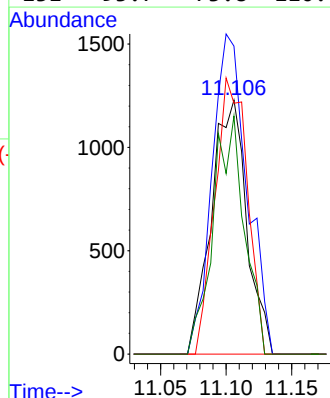
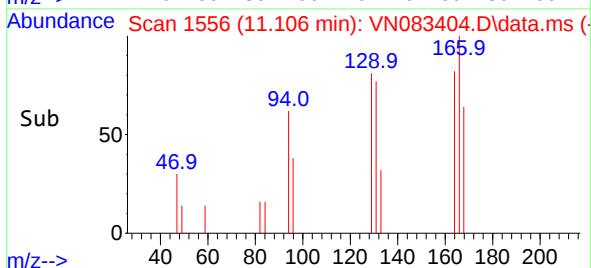
Tgt Ion:117 Resp: 302467
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 32.1 25.6 38.4

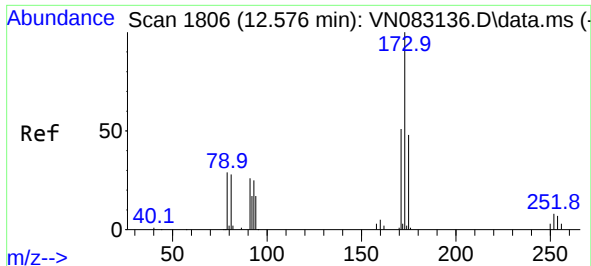


#64
Tetrachloroethene
Concen: 1.155 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52



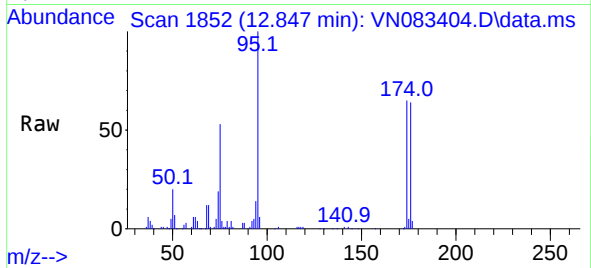
Tgt Ion:164 Resp: 2313
Ion Ratio Lower Upper
164 100
166 121.2 101.4 152.0
129 98.8 75.7 113.5
131 93.7 73.8 110.6



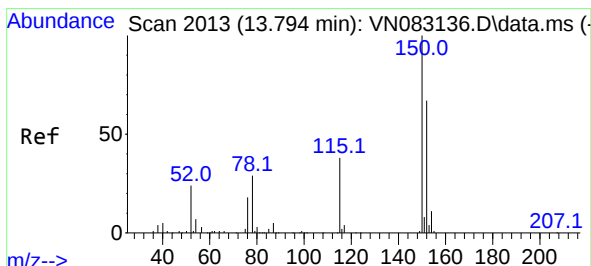
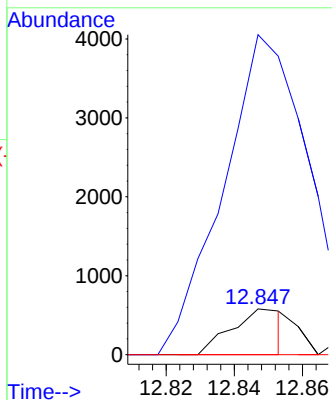
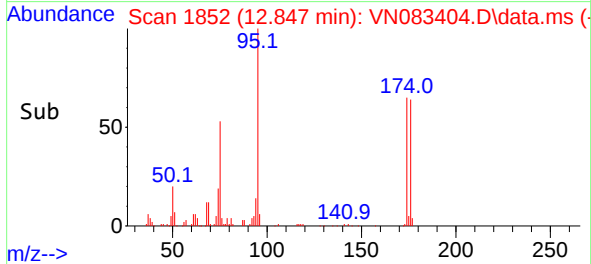


#71
Bromoform
Concen: 0.345 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

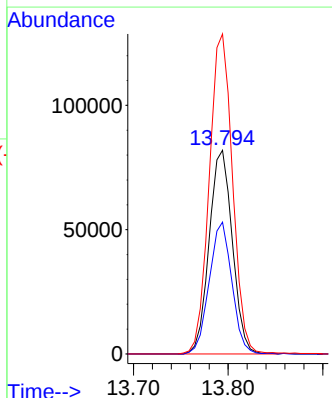
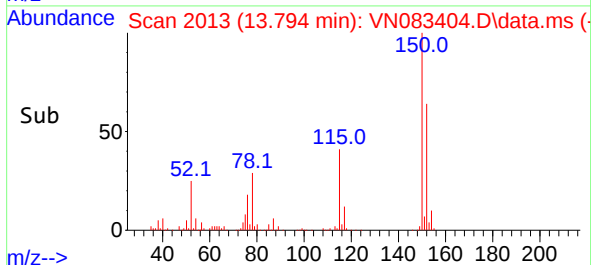
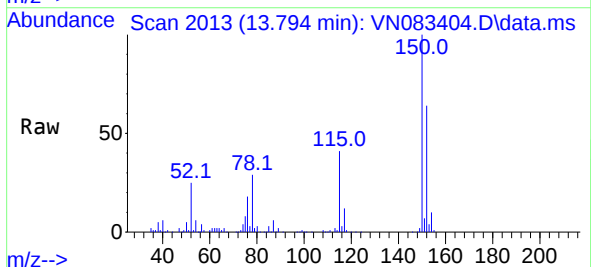


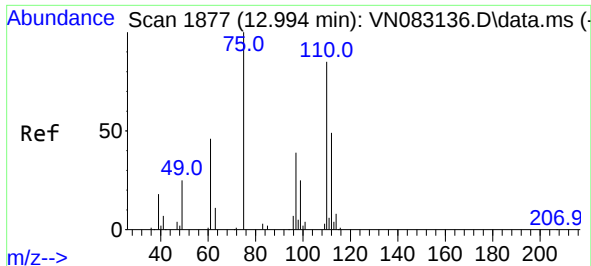
Tgt Ion:173 Resp: 616
Ion Ratio Lower Upper
173 100
175 809.1 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Tgt Ion:152 Resp: 139414
Ion Ratio Lower Upper
152 100
115 63.1 30.6 91.6
150 157.9 0.0 348.6

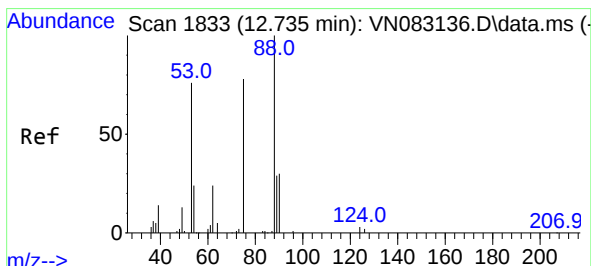
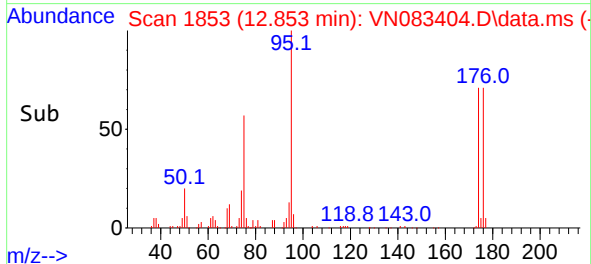
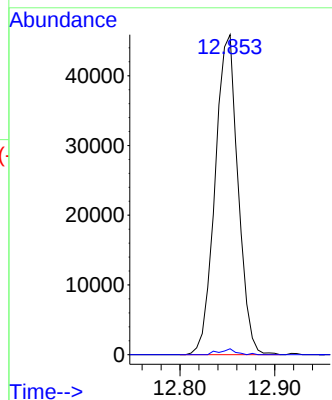
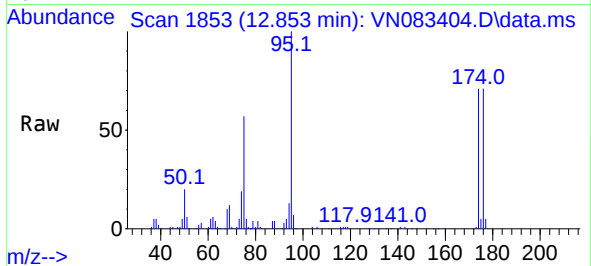




#76
1,2,3-Trichloropropane
Concen: 25.230 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 77200
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.882 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083404.D
Acq: 20 Aug 2024 16:52

Tgt Ion: 75 Resp: 77200
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

