

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083442.D
 Acq On : 22 Aug 2024 17:45
 Operator : JC\MD
 Sample : P3656-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:42:53 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)

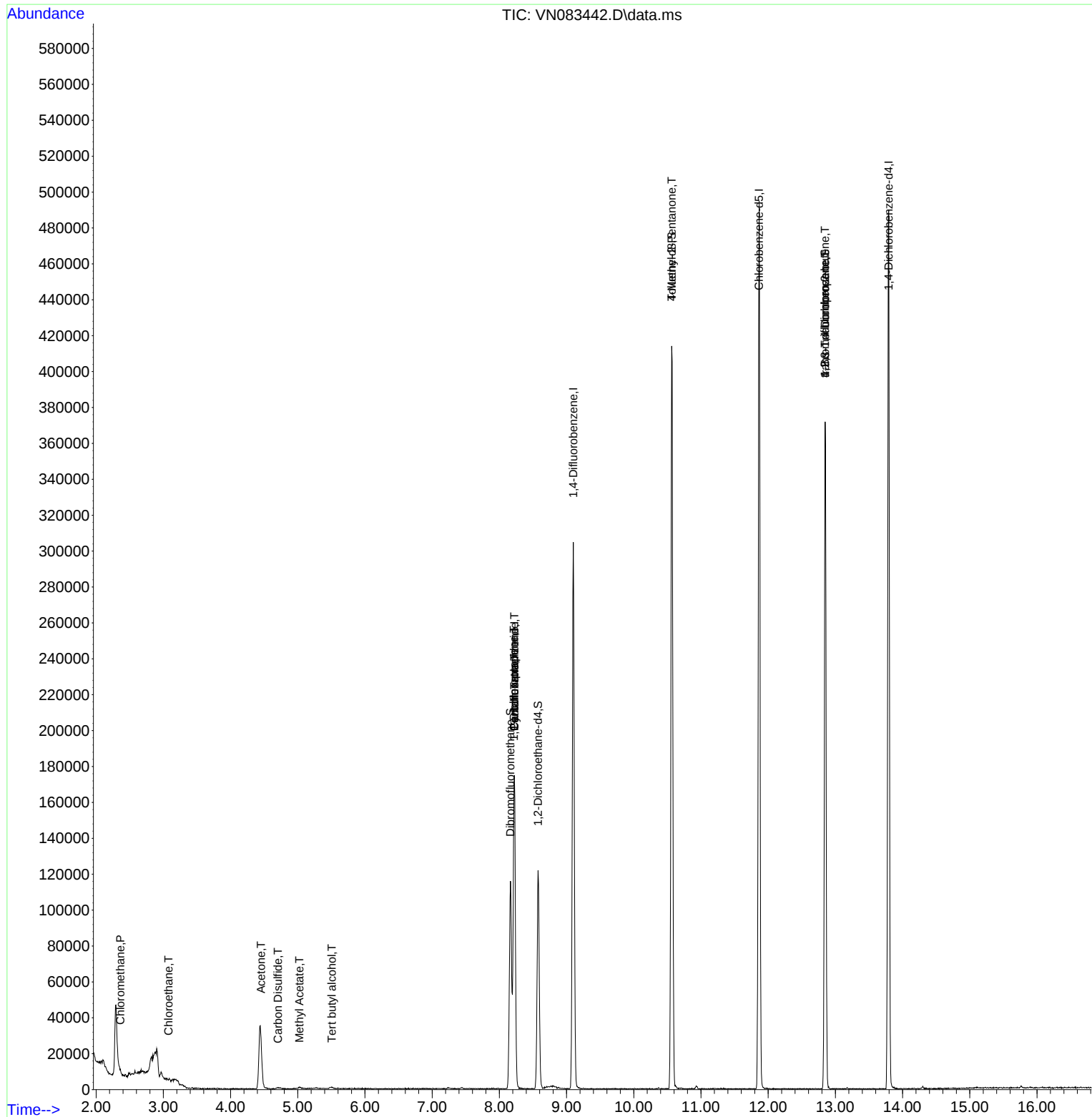
Internal Standards						
1) Pentafluorobenzene	8.224	168	122511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103252	59.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.420%	
35) Dibromofluoromethane	8.165	113	81243	52.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.160%	
50) Toluene-d8	10.565	98	285576	49.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.160%	
62) 4-Bromofluorobenzene	12.847	95	133608	58.898	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	991	0.697	ug/l #	69
6) Chloroethane	3.077	64	1047	1.153	ug/l	93
11) Tert butyl alcohol	5.506	59	811	2.238	ug/l #	71
16) Acetone	4.453	43	1717	2.516	ug/l #	48
17) Carbon Disulfide	4.706	76	2087	0.525	ug/l #	75
18) Methyl Acetate	5.024	43	1694	0.833	ug/l #	63
31) Cyclohexane	8.224	56	3193	1.236	ug/l #	18
36) 1,1-Dichloropropene	8.218	75	11123	4.714	ug/l #	46
38) Carbon Tetrachloride	8.224	117	14341	5.396	ug/l #	18
43) Isopropyl Acetate	8.735	43	1483	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1350	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	73467	26.127	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73467	56.832	ug/l #	6

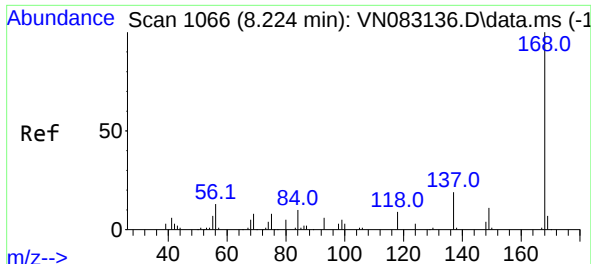
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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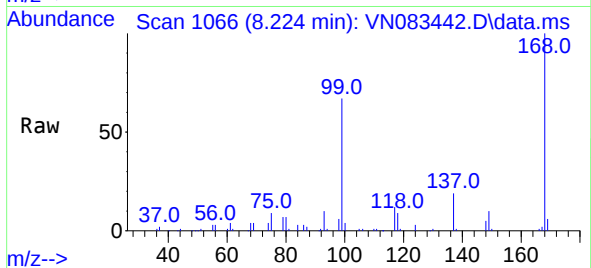
Quant Time: Aug 23 01:42:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



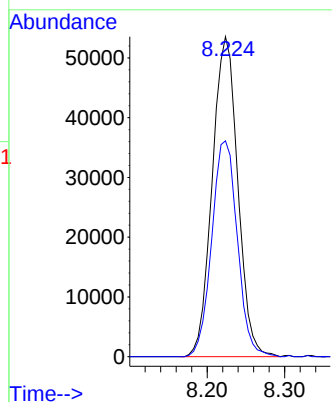
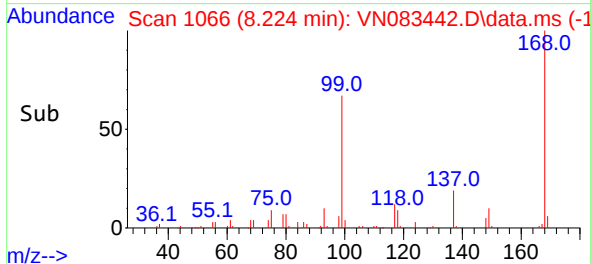


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :

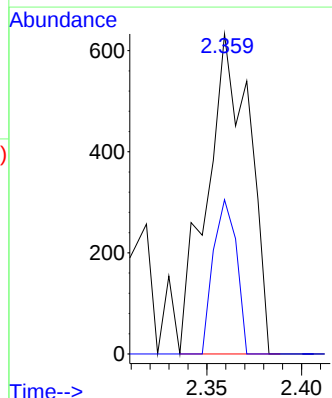
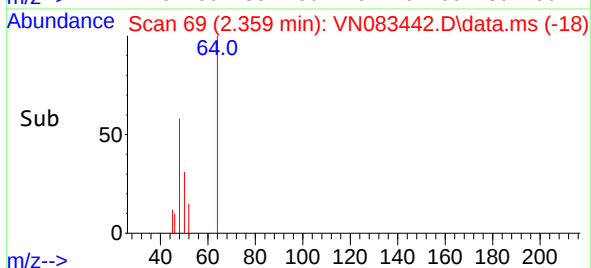
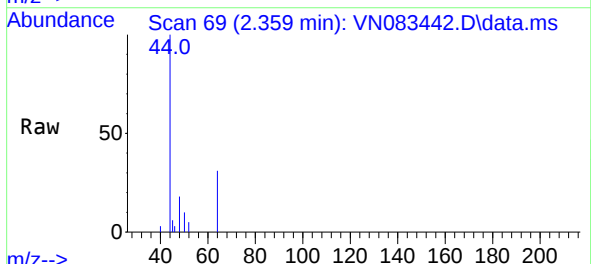


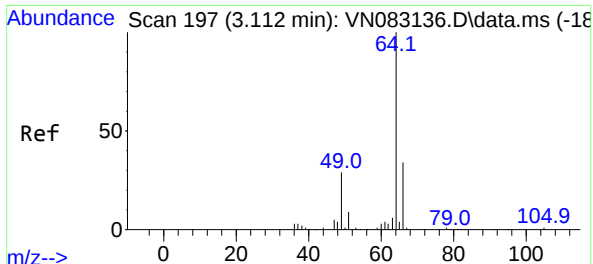
Tgt Ion:168 Resp: 122511
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#3
Chloromethane
Concen: 0.697 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Tgt Ion: 50 Resp: 991
Ion Ratio Lower Upper
50 100
52 48.2 25.0 37.4#

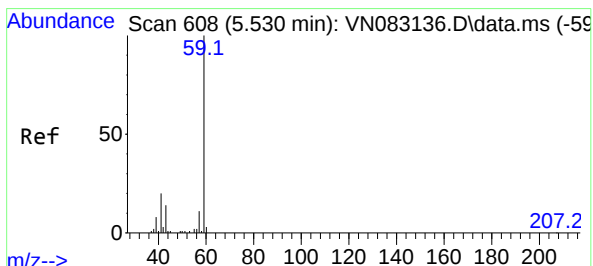
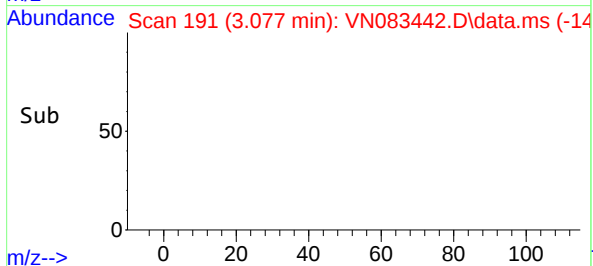
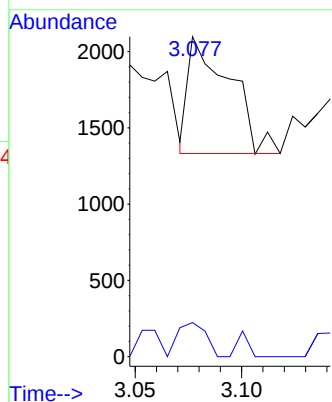
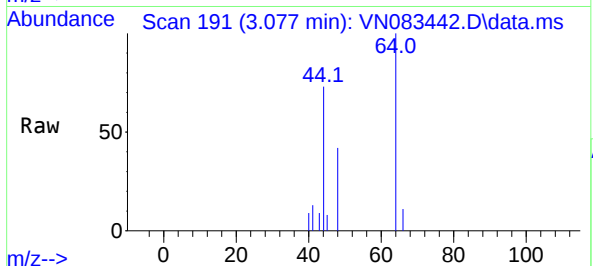




#6
Chloroethane
Concen: 1.153 ug/l
RT: 3.077 min Scan# 19
Delta R.T. -0.035 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

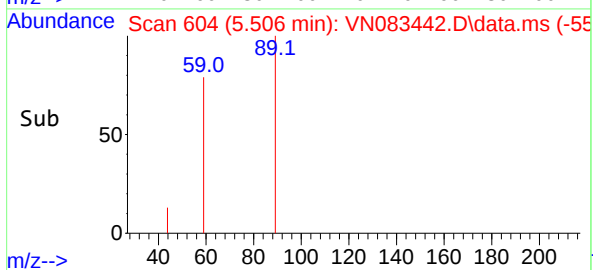
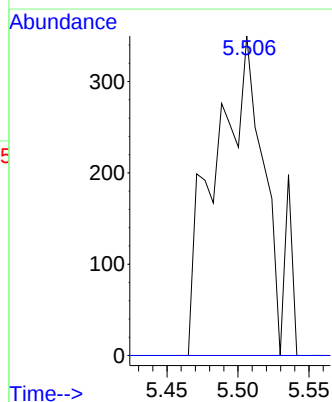
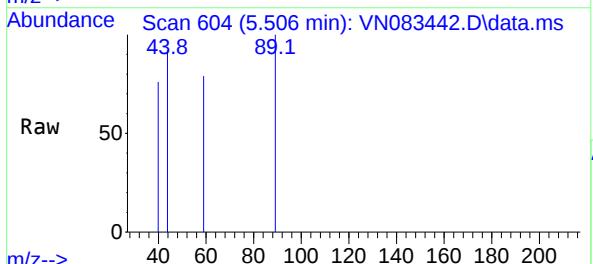
Instrument :
MSVOA_N
ClientSampleId :

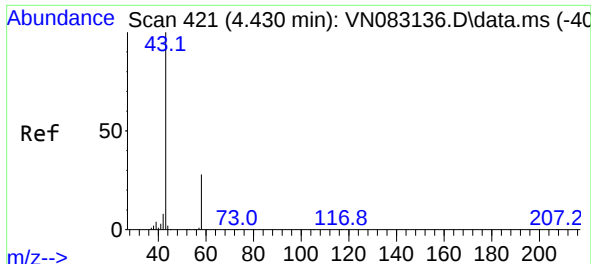
Tgt Ion: 64 Resp: 1047
Ion Ratio Lower Upper
64 100
66 29.1 26.6 40.0



#11
Tert butyl alcohol
Concen: 2.238 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

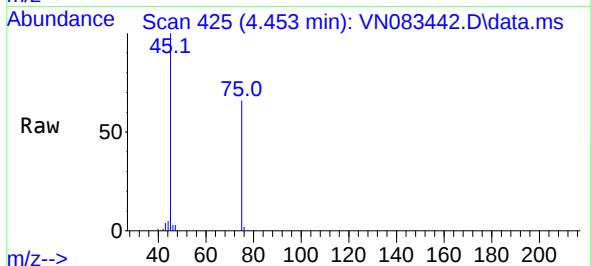
Tgt Ion: 59 Resp: 811
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



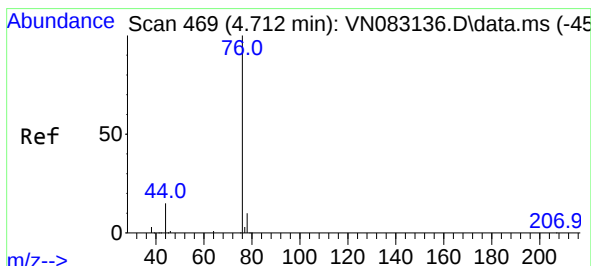
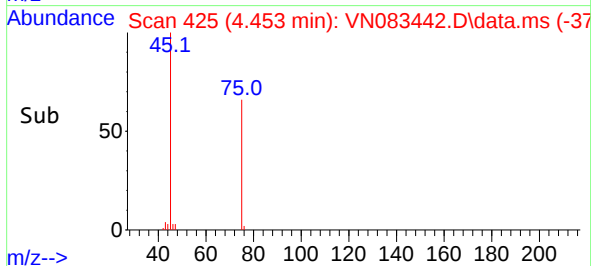
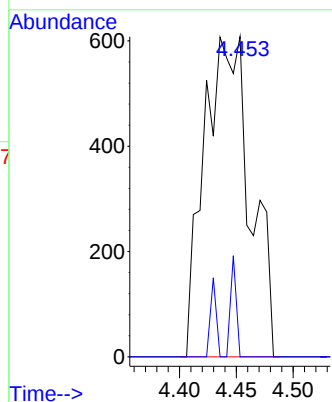


#16
Acetone
Concen: 2.516 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :

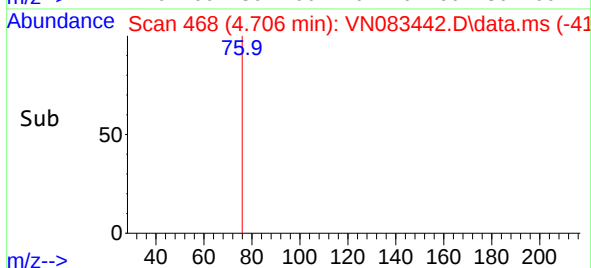
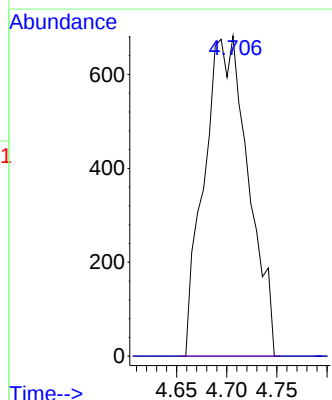
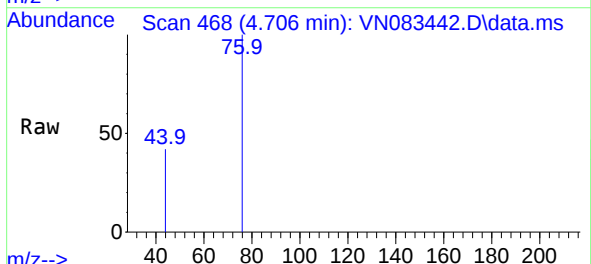


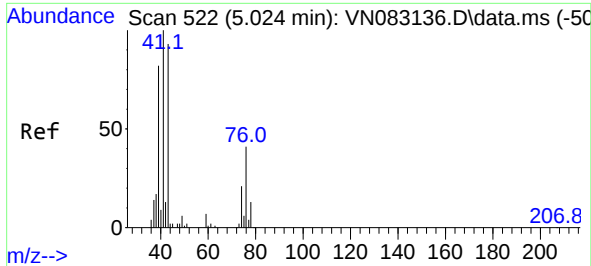
Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.525 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

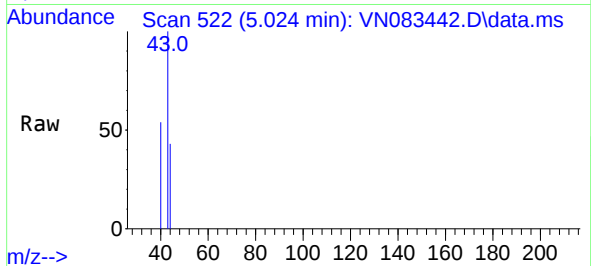
Tgt Ion: 76 Resp: 2087
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



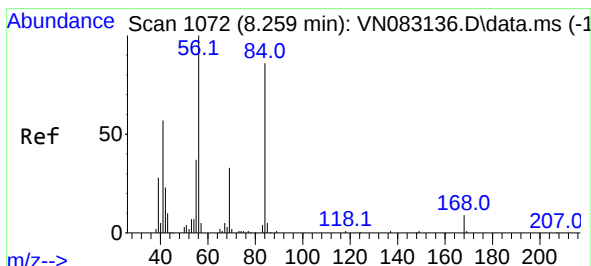
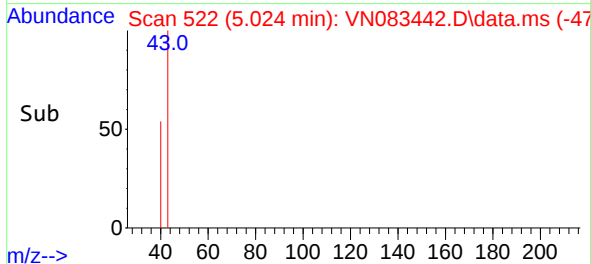
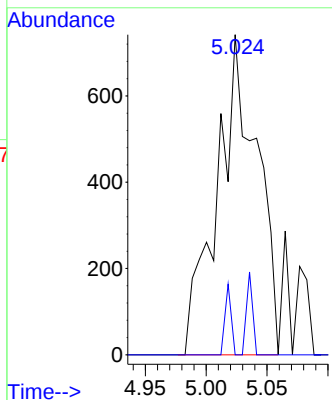


#18
Methyl Acetate
Concen: 0.833 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :

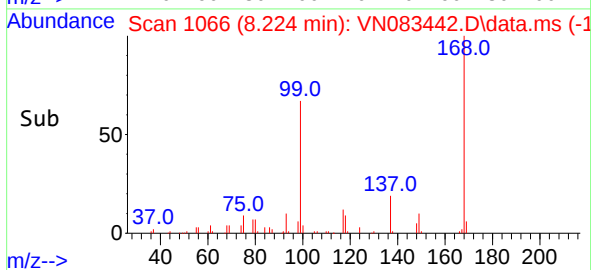
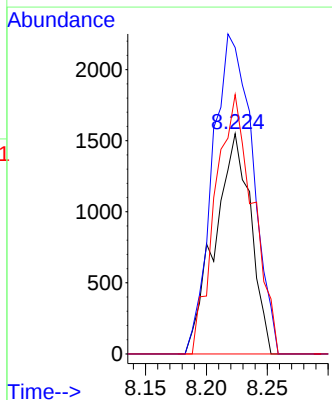
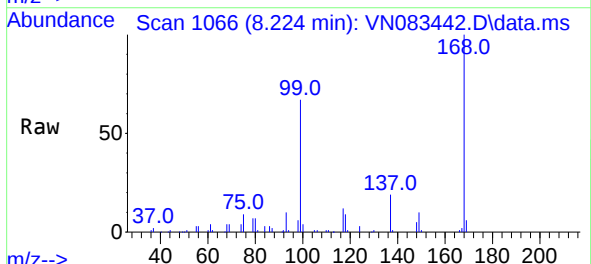


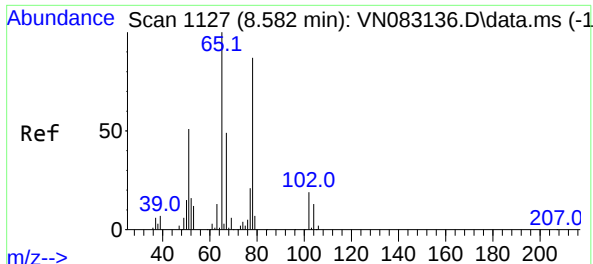
Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
74 3.4 16.3 24.5#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Tgt Ion: 56 Resp: 3193
Ion Ratio Lower Upper
56 100
69 139.0 24.5 36.7#
84 117.7 66.0 99.0#

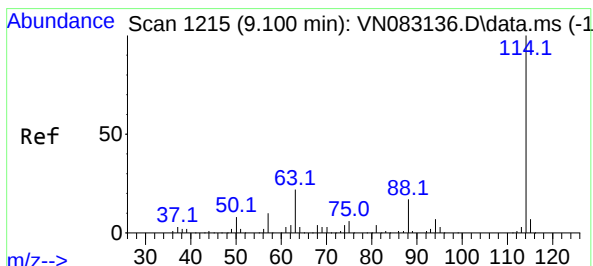
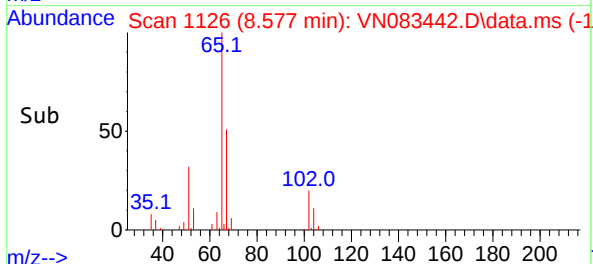
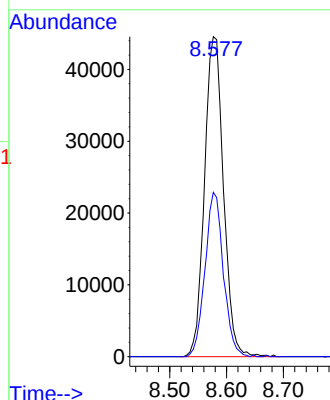
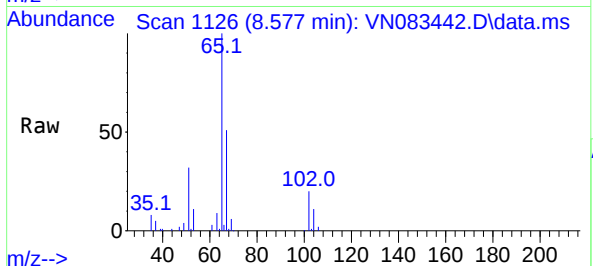




#33
1,2-Dichloroethane-d4
Concen: 59.211 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

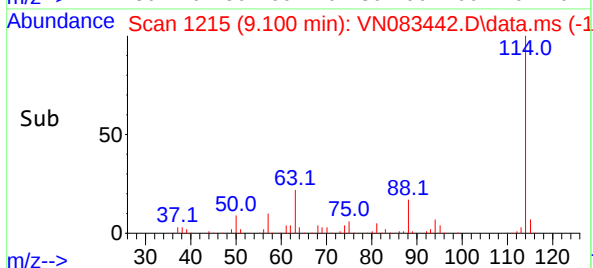
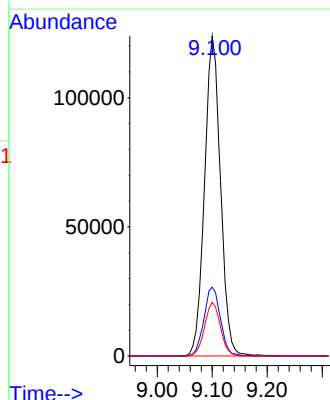
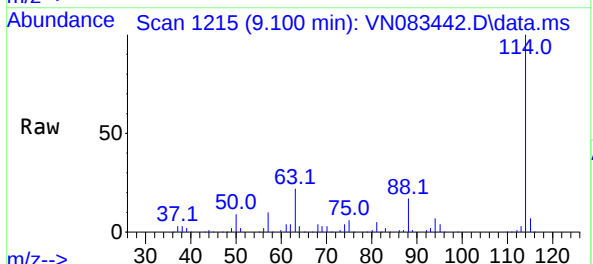
Instrument :
MSVOA_N
ClientSampleId :

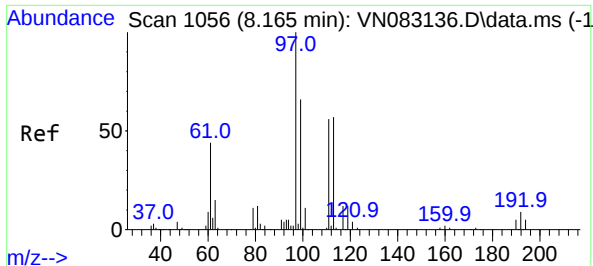
Tgt Ion: 65 Resp: 103252
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Tgt Ion: 114 Resp: 249910
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 16.7 0.0 31.4



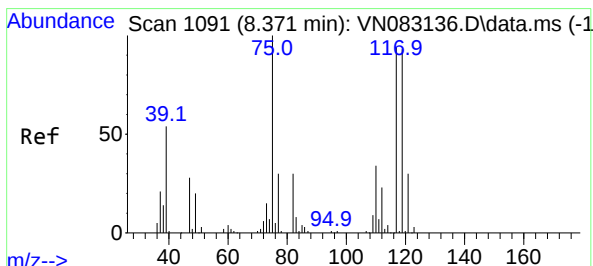
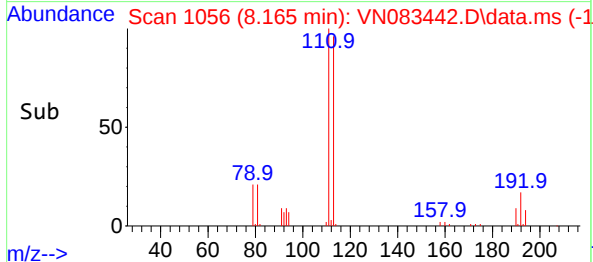
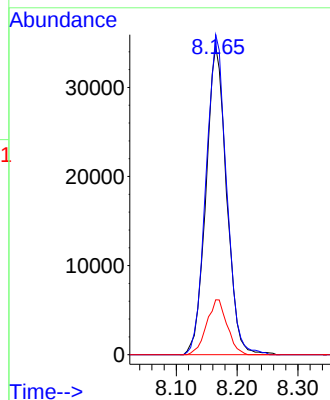
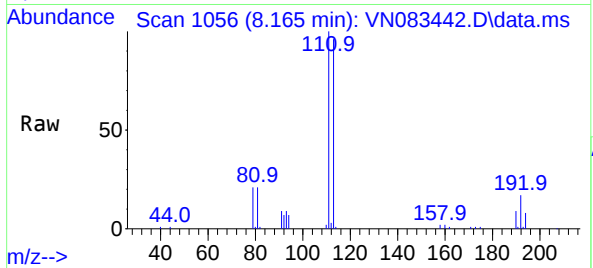


#35
Dibromofluoromethane
Concen: 52.083 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 113 Resp: 81243

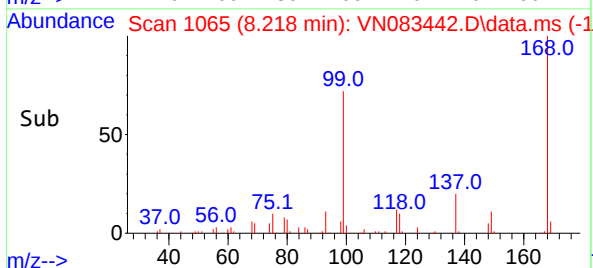
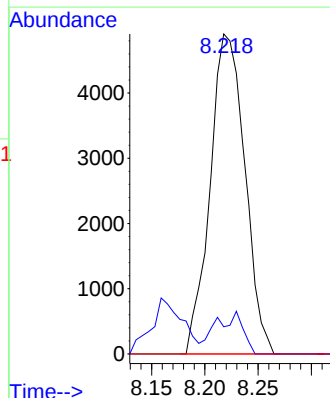
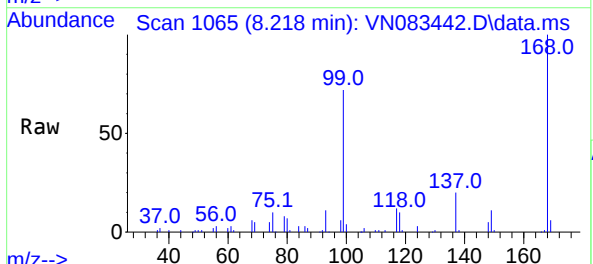
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	17.7	14.9	22.3

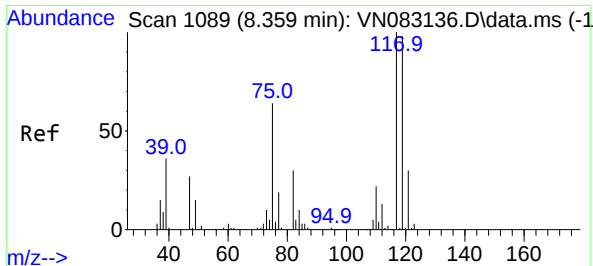


#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Tgt Ion: 75 Resp: 11123

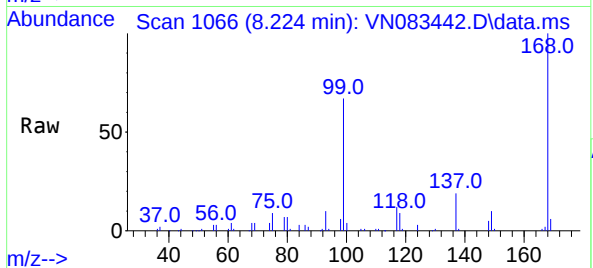
Ion	Ratio	Lower	Upper
75	100		
110	3.0	16.3	48.9#
77	0.0	24.6	37.0#



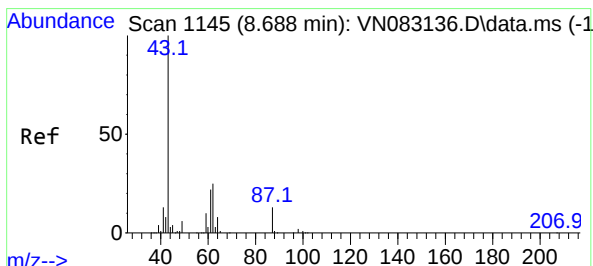
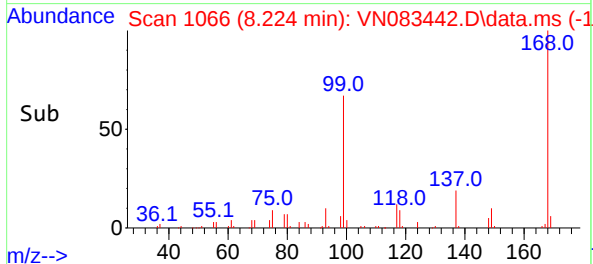
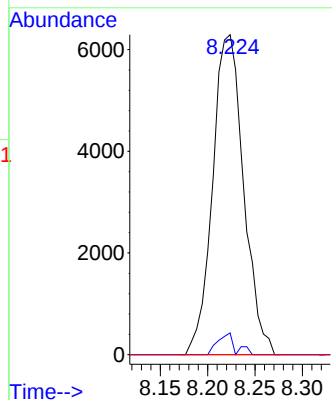


#38
Carbon Tetrachloride
Concen: 5.396 ug/l
RT: 8.224 min Scan# 1103
Delta R.T. -0.135 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :

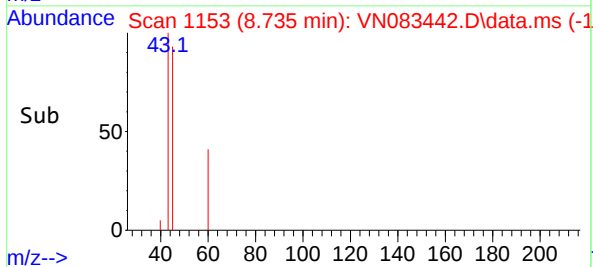
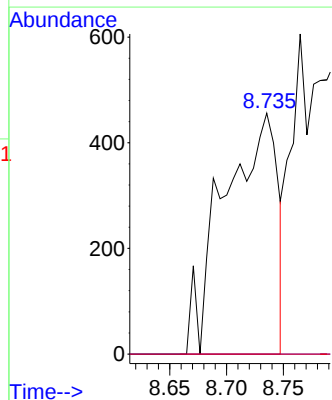
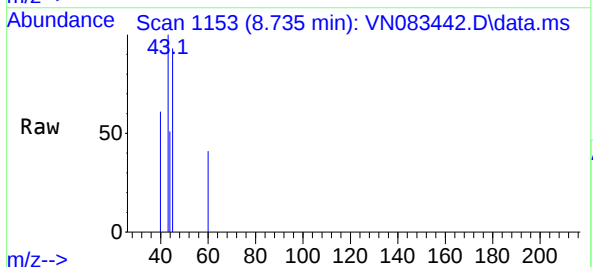


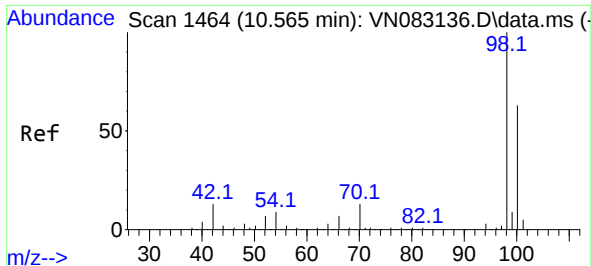
Tgt Ion:117 Resp: 14341
Ion Ratio Lower Upper
117 100
119 6.8 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.735 min Scan# 1153
Delta R.T. 0.047 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

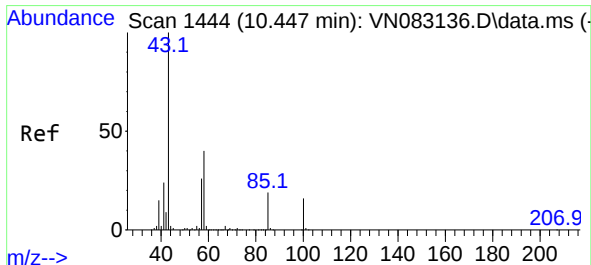
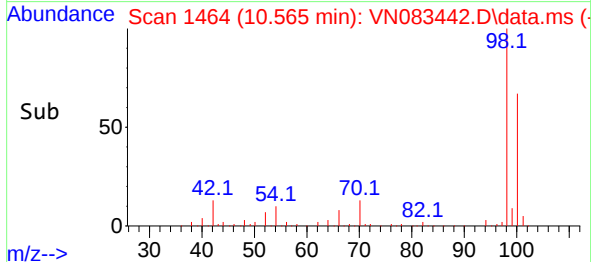
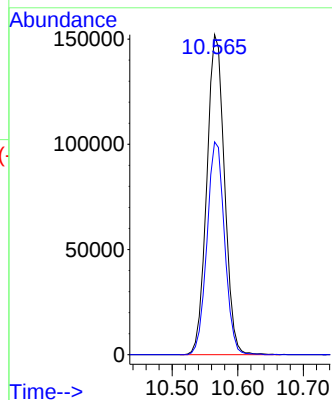
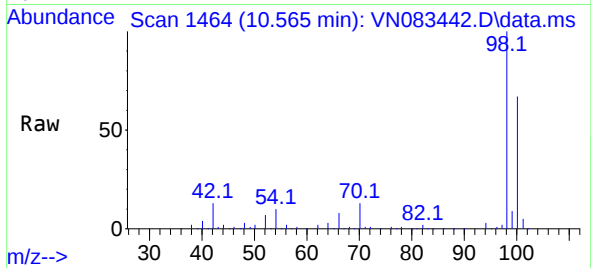




#50
Toluene-d8
Concen: 49.079 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

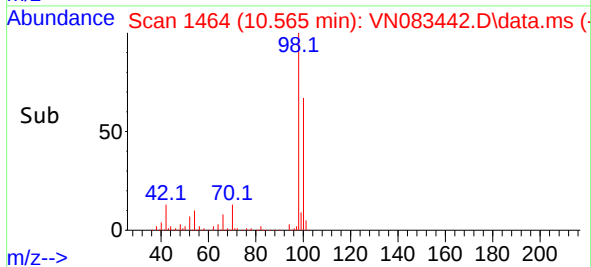
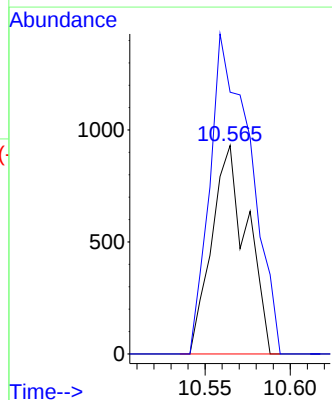
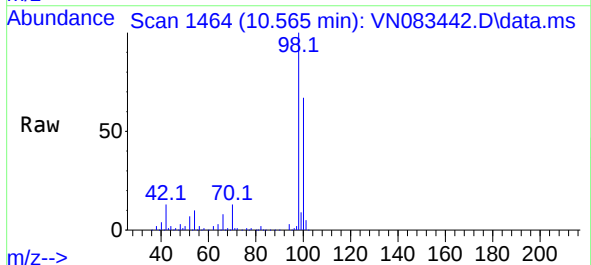
Instrument :
MSVOA_N
ClientSampleId :

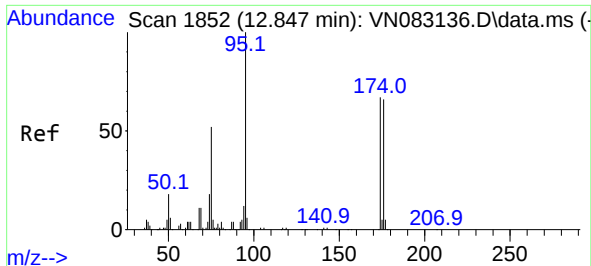
Tgt Ion: 98 Resp: 285576
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 175.1 28.2 42.4#

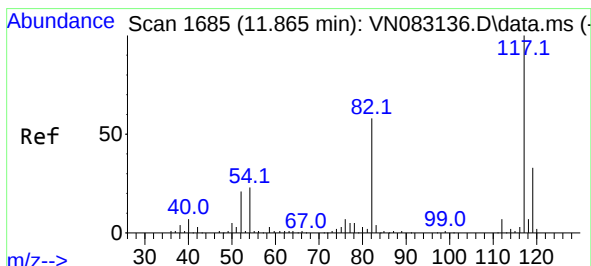
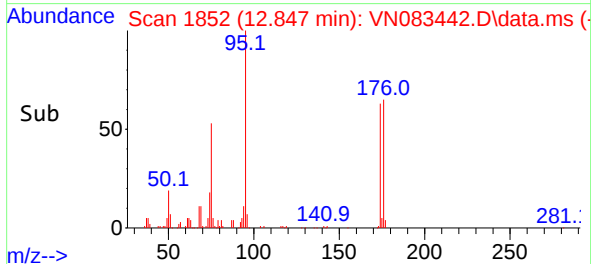
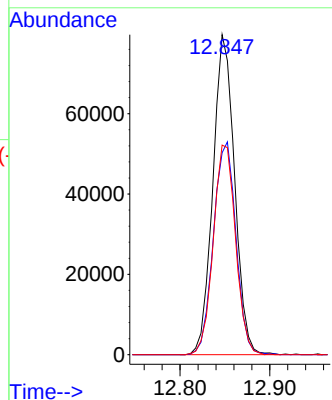
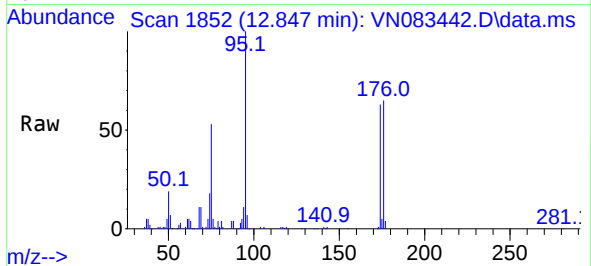




#62
4-Bromofluorobenzene
Concen: 58.898 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

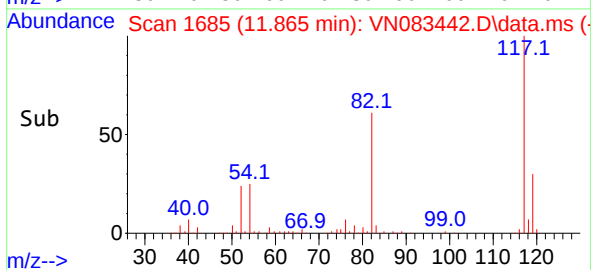
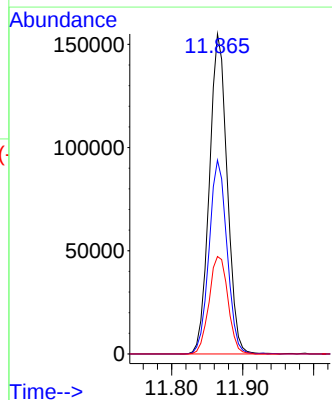
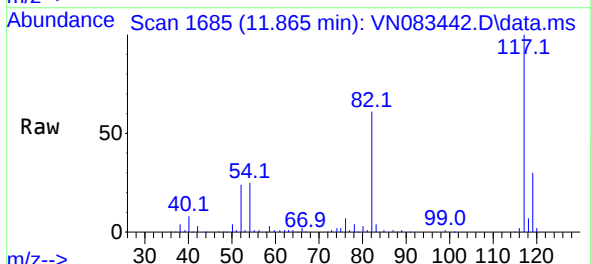
Instrument :
MSVOA_N
ClientSampleId :

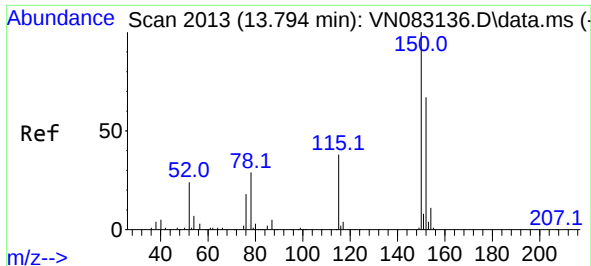
Tgt Ion: 95 Resp: 133608
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 67.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

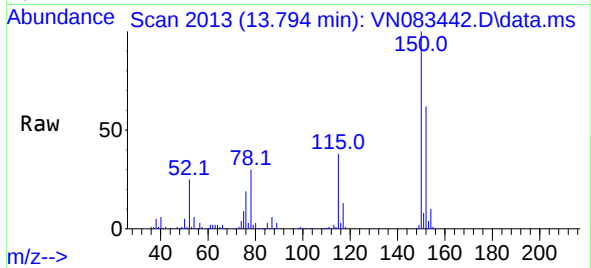
Tgt Ion: 117 Resp: 270314
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 30.4 25.6 38.4



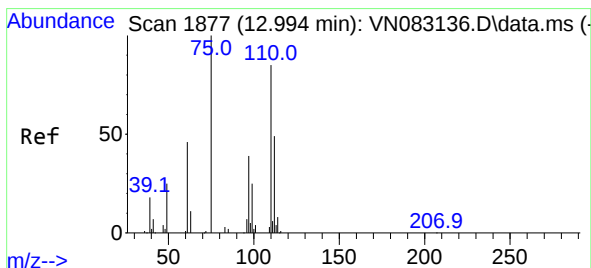
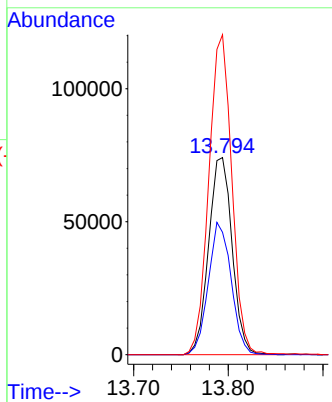
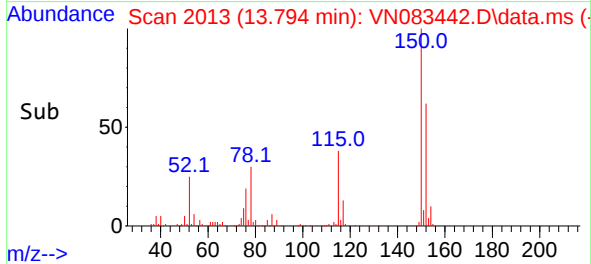


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :

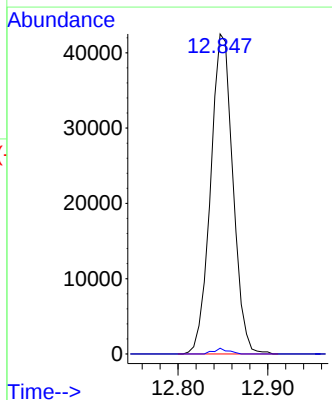
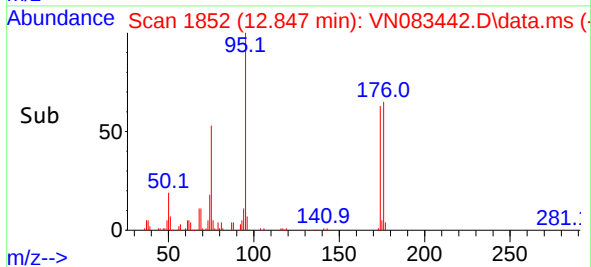
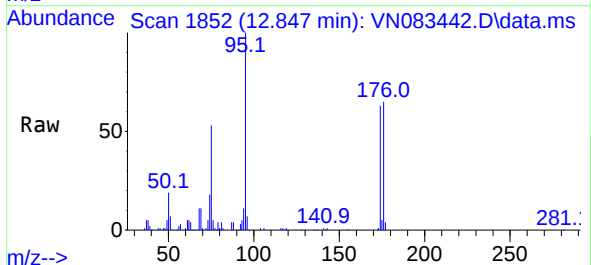


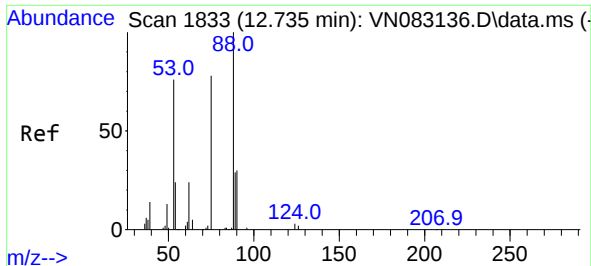
Tgt Ion:152 Resp: 128121
Ion Ratio Lower Upper
152 100
115 65.2 30.6 91.6
150 158.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 26.127 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

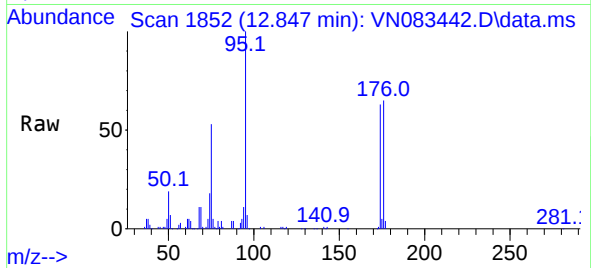
Tgt Ion: 75 Resp: 73467
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.832 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083442.D
Acq: 22 Aug 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 73467
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

