

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083436.D
 Acq On : 22 Aug 2024 15:20
 Operator : JC\MD
 Sample : P3671-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:41:34 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)

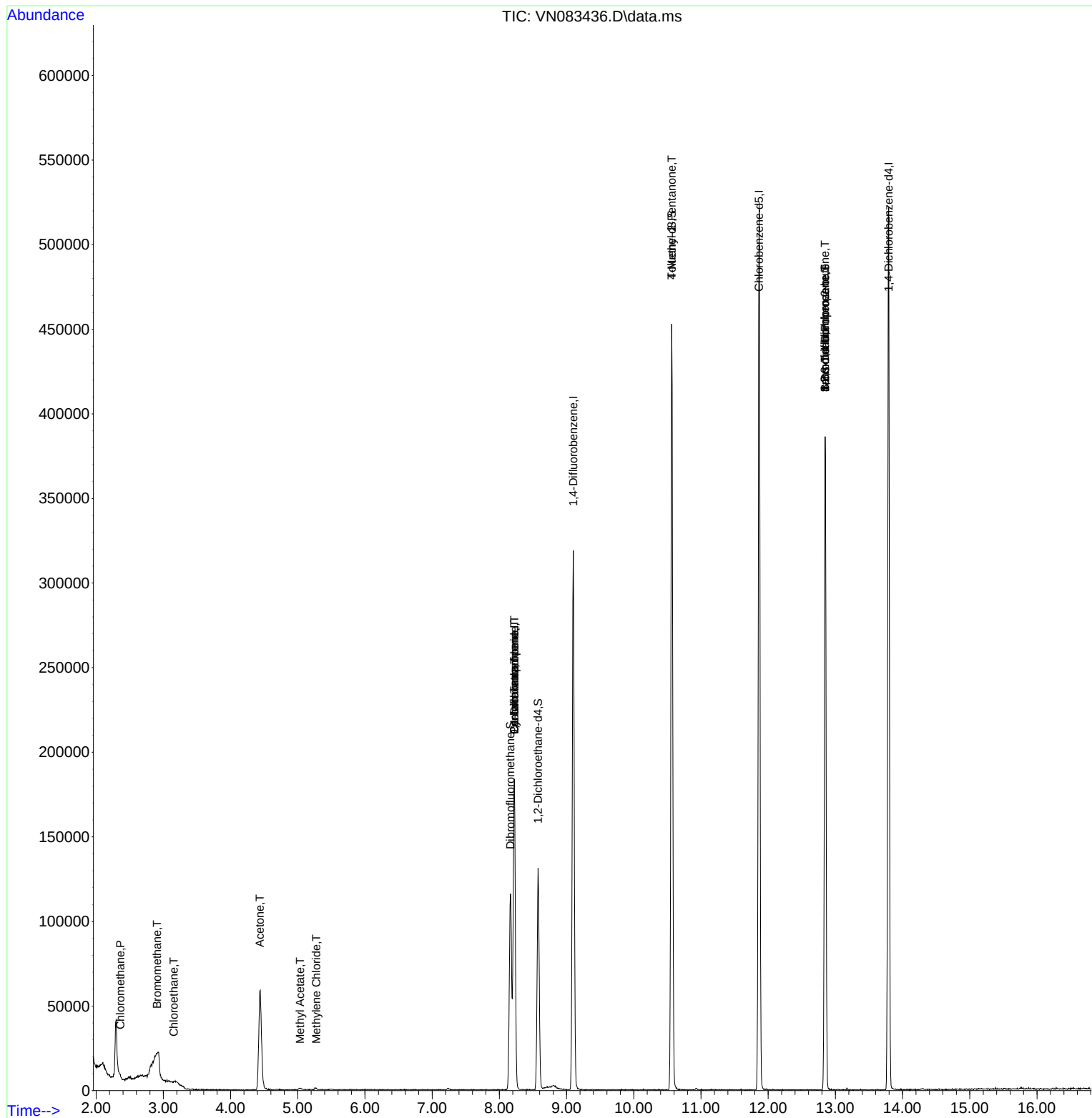
Internal Standards						
1) Pentafluorobenzene	8.224	168	127755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107433	59.079	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.160%		
35) Dibromofluoromethane	8.165	113	85380	52.016	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.040%		
50) Toluene-d8	10.565	98	306352	50.034	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.060%		
62) 4-Bromofluorobenzene	12.847	95	137574	57.634	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 115.260%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	993	0.669	ug/l	100
5) Bromomethane	2.906	94	417	0.444	ug/l #	1
6) Chloroethane	3.153	64	1013	1.070	ug/l #	77
16) Acetone	4.436	43	1590	2.235	ug/l #	48
18) Methyl Acetate	5.036	43	2355	1.111	ug/l #	74
20) Methylene Chloride	5.277	84	643	0.393	ug/l #	32
31) Cyclohexane	8.224	56	3203	1.189	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	11566	4.658	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14239	5.091	ug/l #	16
43) Isopropyl Acetate	8.712	43	2315	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1596	0.607	ug/l #	1
71) Bromoform	12.847	173	686	0.406	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76908	25.667	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76908	55.831	ug/l #	6

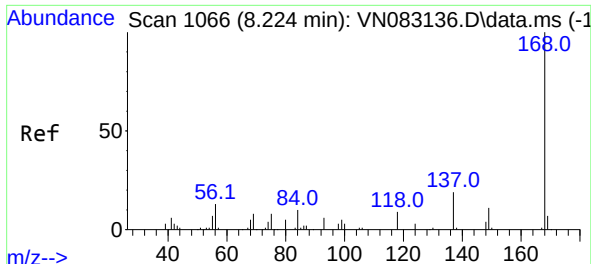
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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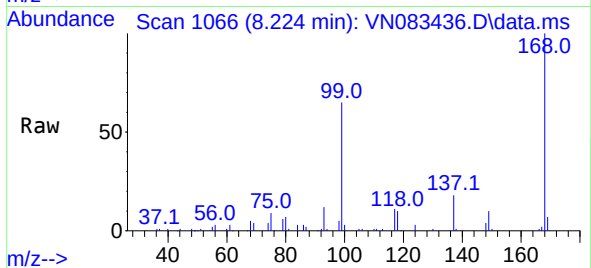
Quant Time: Aug 23 01:41:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



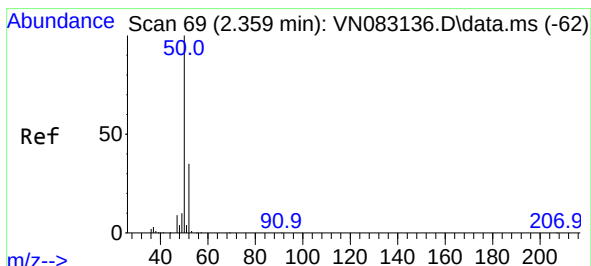
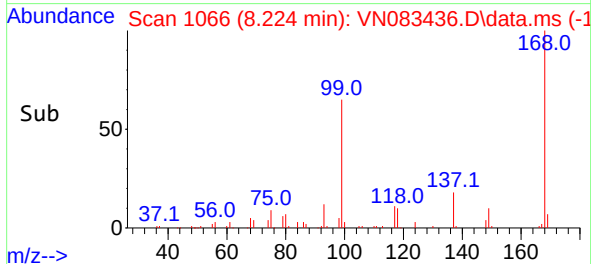
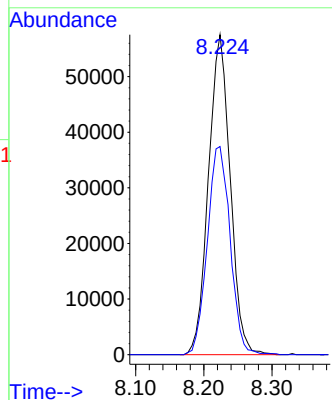


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

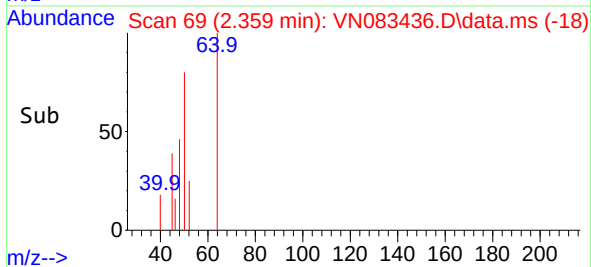
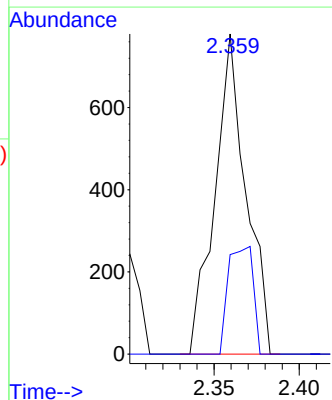
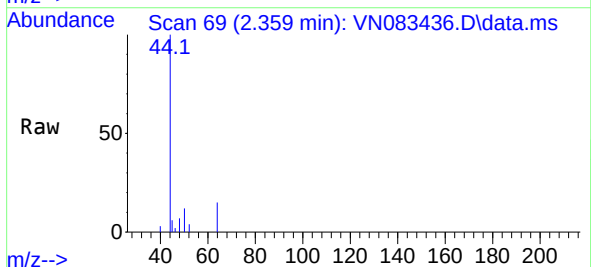


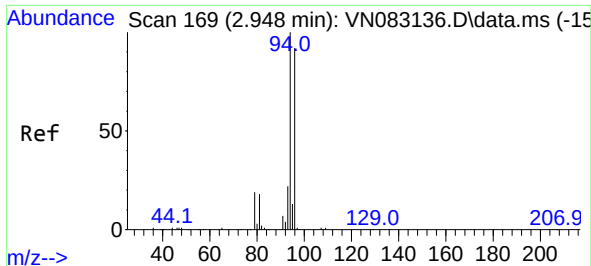
Tgt Ion:168 Resp: 127755
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#3
Chloromethane
Concen: 0.669 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

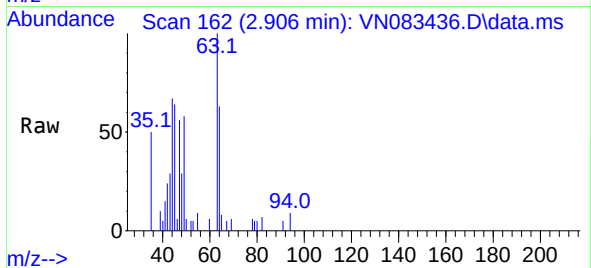
Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 31.1 25.0 37.4



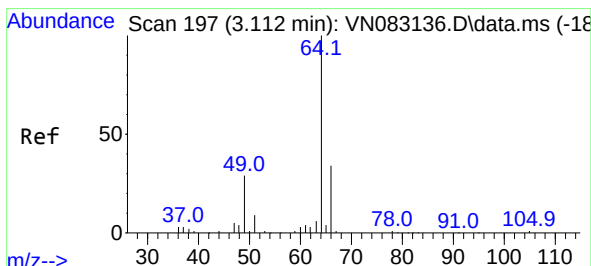
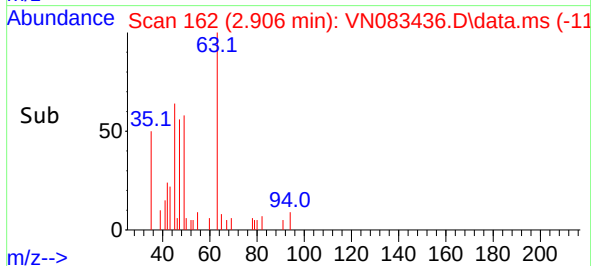
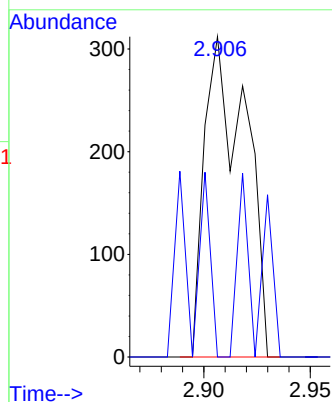


#5
Bromomethane
Concen: 0.444 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

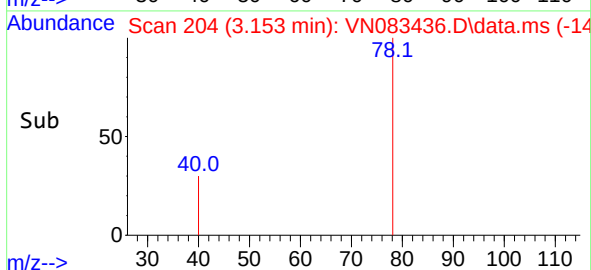
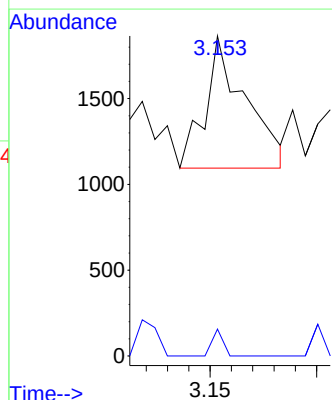
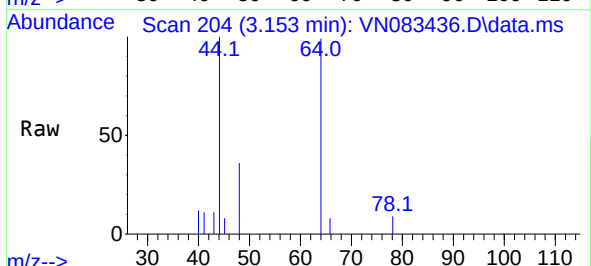


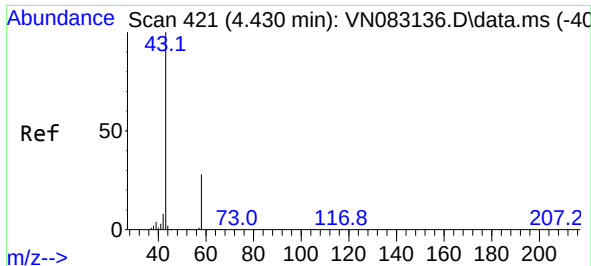
Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#6
Chloroethane
Concen: 1.070 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.041 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

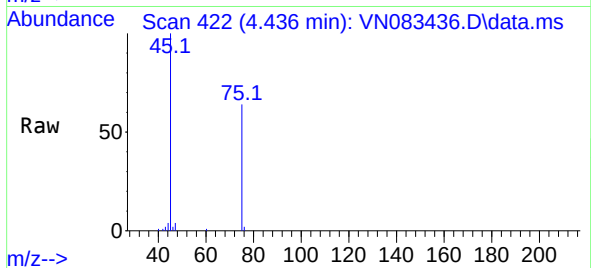
Tgt Ion: 64 Resp: 1013
Ion Ratio Lower Upper
64 100
66 20.4 26.6 40.0#



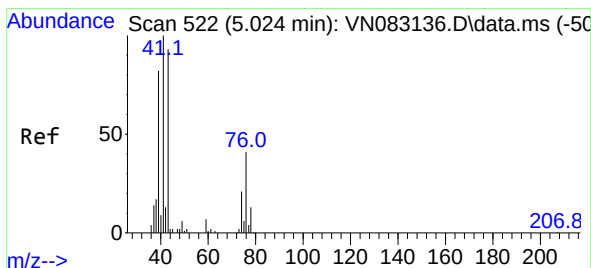
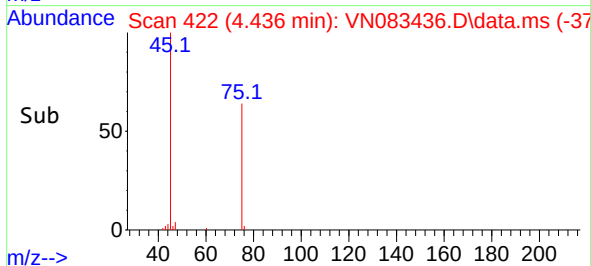
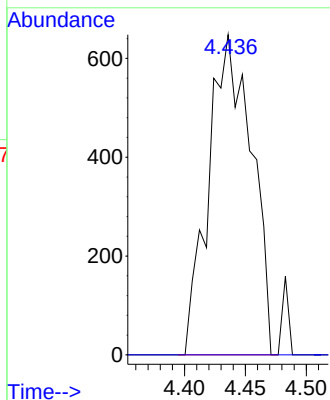


#16
Acetone
Concen: 2.235 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

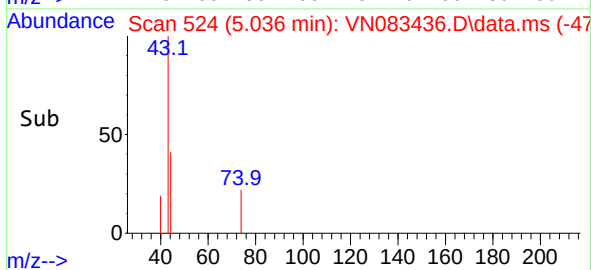
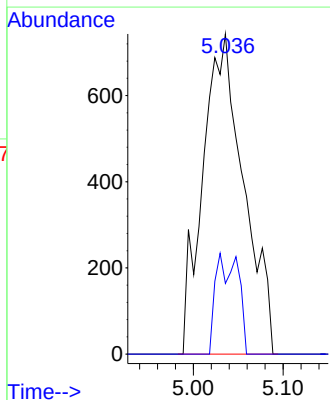
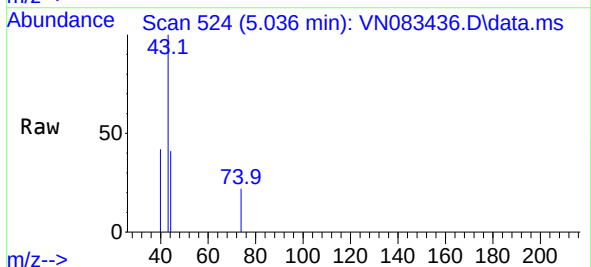


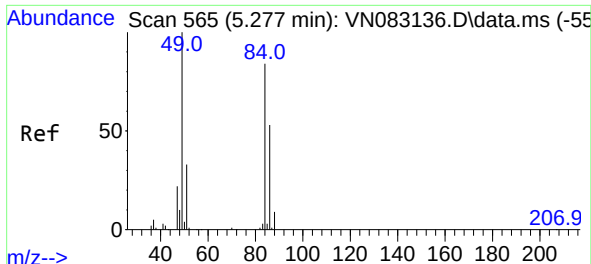
Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#18
Methyl Acetate
Concen: 1.111 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

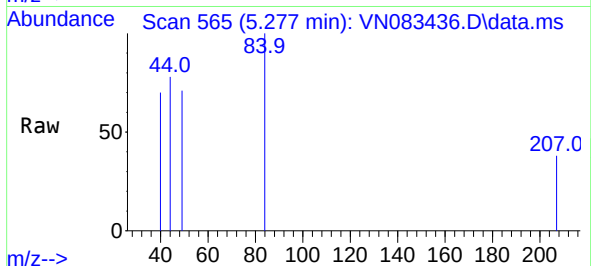
Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
74 8.5 16.3 24.5#





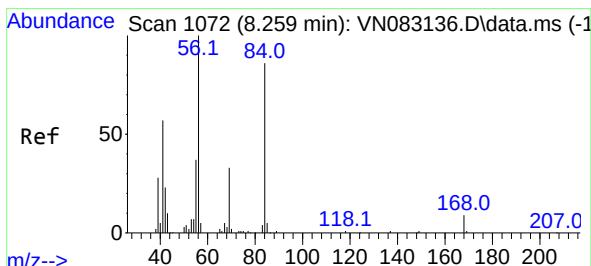
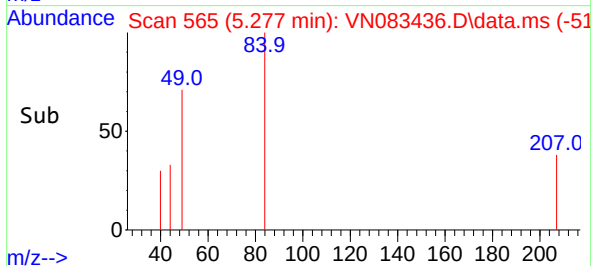
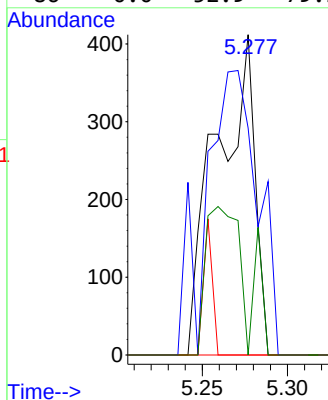
#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 643

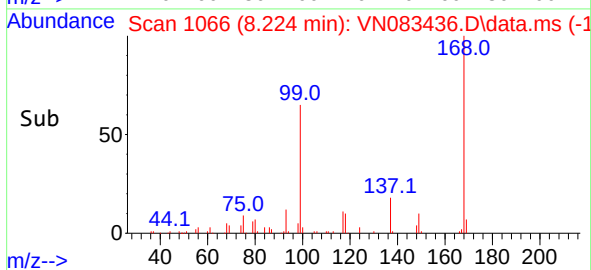
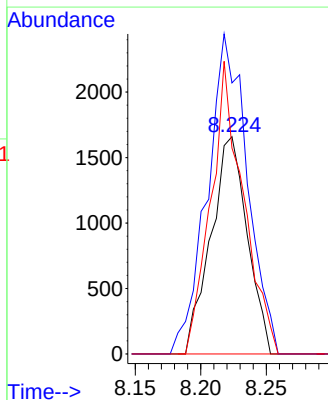
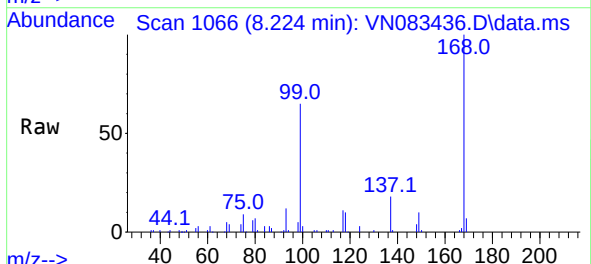
Ion	Ratio	Lower	Upper
84	100		
49	70.9	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#

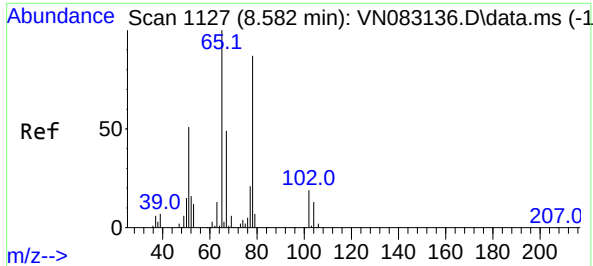


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Tgt Ion: 56 Resp: 3203

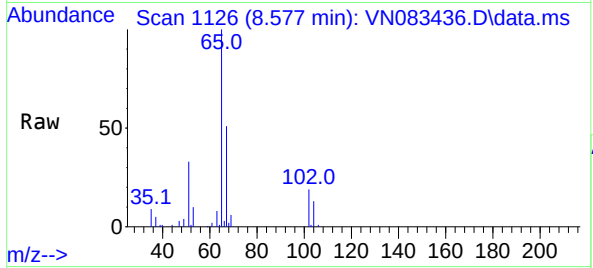
Ion	Ratio	Lower	Upper
56	100		
69	124.7	24.5	36.7#
84	94.8	66.0	99.0



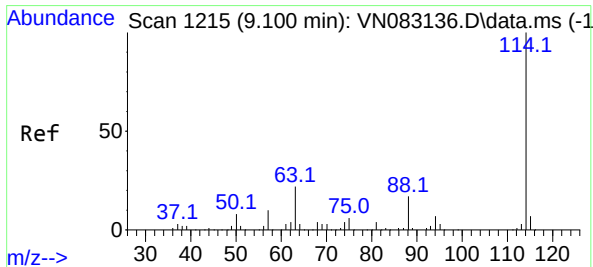
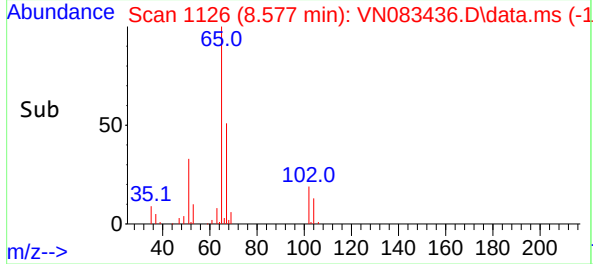
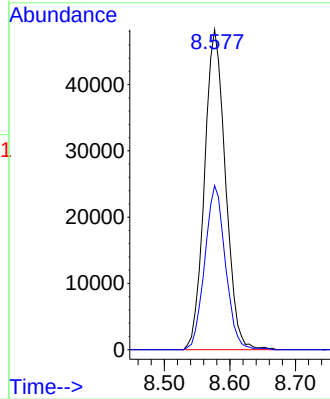


#33
1,2-Dichloroethane-d4
Concen: 59.079 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
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ClientSampleId :

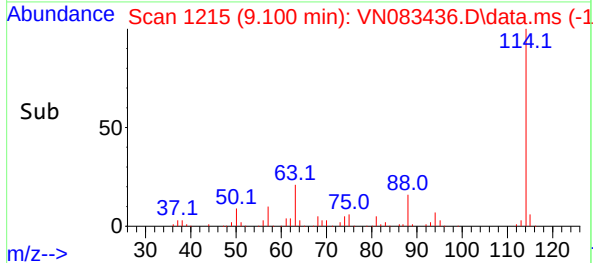
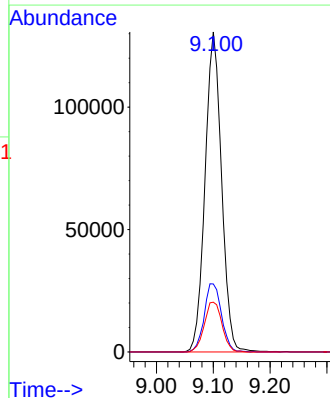
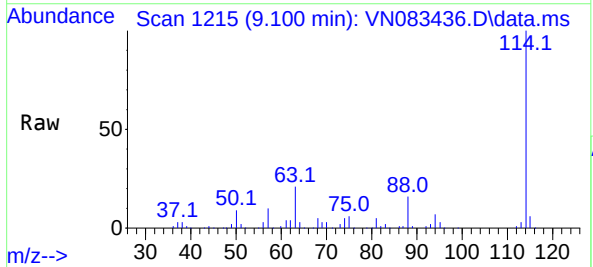


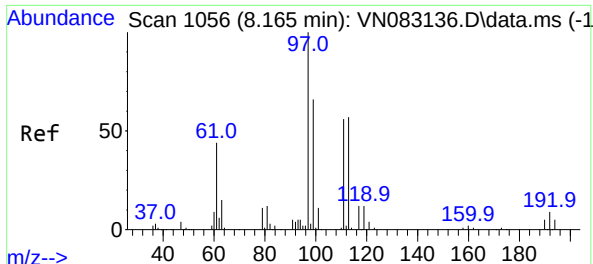
Tgt Ion: 65 Resp: 107433
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

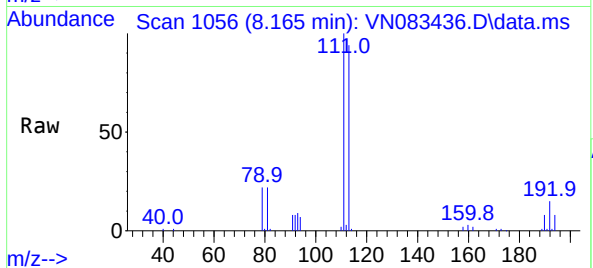
Tgt Ion: 114 Resp: 262972
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.6
88 15.5 0.0 31.4



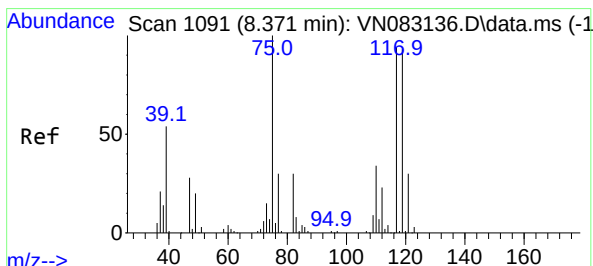
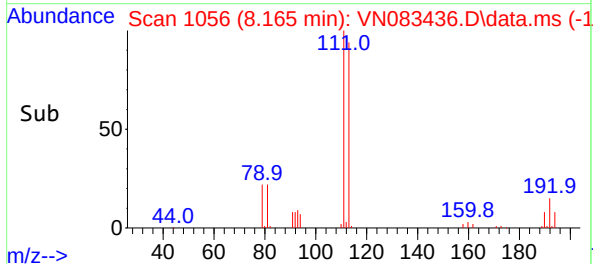
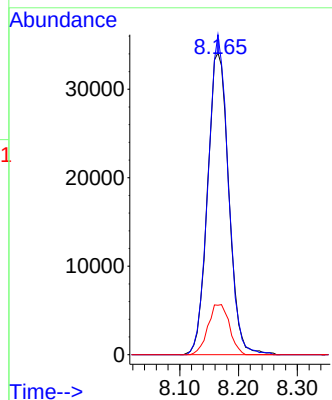


#35
Dibromofluoromethane
Concen: 52.016 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

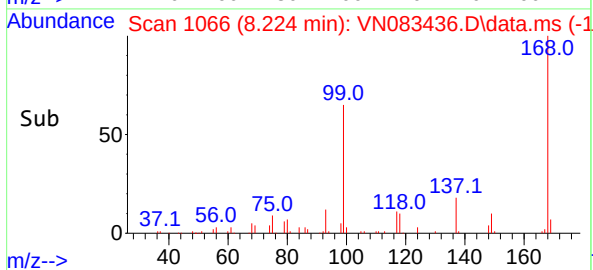
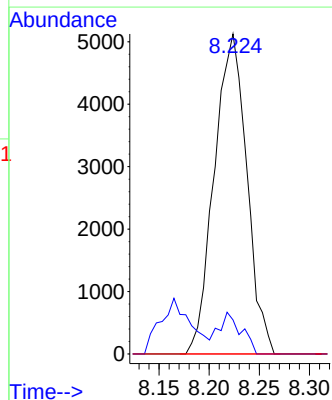
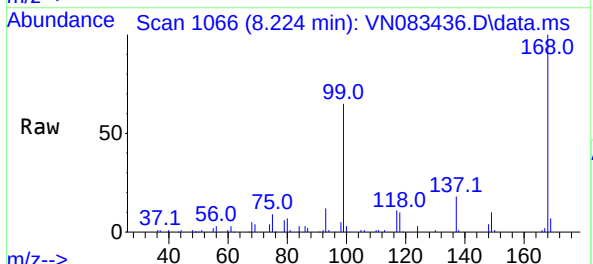


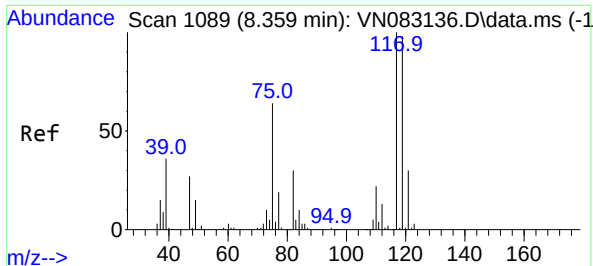
Tgt Ion:113 Resp: 85380
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 16.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

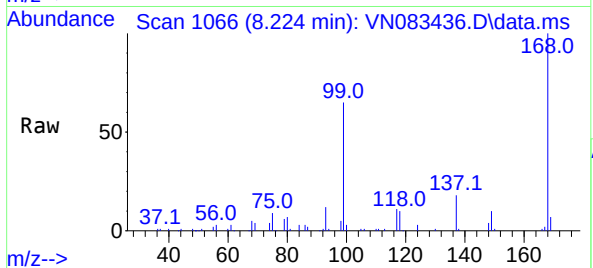
Tgt Ion: 75 Resp: 11566
Ion Ratio Lower Upper
75 100
110 9.0 16.3 48.9#
77 0.0 24.6 37.0#



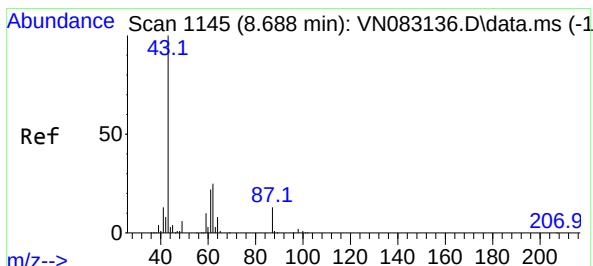
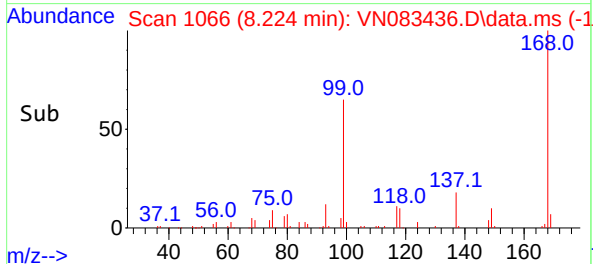
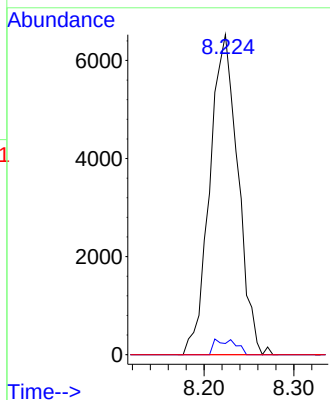


#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

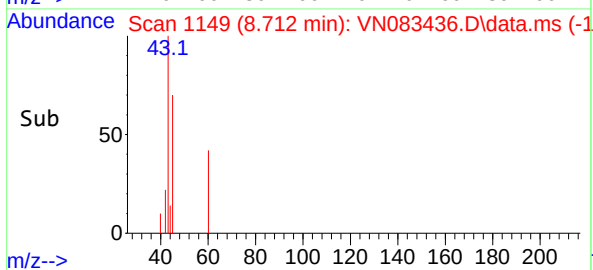
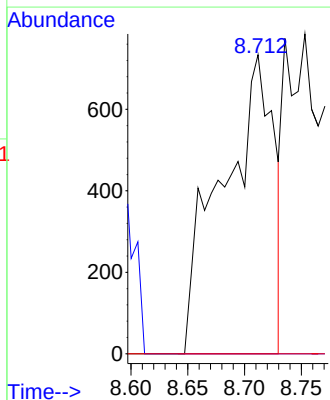
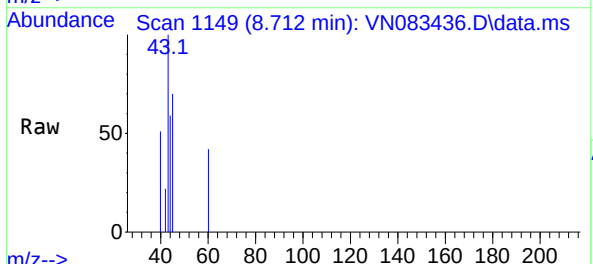


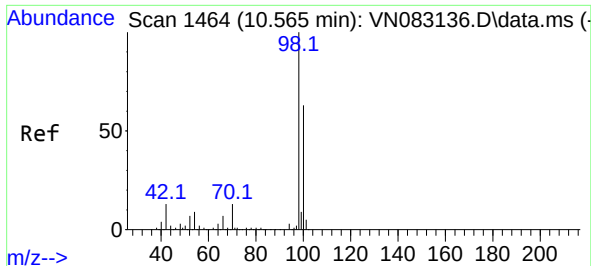
Tgt Ion:117 Resp: 14239
Ion Ratio Lower Upper
117 100
119 3.5 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

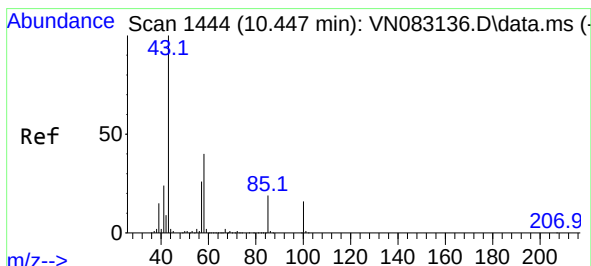
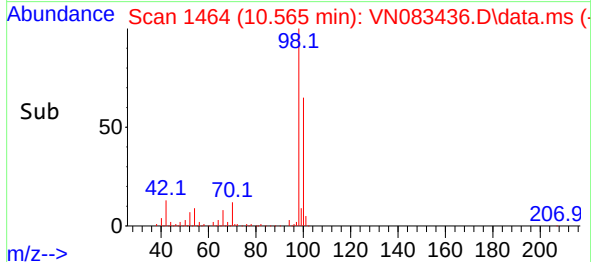
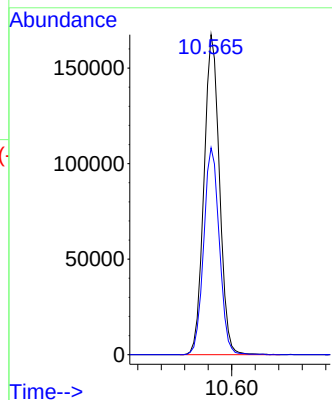
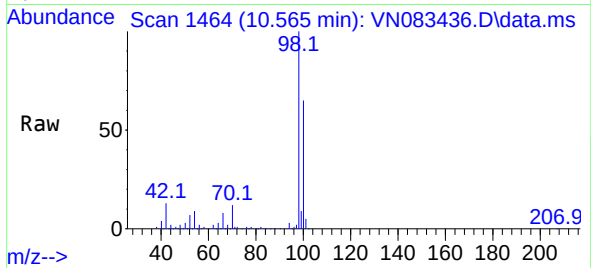




#50
Toluene-d8
Concen: 50.034 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

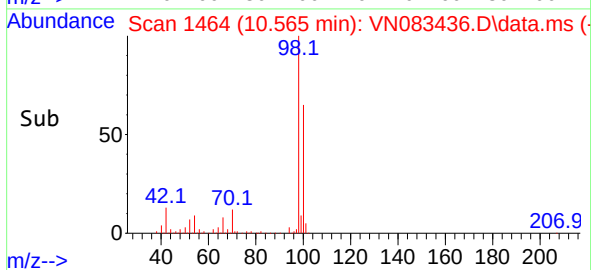
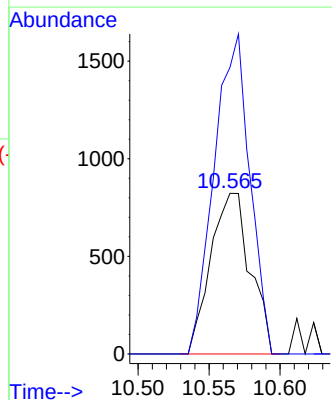
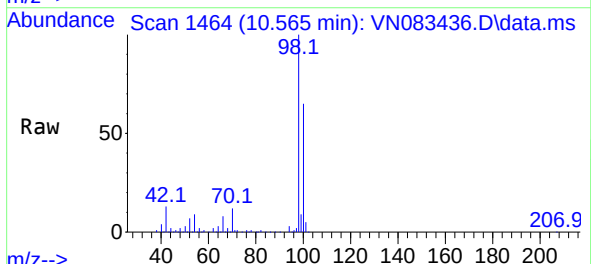
Instrument :
MSVOA_N
ClientSampleId :

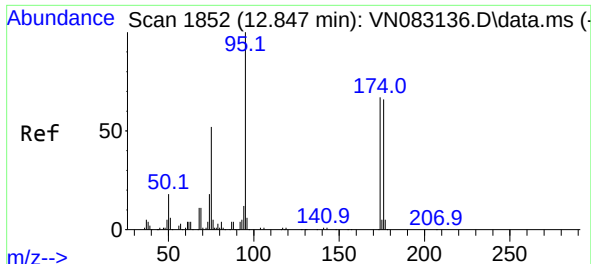
Tgt Ion: 98 Resp: 306352
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 179.8 28.2 42.4#

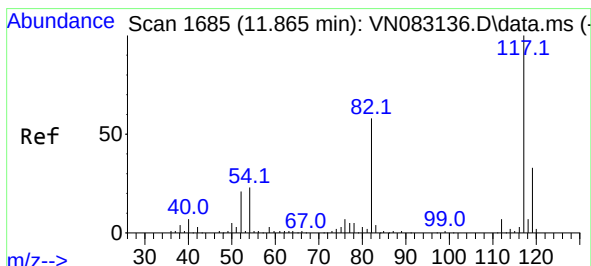
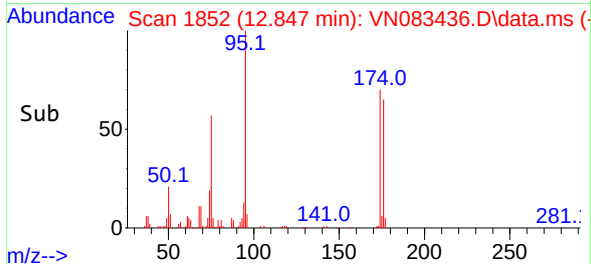
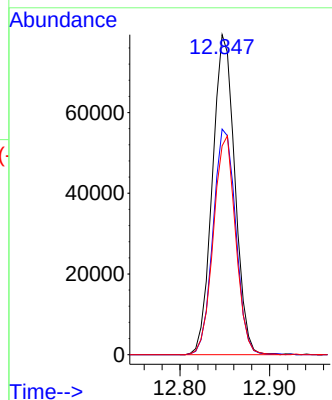
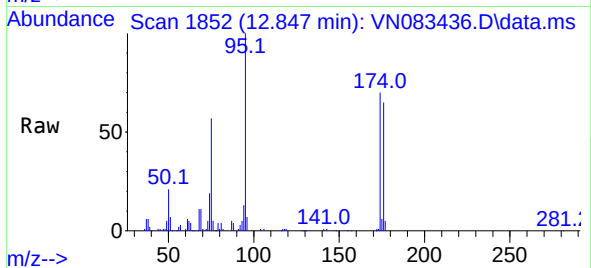




#62
4-Bromofluorobenzene
Concen: 57.634 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

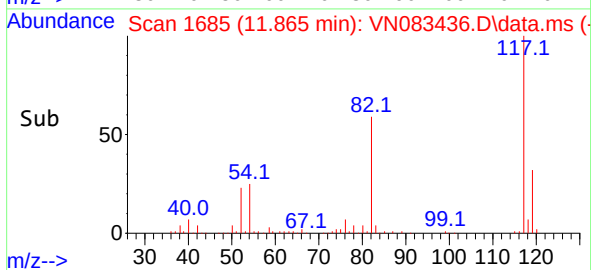
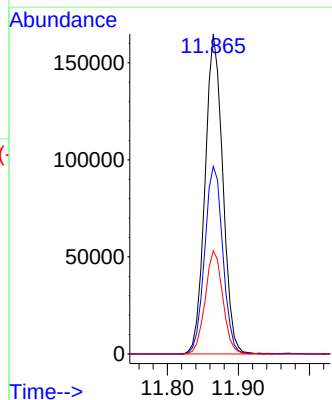
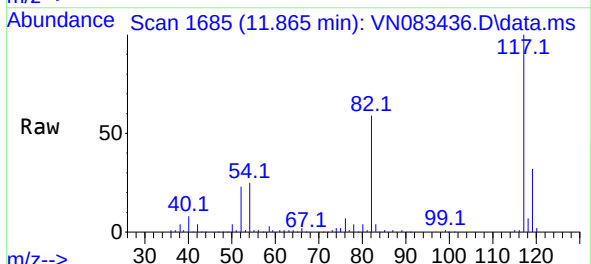
Instrument :
MSVOA_N
ClientSampleId :

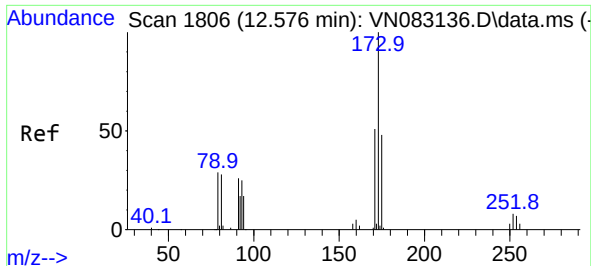
Tgt Ion: 95 Resp: 137574
Ion Ratio Lower Upper
95 100
174 71.5 0.0 159.2
176 67.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Tgt Ion: 117 Resp: 286376
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 32.2 25.6 38.4

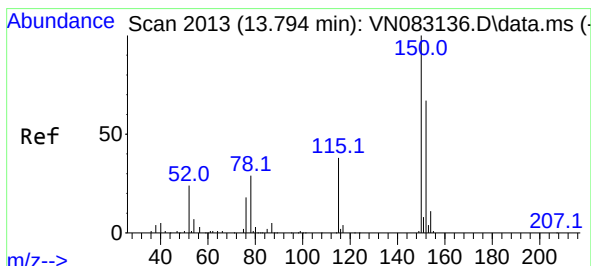
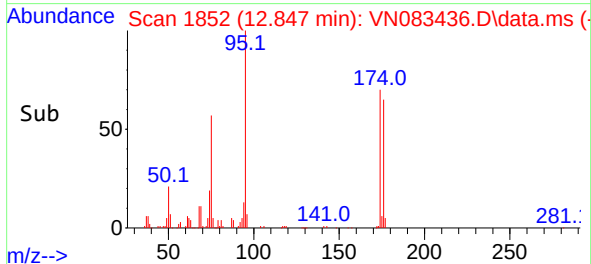
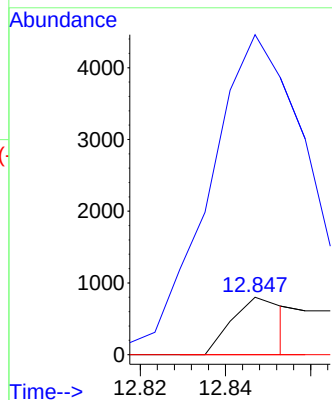
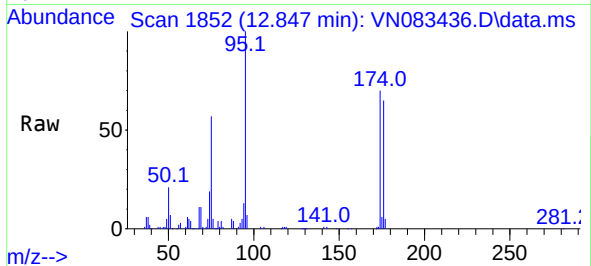




#71
Bromoform
Concen: 0.406 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

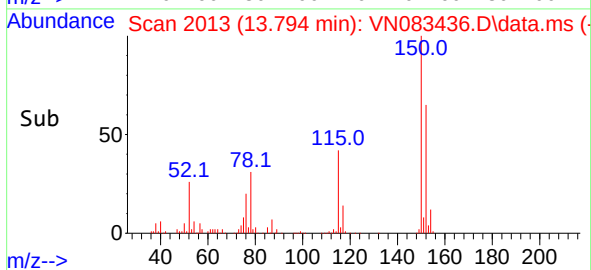
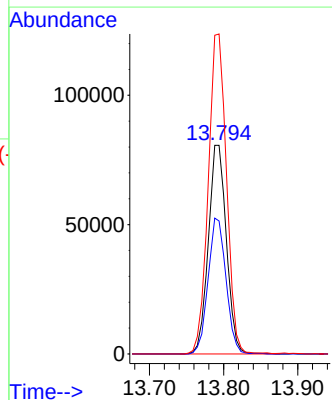
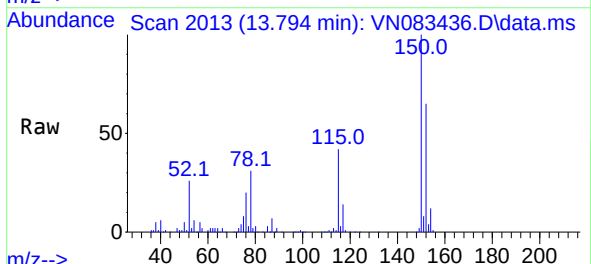
Instrument :
MSVOA_N
ClientSampleId :

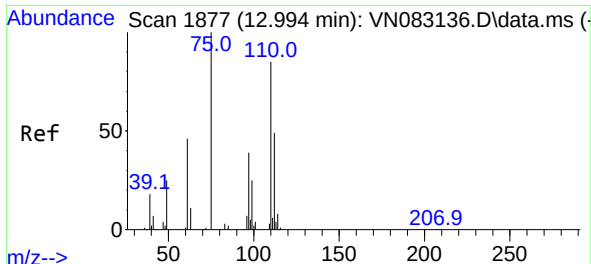
Tgt Ion:173 Resp: 686
Ion Ratio Lower Upper
173 100
175 806.4 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Tgt Ion:152 Resp: 136526
Ion Ratio Lower Upper
152 100
115 64.7 30.6 91.6
150 154.8 0.0 348.6

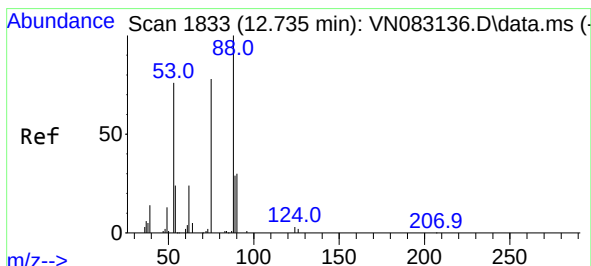
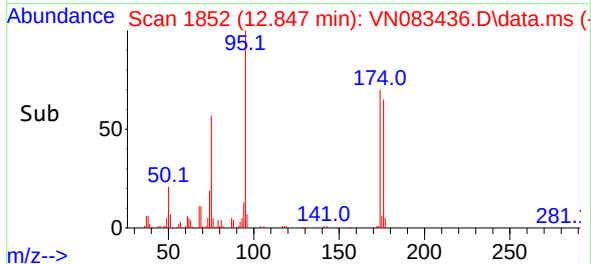
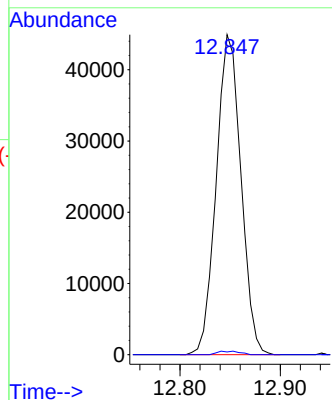
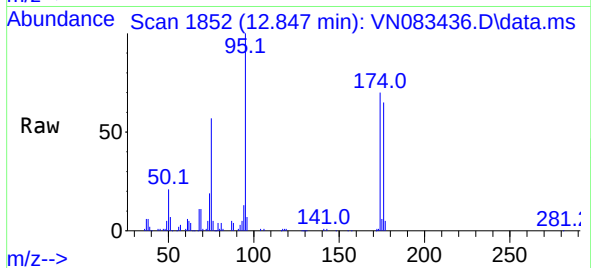




#76
1,2,3-Trichloropropane
Concen: 25.667 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 76908
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.831 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083436.D
Acq: 22 Aug 2024 15:20

Tgt Ion: 75 Resp: 76908
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

