

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083434.D
 Acq On : 22 Aug 2024 14:32
 Operator : JC\MD
 Sample : P3707-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:41:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

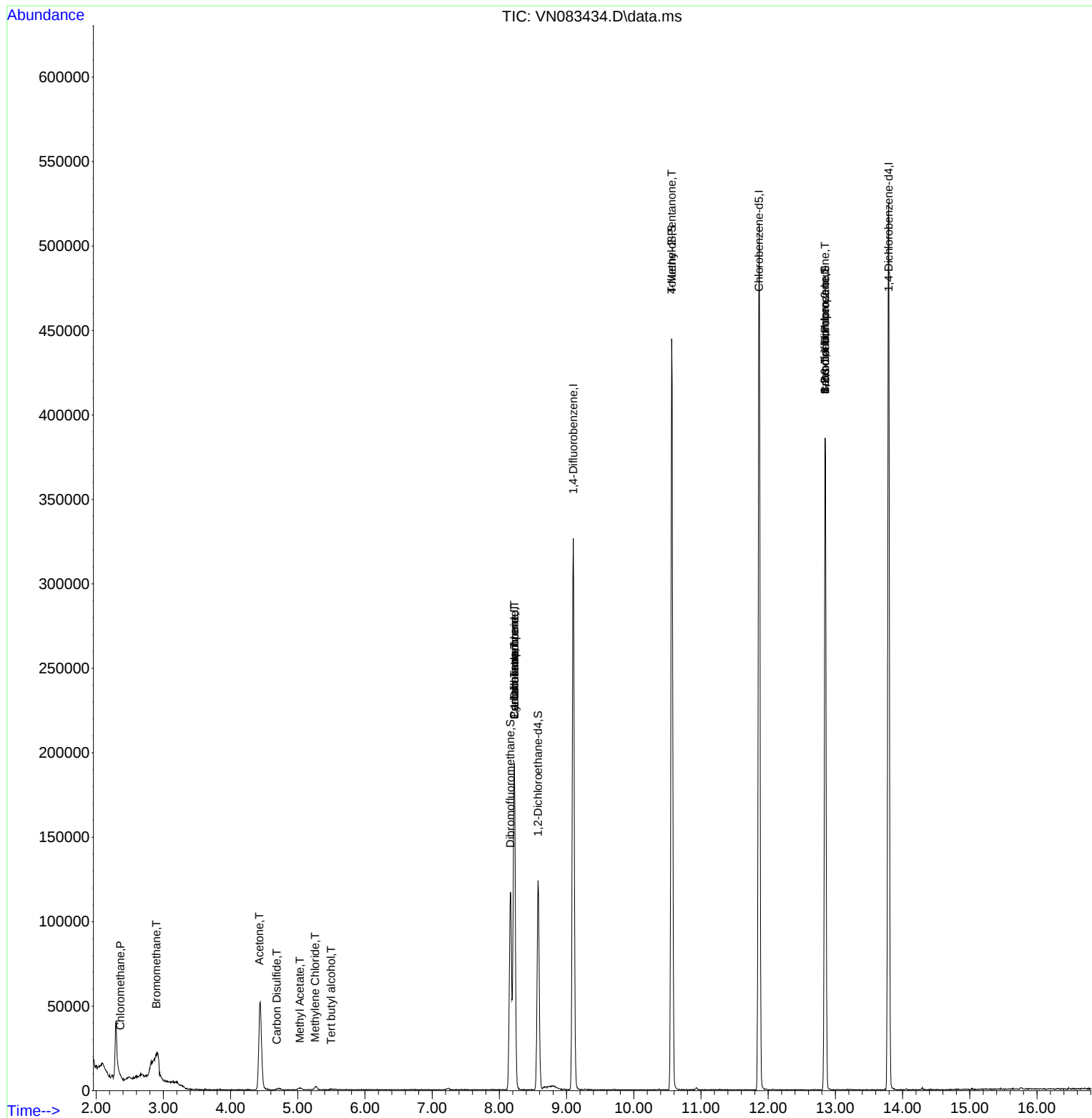
Internal Standards						
1) Pentafluorobenzene	8.224	168	137038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105787	54.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.460%	
35) Dibromofluoromethane	8.165	113	85448	50.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	10.565	98	300326	47.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.780%	
62) 4-Bromofluorobenzene	12.847	95	136079	55.084	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	953	0.599	ug/l #	83
5) Bromomethane	2.895	94	374	0.371	ug/l #	77
11) Tert butyl alcohol	5.494	59	86	0.212	ug/l #	71
16) Acetone	4.430	43	1610	2.109	ug/l #	48
17) Carbon Disulfide	4.689	76	1802	0.405	ug/l #	75
18) Methyl Acetate	5.030	43	2849	1.253	ug/l #	62
20) Methylene Chloride	5.259	84	553	0.315	ug/l	98
31) Cyclohexane	8.224	56	3393	1.174	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	11894	4.629	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15815	5.464	ug/l #	17
43) Isopropyl Acetate	8.694	43	1698	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1501	0.552	ug/l #	1
71) Bromoform	12.847	173	513	0.303	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	75219	24.947	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75219	54.265	ug/l #	6

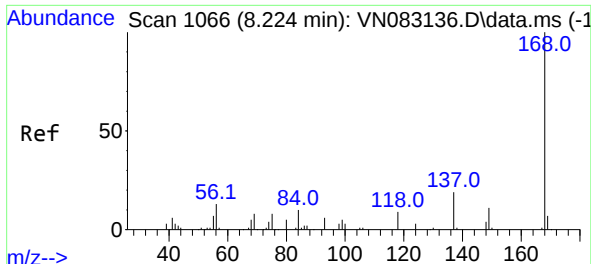
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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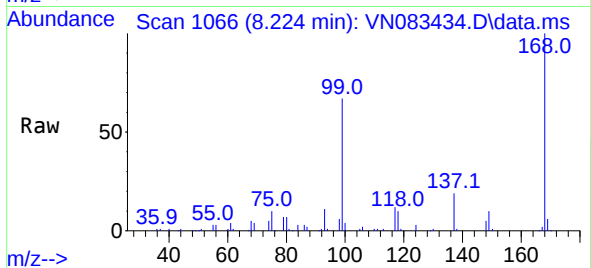
Quant Time: Aug 23 01:41:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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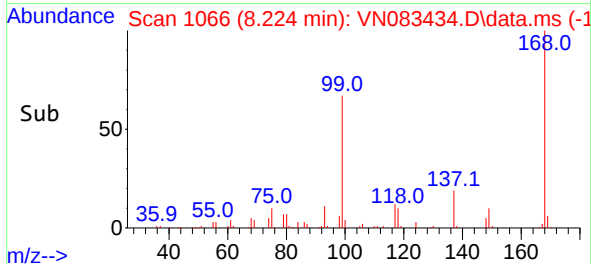
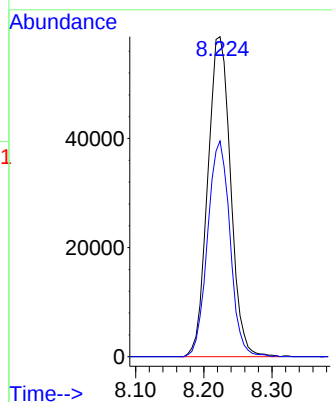


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

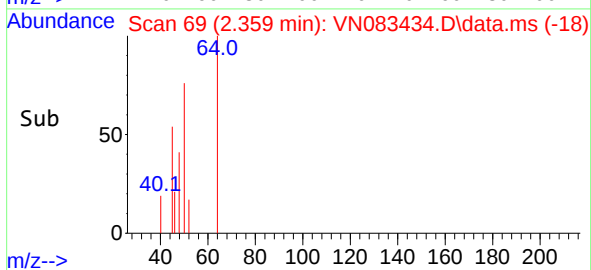
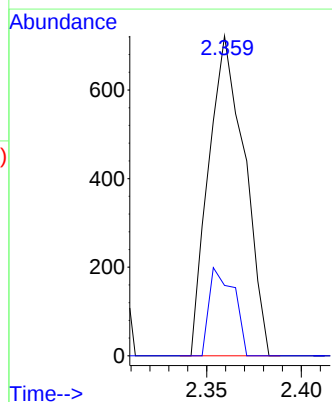
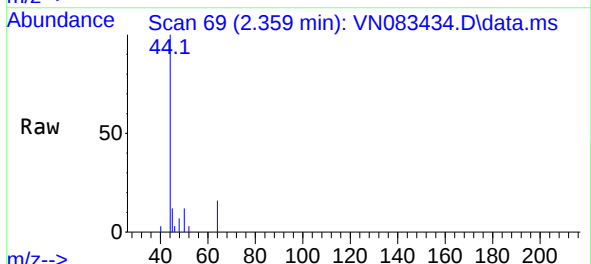


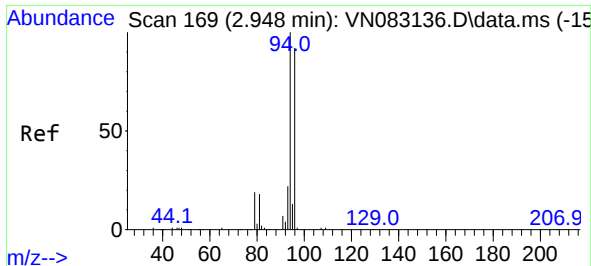
Tgt Ion:168 Resp: 137038
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#3
Chloromethane
Concen: 0.599 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

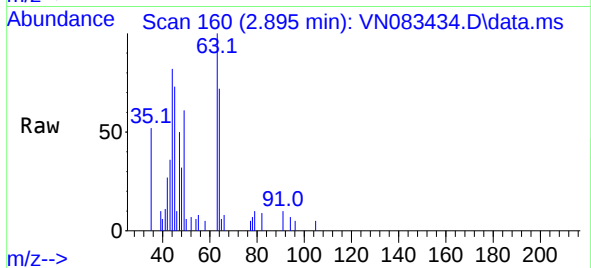
Tgt Ion: 50 Resp: 953
Ion Ratio Lower Upper
50 100
52 22.0 25.0 37.4#



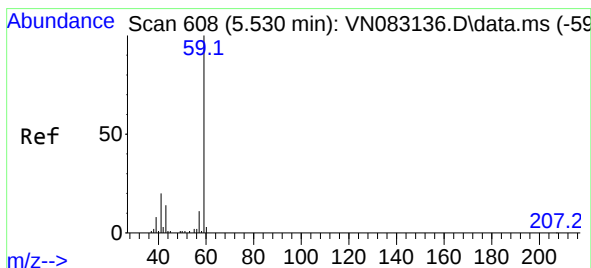
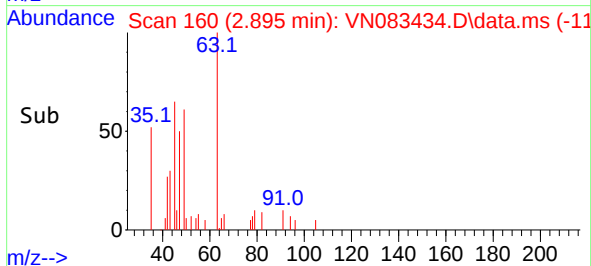
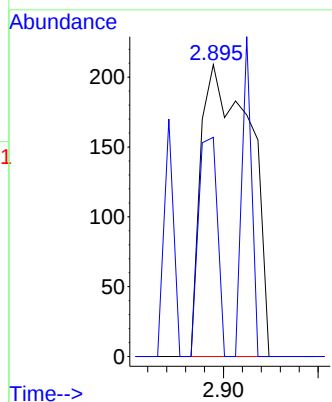


#5
Bromomethane
Concen: 0.371 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

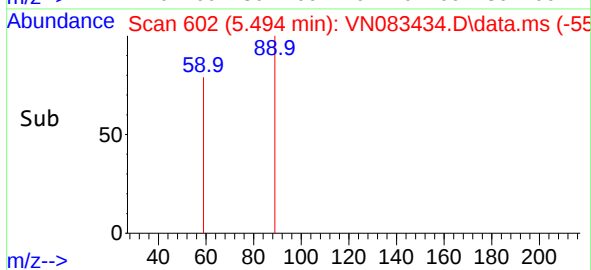
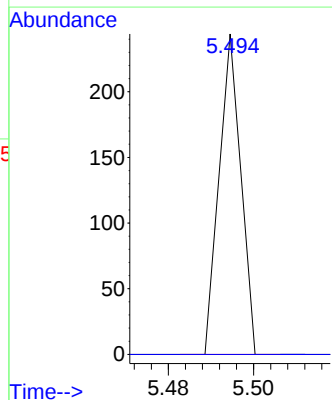
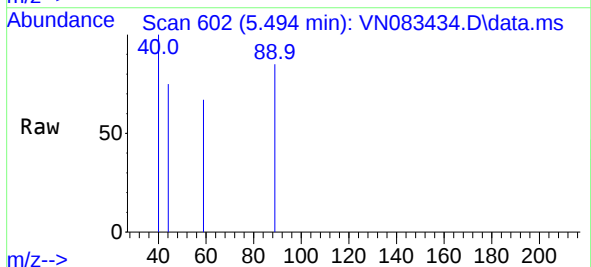


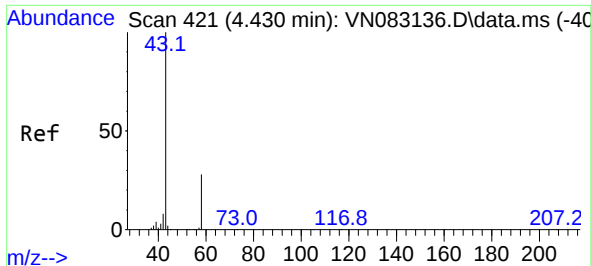
Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 75.1 78.0 117.0#



#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

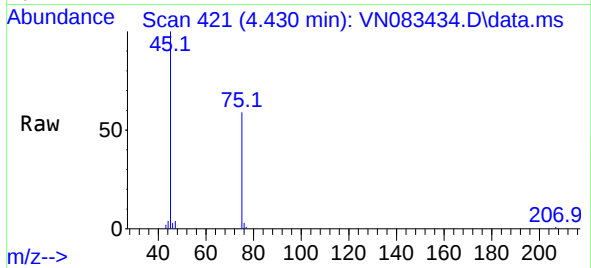
Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



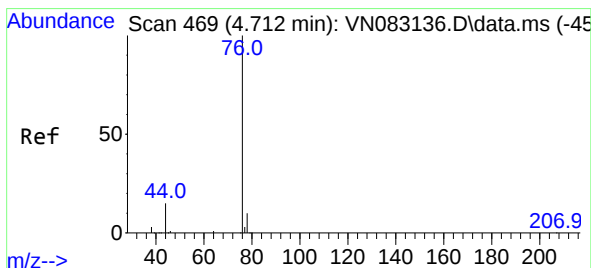
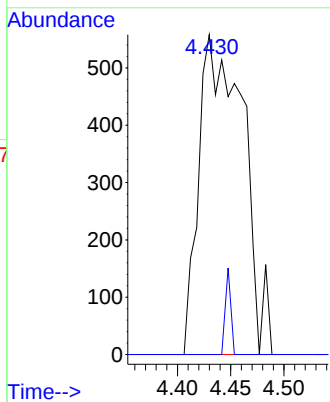
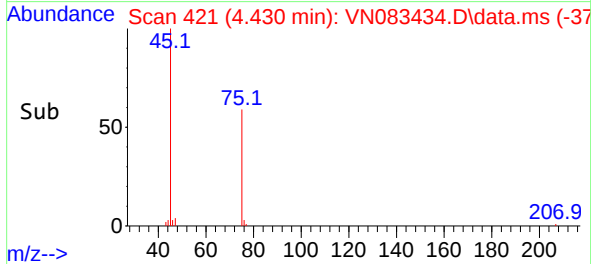


#16
Acetone
Concen: 2.109 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

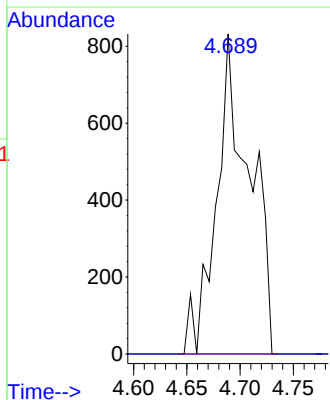
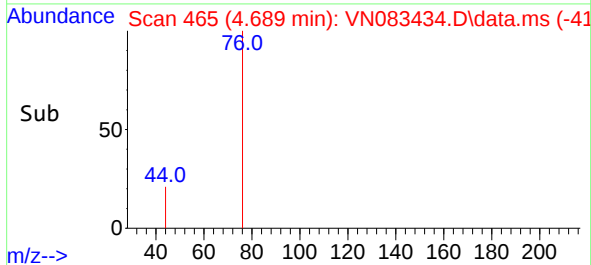
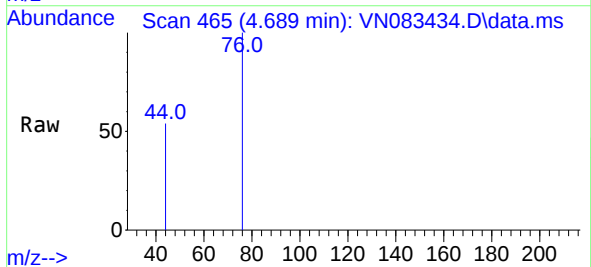


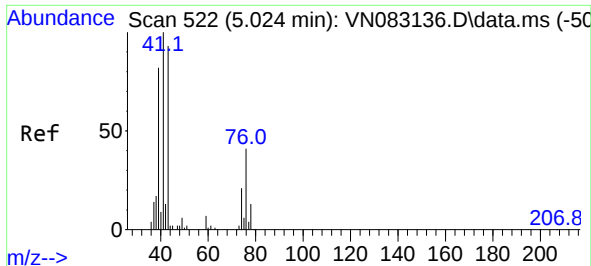
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.405 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.024 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Tgt Ion: 76 Resp: 1802
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 1.253 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

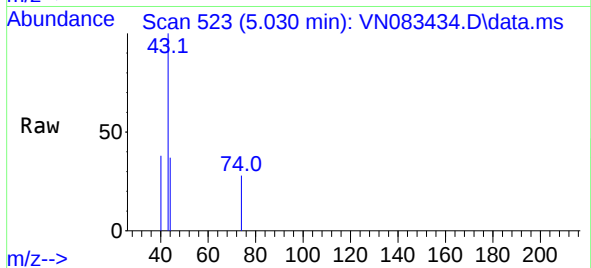
Lab File: VN083434.D

Acq: 22 Aug 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

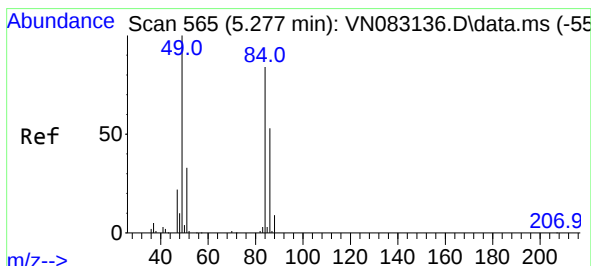
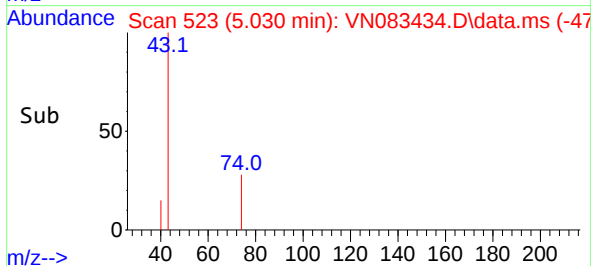
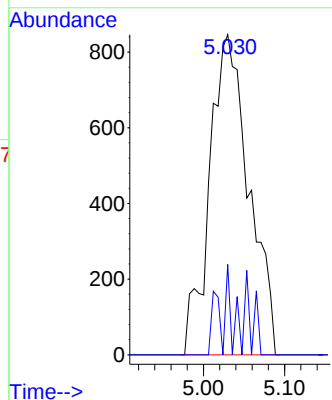


Tgt Ion: 43 Resp: 2849

Ion Ratio Lower Upper

43 100

74 2.9 16.3 24.5#



#20

Methylene Chloride

Concen: 0.315 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.018 min

Lab File: VN083434.D

Acq: 22 Aug 2024 14:32

Tgt Ion: 84 Resp: 553

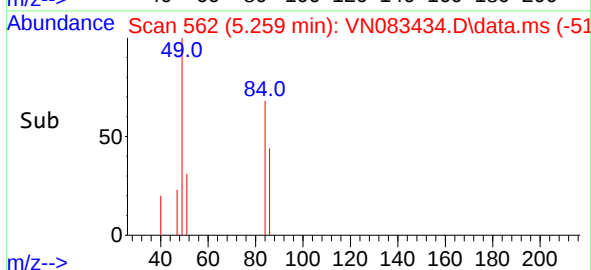
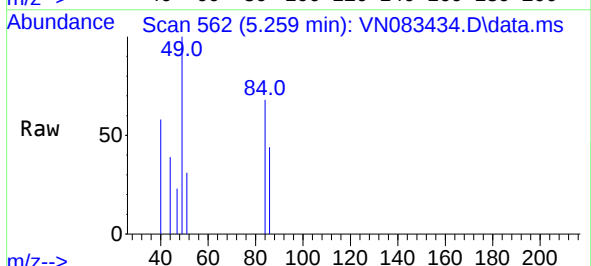
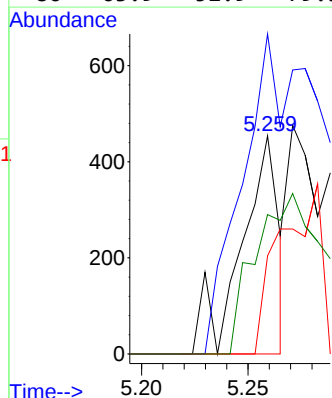
Ion Ratio Lower Upper

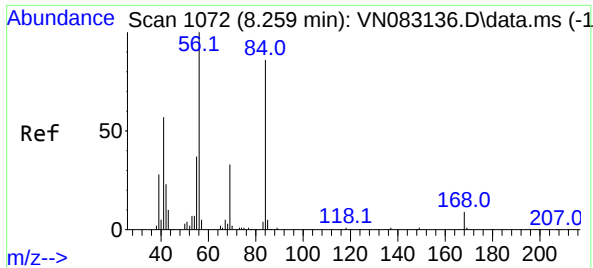
84 100

49 146.7 119.6 179.4

51 44.9 34.8 52.2

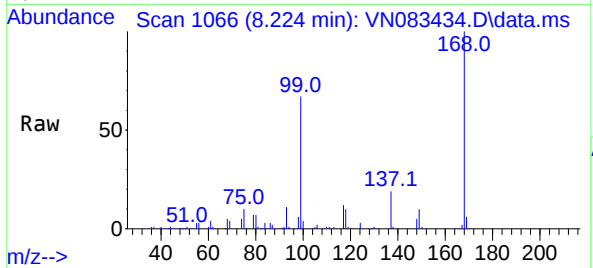
86 63.9 52.9 79.3



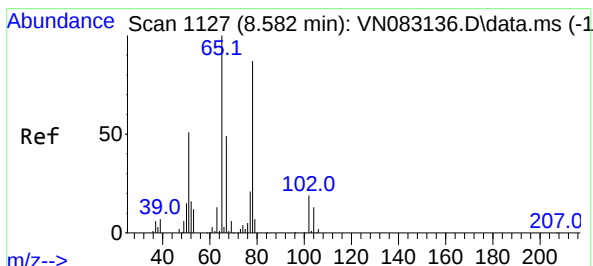
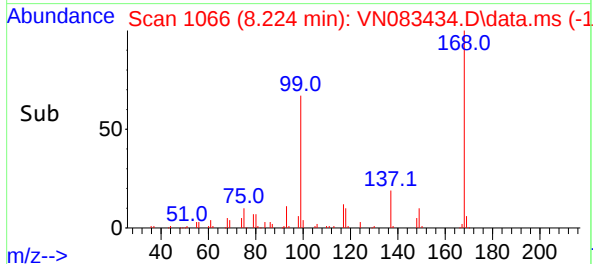
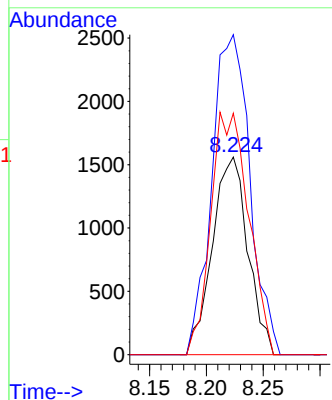


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

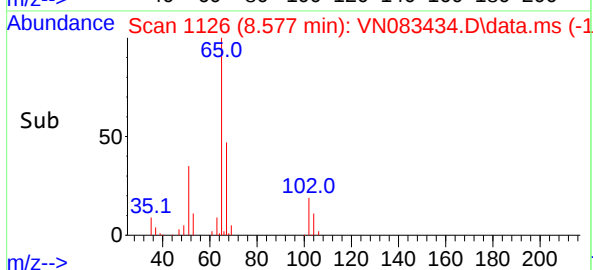
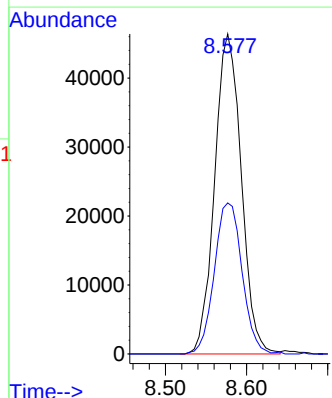
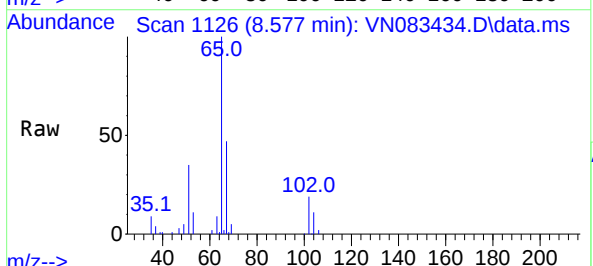


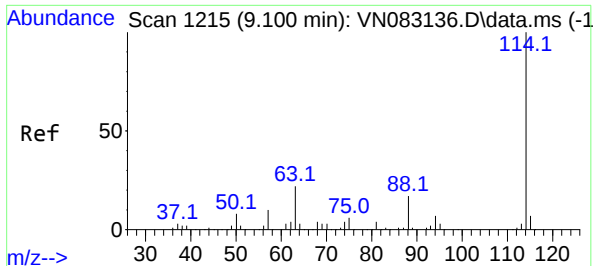
Tgt Ion: 56 Resp: 3393
Ion Ratio Lower Upper
56 100
69 161.9 24.5 36.7#
84 122.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 54.234 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Tgt Ion: 65 Resp: 105787
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.4

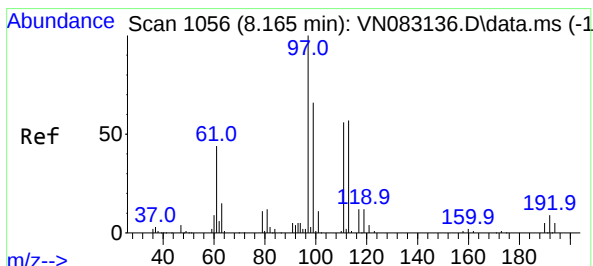
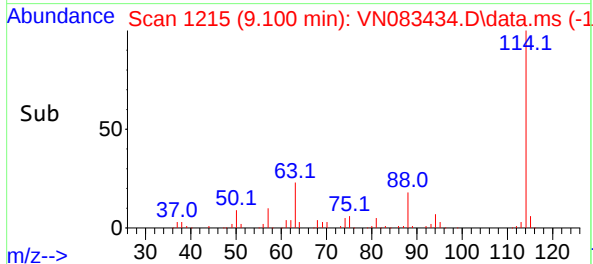
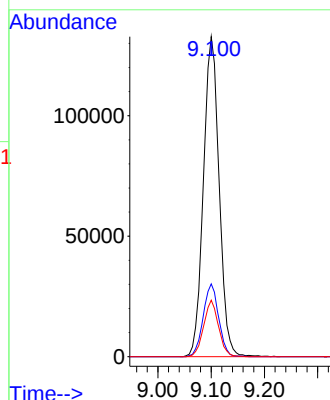
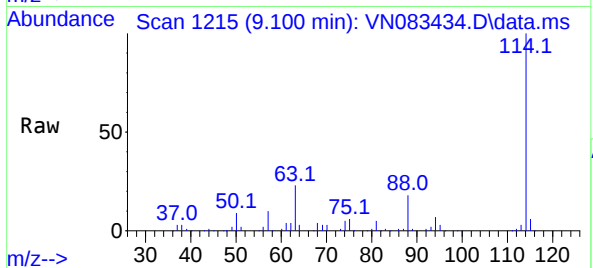




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

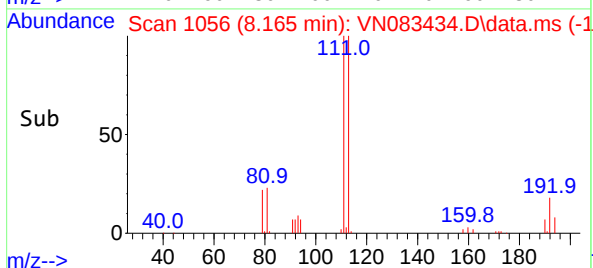
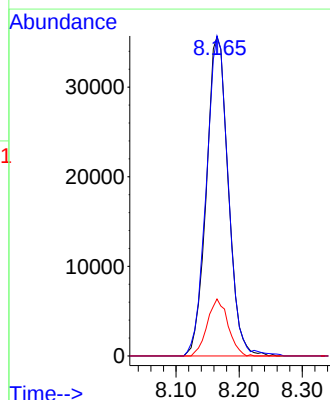
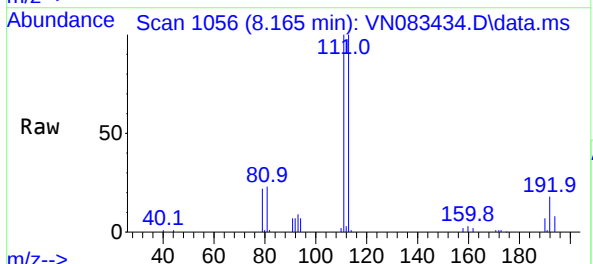
Instrument :
MSVOA_N
ClientSampleId :

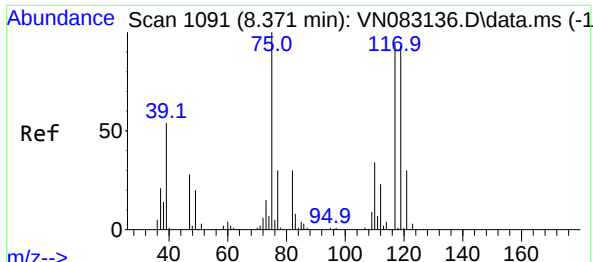
Tgt Ion:114 Resp: 272156
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.6
88 17.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.301 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

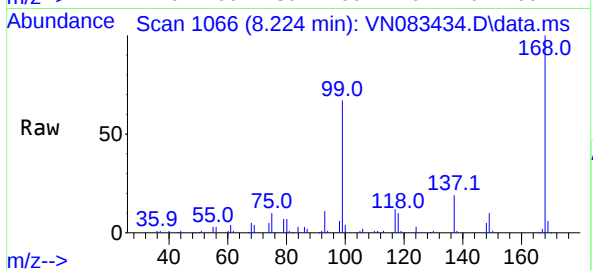
Tgt Ion:113 Resp: 85448
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 17.0 14.9 22.3



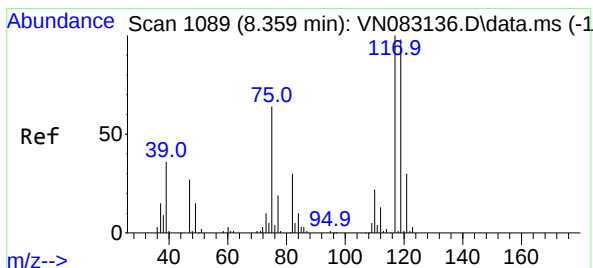
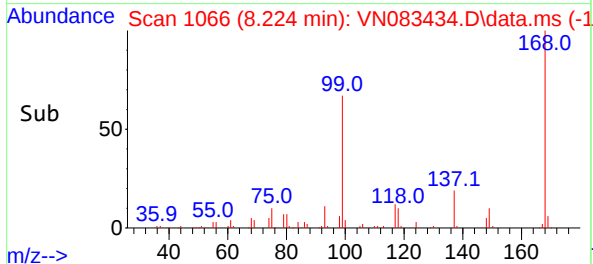
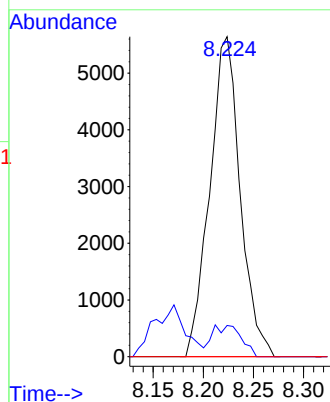


#36
 1,1-Dichloropropene
 Concen: 4.629 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083434.D
 Acq: 22 Aug 2024 14:32

Instrument :
 MSVOA_N
 ClientSampleId :

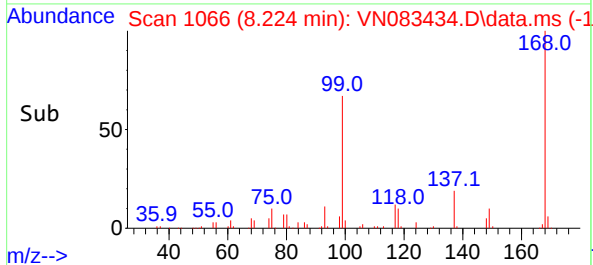
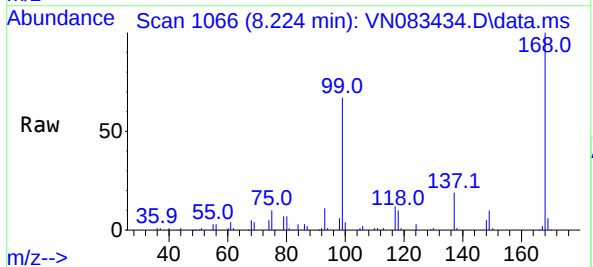
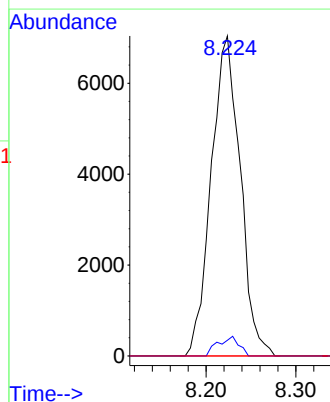


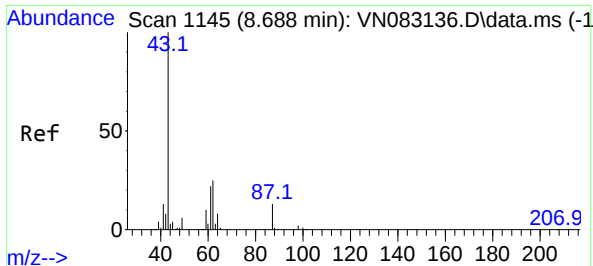
Tgt Ion: 75 Resp: 11894
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.3 48.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.464 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN083434.D
 Acq: 22 Aug 2024 14:32

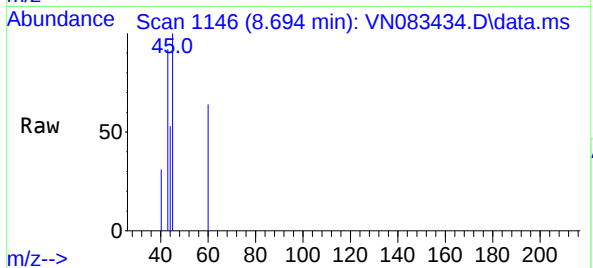
Tgt Ion: 117 Resp: 15815
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.9 112.3#
 121 0.0 24.3 36.5#



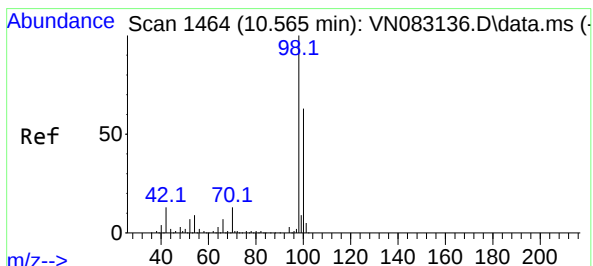
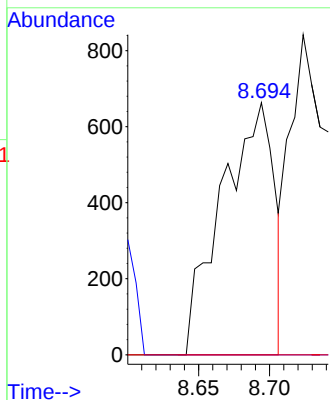
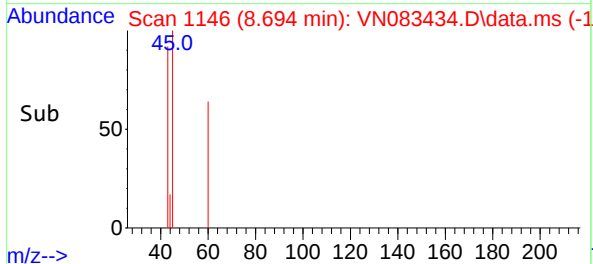


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

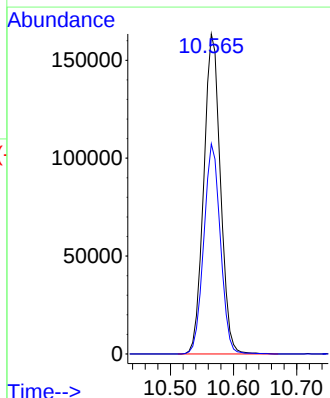
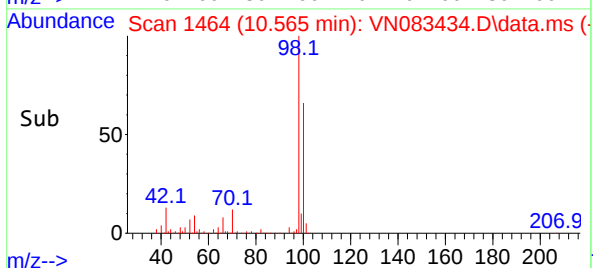
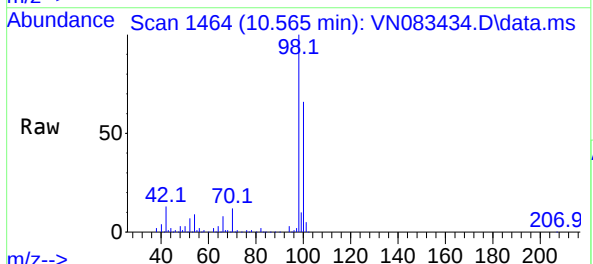


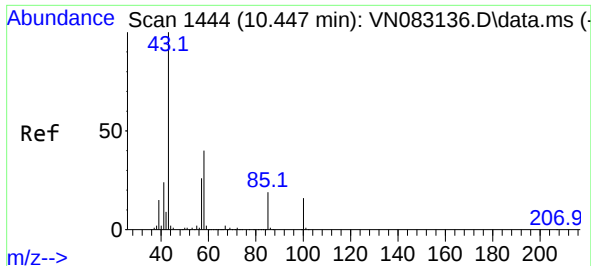
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 47.395 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

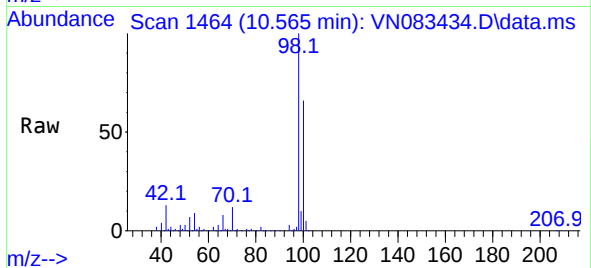
Tgt Ion: 98 Resp: 300326
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



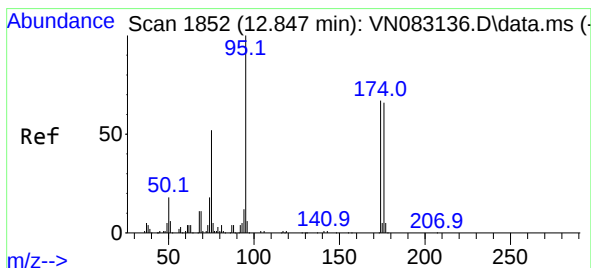
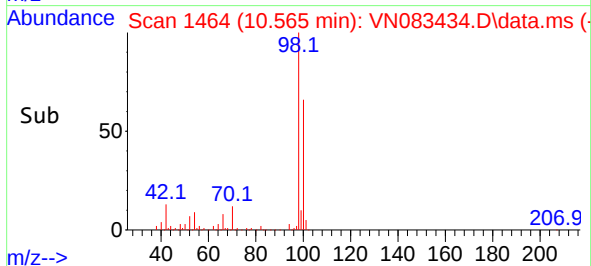
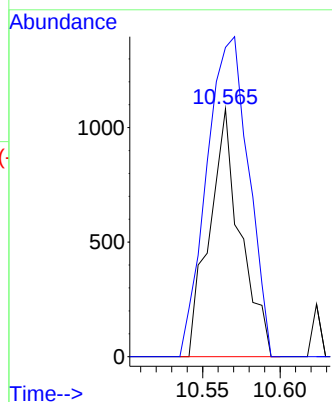


#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

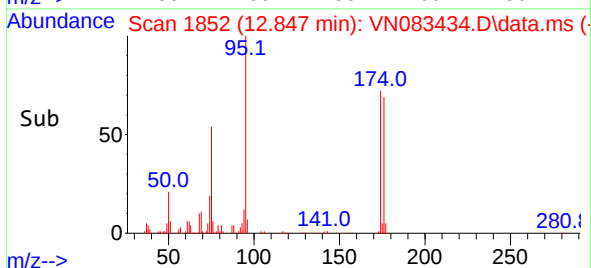
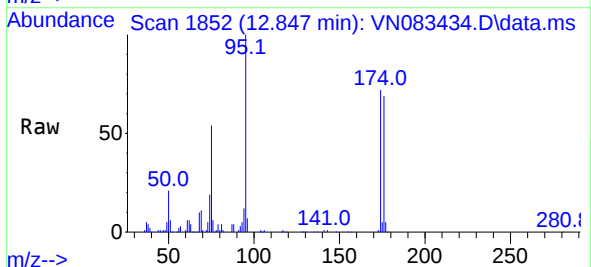
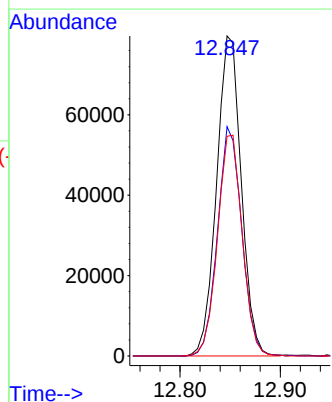


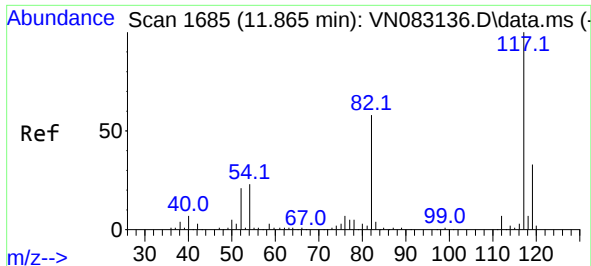
Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 174.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 55.084 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Tgt Ion: 95 Resp: 136079
Ion Ratio Lower Upper
95 100
174 70.3 0.0 159.2
176 69.1 0.0 147.6

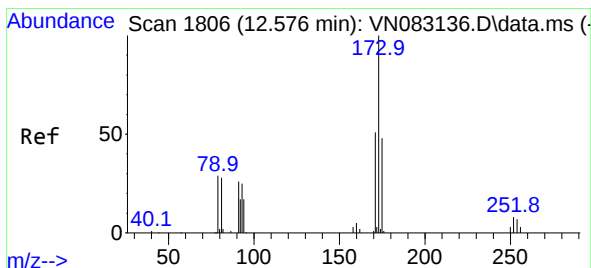
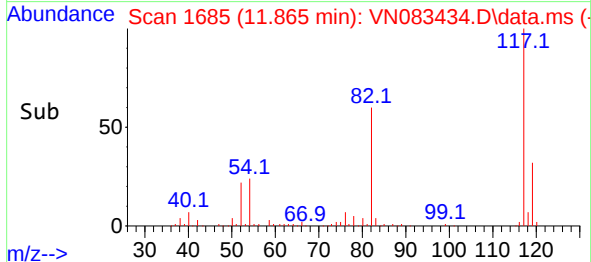
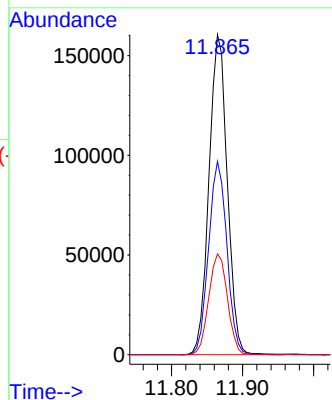
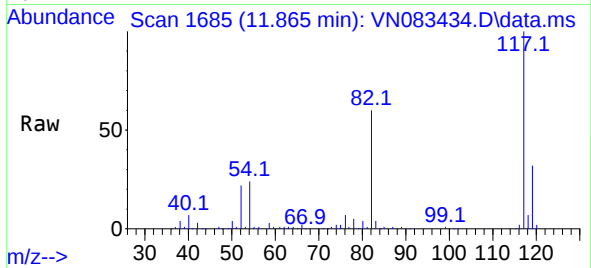




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

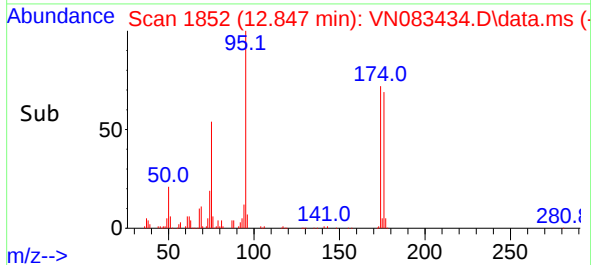
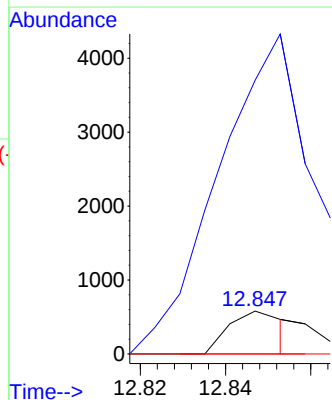
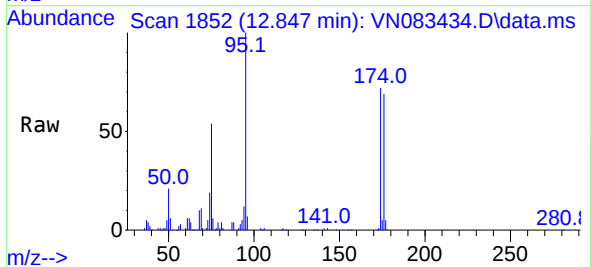
Instrument :
MSVOA_N
ClientSampleId :

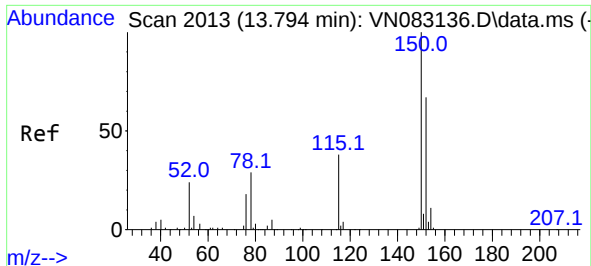
Tgt Ion:117 Resp: 286868
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 31.5 25.6 38.4



#71
Bromoform
Concen: 0.303 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

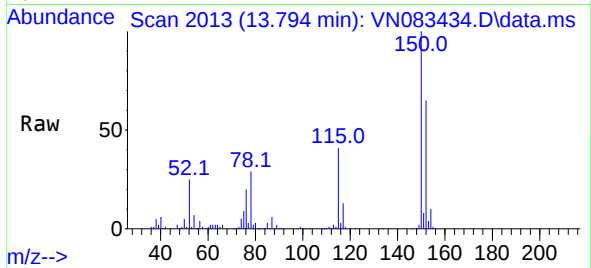
Tgt Ion:173 Resp: 513
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



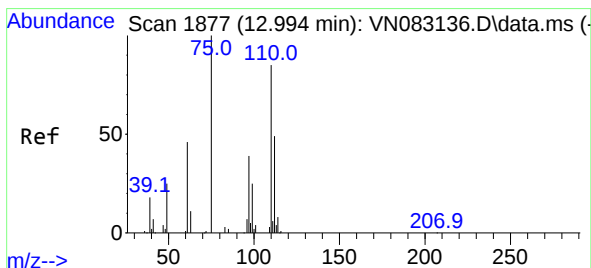
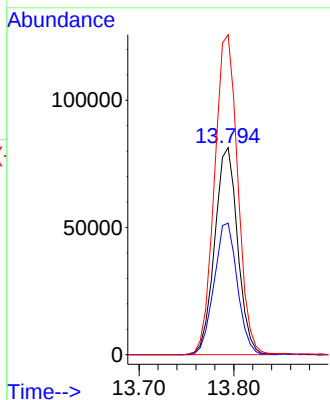
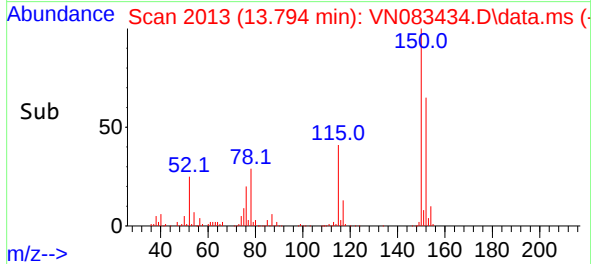


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

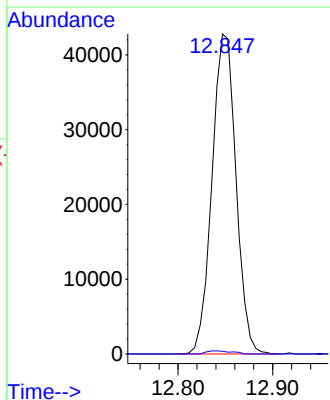
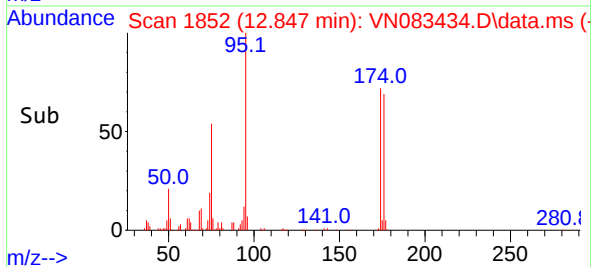
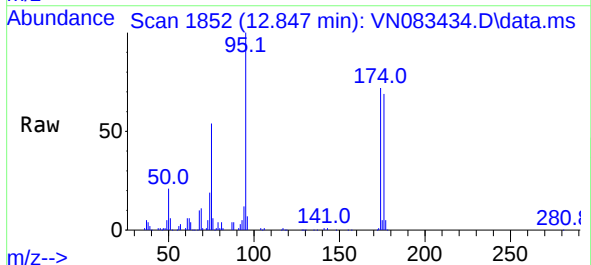


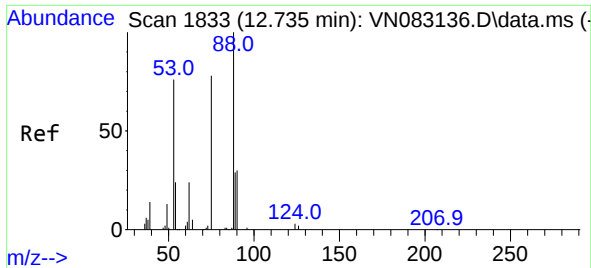
Tgt Ion:152 Resp: 137382
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 156.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 24.947 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

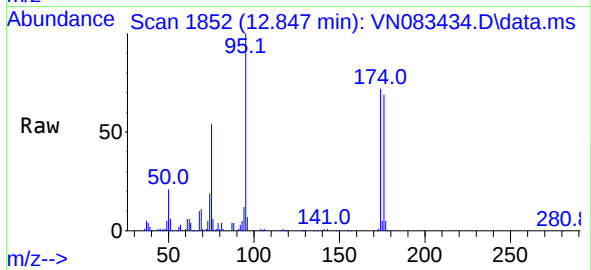
Tgt Ion: 75 Resp: 75219
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.265 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083434.D
Acq: 22 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 75219
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

