

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083449.D
 Acq On : 23 Aug 2024 10:15
 Operator : JC\MD
 Sample : VV0823WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 23:54:16 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)

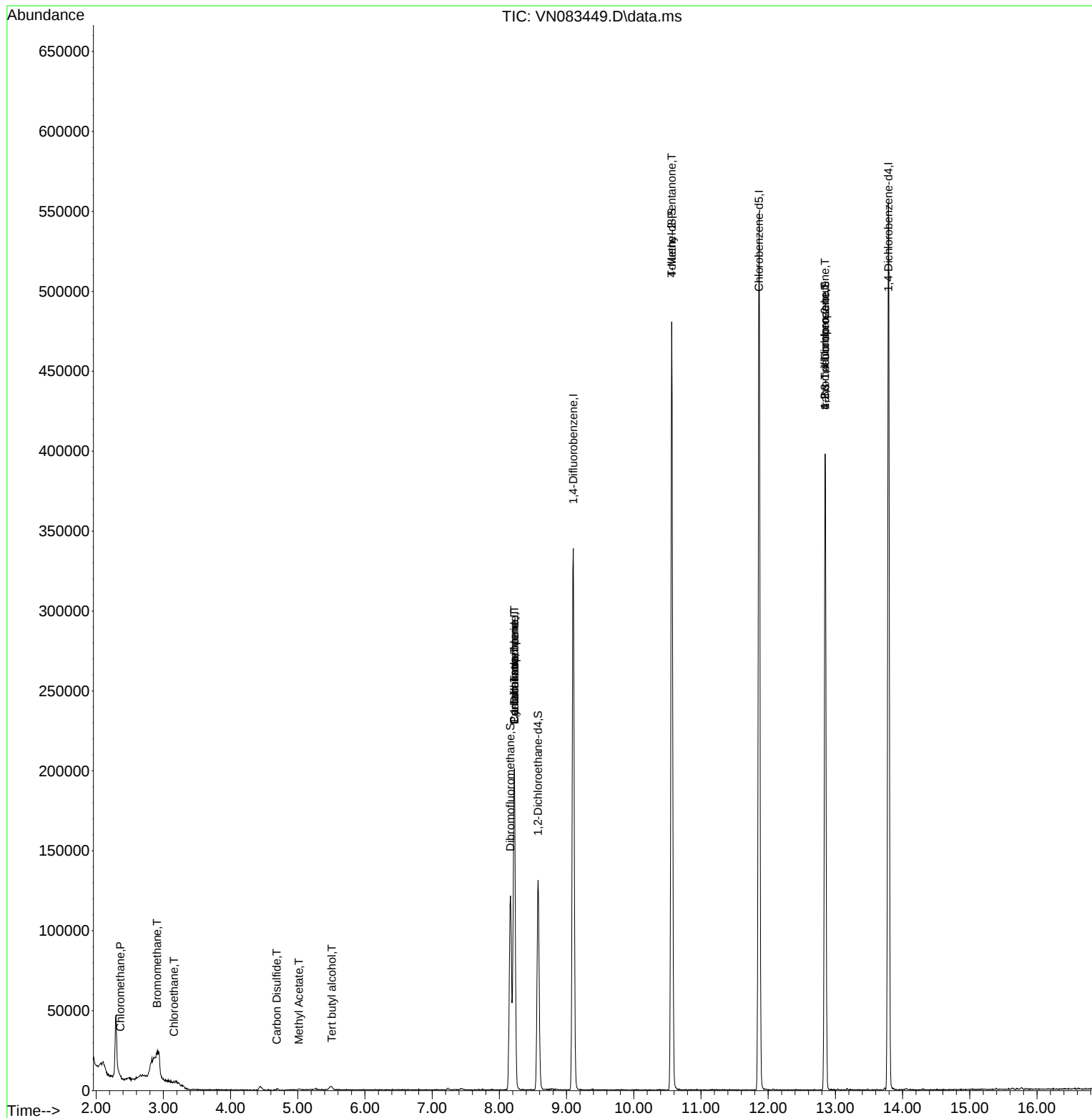
Internal Standards						
1) Pentafluorobenzene	8.224	168	137999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112256	57.149	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.300%		
35) Dibromofluoromethane	8.165	113	88444	49.853	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.700%		
50) Toluene-d8	10.565	98	320973	48.501	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.000%		
62) 4-Bromofluorobenzene	12.847	95	142448	55.212	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 110.420%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	535	0.334	ug/l #	43
5) Bromomethane	2.906	94	221	0.218	ug/l	99
6) Chloroethane	3.159	64	253	0.247	ug/l #	41
11) Tert butyl alcohol	5.506	59	2257	5.529	ug/l #	71
17) Carbon Disulfide	4.689	76	1794	0.401	ug/l #	75
18) Methyl Acetate	5.018	43	1381	0.603	ug/l #	56
31) Cyclohexane	8.224	56	3382	1.162	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	12584	4.689	ug/l #	53
38) Carbon Tetrachloride	8.224	117	16366	5.414	ug/l #	16
43) Isopropyl Acetate	8.682	43	214	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1492	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	79087	25.328	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79087	55.094	ug/l #	6

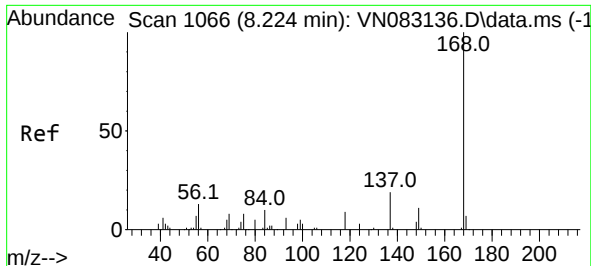
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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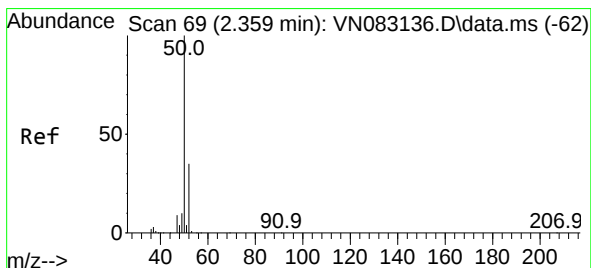
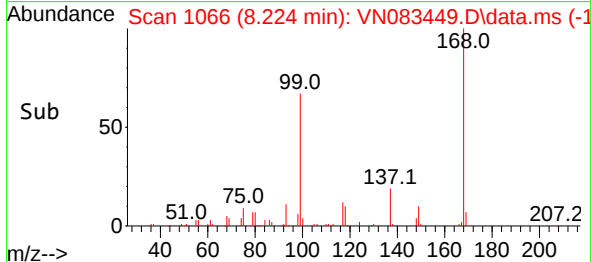
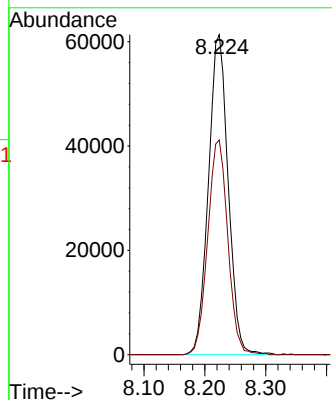
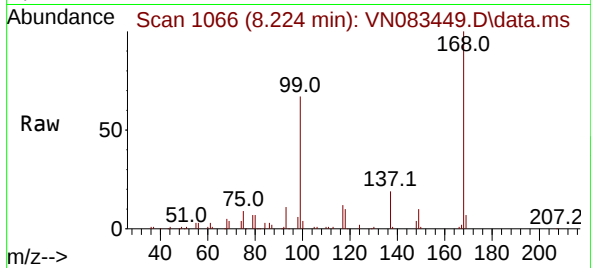




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

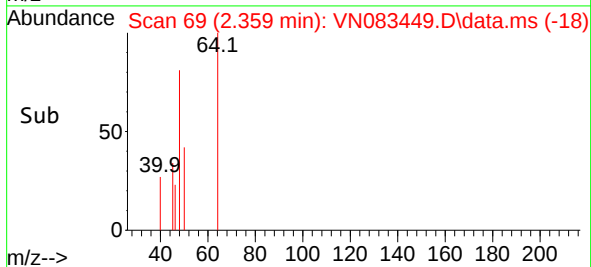
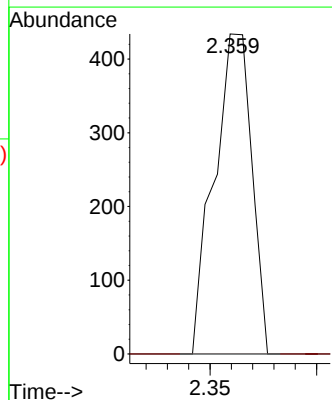
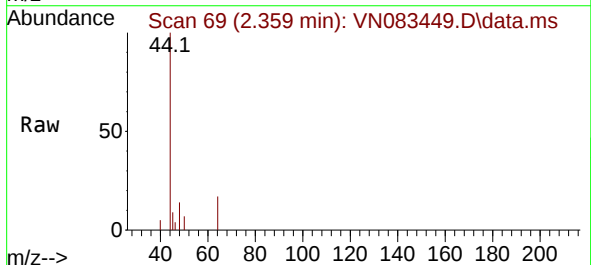
Instrument :
MSVOA_N
ClientSampleId :

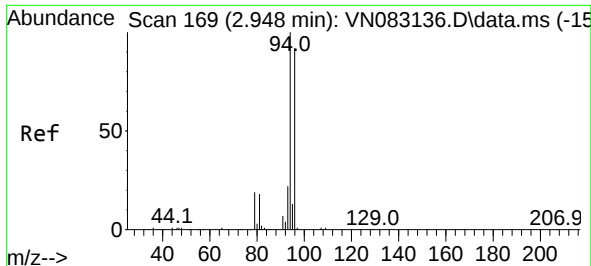
Tgt Ion:168 Resp: 137999
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#3
Chloromethane
Concen: 0.334 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

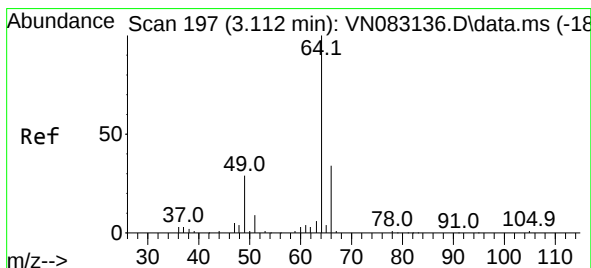
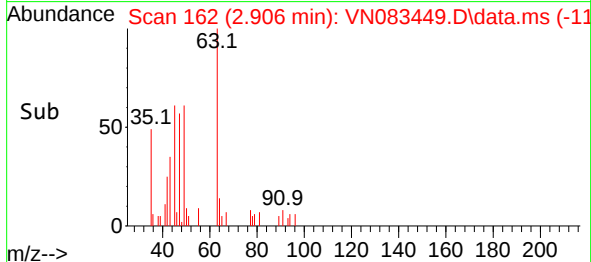
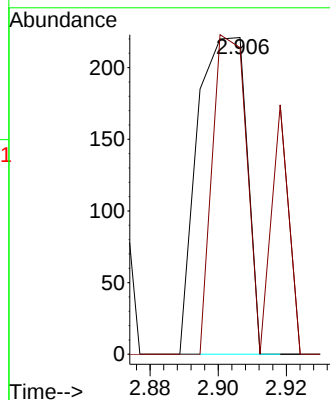
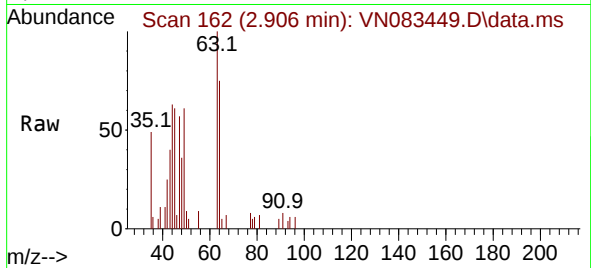




#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

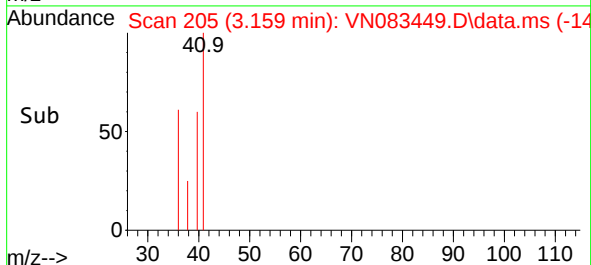
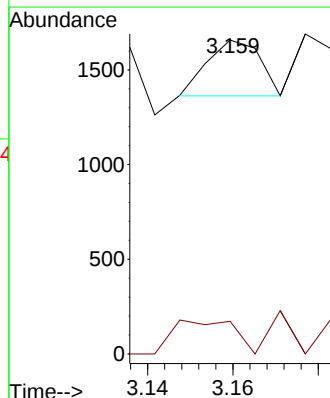
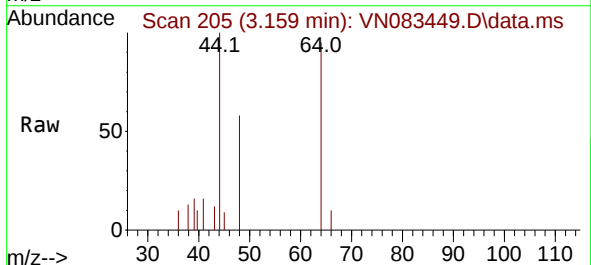
Instrument :
MSVOA_N
ClientSampleId :

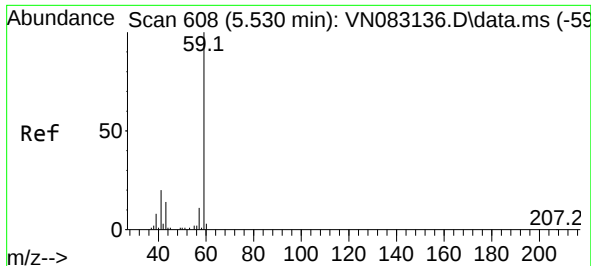
Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 96.8 78.0 117.0



#6
Chloroethane
Concen: 0.247 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.047 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

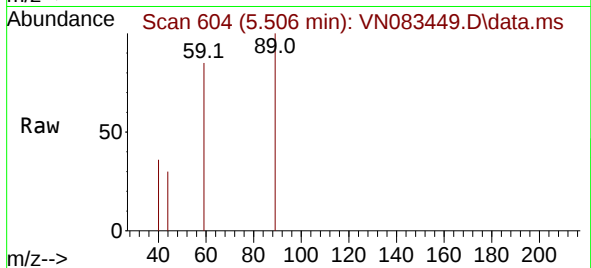
Tgt Ion: 64 Resp: 253
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



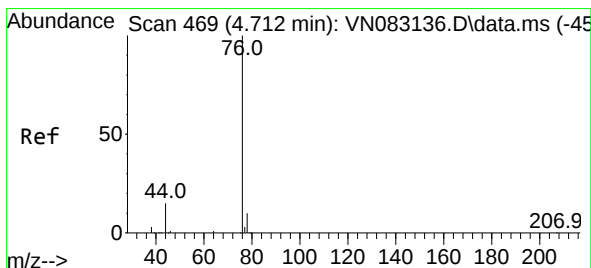
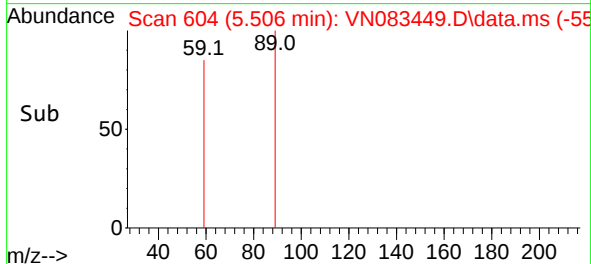
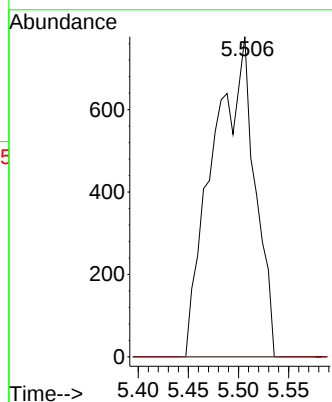


#11
Tert butyl alcohol
Concen: 5.529 ug/l
RT: 5.506 min Scan# 608
Delta R.T. -0.024 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :

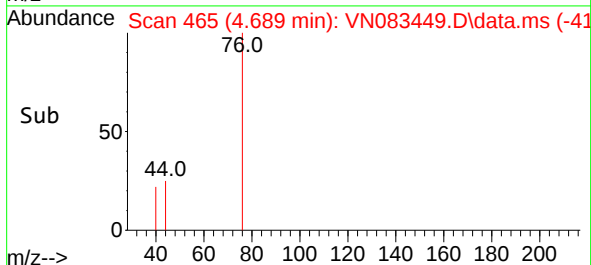
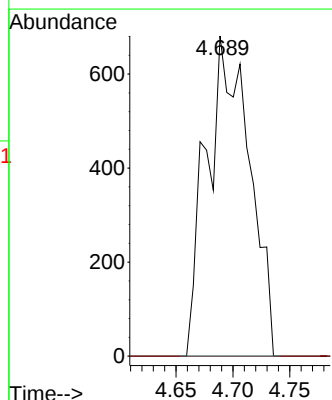
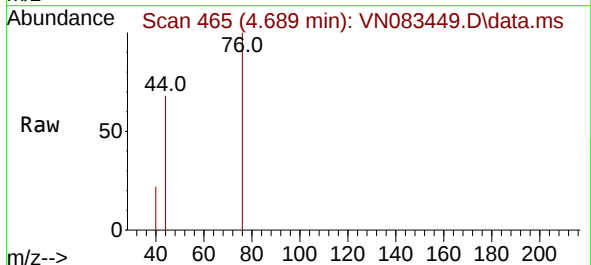


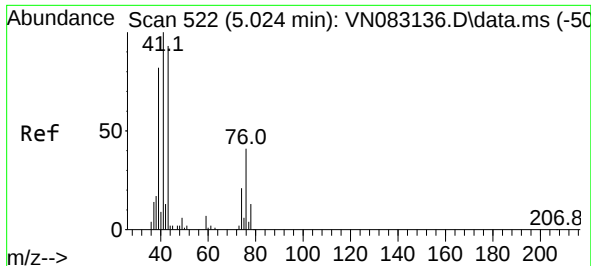
Tgt Ion: 59 Resp: 2257
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#17
Carbon Disulfide
Concen: 0.401 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.024 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

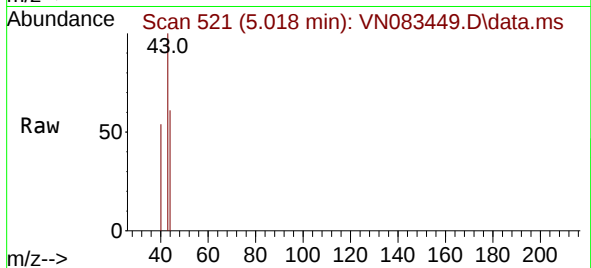
Tgt Ion: 76 Resp: 1794
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



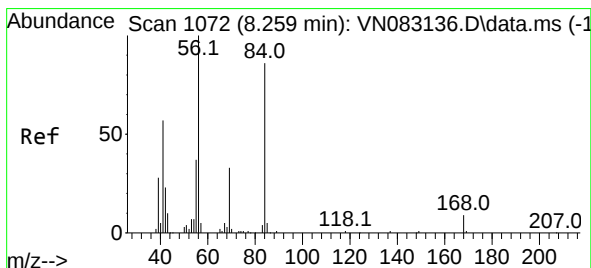
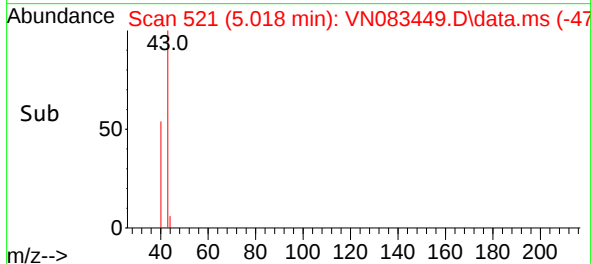
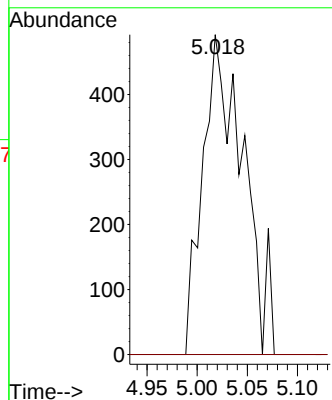


#18
Methyl Acetate
Concen: 0.603 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :

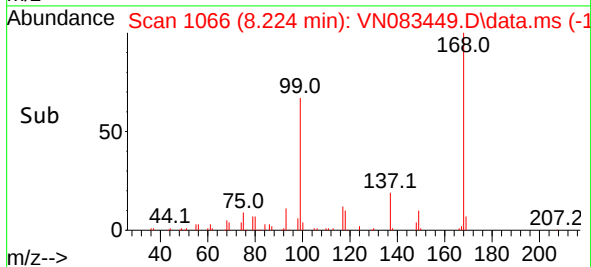
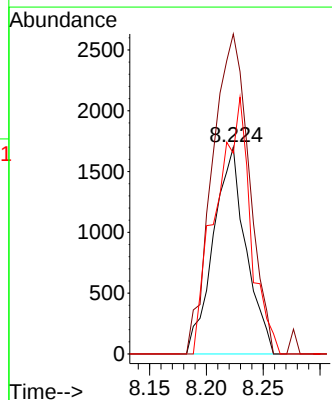
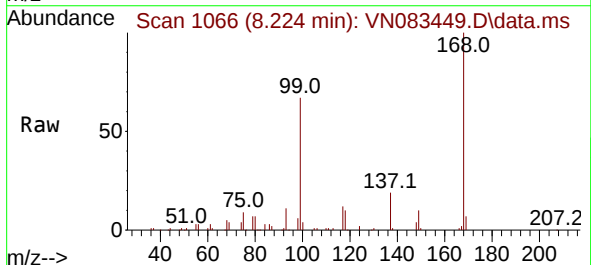


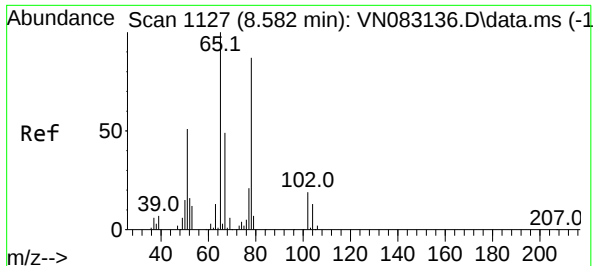
Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

Tgt Ion: 56 Resp: 3382
Ion Ratio Lower Upper
56 100
69 154.9 24.5 36.7#
84 97.2 66.0 99.0

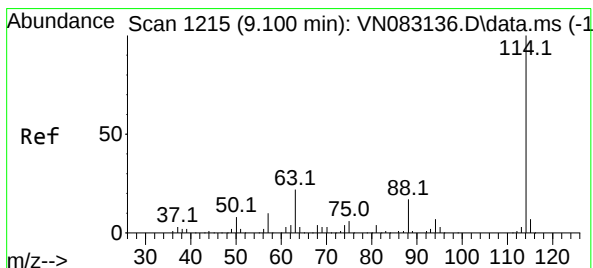
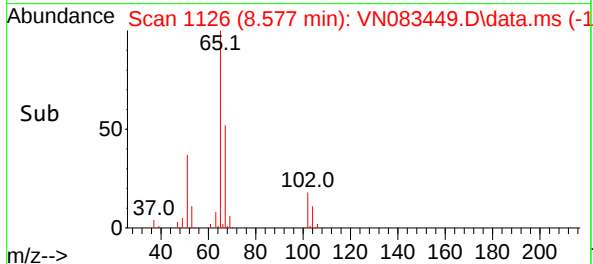
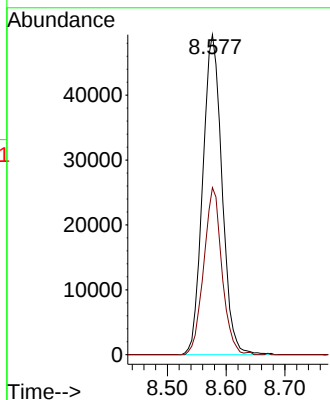
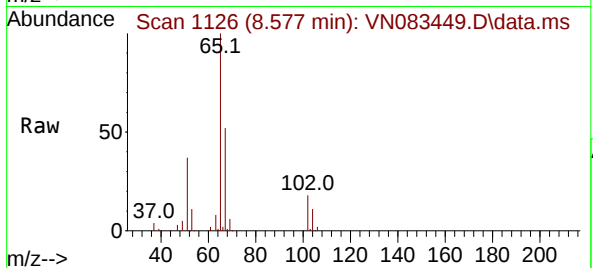




#33
 1,2-Dichloroethane-d4
 Concen: 57.149 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN083449.D
 Acq: 23 Aug 2024 10:15

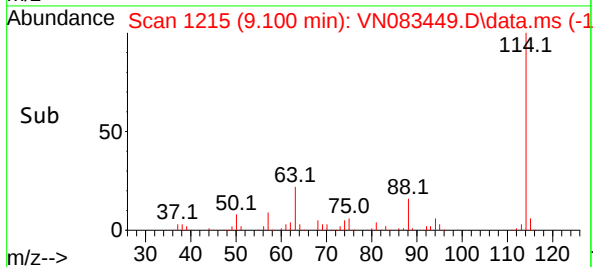
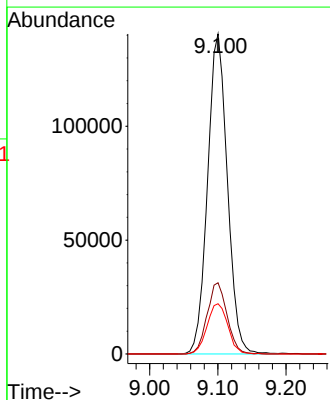
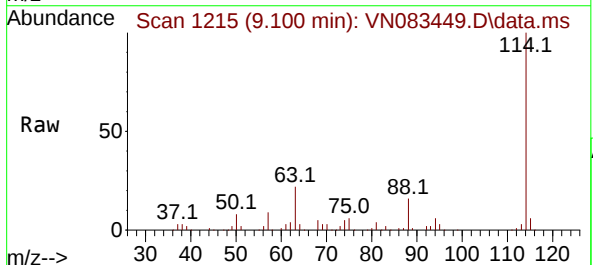
Instrument :
 MSVOA_N
 ClientSampleId :

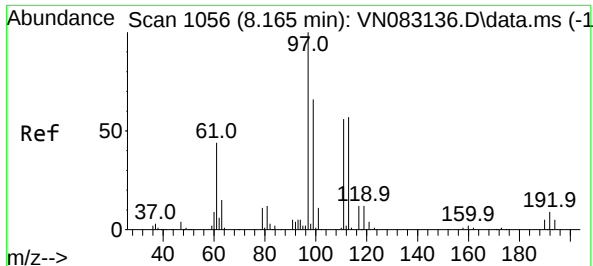
Tgt Ion: 65 Resp: 112256
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083449.D
 Acq: 23 Aug 2024 10:15

Tgt Ion: 114 Resp: 284230
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.853 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083449.D

Acq: 23 Aug 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

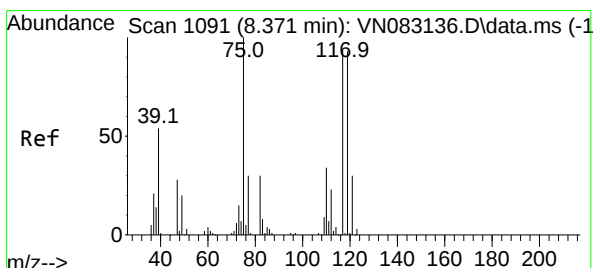
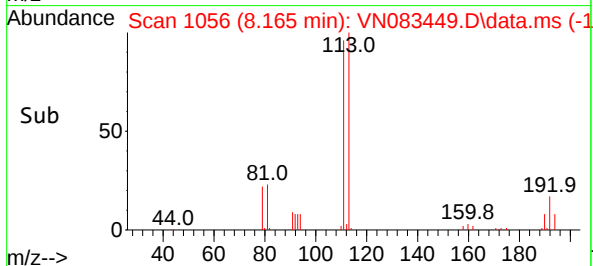
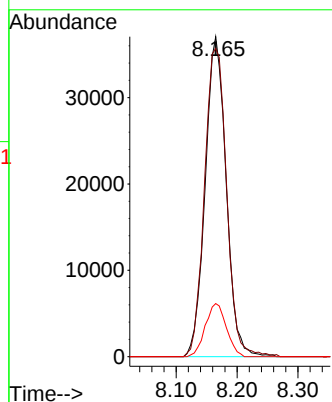
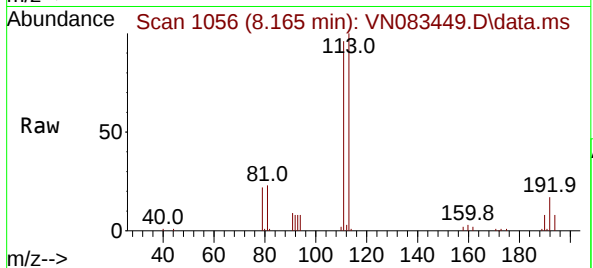
Tgt Ion:113 Resp: 88444

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 16.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.689 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083449.D

Acq: 23 Aug 2024 10:15

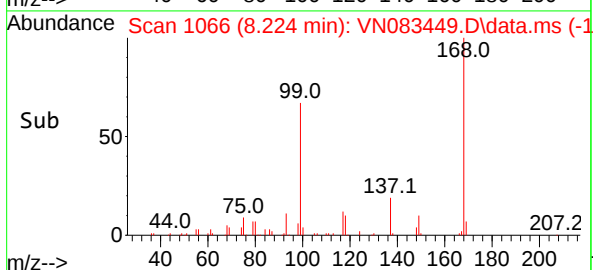
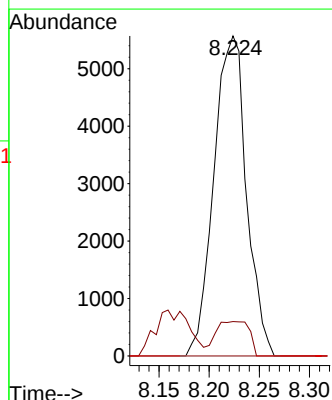
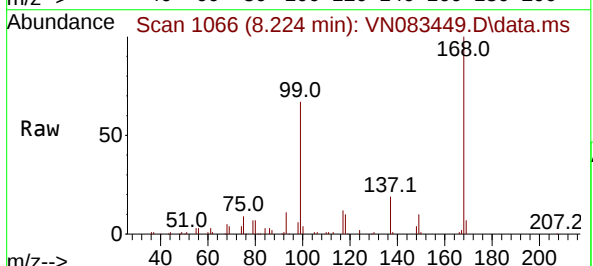
Tgt Ion: 75 Resp: 12584

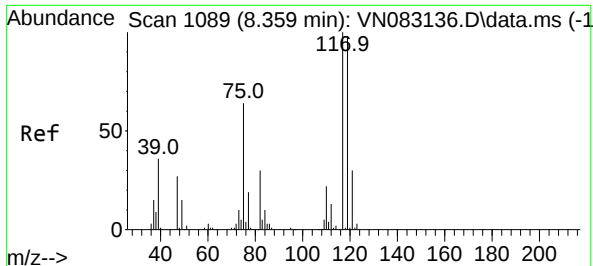
Ion Ratio Lower Upper

75 100

110 11.1 16.3 48.9#

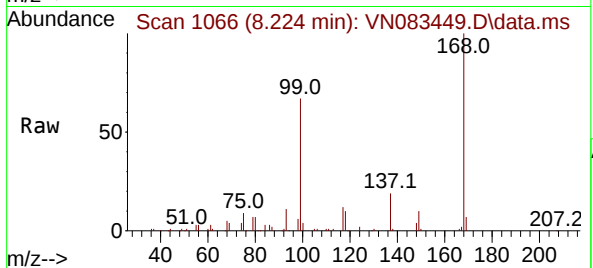
77 0.0 24.6 37.0#



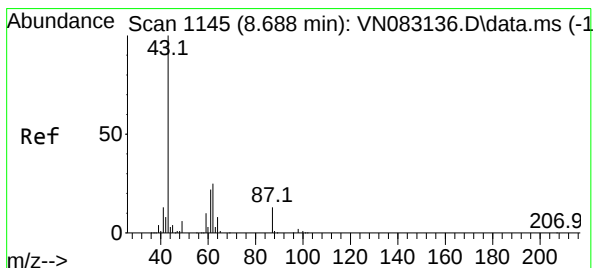
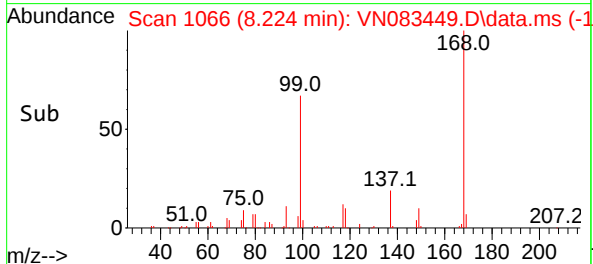
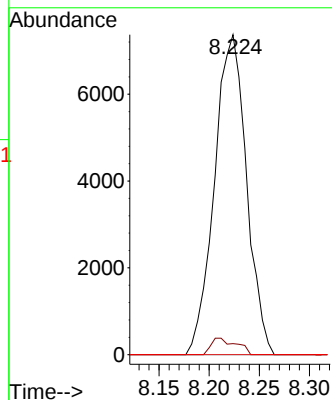


#38
Carbon Tetrachloride
Concen: 5.414 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :

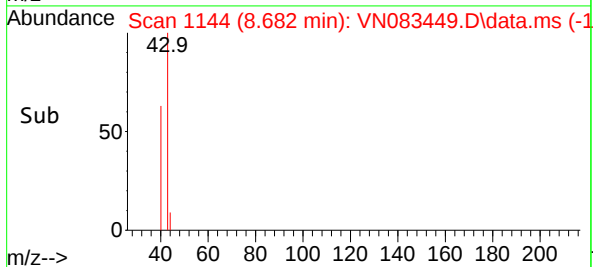
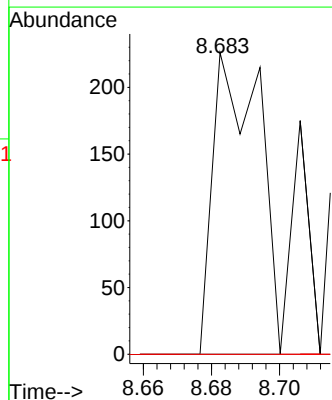
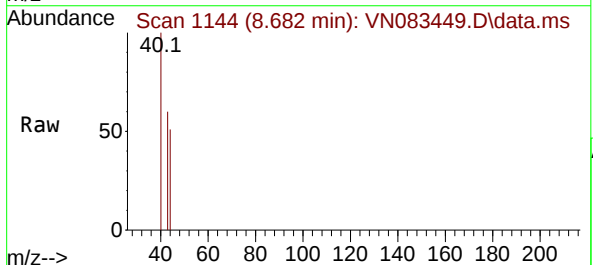


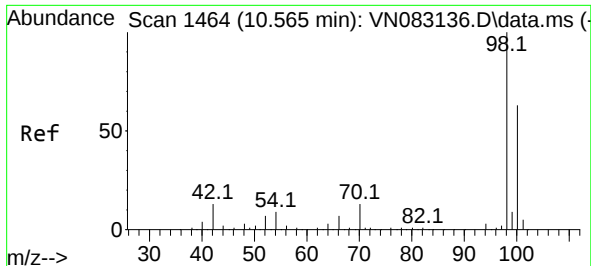
Tgt Ion: 117 Resp: 16366
Ion Ratio Lower Upper
117 100
119 3.4 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 48.501 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083449.D

Acq: 23 Aug 2024 10:15

Instrument :

MSVOA_N

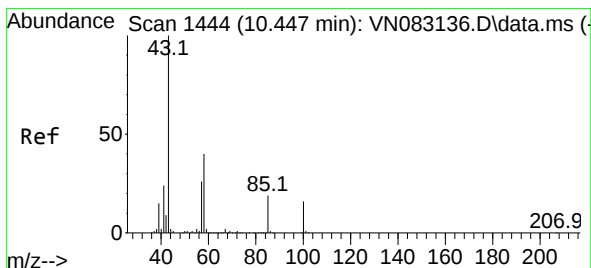
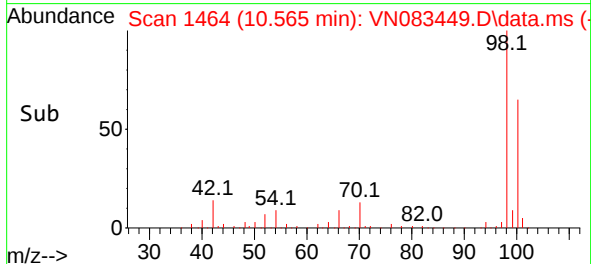
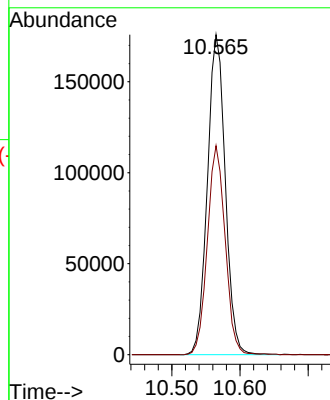
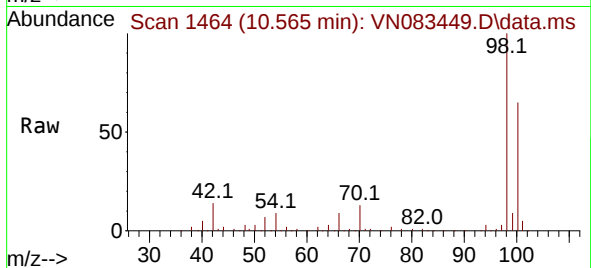
ClientSampleId :

Tgt Ion: 98 Resp: 320973

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.525 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083449.D

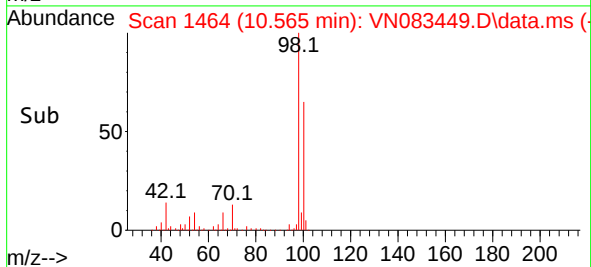
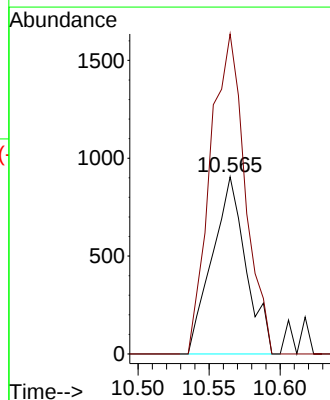
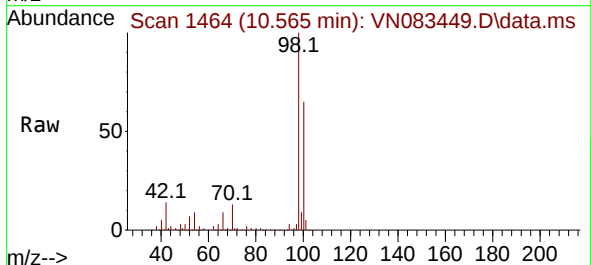
Acq: 23 Aug 2024 10:15

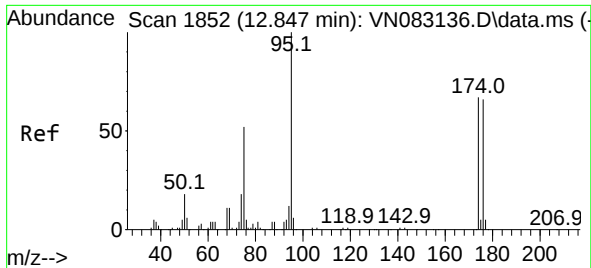
Tgt Ion: 43 Resp: 1492

Ion Ratio Lower Upper

43 100

58 187.3 28.2 42.4#

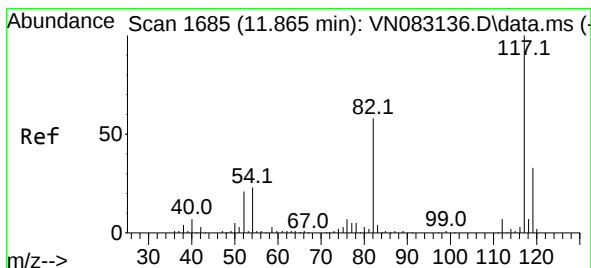
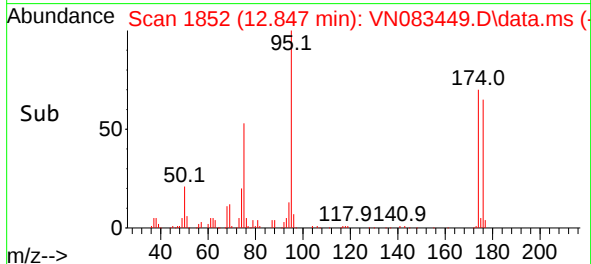
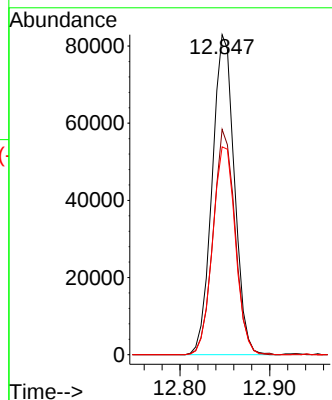
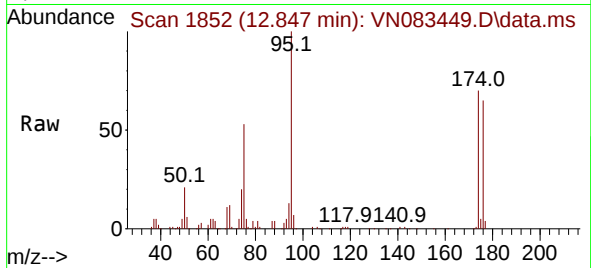




#62
4-Bromofluorobenzene
Concen: 55.212 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

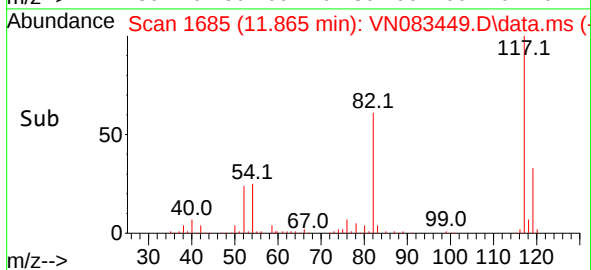
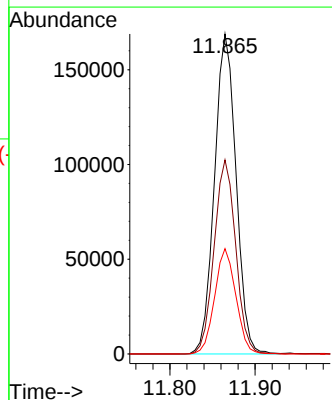
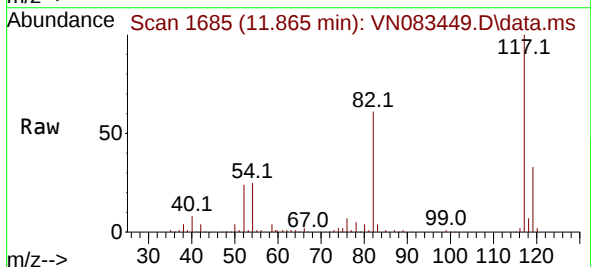
Instrument :
MSVOA_N
ClientSampleId :

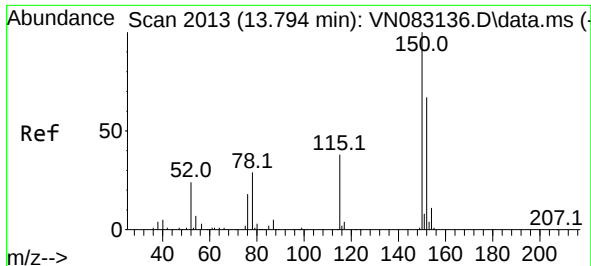
Tgt Ion: 95 Resp: 142448
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 66.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083449.D
Acq: 23 Aug 2024 10:15

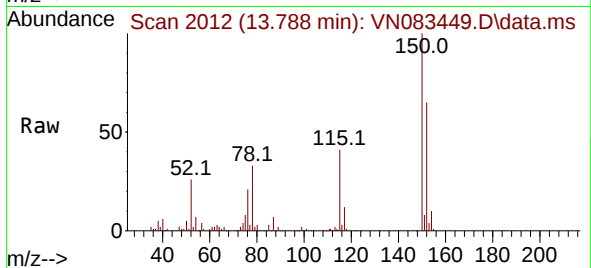
Tgt Ion: 117 Resp: 298003
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 32.9 25.6 38.4



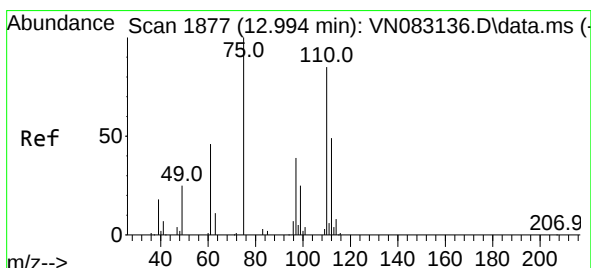
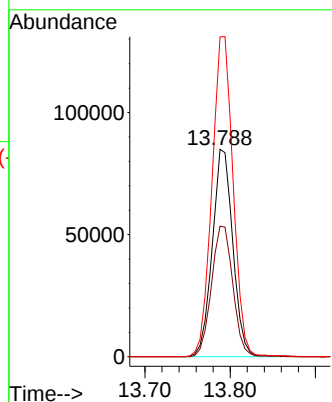
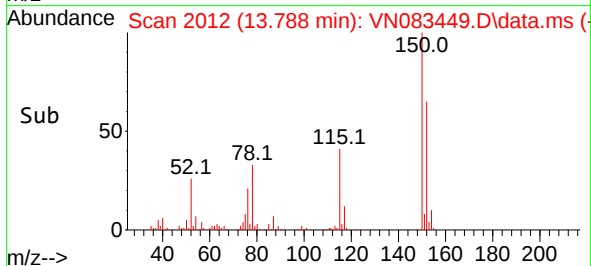


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: VN083449.D
 Acq: 23 Aug 2024 10:15

Instrument :
 MSVOA_N
 ClientSampleId :

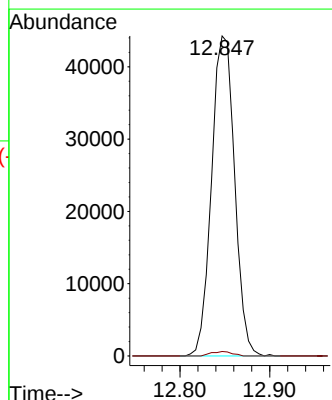
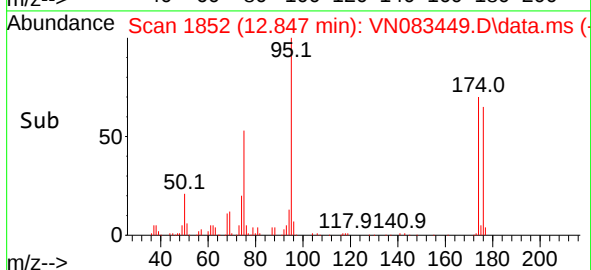
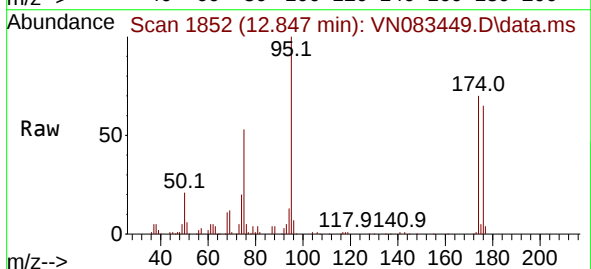


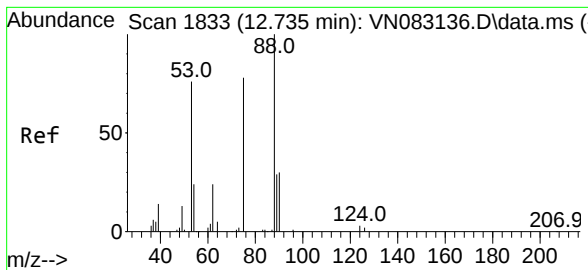
Tgt Ion:152 Resp: 142273
 Ion Ratio Lower Upper
 152 100
 115 65.4 30.6 91.6
 150 158.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 25.328 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083449.D
 Acq: 23 Aug 2024 10:15

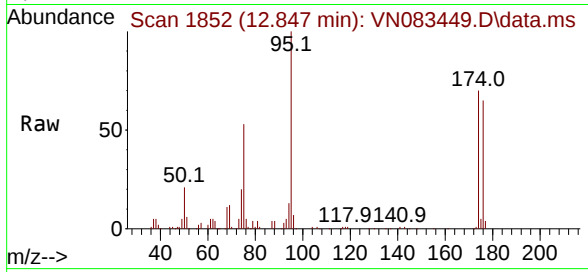
Tgt Ion: 75 Resp: 79087
 Ion Ratio Lower Upper
 75 100
 77 1.3 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.094 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083449.D
 Acq: 23 Aug 2024 10:15

Instrument :
 MSVOA_N
 ClientSampleId :



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

