

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084054.D
 Acq On : 19 Sep 2024 23:18
 Operator : JC\MD
 Sample : P4003-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 01:40:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

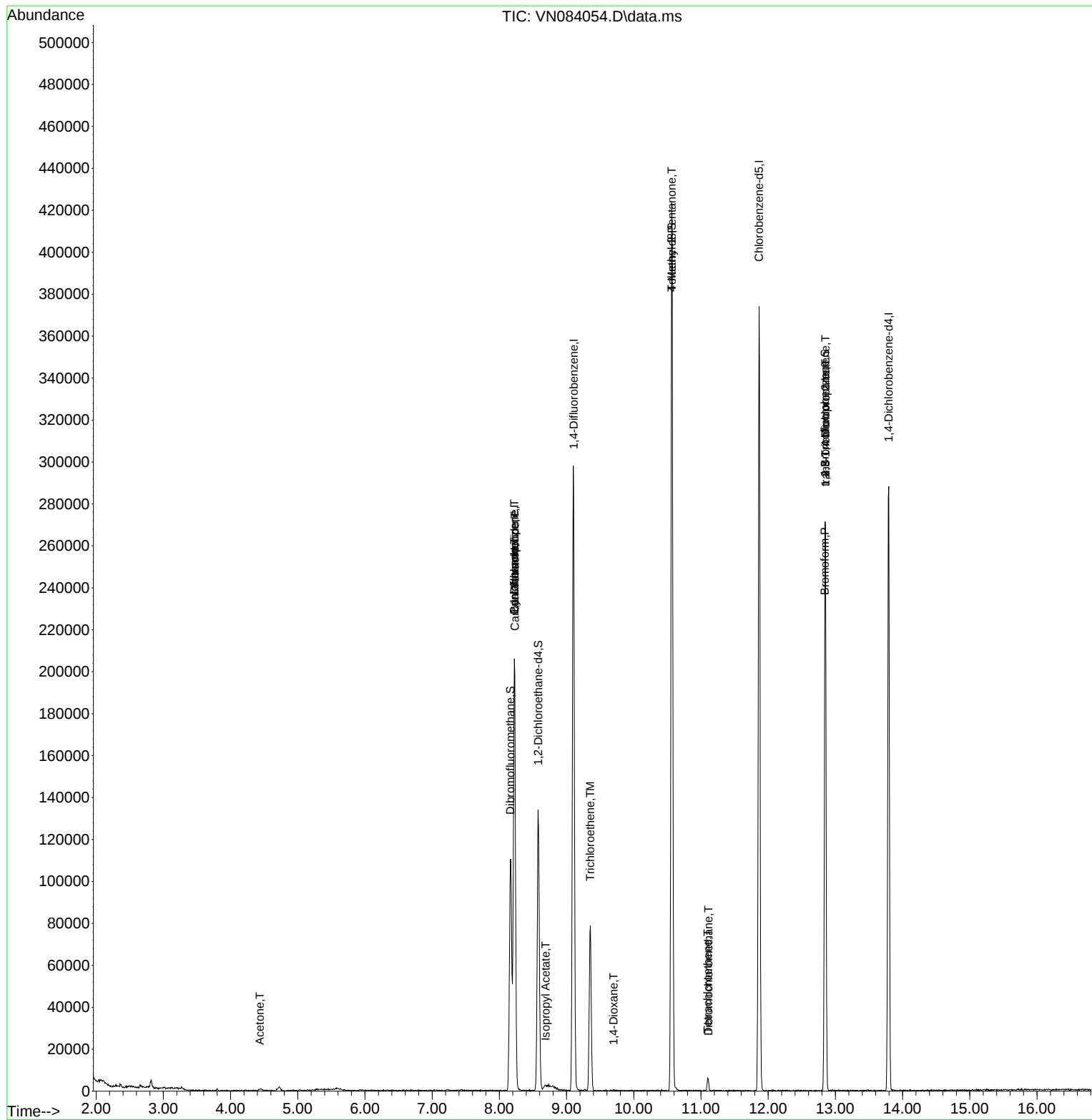
Internal Standards						
1) Pentafluorobenzene	8.224	168	137602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	239577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109760	52.900	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.800%		
35) Dibromofluoromethane	8.165	113	79197	51.636	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.280%		
50) Toluene-d8	10.565	98	284521	53.661	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.320%		
62) 4-Bromofluorobenzene	12.847	95	93365	42.680	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 85.360%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1141	Below Cal		97
16) Acetone	4.436	43	609	0.732 ug/l	#	45
18) Methyl Acetate	5.030	43	190	Below Cal	#	52
31) Cyclohexane	8.224	56	3808	1.270 ug/l	#	40
36) 1,1-Dichloropropene	8.224	75	12672	5.489 ug/l	#	50
38) Carbon Tetrachloride	8.230	117	15872	6.060 ug/l	#	18
43) Isopropyl Acetate	8.688	43	2649	0.698 ug/l	#	57
44) Trichloroethene	9.353	130	27492	17.086 ug/l		97
49) 1,4-Dioxane	9.700	88	143	4.825 ug/l	#	70
51) 4-Methyl-2-Pentanone	10.565	43	1392	0.673 ug/l	#	1
60) Dibromochloromethane	11.112	129	1462	0.823 ug/l	#	10
64) Tetrachloroethene	11.100	164	1130	0.849 ug/l	#	78
71) Bromoform	12.841	173	414	0.399 ug/l	#	29
76) 1,2,3-Trichloropropane	12.853	75	53966	36.447 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53966	95.458 ug/l	#	9

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
Data File : VN084054.D
Acq On : 19 Sep 2024 23:18
Operator : JC\MD
Sample : P4003-20
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

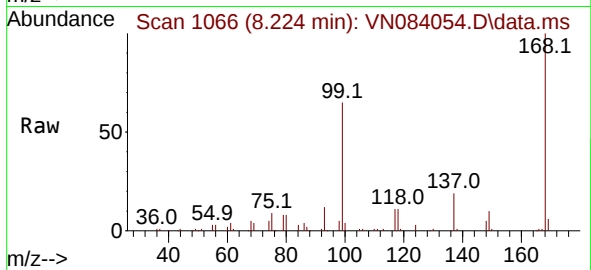
Quant Time: Sep 20 01:40:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



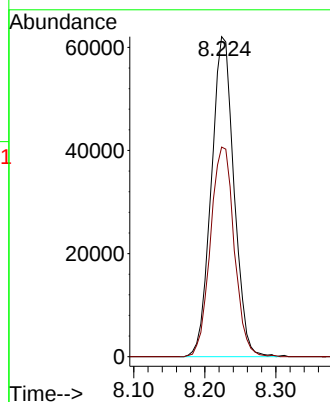
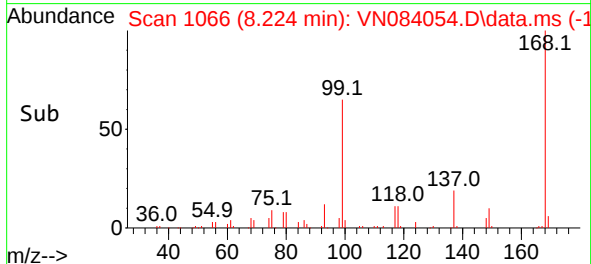


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

Instrument :
MSVOA_N
ClientSampleId :

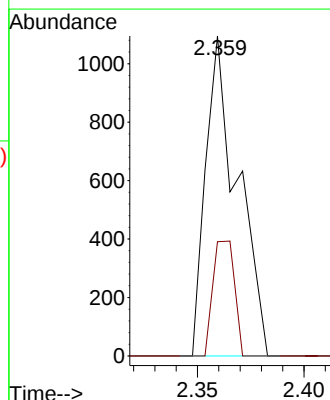
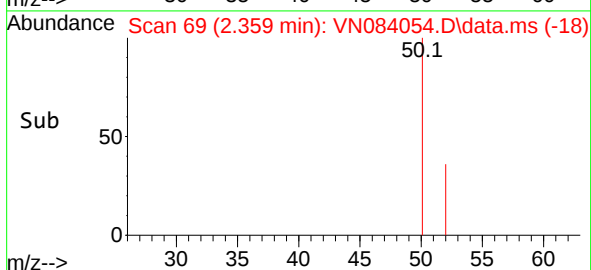
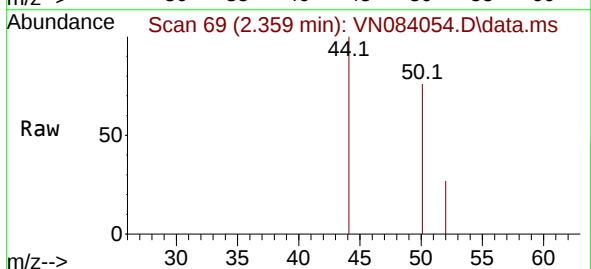


Tgt Ion:168 Resp: 137602
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

Tgt Ion: 50 Resp: 1141
Ion Ratio Lower Upper
50 100
52 35.7 27.2 40.8

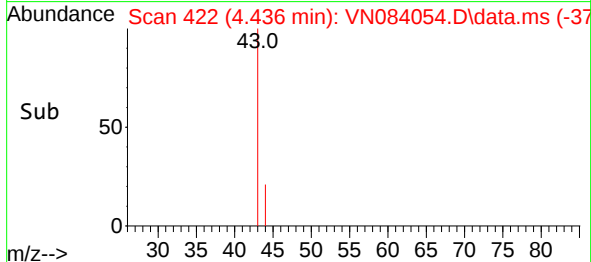
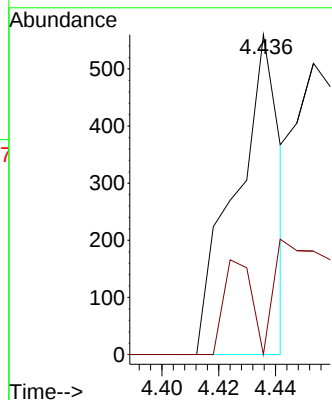
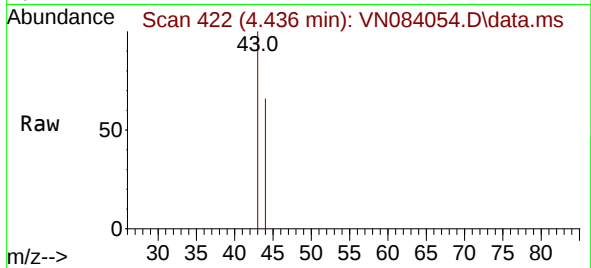




#16
Acetone
Concen: 0.732 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

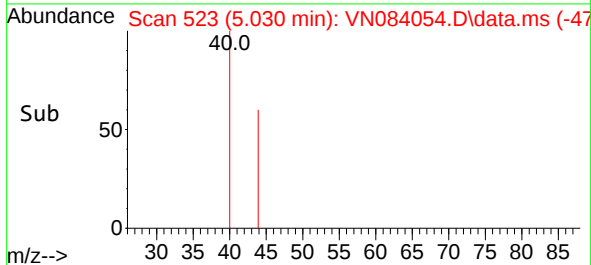
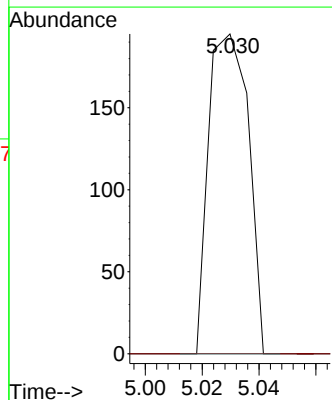
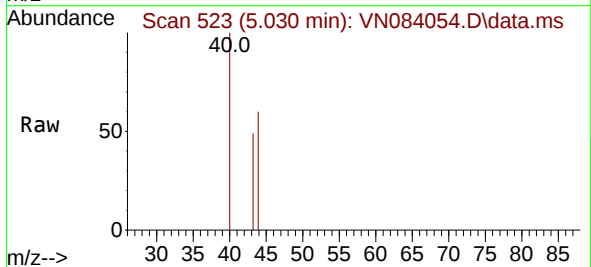
Instrument :
MSVOA_N
ClientSampleId :

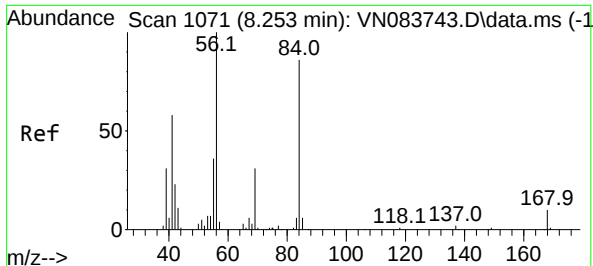
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

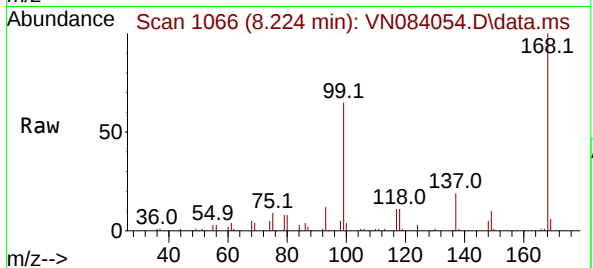
Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



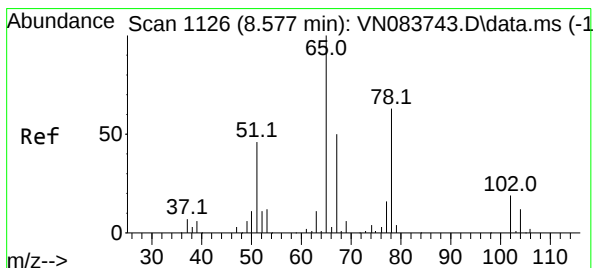
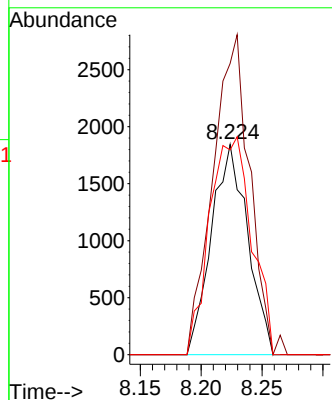
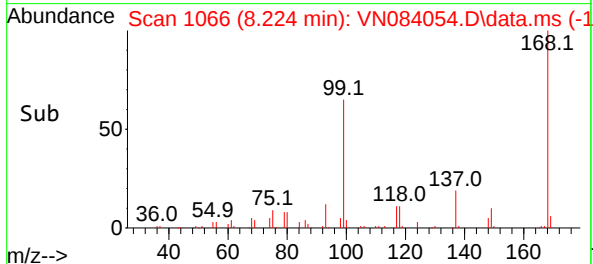


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

Instrument :
MSVOA_N
ClientSampleId :

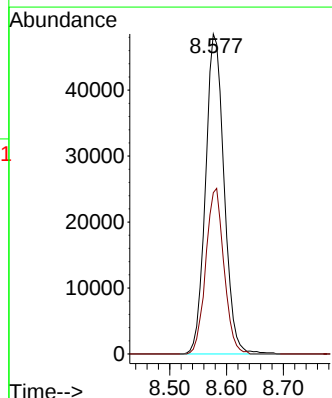
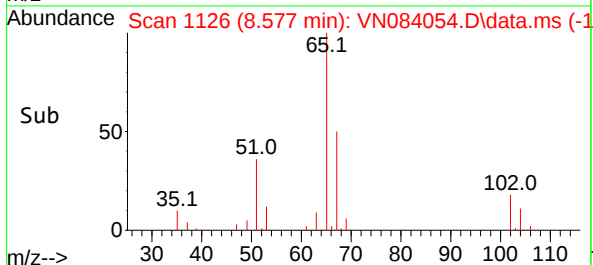
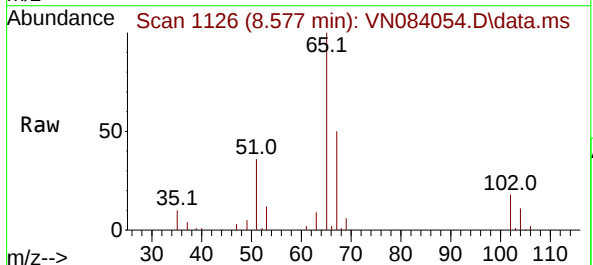


Tgt Ion: 56 Resp: 3808
Ion Ratio Lower Upper
56 100
69 138.5 26.9 40.3#
84 97.3 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 52.900 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

Tgt Ion: 65 Resp: 109760
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084054.D

Acq: 19 Sep 2024 23:18

Instrument :

MSVOA_N

ClientSampleId :

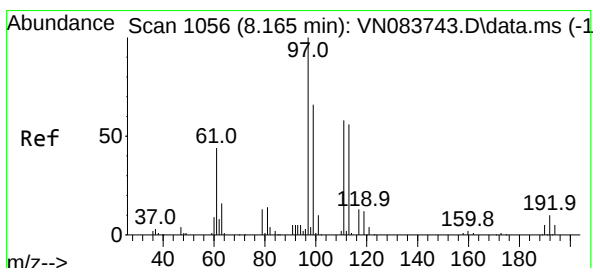
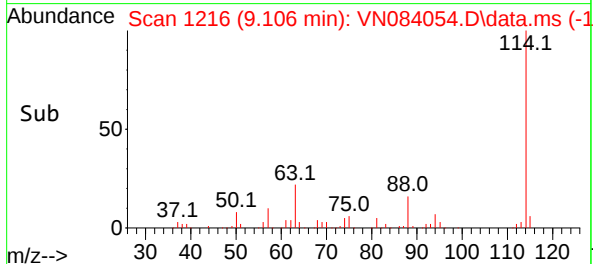
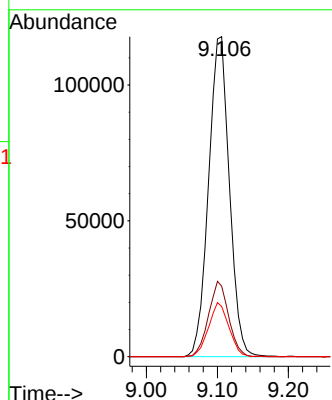
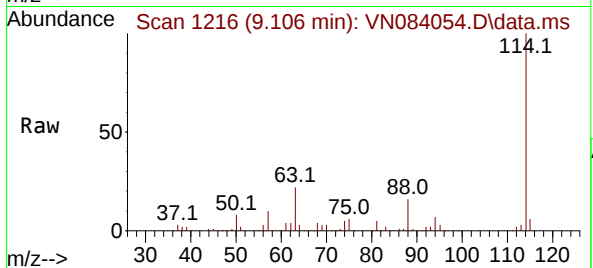
Tgt Ion:114 Resp: 239577

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.636 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084054.D

Acq: 19 Sep 2024 23:18

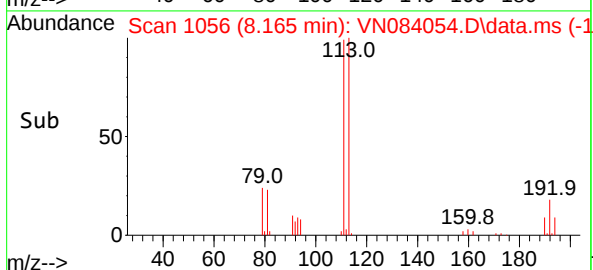
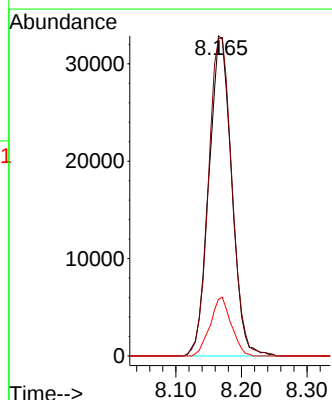
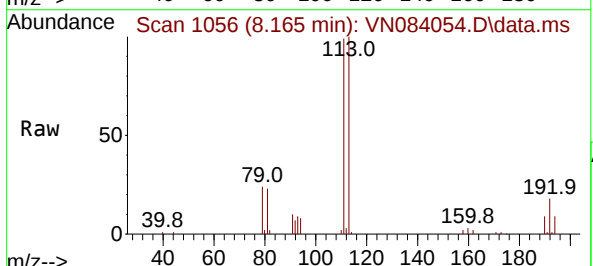
Tgt Ion:113 Resp: 79197

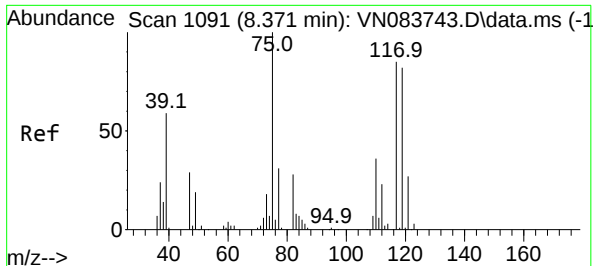
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.489 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

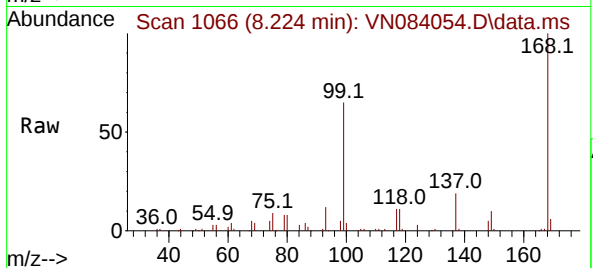
Lab File: VN084054.D

Acq: 19 Sep 2024 23:18

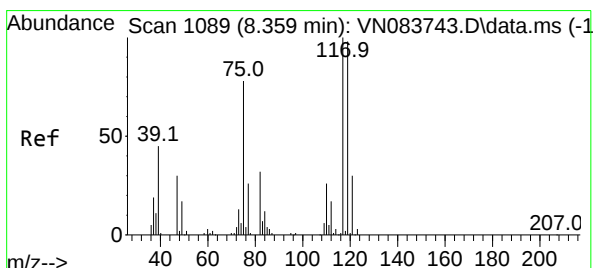
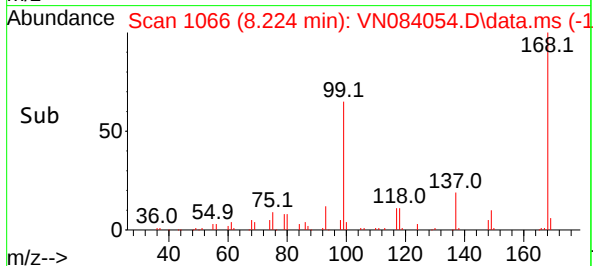
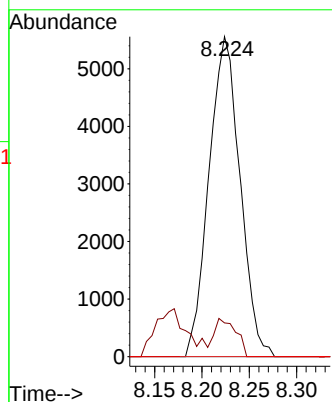
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12672
Ion Ratio	Lower	Upper	
75	100		
110	8.3	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.060 ug/l

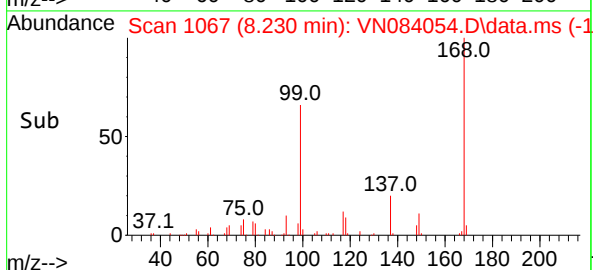
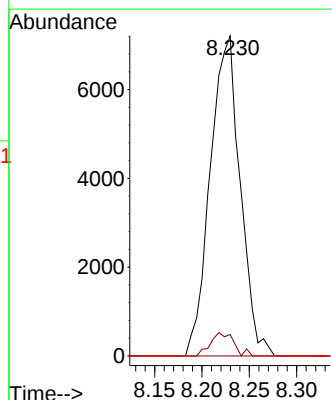
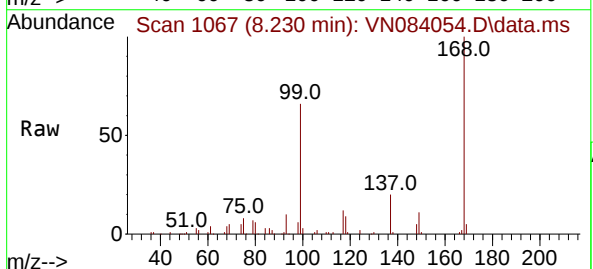
RT: 8.230 min Scan# 1067

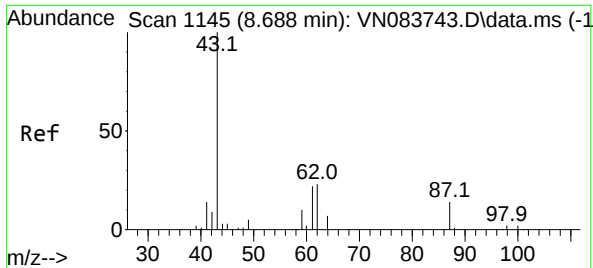
Delta R.T. -0.129 min

Lab File: VN084054.D

Acq: 19 Sep 2024 23:18

Tgt Ion:	117	Resp:	15872
Ion Ratio	Lower	Upper	
117	100		
119	6.7	76.1	114.1#
121	0.0	24.1	36.1#

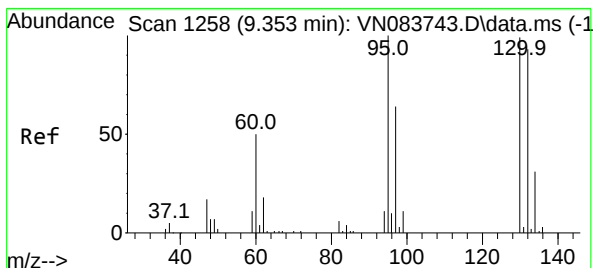
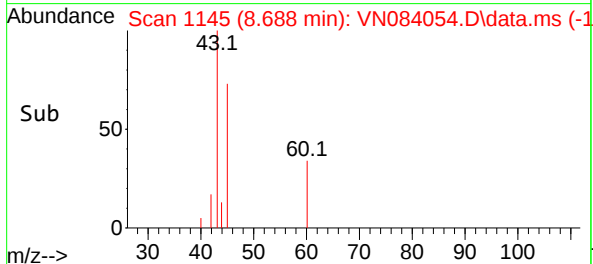
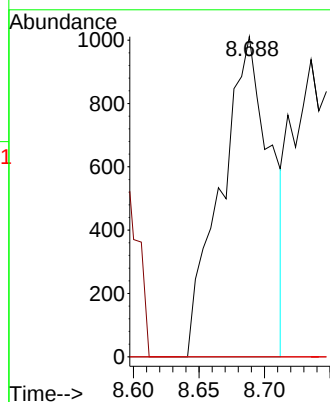
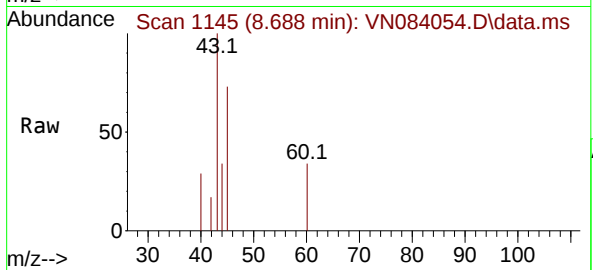




#43
Isopropyl Acetate
Concen: 0.698 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

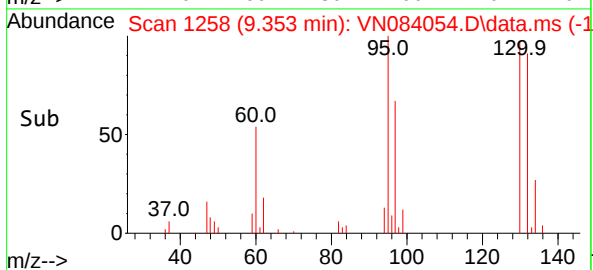
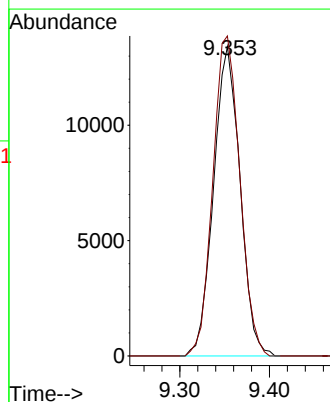
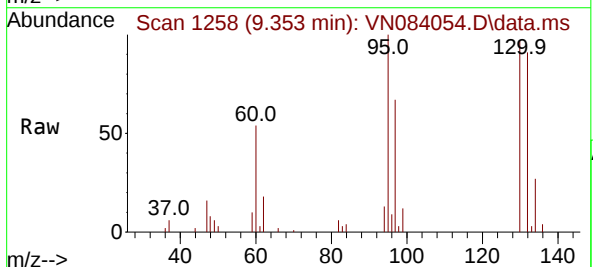
Instrument :
MSVOA_N
ClientSampleId :

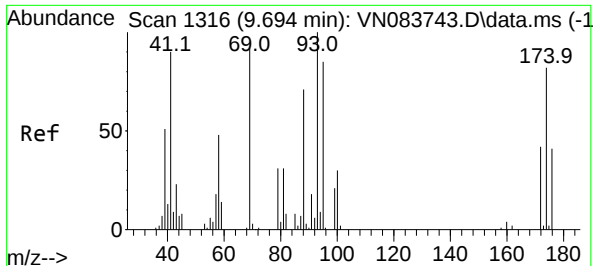
Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 17.086 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

Tgt Ion:130 Resp: 27492
Ion Ratio Lower Upper
130 100
95 103.4 0.0 200.4





#49

1,4-Dioxane

Concen: 4.825 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084054.D

Acq: 19 Sep 2024 23:18

Instrument :

MSVOA_N

ClientSampleId :

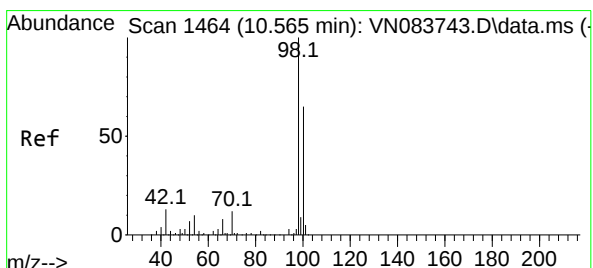
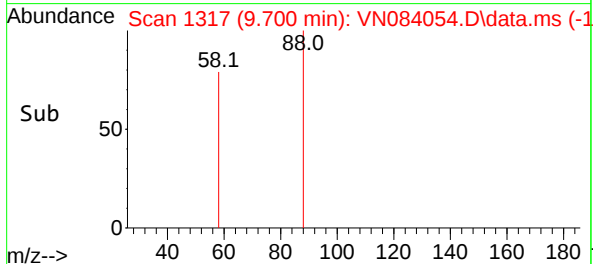
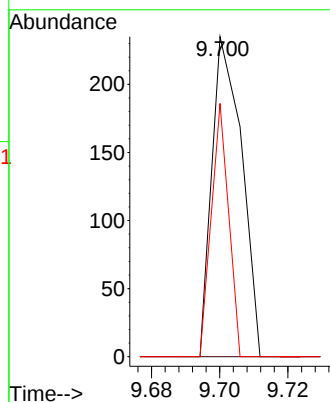
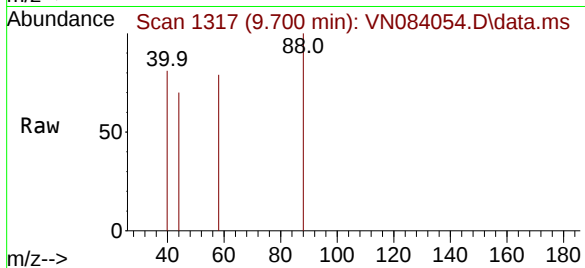
Tgt Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 46.2 57.1 85.7#



#50

Toluene-d8

Concen: 53.661 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084054.D

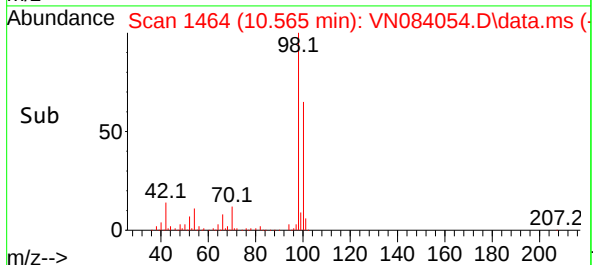
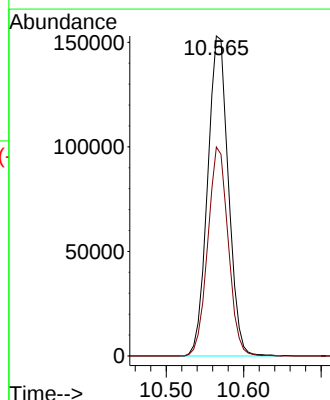
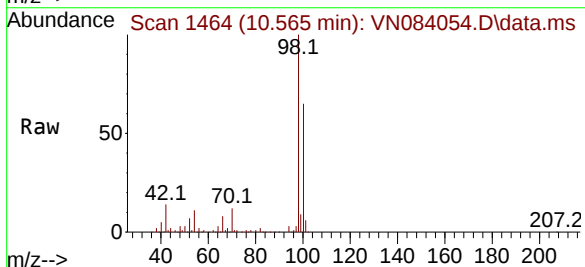
Acq: 19 Sep 2024 23:18

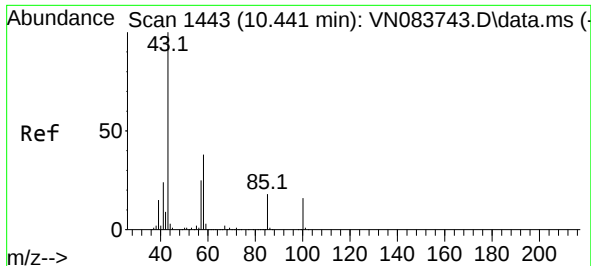
Tgt Ion: 98 Resp: 284521

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.673 ug/l

RT: 10.565 min Scan# 1443

Delta R.T. 0.123 min

Lab File: VN084054.D

Acq: 19 Sep 2024 23:18

Instrument :

MSVOA_N

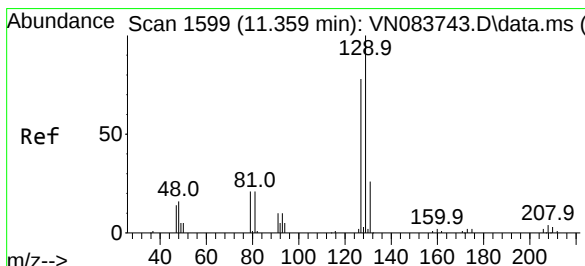
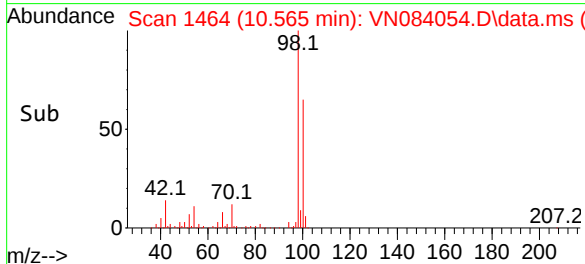
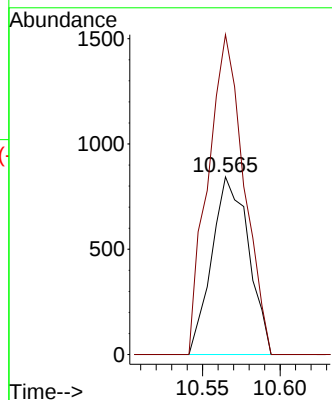
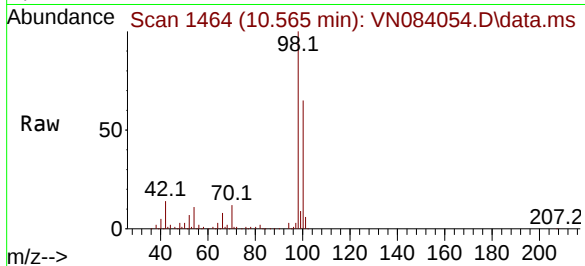
ClientSampleId :

Tgt Ion: 43 Resp: 1392

Ion Ratio Lower Upper

43 100

58 176.6 31.6 47.4#



#60

Dibromochloromethane

Concen: 0.823 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.247 min

Lab File: VN084054.D

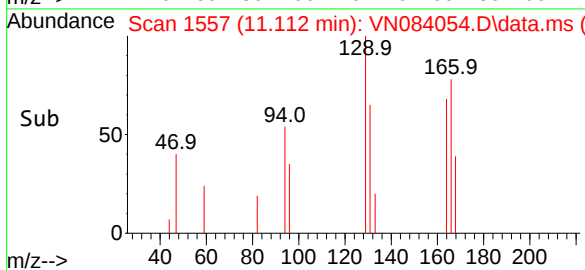
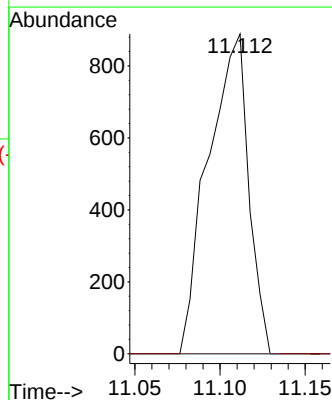
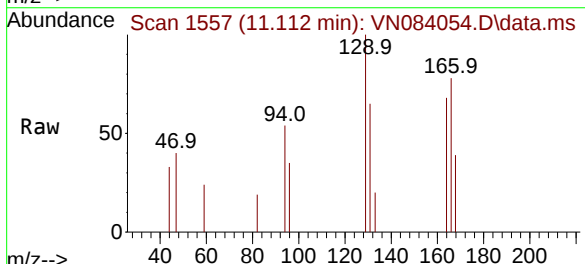
Acq: 19 Sep 2024 23:18

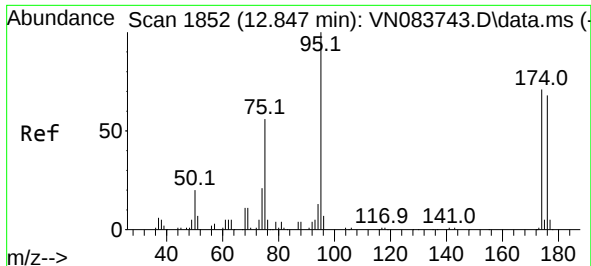
Tgt Ion: 129 Resp: 1462

Ion Ratio Lower Upper

129 100

127 0.0 39.0 116.9#

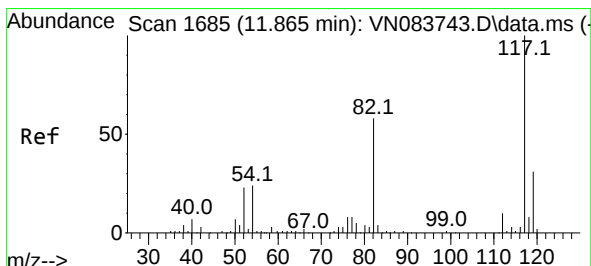
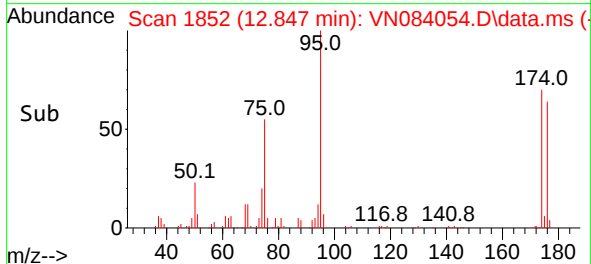
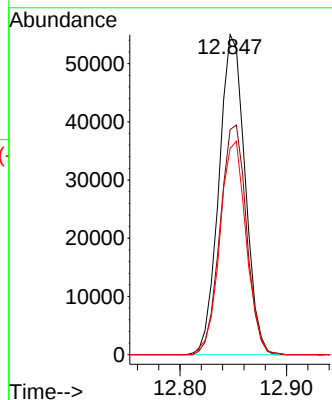
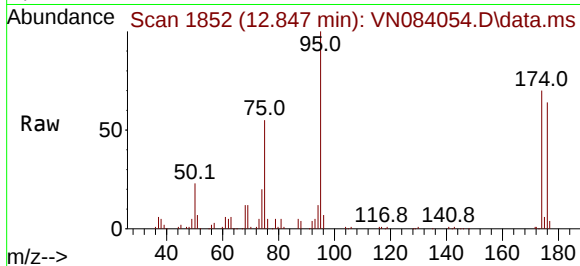




#62
4-Bromofluorobenzene
Concen: 42.680 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

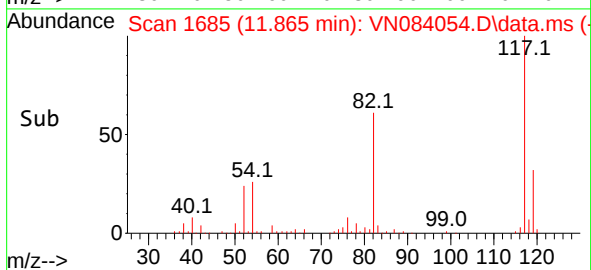
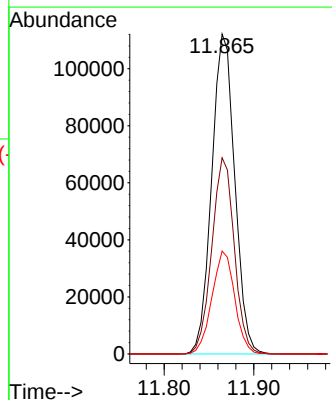
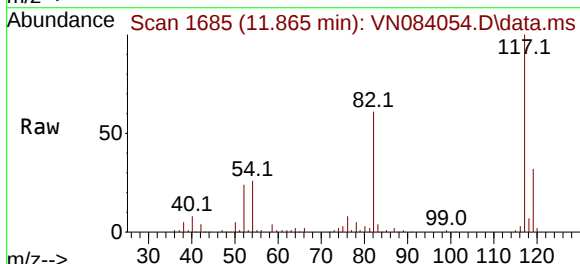
Instrument :
MSVOA_N
ClientSampleId :

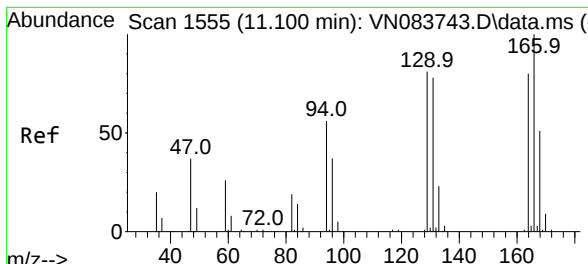
Tgt Ion: 95 Resp: 93365
Ion Ratio Lower Upper
95 100
174 72.7 0.0 139.8
176 67.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

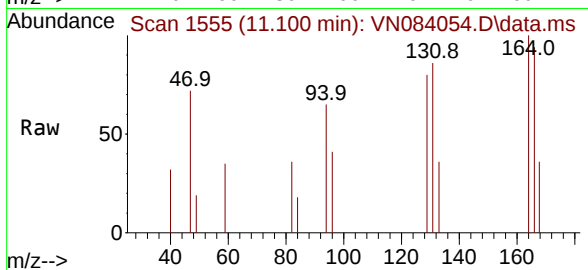
Tgt Ion: 117 Resp: 200028
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.0
119 32.1 26.3 39.5



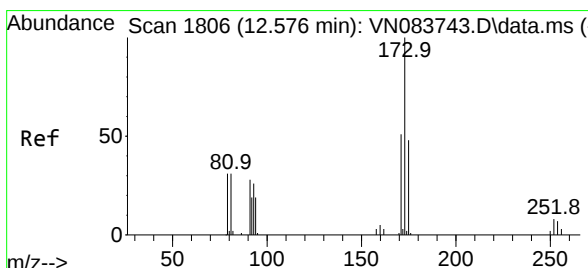
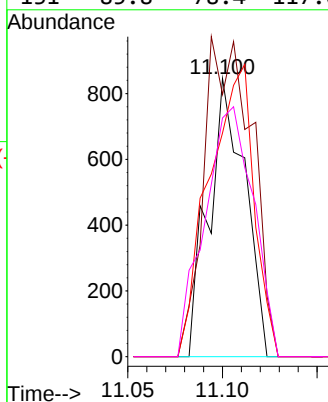
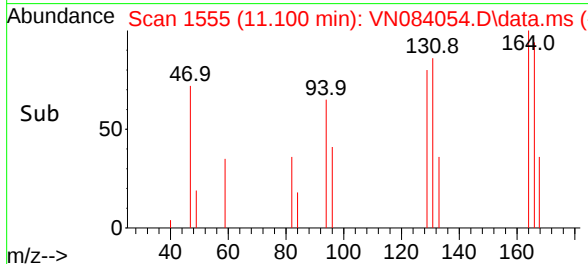


#64
Tetrachloroethene
Concen: 0.849 ug/l
RT: 11.100 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

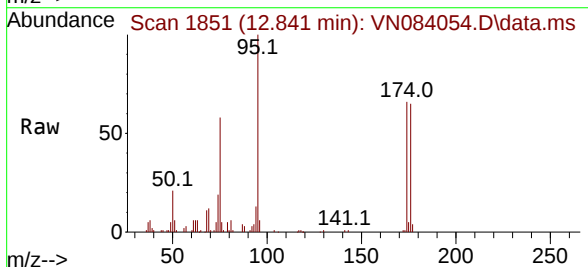
Instrument :
MSVOA_N
ClientSampleId :



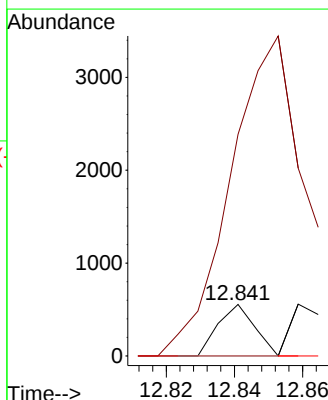
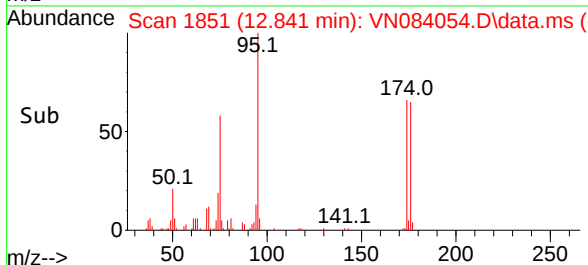
Tgt Ion:164 Resp: 1130
Ion Ratio Lower Upper
164 100
166 94.2 103.7 155.5#
129 80.4 79.9 119.9
131 85.8 78.4 117.6

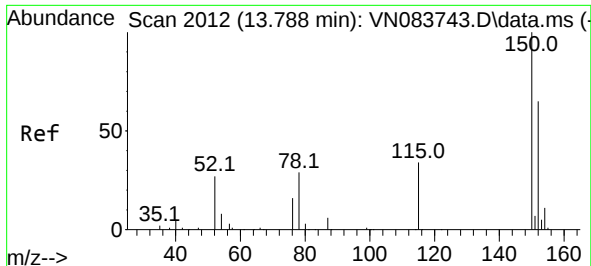


#71
Bromoform
Concen: 0.399 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18



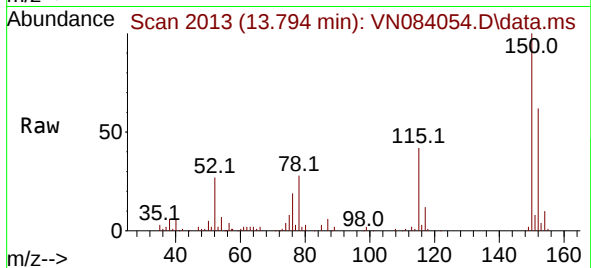
Tgt Ion:173 Resp: 414
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



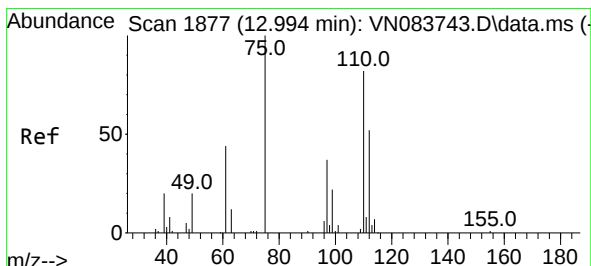
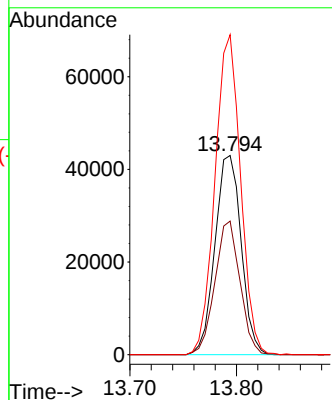
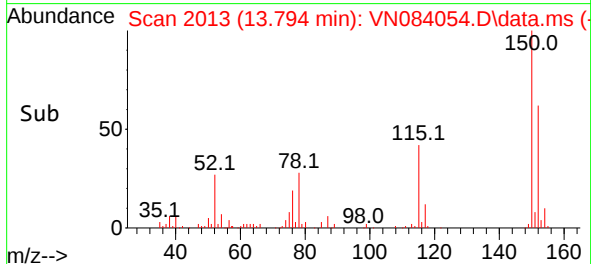


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

Instrument :
MSVOA_N
ClientSampleId :

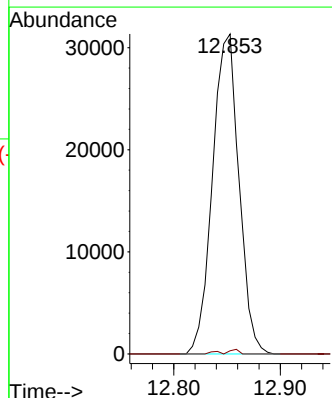
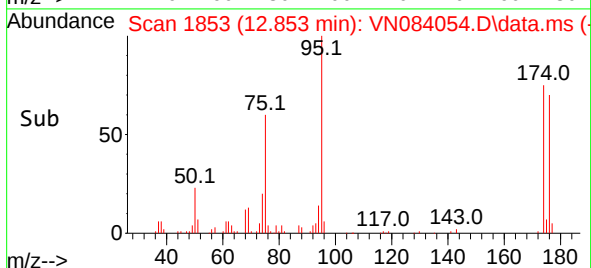
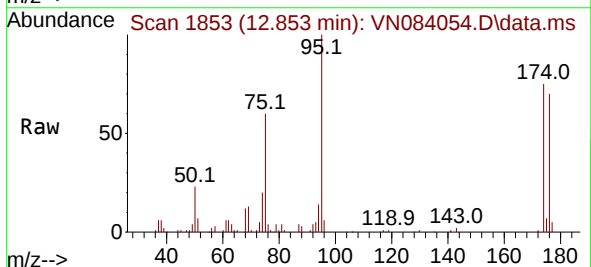


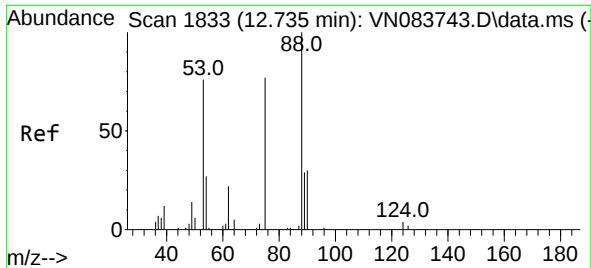
Tgt Ion:152 Resp: 73380
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 157.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 36.447 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

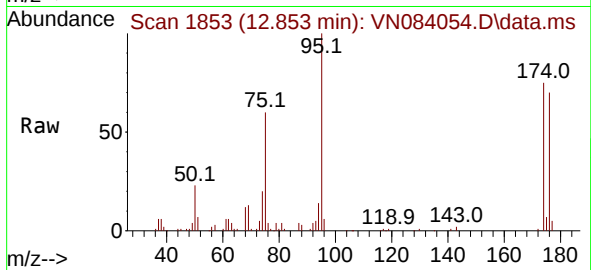
Tgt Ion: 75 Resp: 53966
Ion Ratio Lower Upper
75 100
77 0.5 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.458 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN084054.D
Acq: 19 Sep 2024 23:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 53966
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

