

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084108.D
 Acq On : 23 Sep 2024 14:17
 Operator : JC\MD
 Sample : P4003-13DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 01:32:30 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)

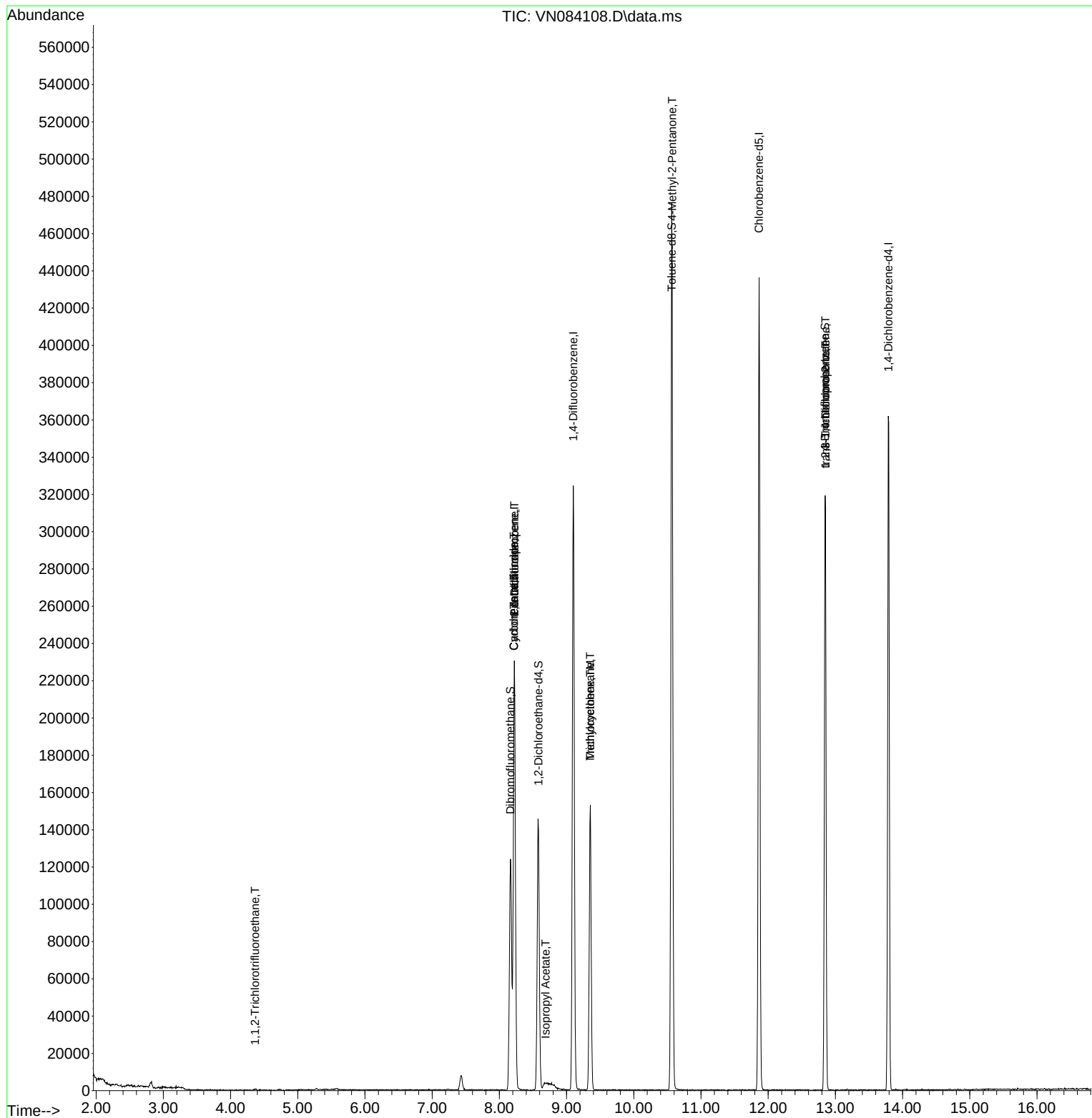
Internal Standards						
1) Pentafluorobenzene	8.224	168	152467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119164	51.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	8.165	113	87793	51.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	10.565	98	321201	54.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.200%			
62) 4-Bromofluorobenzene	12.847	95	113037	46.145	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.280%			
Target Compounds						
3) Chloromethane	2.371	50	249	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.365	101	431	0.247	ug/l #	63
18) Methyl Acetate	5.036	43	57	Below Cal	#	52
31) Cyclohexane	8.218	56	4373	1.316	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	14376	5.561	ug/l #	45
38) Carbon Tetrachloride	8.218	117	18019	6.144	ug/l #	17
39) Methylcyclohexane	9.353	83	675	0.229	ug/l #	1
43) Isopropyl Acetate	8.688	43	4439	1.044	ug/l #	57
44) Trichloroethene	9.353	130	51945	28.830	ug/l	95
51) 4-Methyl-2-Pentanone	10.571	43	1574	0.680	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	62790	33.765	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	62790	88.433	ug/l #	9

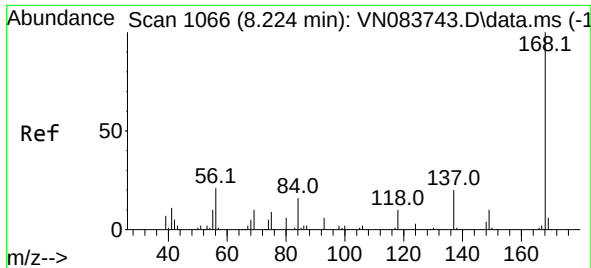
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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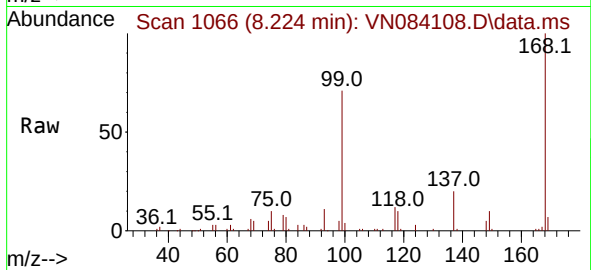
Quant Time: Sep 24 01:32:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



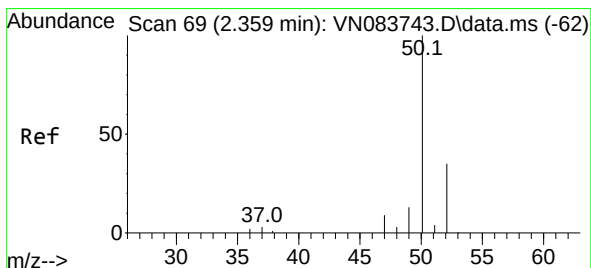
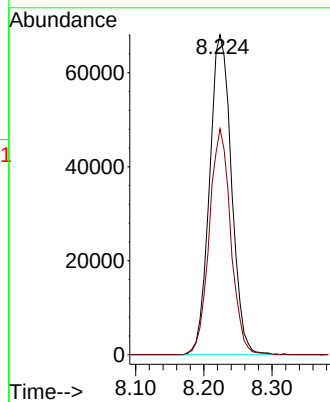
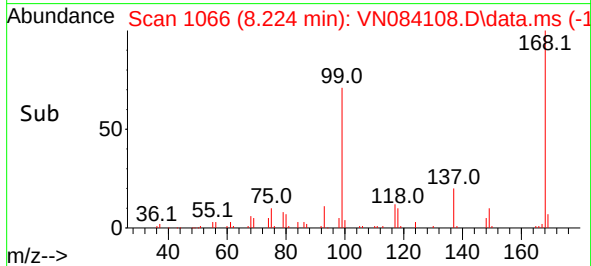


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

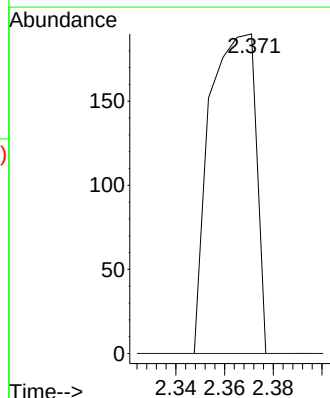
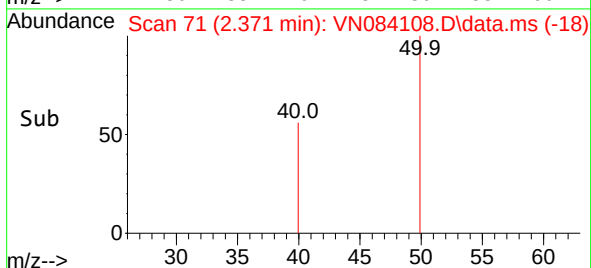
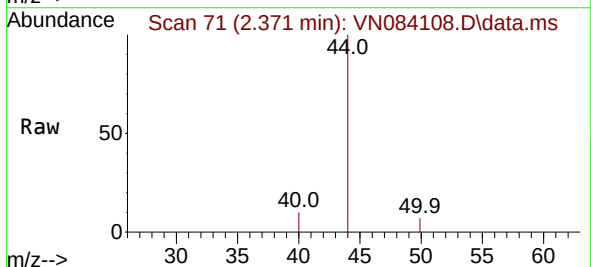


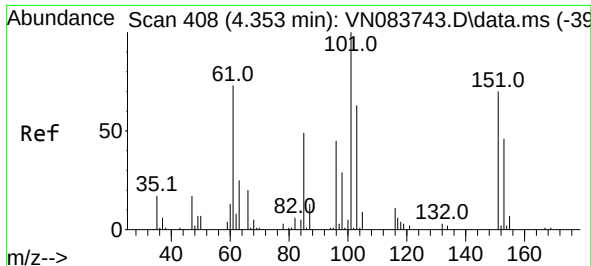
Tgt Ion:168 Resp: 152467
Ion Ratio Lower Upper
168 100
99 70.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

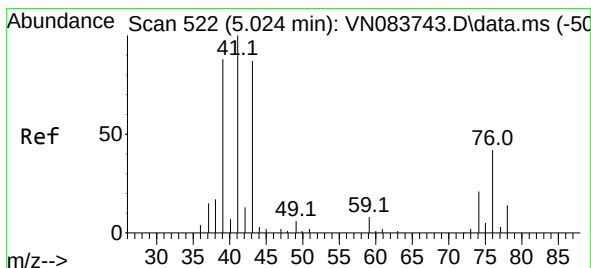
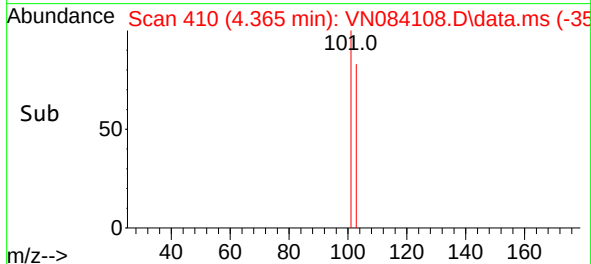
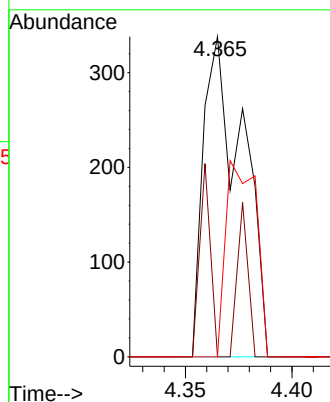
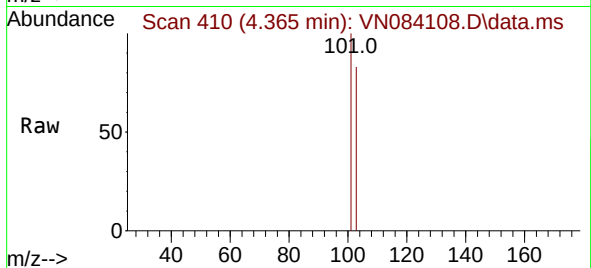




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.247 ug/l
 RT: 4.365 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VN084108.D
 Acq: 23 Sep 2024 14:17

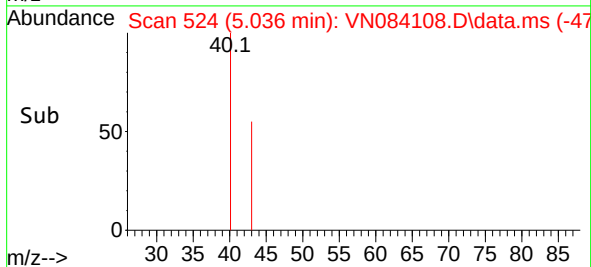
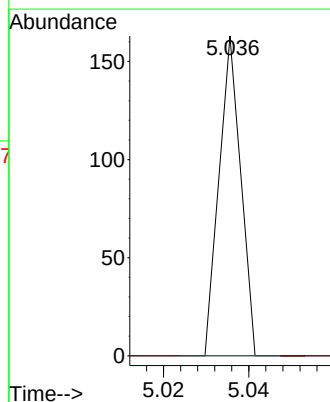
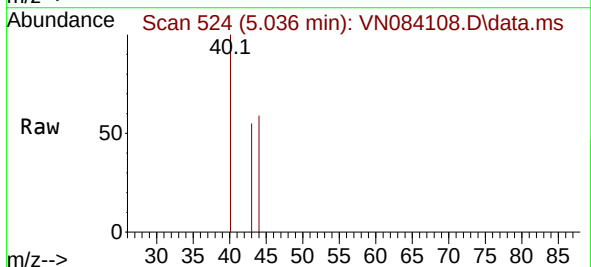
Instrument :
 MSVOA_N
 ClientSampleId :

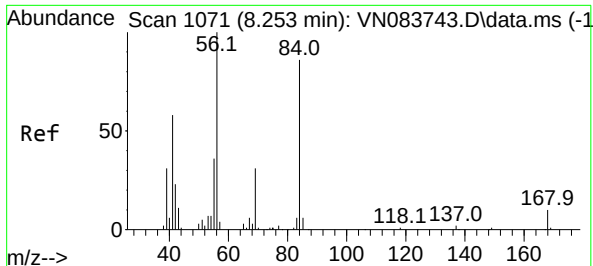
Tgt Ion:101 Resp: 431
 Ion Ratio Lower Upper
 101 100
 85 13.2 36.2 54.4#
 151 47.6 57.7 86.5#



#18
 Methyl Acetate
 Concen: Below Cal
 RT: 5.036 min Scan# 524
 Delta R.T. 0.012 min
 Lab File: VN084108.D
 Acq: 23 Sep 2024 14:17

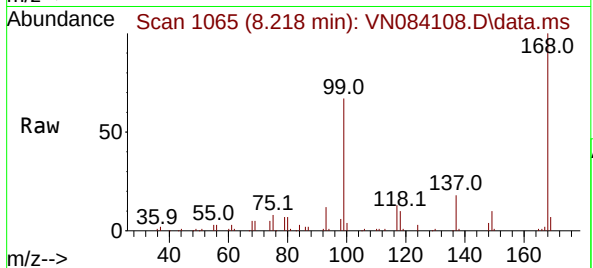
Tgt Ion: 43 Resp: 57
 Ion Ratio Lower Upper
 43 100
 74 0.0 19.0 28.4#



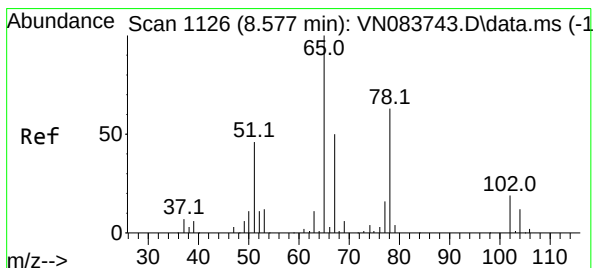
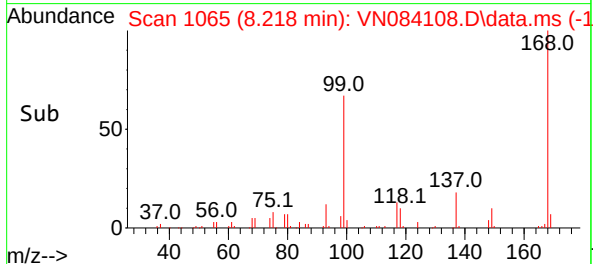
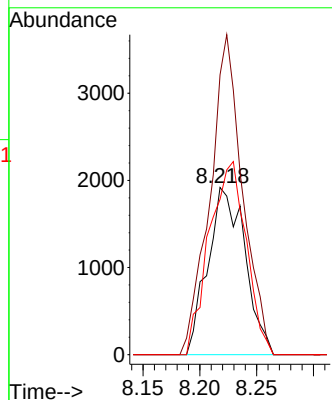


#31
Cyclohexane
Concen: 1.316 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

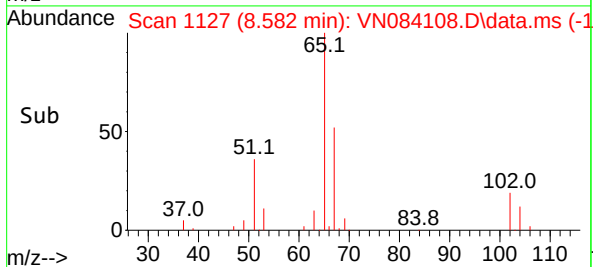
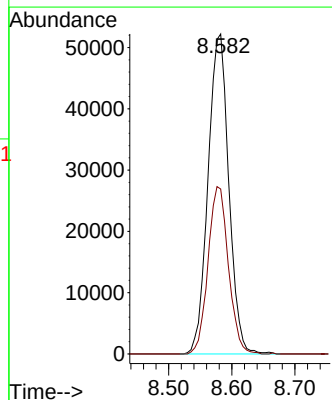
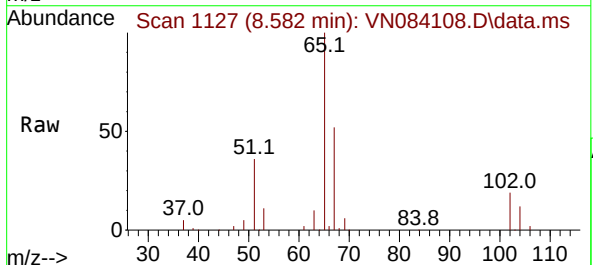


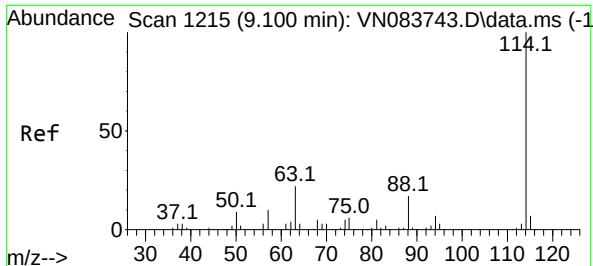
Tgt Ion: 56 Resp: 4373
Ion Ratio Lower Upper
56 100
69 167.4 26.9 40.3#
84 92.9 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 51.833 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Tgt Ion: 65 Resp: 119164
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084108.D

Acq: 23 Sep 2024 14:17

Instrument :

MSVOA_N

ClientSampleId :

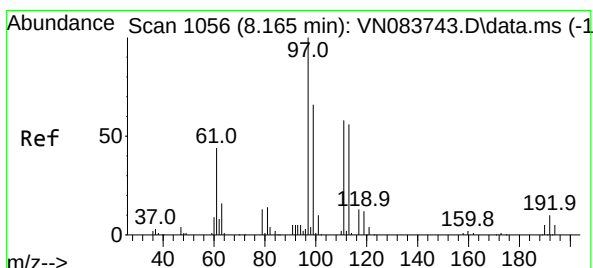
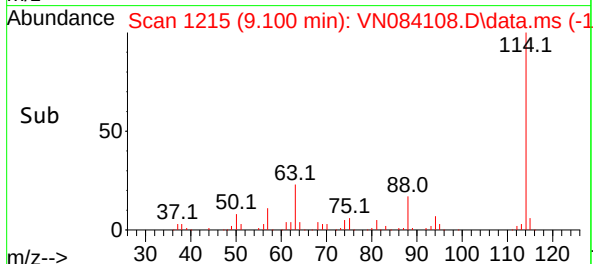
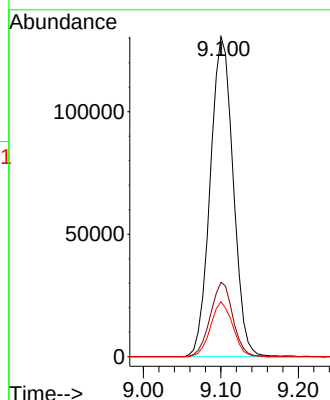
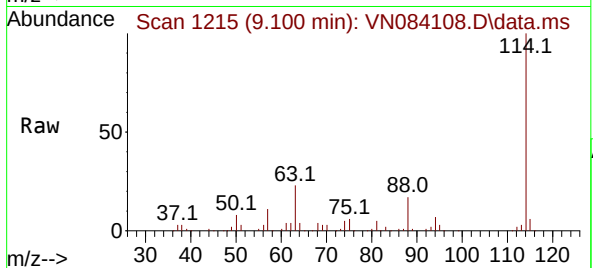
Tgt Ion:114 Resp: 268275

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.118 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084108.D

Acq: 23 Sep 2024 14:17

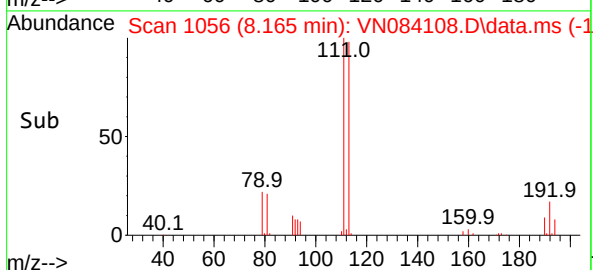
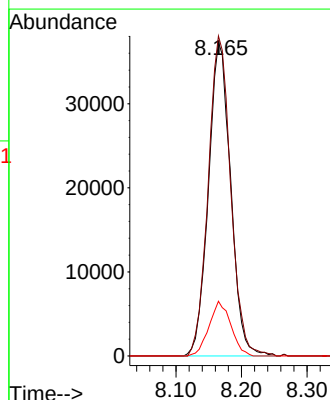
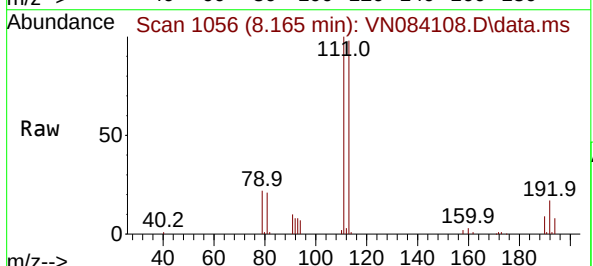
Tgt Ion:113 Resp: 87793

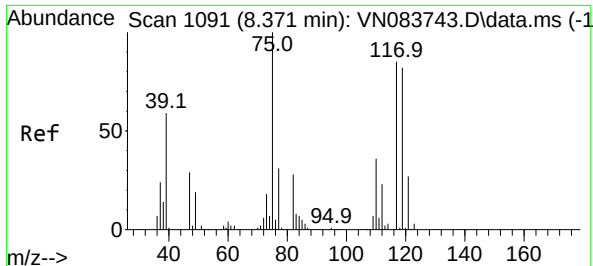
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.561 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

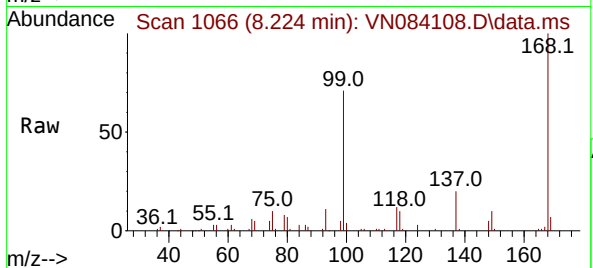
Lab File: VN084108.D

Acq: 23 Sep 2024 14:17

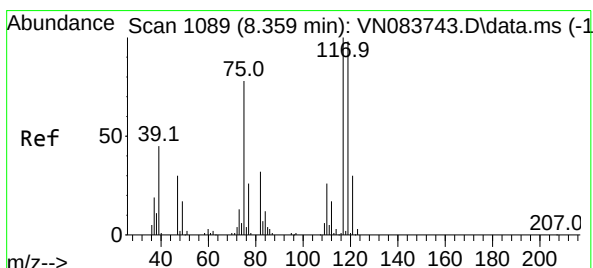
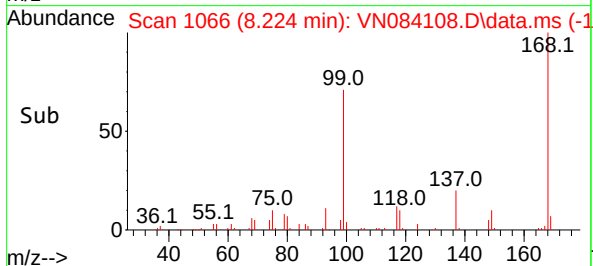
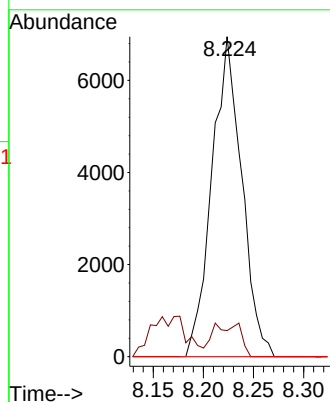
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14376
Ion Ratio	100	Lower	Upper
75	100		
110	3.7	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.144 ug/l

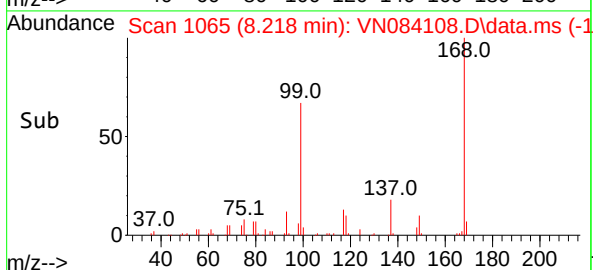
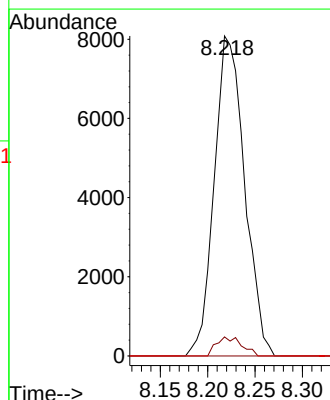
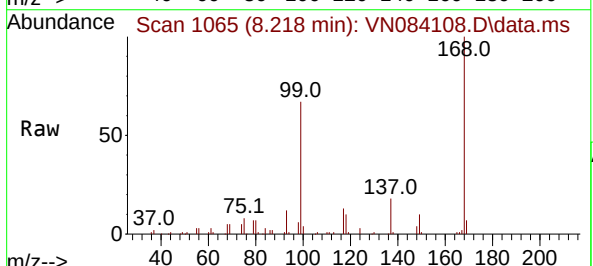
RT: 8.218 min Scan# 1065

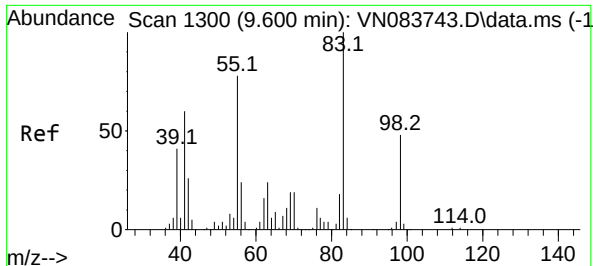
Delta R.T. -0.141 min

Lab File: VN084108.D

Acq: 23 Sep 2024 14:17

Tgt Ion:	117	Resp:	18019
Ion Ratio	100	Lower	Upper
117	100		
119	6.0	76.1	114.1#
121	0.0	24.1	36.1#





#39

Methylcyclohexane

Concen: 0.229 ug/l

RT: 9.353 min Scan# 1125

Delta R.T. -0.247 min

Lab File: VN084108.D

Acq: 23 Sep 2024 14:17

Instrument :

MSVOA_N

ClientSampleId :

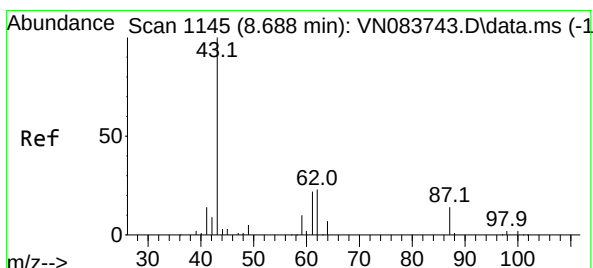
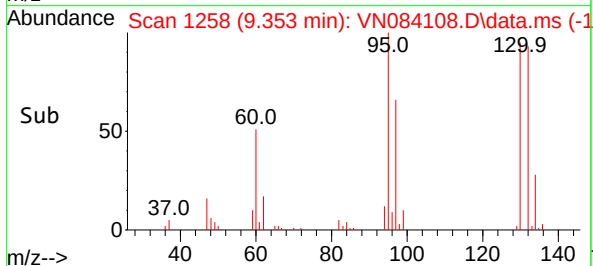
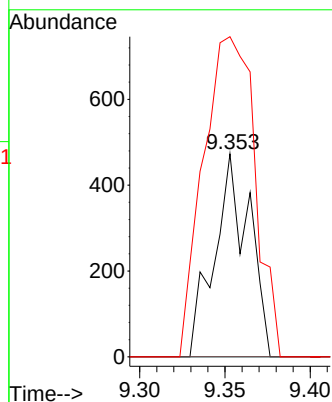
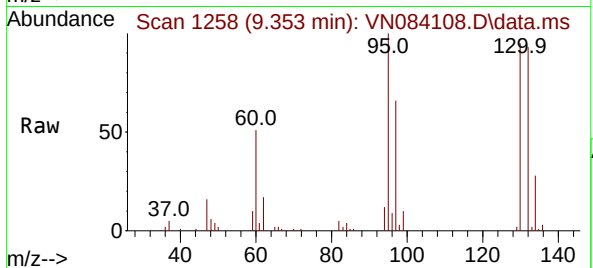
Tgt Ion: 83 Resp: 675

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.4#

98 157.7 37.6 56.4#



#43

Isopropyl Acetate

Concen: 1.044 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084108.D

Acq: 23 Sep 2024 14:17

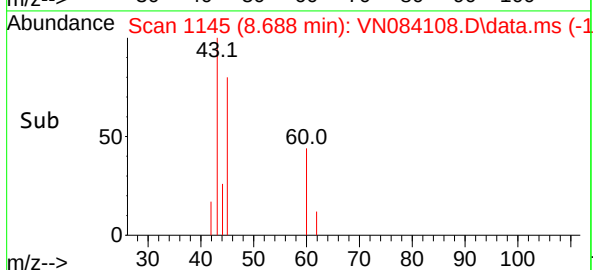
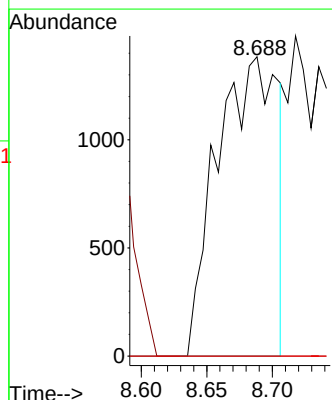
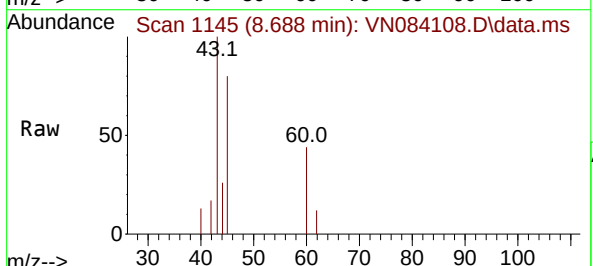
Tgt Ion: 43 Resp: 4439

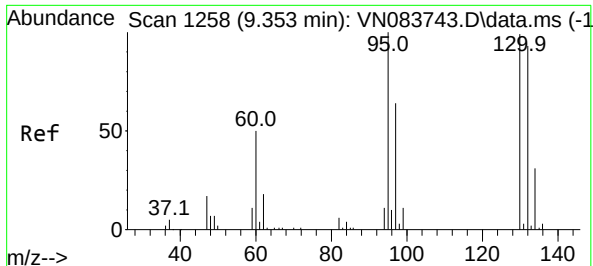
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

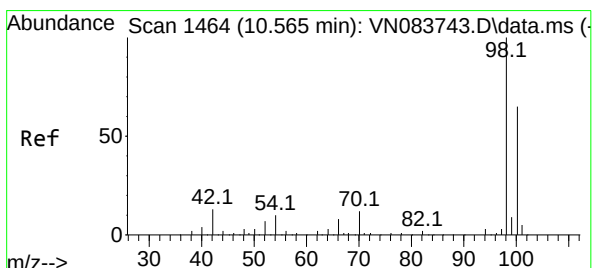
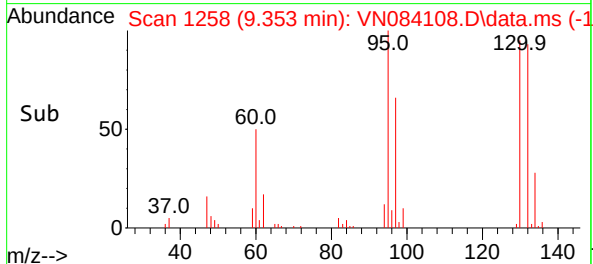
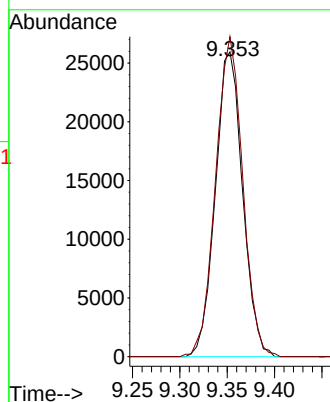
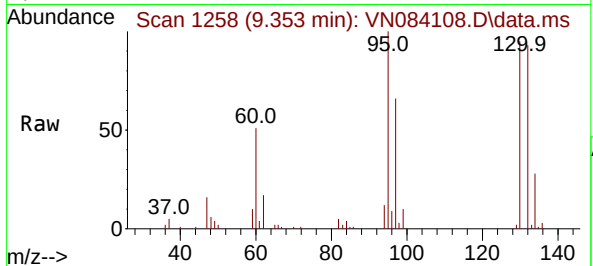




#44
Trichloroethene
Concen: 28.830 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

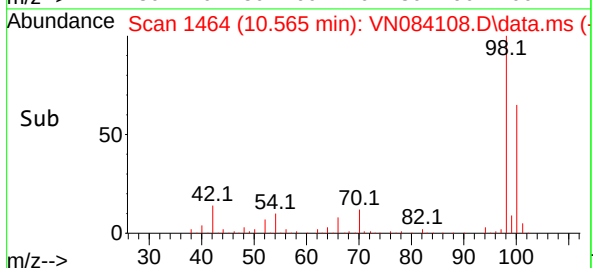
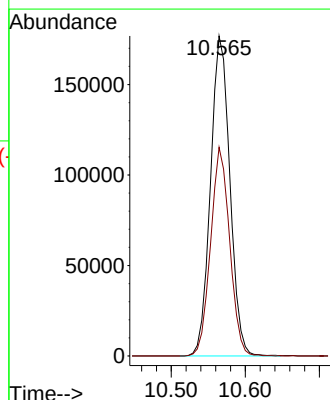
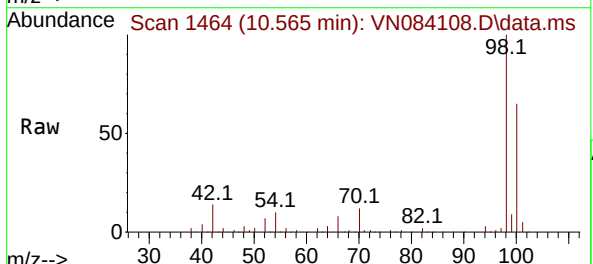
Instrument :
MSVOA_N
ClientSampleId :

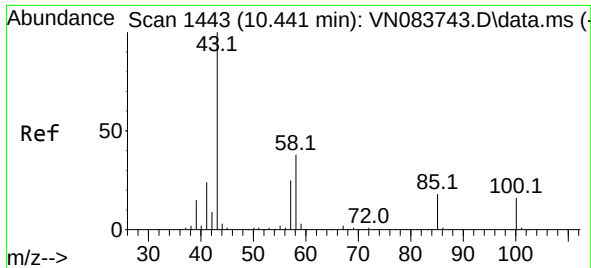
Tgt Ion:130 Resp: 51945
Ion Ratio Lower Upper
130 100
95 105.0 0.0 200.4



#50
Toluene-d8
Concen: 54.098 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Tgt Ion: 98 Resp: 321201
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

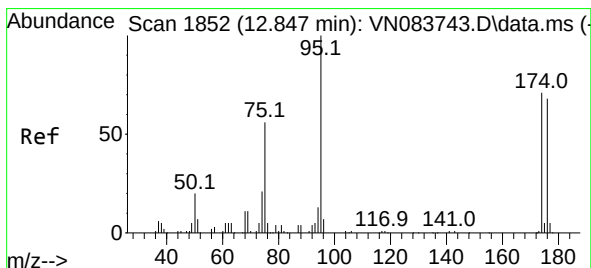
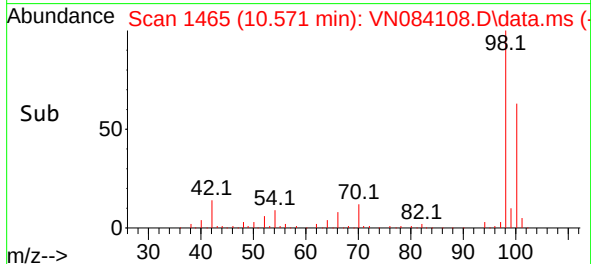
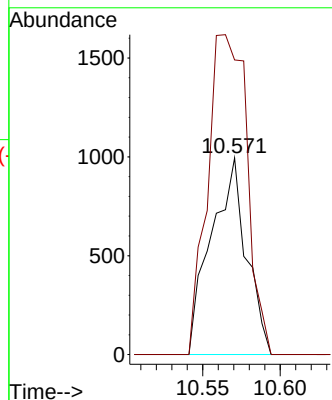
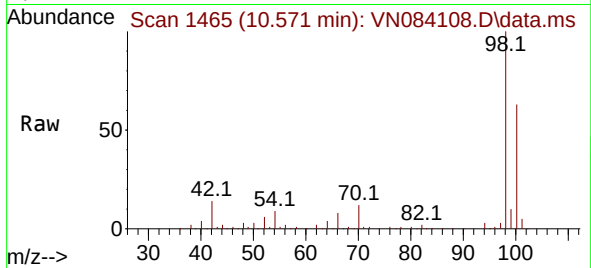




#51
4-Methyl-2-Pentanone
Concen: 0.680 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

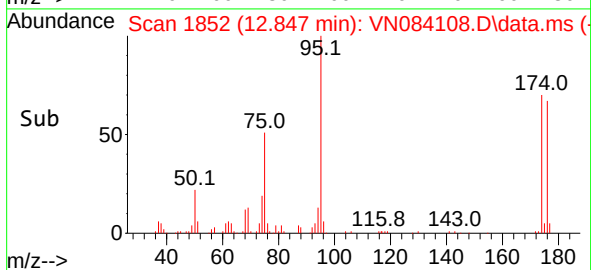
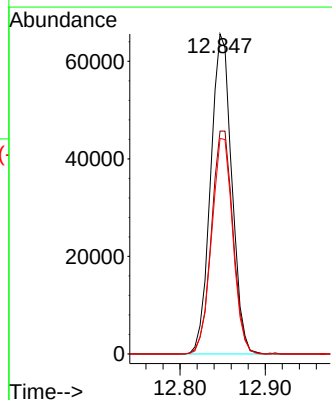
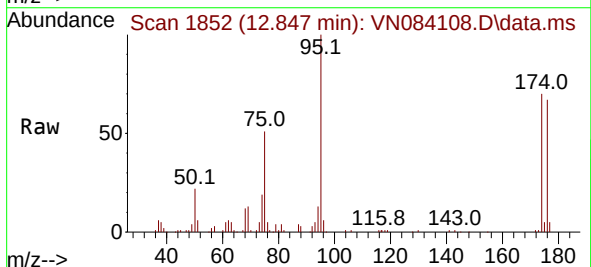
Instrument :
MSVOA_N
ClientSampleId :

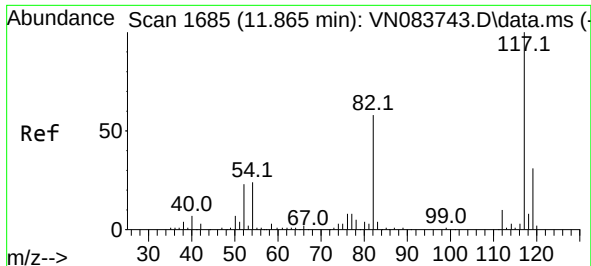
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 182.1 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.145 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Tgt Ion: 95 Resp: 113037
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 67.5 0.0 131.4

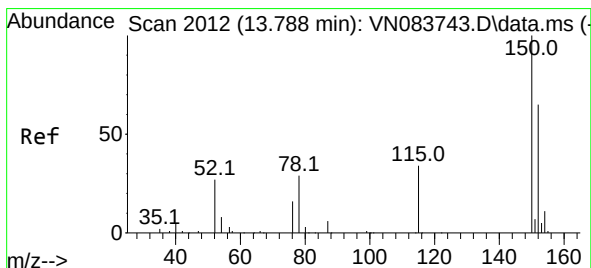
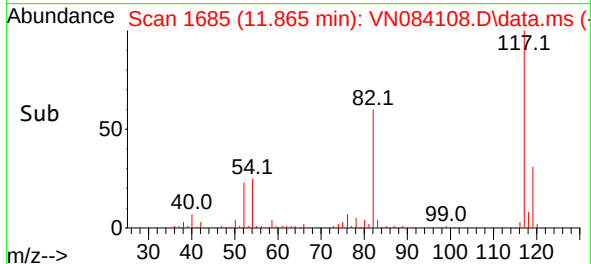
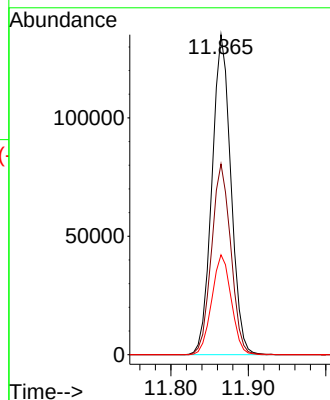
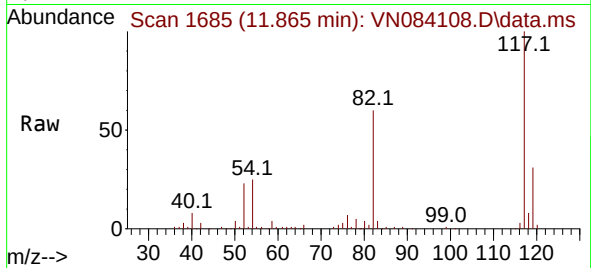




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

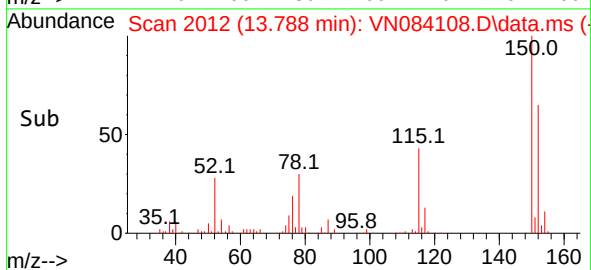
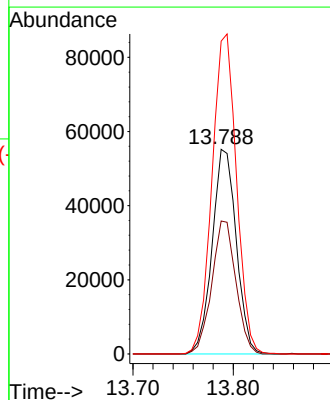
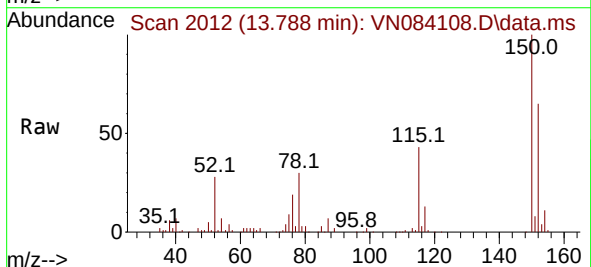
Instrument :
MSVOA_N
ClientSampleId :

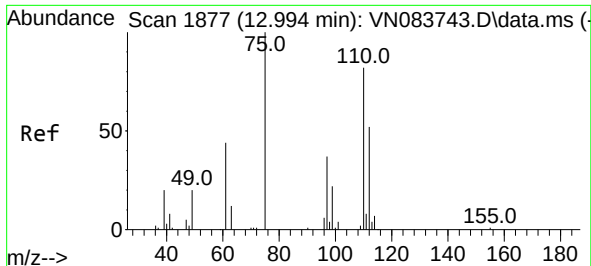
Tgt Ion:117 Resp: 229615
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Tgt Ion:152 Resp: 92161
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 158.7 0.0 348.6

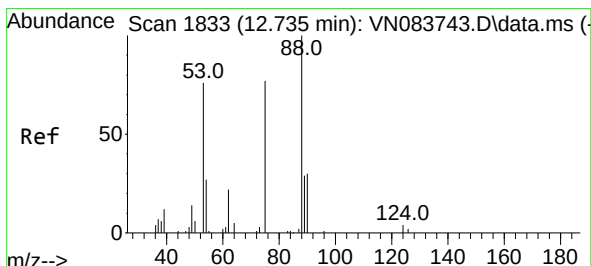
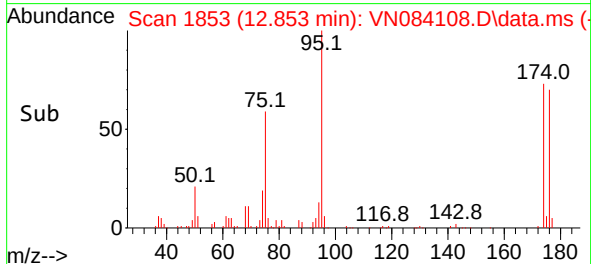
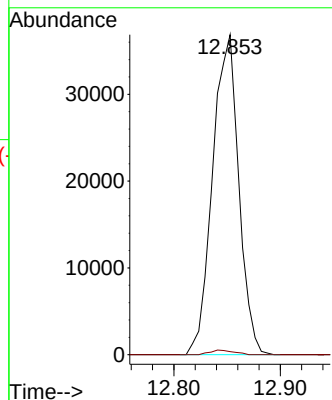
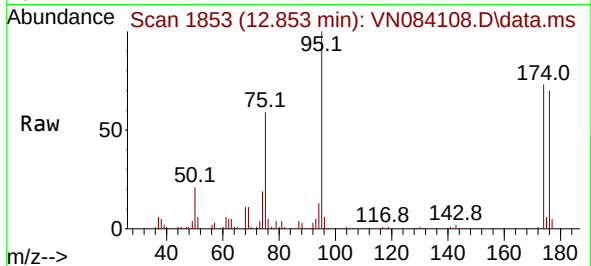




#76
1,2,3-Trichloropropane
Concen: 33.765 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 62790
Ion Ratio Lower Upper
75 100
77 1.3 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.433 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN084108.D
Acq: 23 Sep 2024 14:17

Tgt Ion: 75 Resp: 62790
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

