

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084159.D
 Acq On : 25 Sep 2024 14:59
 Operator : JC\MD
 Sample : P4116-15DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 01:34:32 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)

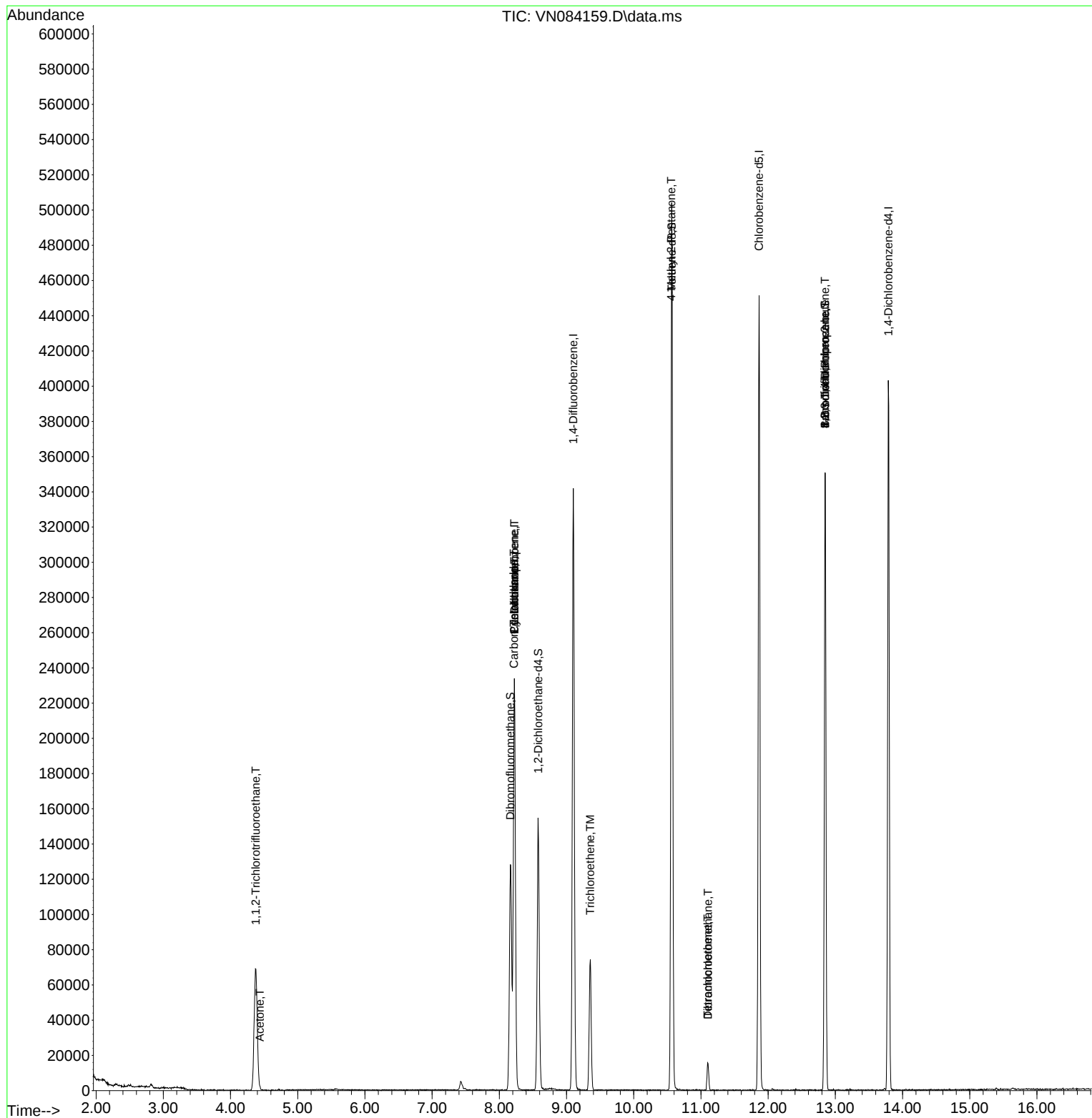
Internal Standards						
1) Pentafluorobenzene	8.224	168	156320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122638	52.030	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	8.165	113	92874	50.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	10.565	98	341223	54.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.340%			
62) 4-Bromofluorobenzene	12.847	95	121075	46.591	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.180%			
Target Compounds						
3) Chloromethane	2.360	50	297	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.377	101	49530	27.666	ug/l	99
16) Acetone	4.436	43	309	0.327	ug/l #	45
31) Cyclohexane	8.224	56	4220	1.239	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	14857	5.418	ug/l #	45
38) Carbon Tetrachloride	8.218	117	18534	5.957	ug/l #	16
44) Trichloroethene	9.353	130	27126	14.192	ug/l	96
51) 4-Methyl-2-Pentanone	10.559	43	1681	0.685	ug/l #	1
60) Dibromochloromethane	11.106	129	3378	1.601	ug/l #	10
64) Tetrachloroethene	11.100	164	3631	2.223	ug/l	87
71) Bromoform	12.847	173	821	0.644	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65245	31.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65245	82.302	ug/l #	9

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

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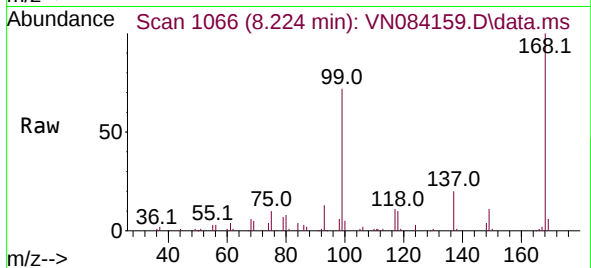
Quant Time: Sep 26 01:34:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



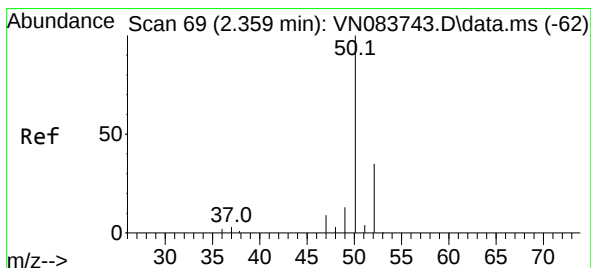
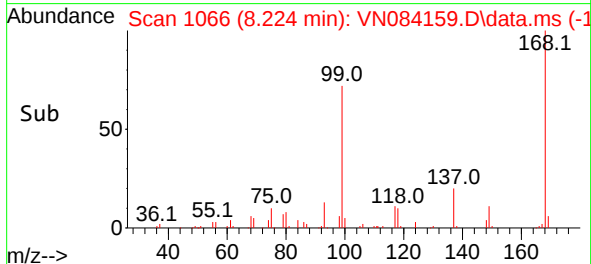
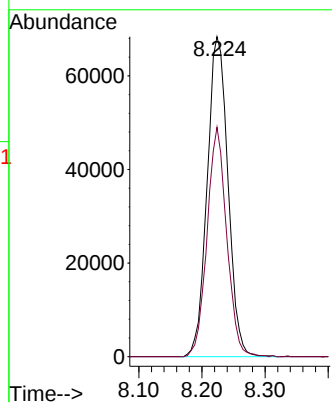


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

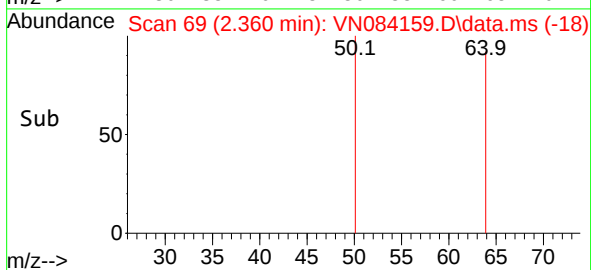
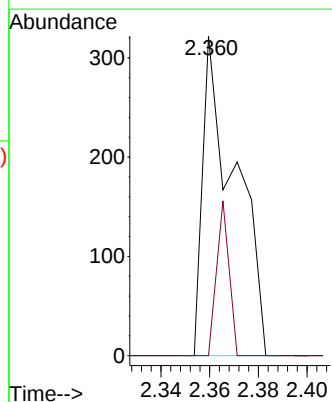
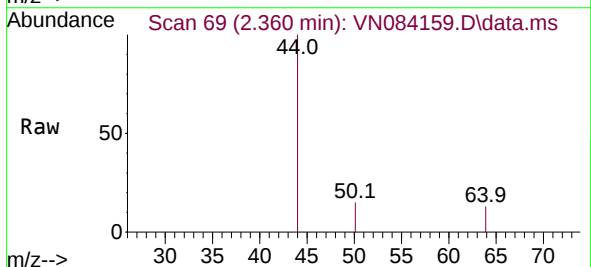


Tgt Ion:168 Resp: 156320
Ion Ratio Lower Upper
168 100
99 71.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

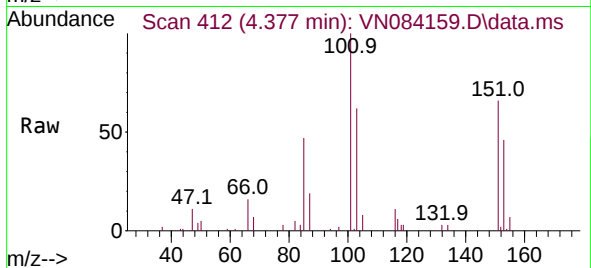
Tgt Ion: 50 Resp: 297
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



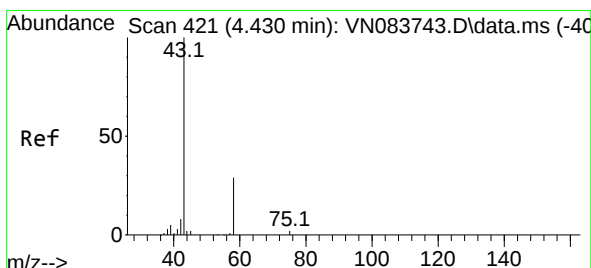
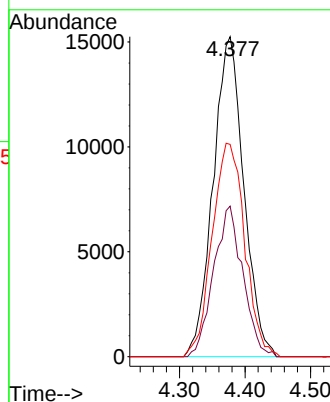
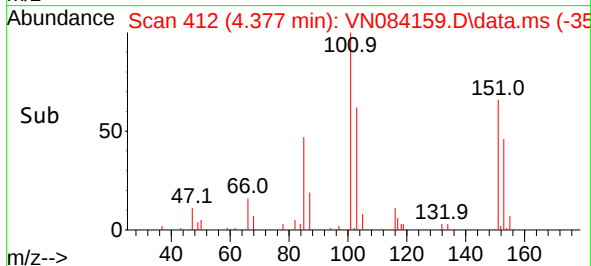


#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.666 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.024 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

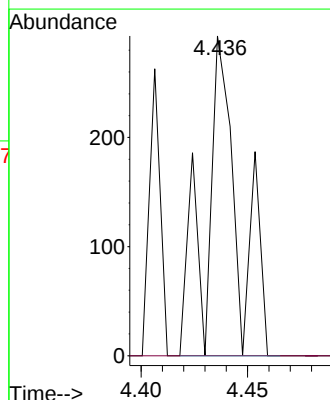
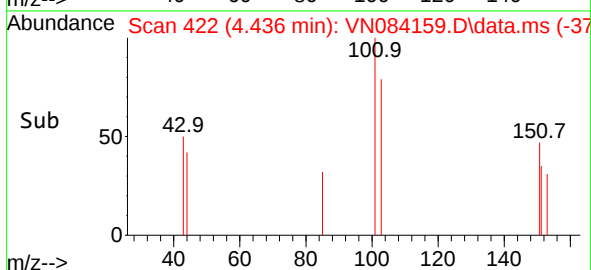
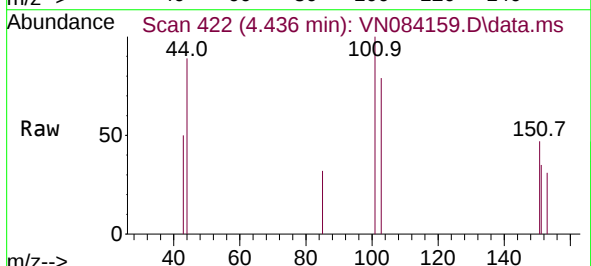


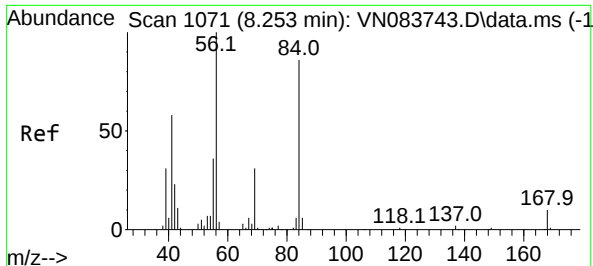
Tgt Ion:101 Resp: 49530
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.4
151 70.7 57.7 86.5



#16
Acetone
Concen: 0.327 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#





#31

Cyclohexane

Concen: 1.239 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

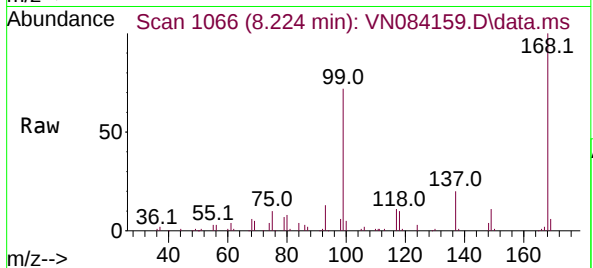
Lab File: VN084159.D

Acq: 25 Sep 2024 14:59

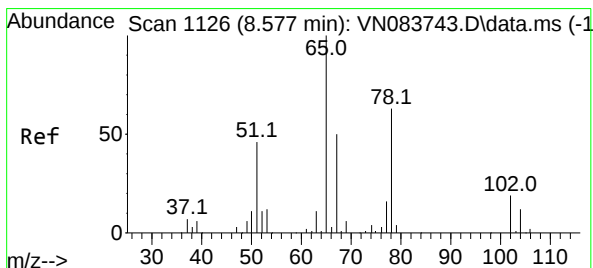
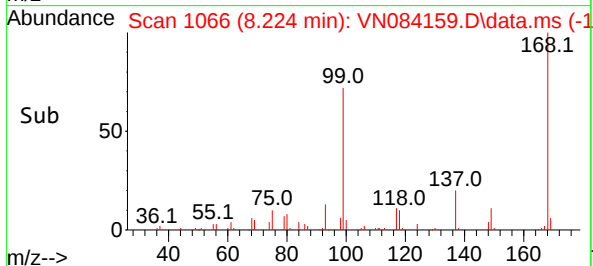
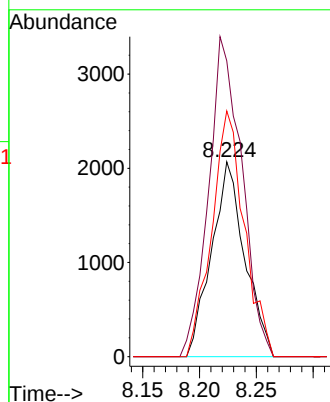
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 4220
Ion Ratio	Lower Upper
56	100
69	151.9 26.9 40.3#
84	126.2 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 52.030 ug/l

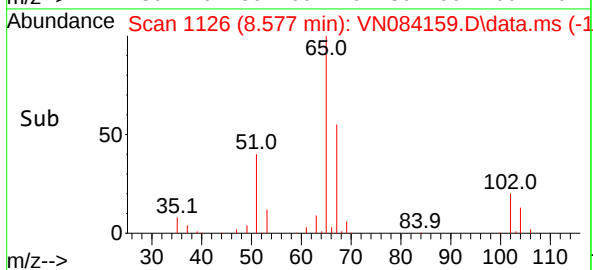
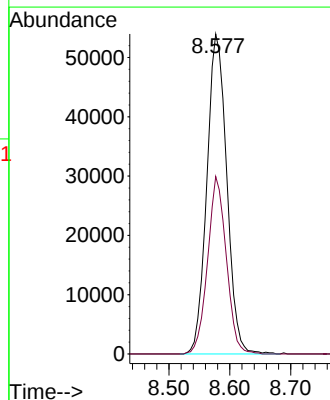
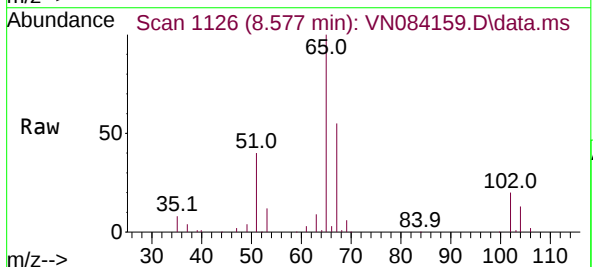
RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084159.D

Acq: 25 Sep 2024 14:59

Tgt Ion: 65	Resp: 122638
Ion Ratio	Lower Upper
65	100
67	52.0 0.0 100.8

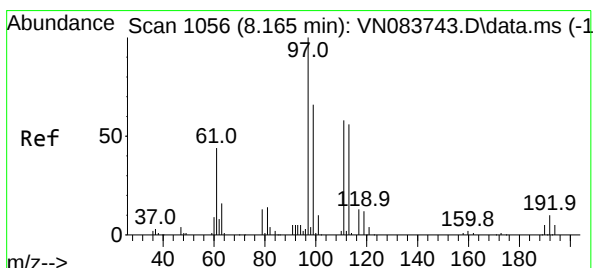
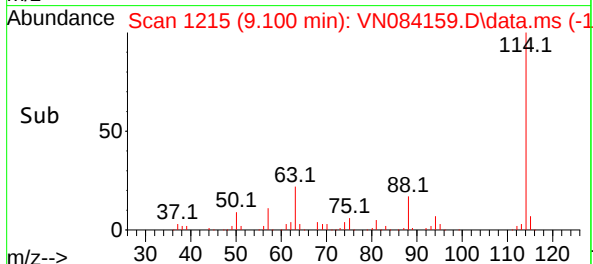
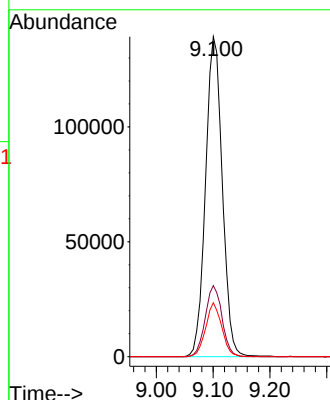
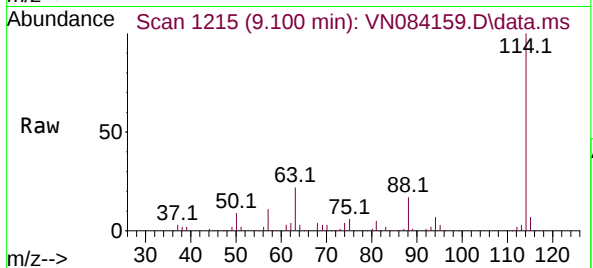




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

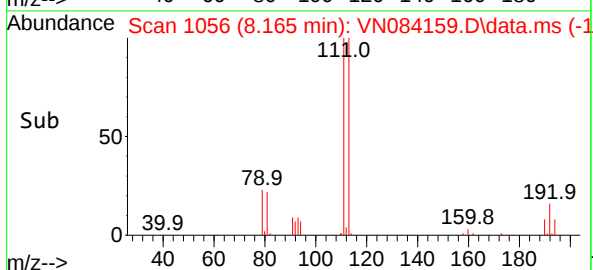
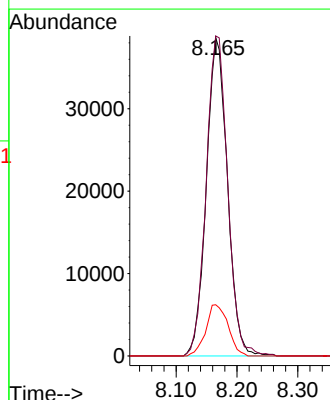
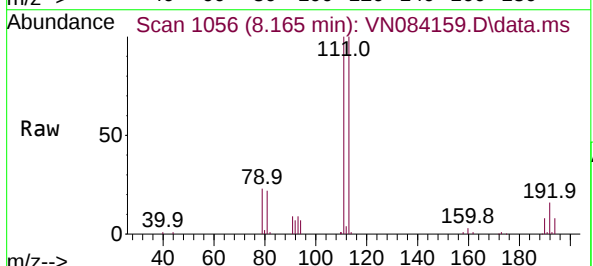
Instrument :
MSVOA_N
ClientSampleId :

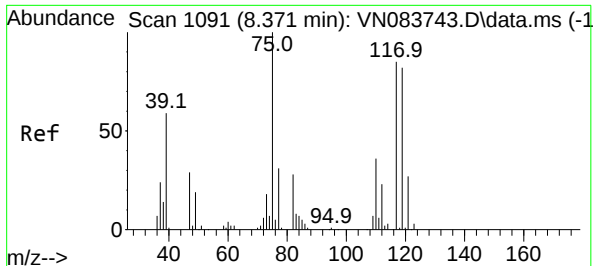
Tgt Ion:114 Resp: 284598
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.975 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

Tgt Ion:113 Resp: 92874
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: 5.418 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

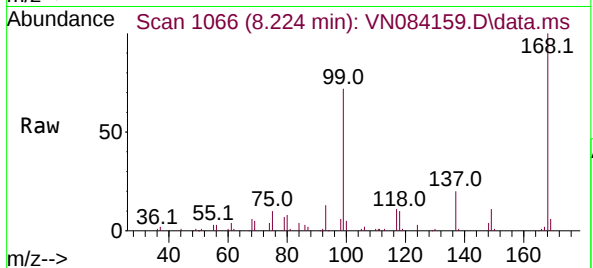
Lab File: VN084159.D

Acq: 25 Sep 2024 14:59

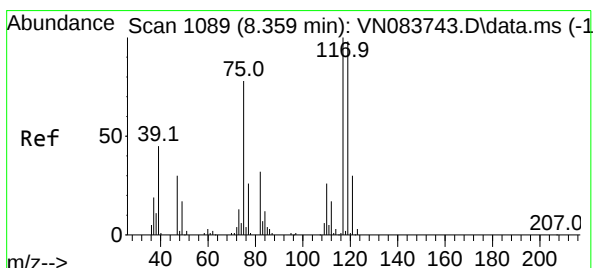
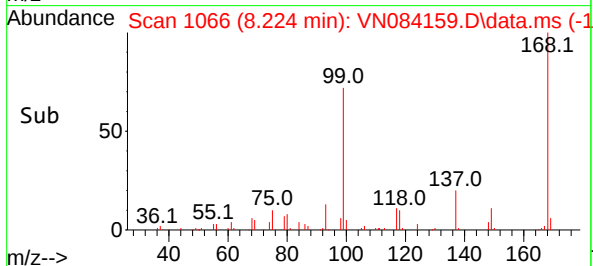
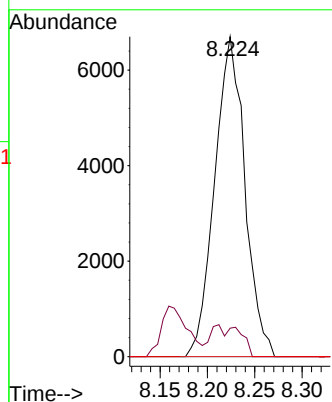
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14857
Ion Ratio	Lower	Upper	
75	100		
110	2.6	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.957 ug/l

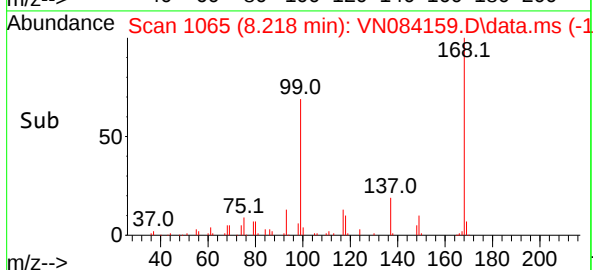
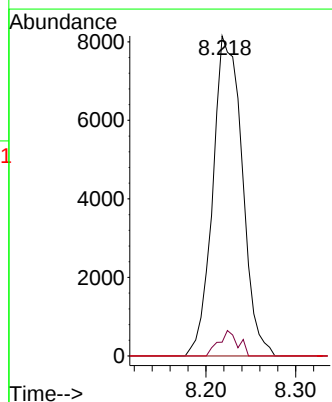
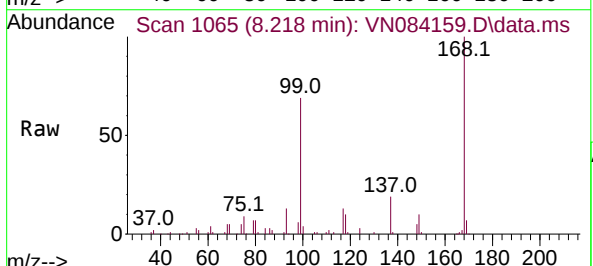
RT: 8.218 min Scan# 1065

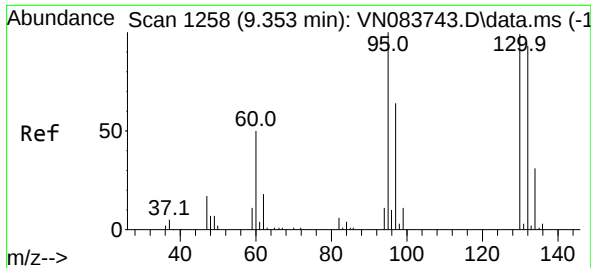
Delta R.T. -0.141 min

Lab File: VN084159.D

Acq: 25 Sep 2024 14:59

Tgt Ion:	117	Resp:	18534
Ion Ratio	Lower	Upper	
117	100		
119	4.3	76.1	114.1#
121	0.0	24.1	36.1#

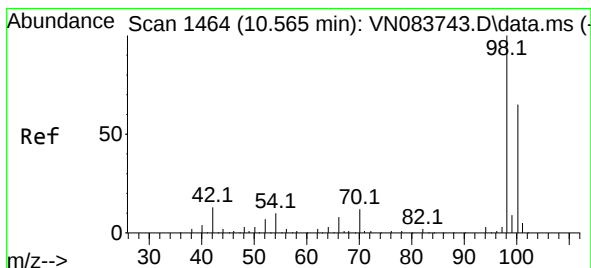
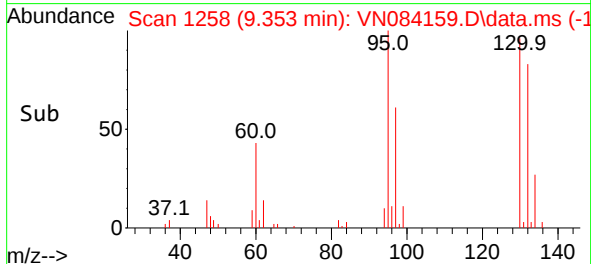
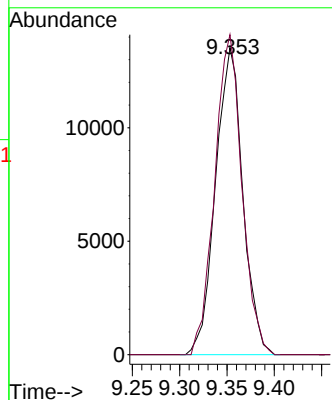
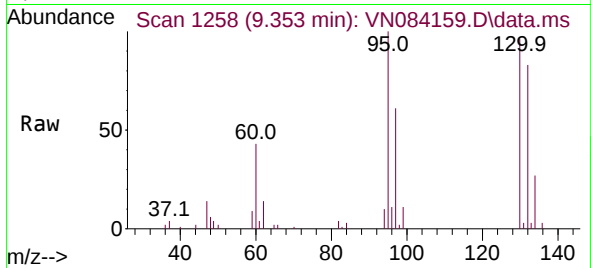




#44
Trichloroethene
Concen: 14.192 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

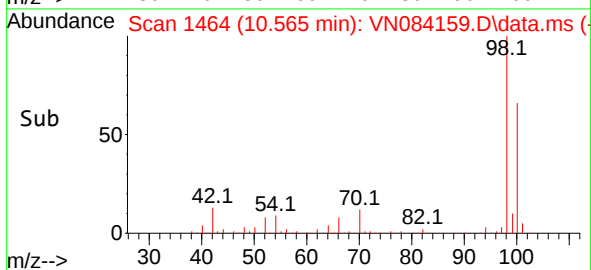
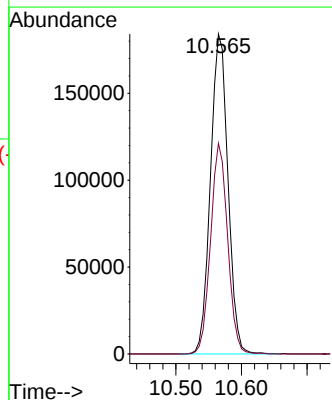
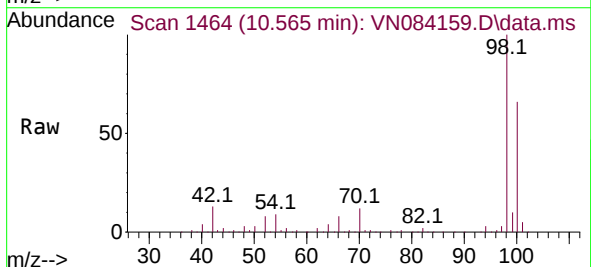
Instrument :
MSVOA_N
ClientSampleId :

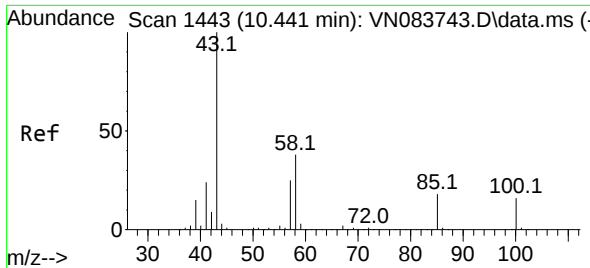
Tgt Ion:130 Resp: 27126
Ion Ratio Lower Upper
130 100
95 104.3 0.0 200.4



#50
Toluene-d8
Concen: 54.174 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

Tgt Ion: 98 Resp: 341223
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

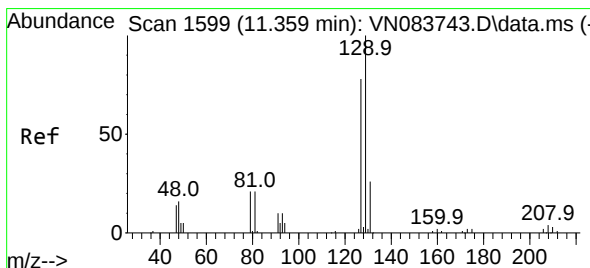
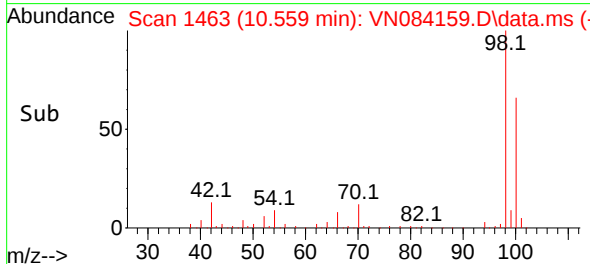
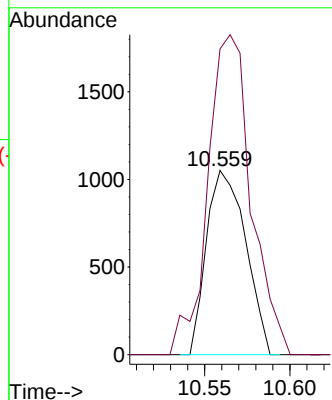
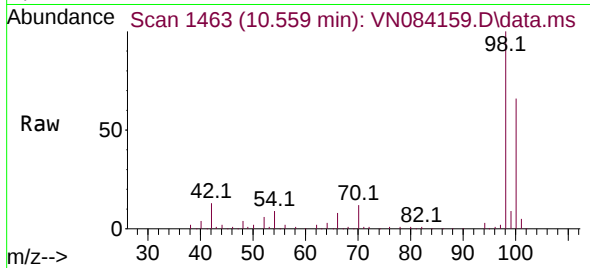




#51
4-Methyl-2-Pentanone
Concen: 0.685 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

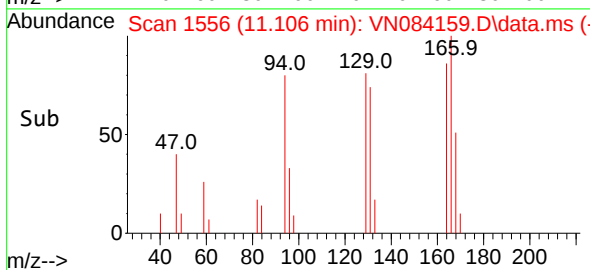
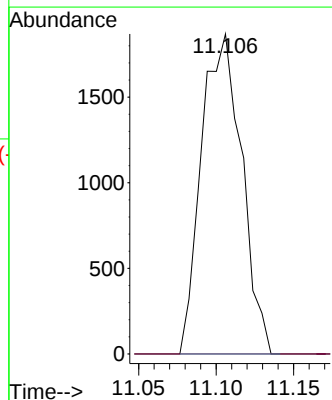
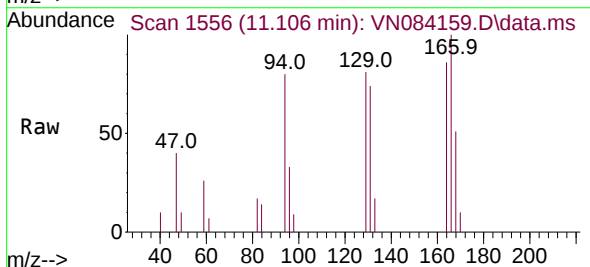
Instrument :
MSVOA_N
ClientSampleId :

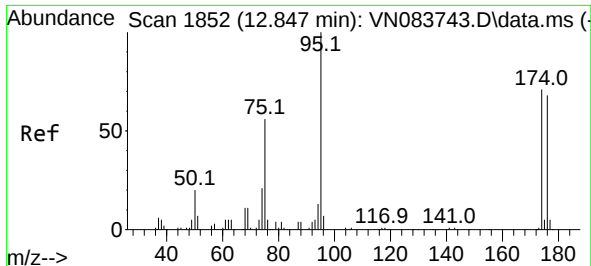
Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
58 192.4 31.6 47.4#



#60
Dibromochloromethane
Concen: 1.601 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

Tgt Ion: 129 Resp: 3378
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

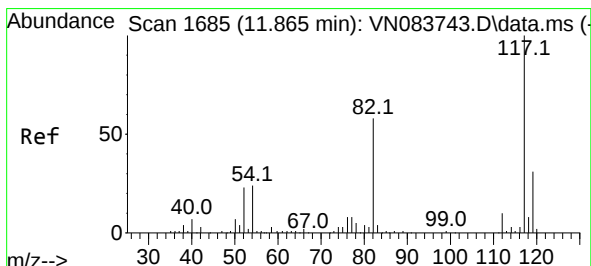
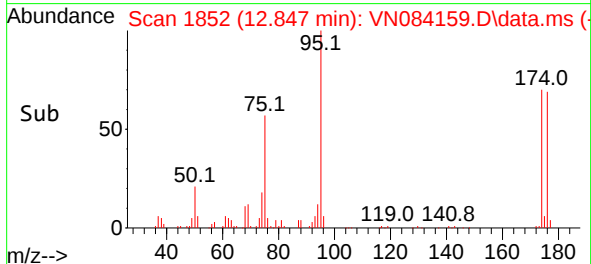
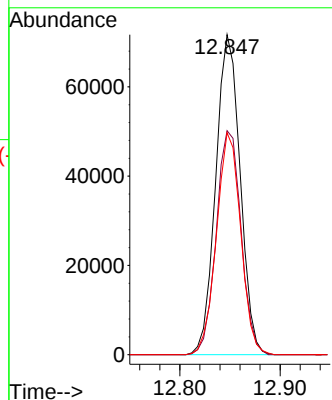
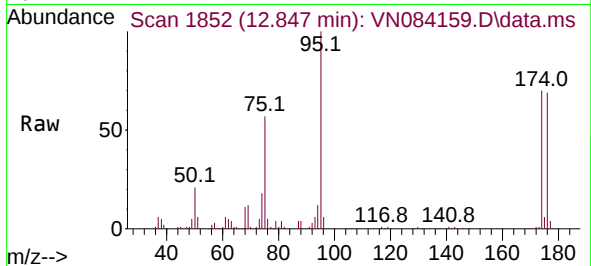




#62
4-Bromofluorobenzene
Concen: 46.591 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

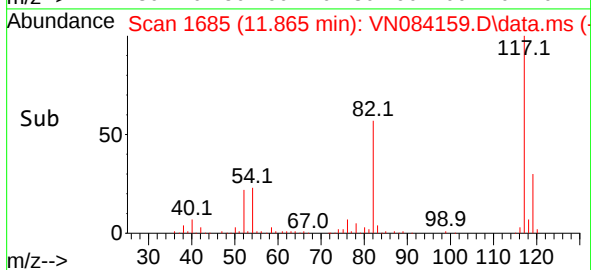
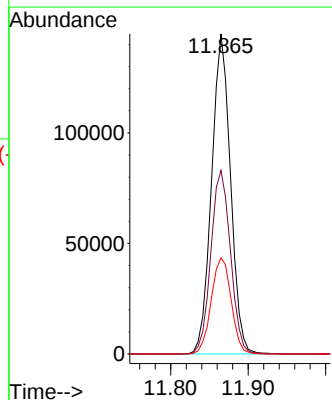
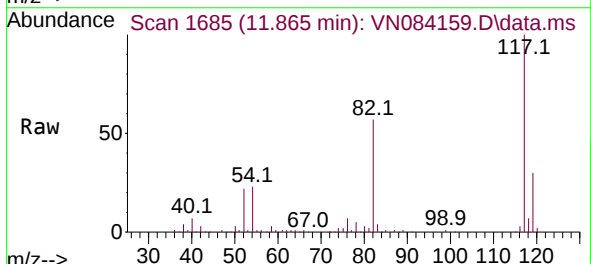
Instrument :
MSVOA_N
ClientSampleId :

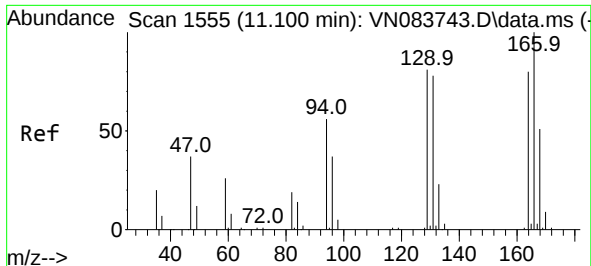
Tgt Ion: 95 Resp: 121075
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 68.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

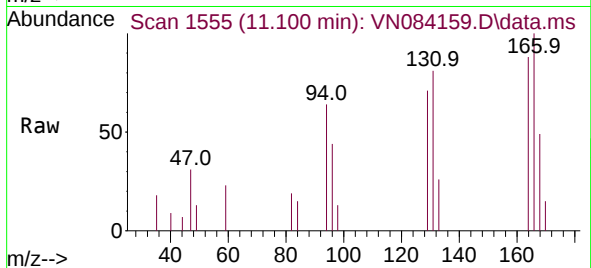
Tgt Ion: 117 Resp: 245581
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.0
119 30.0 26.3 39.5



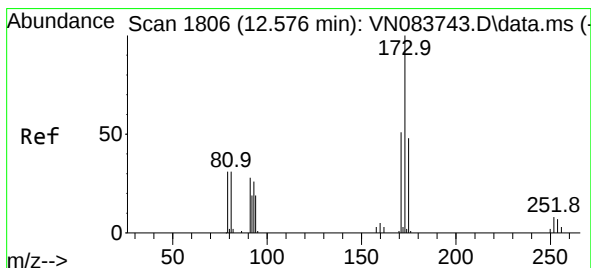
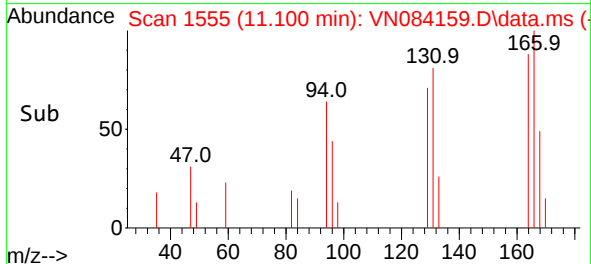
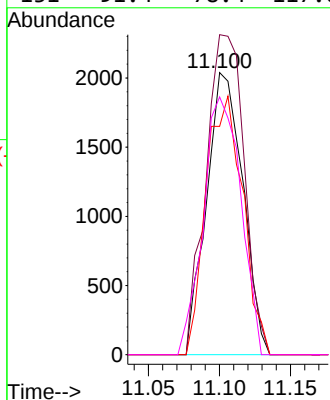


#64
Tetrachloroethene
Concen: 2.223 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

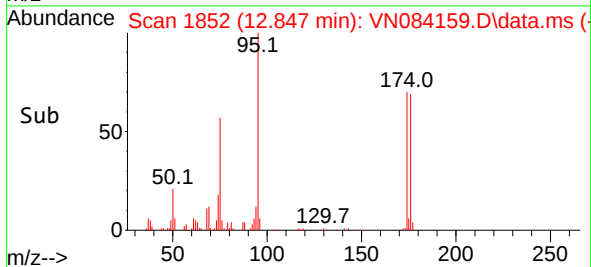
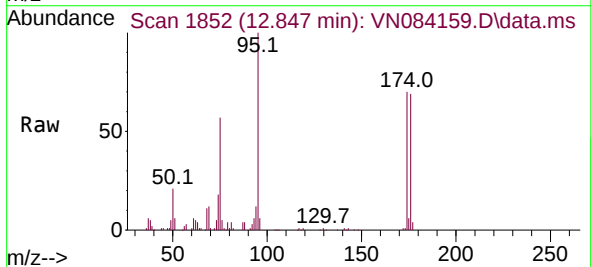
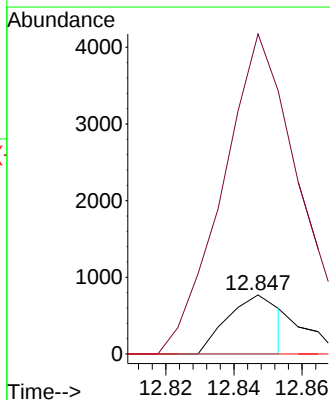


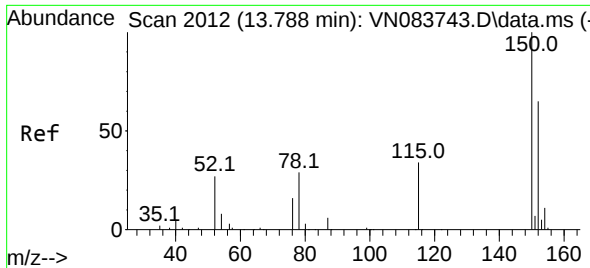
Tgt Ion:164 Resp: 3631
Ion Ratio Lower Upper
164 100
166 113.4 103.7 155.5
129 80.9 79.9 119.9
131 91.4 78.4 117.6



#71
Bromoform
Concen: 0.644 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084159.D
Acq: 25 Sep 2024 14:59

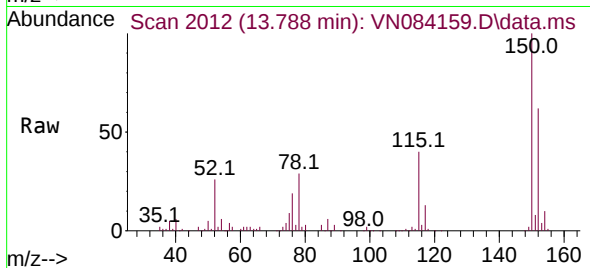
Tgt Ion:173 Resp: 821
Ion Ratio Lower Upper
173 100
175 604.3 24.1 72.2#
254 0.0 0.0 0.0



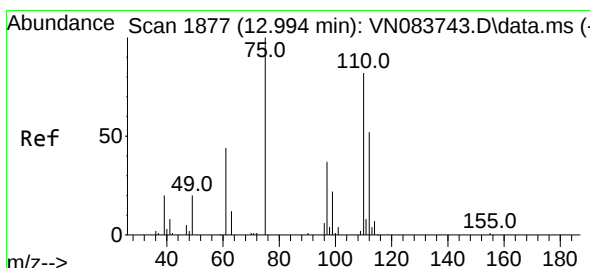
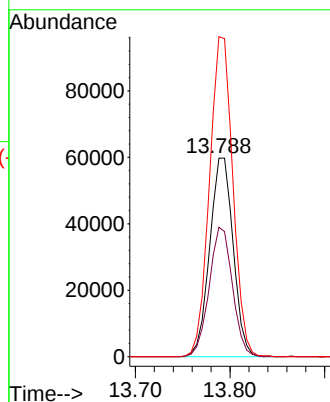
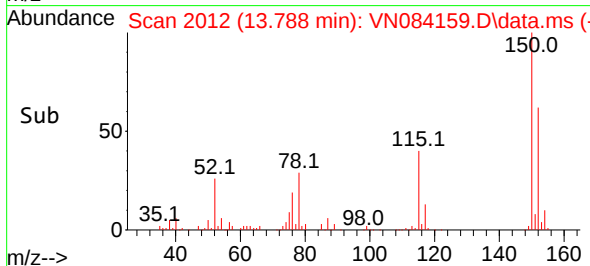


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084159.D
 Acq: 25 Sep 2024 14:59

Instrument :
 MSVOA_N
 ClientSampleId :

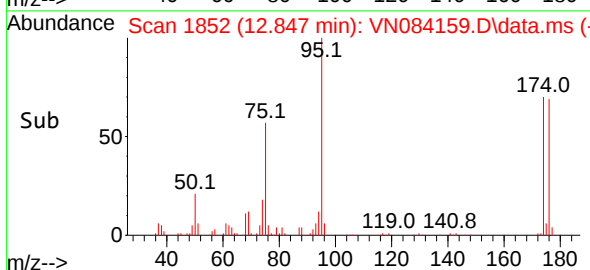
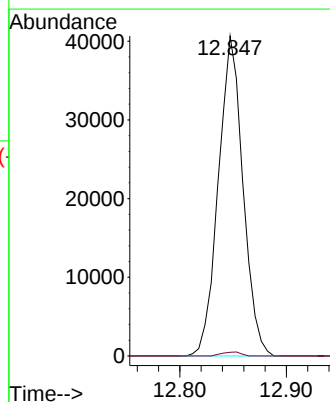
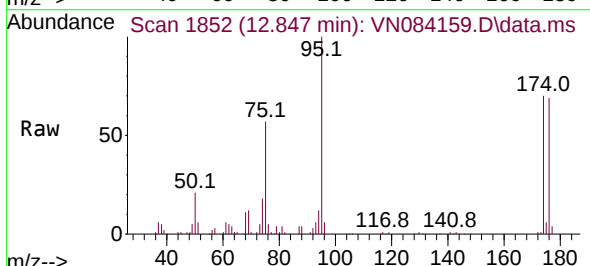


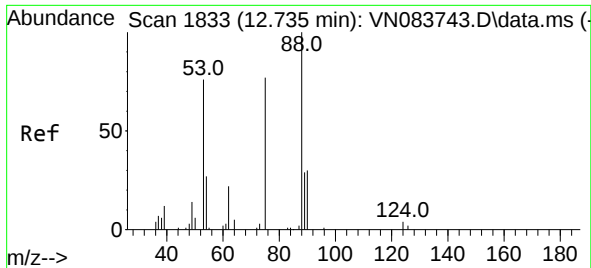
Tgt Ion:152 Resp: 102898
 Ion Ratio Lower Upper
 152 100
 115 64.5 32.2 96.6
 150 160.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.424 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084159.D
 Acq: 25 Sep 2024 14:59

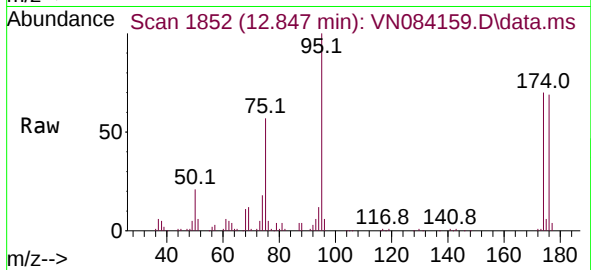
Tgt Ion: 75 Resp: 65245
 Ion Ratio Lower Upper
 75 100
 77 1.0 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.302 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084159.D
 Acq: 25 Sep 2024 14:59

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 65245
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

