

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084111.D
 Acq On : 23 Sep 2024 15:53
 Operator : JC\MD
 Sample : P4003-14DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D2-20240912DL

Quant Time: Sep 24 01:33:35 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)

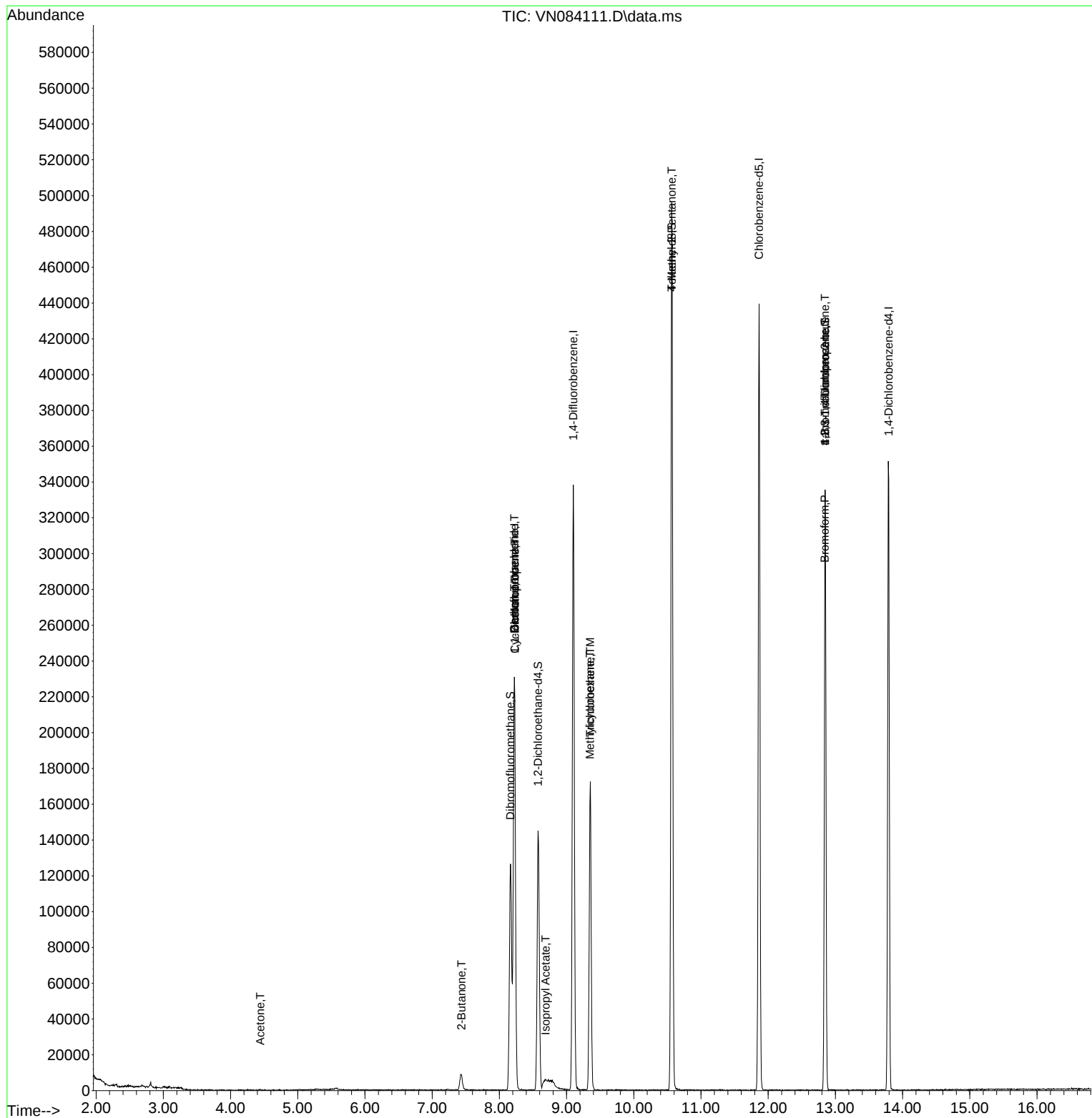
Internal Standards						
1) Pentafluorobenzene	8.224	168	161711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123024	50.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.900%			
35) Dibromofluoromethane	8.165	113	90546	50.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.565	98	334586	54.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.460%			
62) 4-Bromofluorobenzene	12.847	95	114502	44.984	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.960%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	635	0.650	ug/l #	45
18) Methyl Acetate	5.042	43	389	Below Cal	#	52
25) 2-Butanone	7.436	43	316	0.246	ug/l #	49
31) Cyclohexane	8.230	56	4115	1.168	ug/l #	31
36) 1,1-Dichloropropene	8.230	75	15096	5.620	ug/l #	48
38) Carbon Tetrachloride	8.224	117	18679	6.130	ug/l #	15
39) Methylcyclohexane	9.347	83	688	0.225	ug/l #	1
43) Isopropyl Acetate	8.688	43	5707	1.292	ug/l #	57
44) Trichloroethene	9.353	130	57892	30.921	ug/l	94
51) 4-Methyl-2-Pentanone	10.565	43	1585	0.659	ug/l #	1
71) Bromoform	12.841	173	283	0.233	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	62458	33.969	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62458	88.968	ug/l #	9

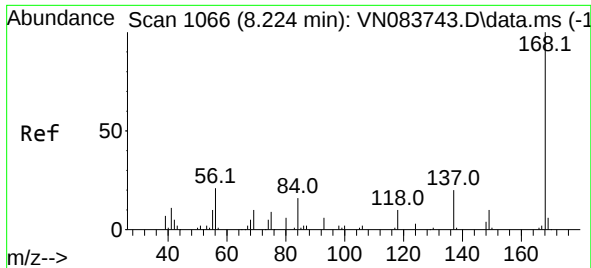
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

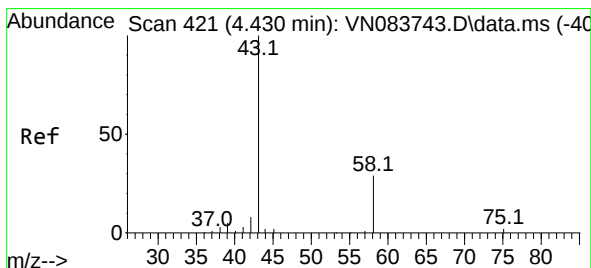
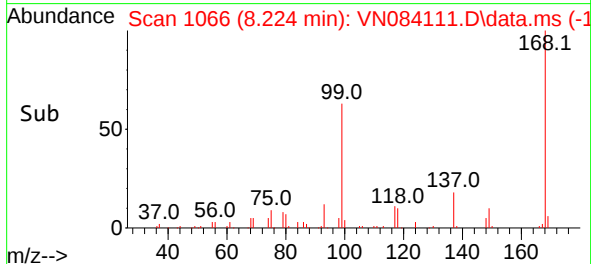
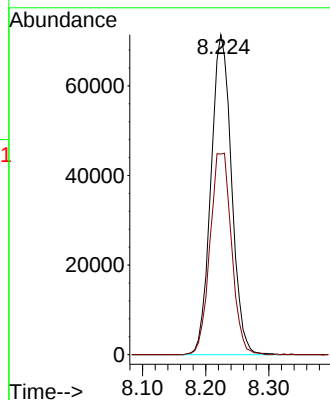
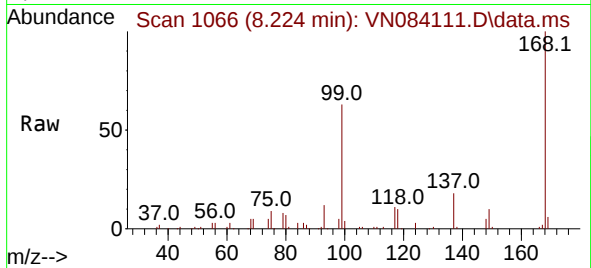




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

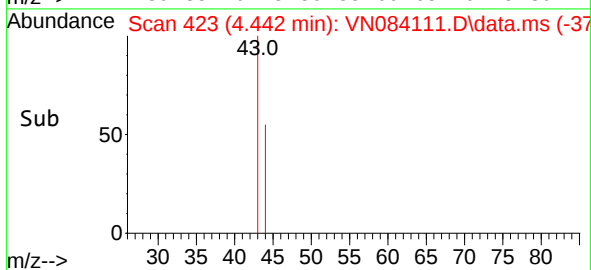
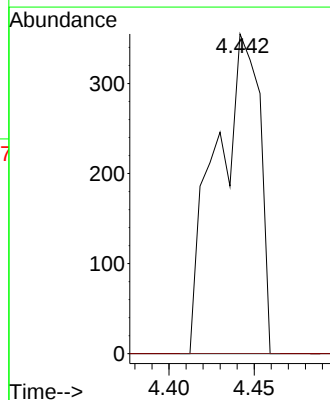
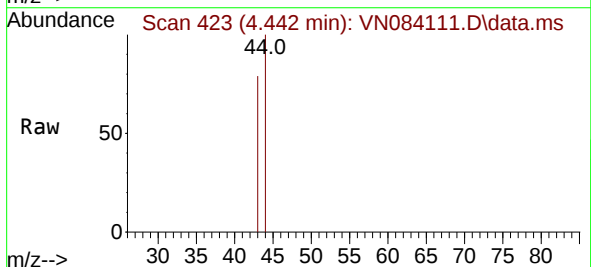
Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20240912DL

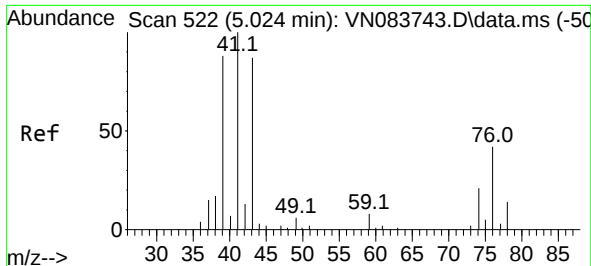
Tgt Ion:168 Resp: 161711
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#16
Acetone
Concen: 0.650 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.042 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN084111.D

Acq: 23 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

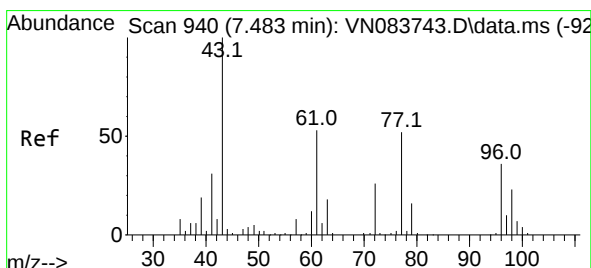
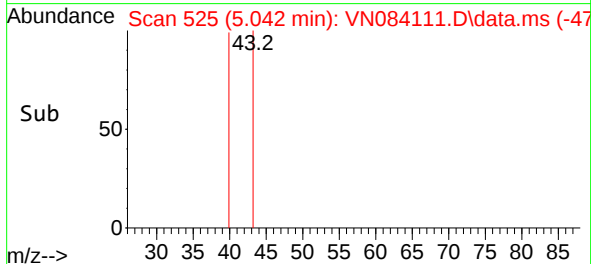
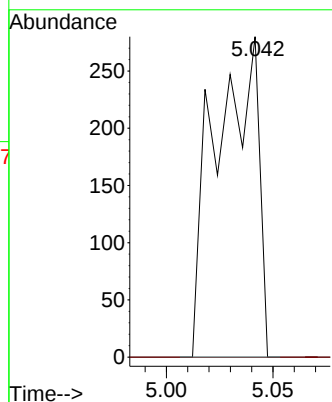
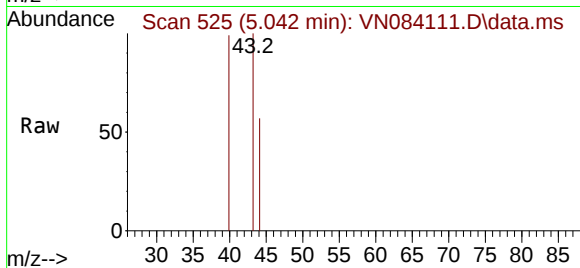
RE126D2-20240912DL

Tgt Ion: 43 Resp: 389

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#25

2-Butanone

Concen: 0.246 ug/l

RT: 7.436 min Scan# 932

Delta R.T. -0.047 min

Lab File: VN084111.D

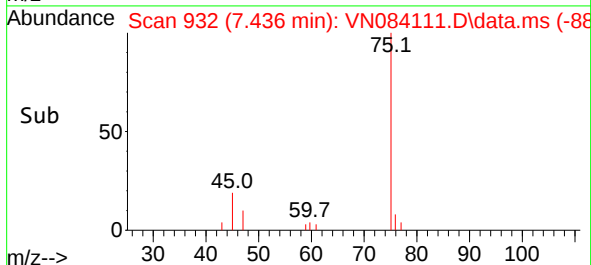
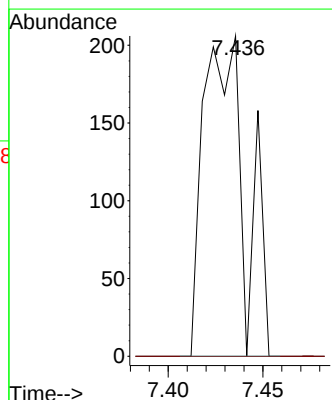
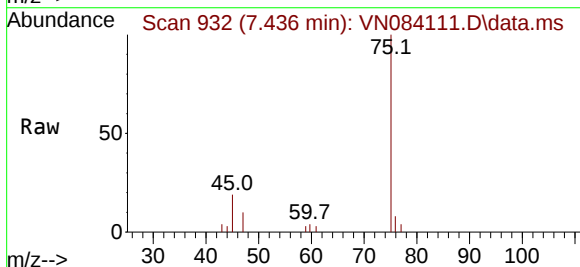
Acq: 23 Sep 2024 15:53

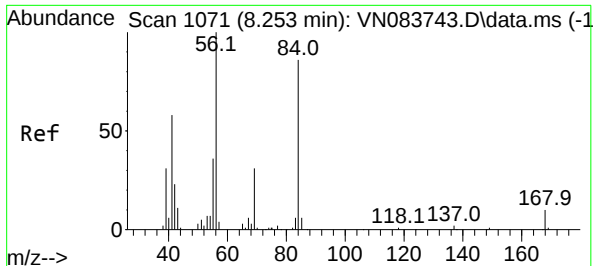
Tgt Ion: 43 Resp: 316

Ion Ratio Lower Upper

43 100

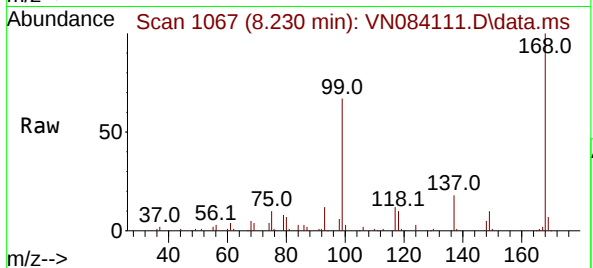
72 0.0 20.8 31.2#



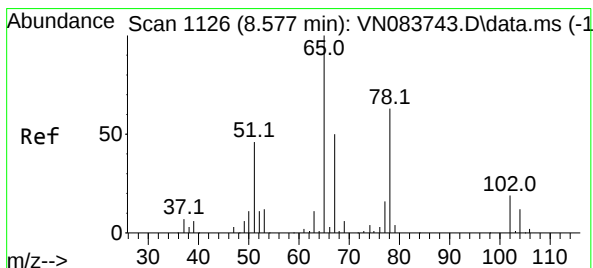
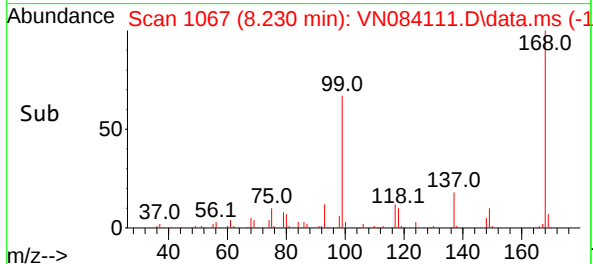
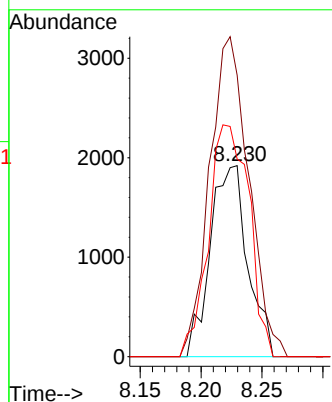


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Instrument :
MSVOA_N
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RE126D2-20240912DL

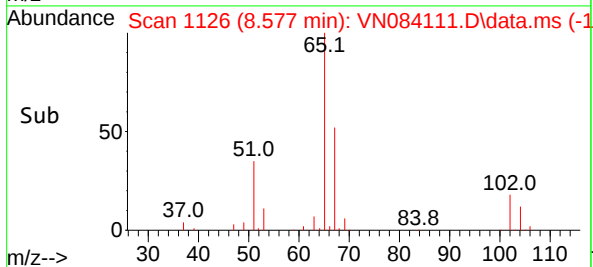
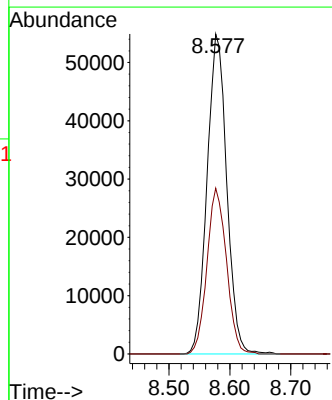
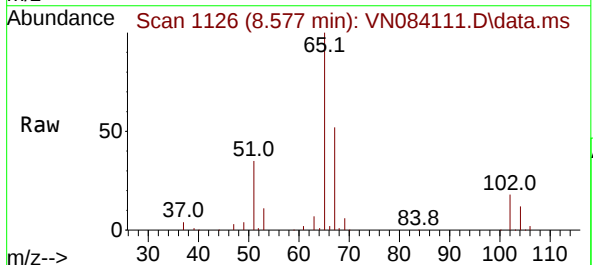


Tgt Ion: 56 Resp: 4115
Ion Ratio Lower Upper
56 100
69 147.3 26.9 40.3#
84 103.4 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 50.453 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Tgt Ion: 65 Resp: 123024
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8

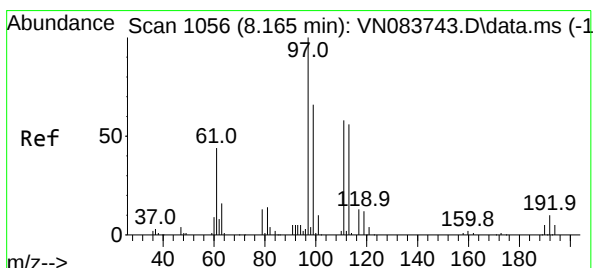
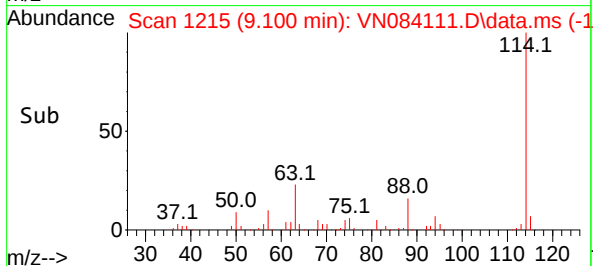
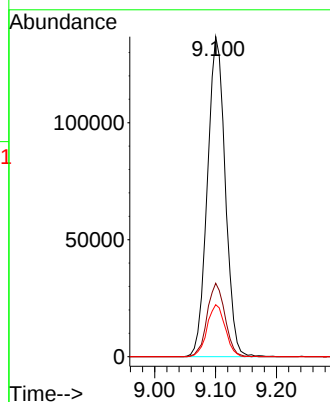
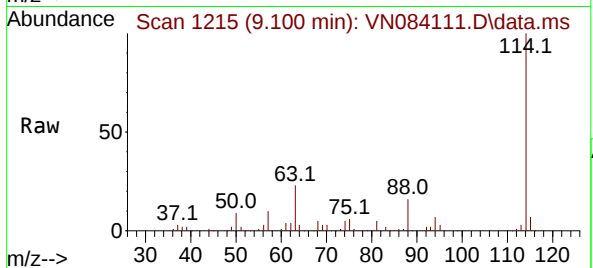




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

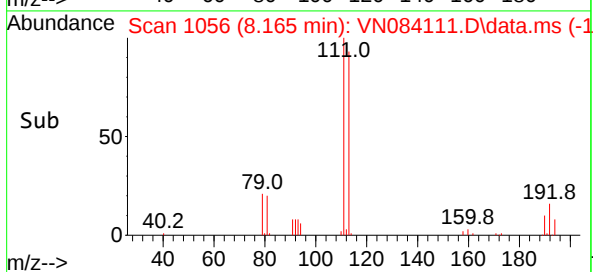
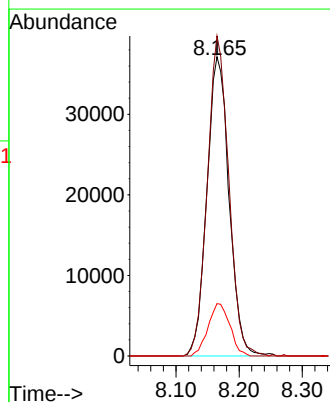
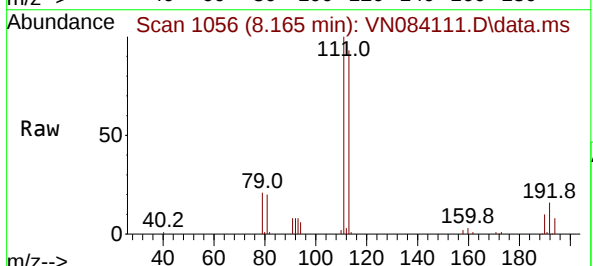
Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20240912DL

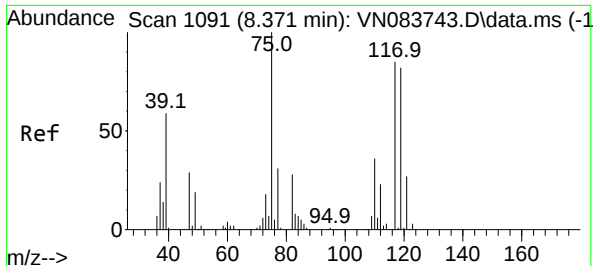
Tgt Ion:114 Resp: 278766
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.737 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Tgt Ion:113 Resp: 90546
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.620 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084111.D

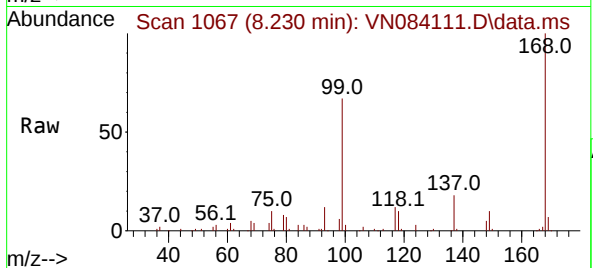
Acq: 23 Sep 2024 15:53

Instrument :

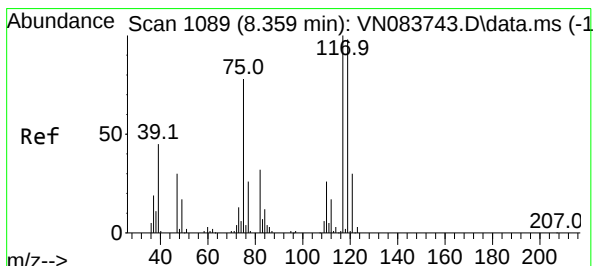
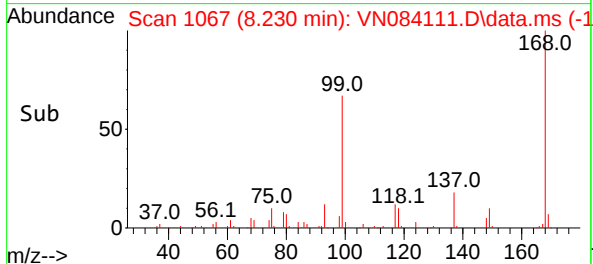
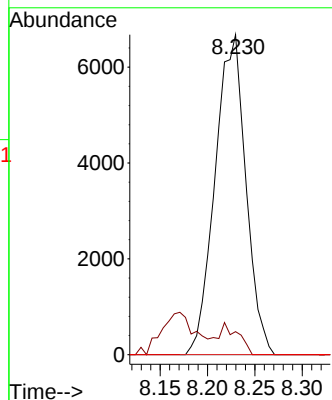
MSVOA_N

ClientSampleId :

RE126D2-20240912DL



Tgt Ion:	75	Resp:	15096
Ion Ratio	Lower	Upper	
75	100		
110	6.8	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.130 ug/l

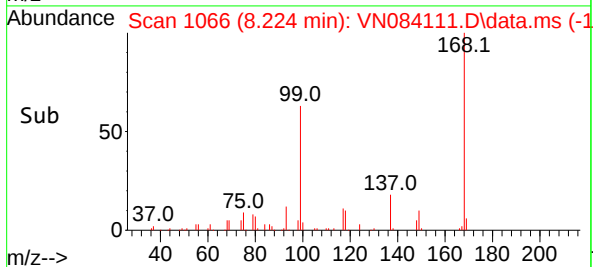
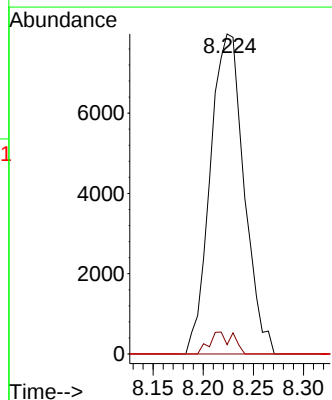
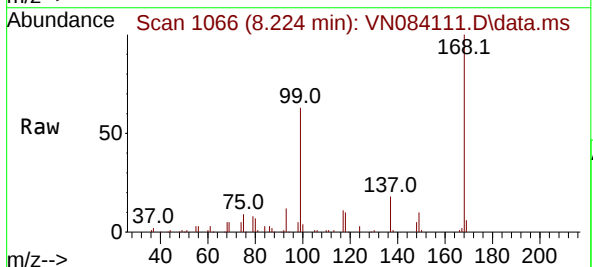
RT: 8.224 min Scan# 1066

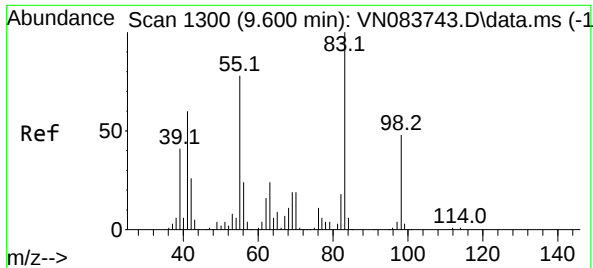
Delta R.T. -0.135 min

Lab File: VN084111.D

Acq: 23 Sep 2024 15:53

Tgt Ion:	117	Resp:	18679
Ion Ratio	Lower	Upper	
117	100		
119	2.9	76.1	114.1#
121	0.0	24.1	36.1#

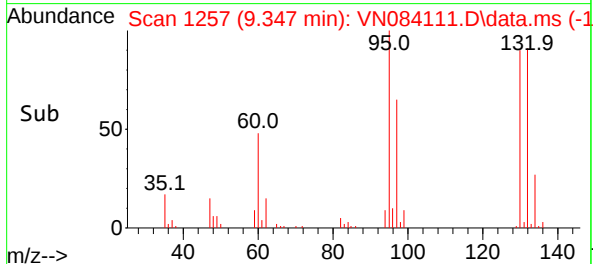
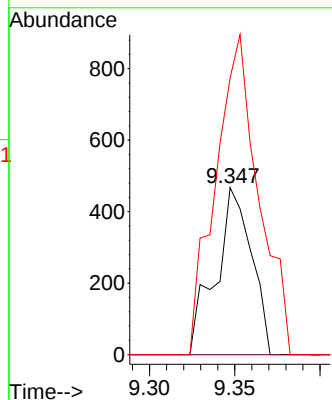
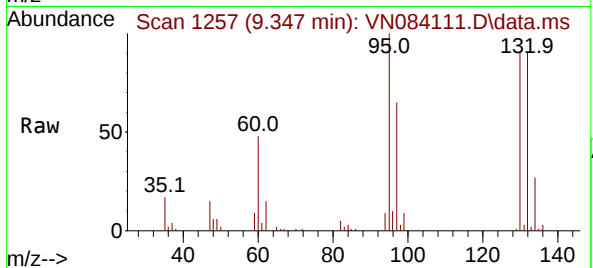




#39
Methylcyclohexane
Concen: 0.225 ug/l
RT: 9.347 min Scan# 1125
Delta R.T. -0.253 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

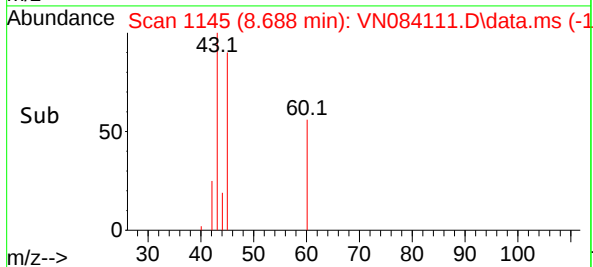
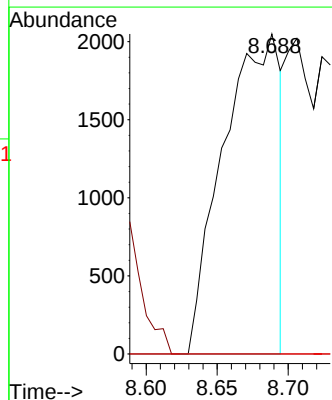
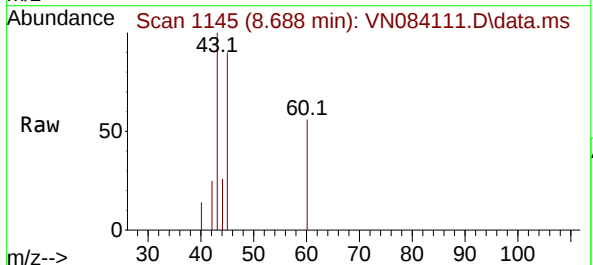
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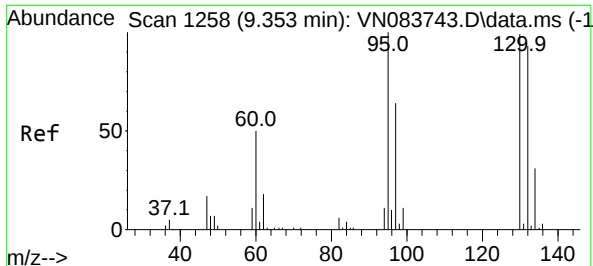
Tgt Ion: 83 Resp: 688
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 165.7 37.6 56.4#



#43
Isopropyl Acetate
Concen: 1.292 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Tgt Ion: 43 Resp: 5707
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

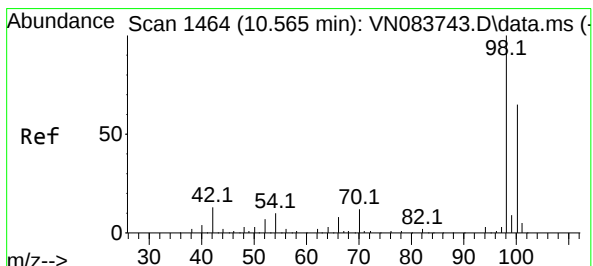
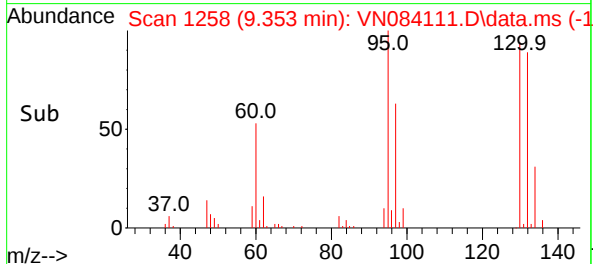
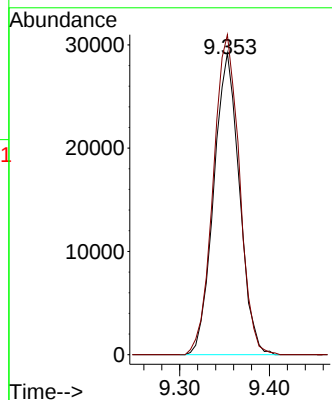
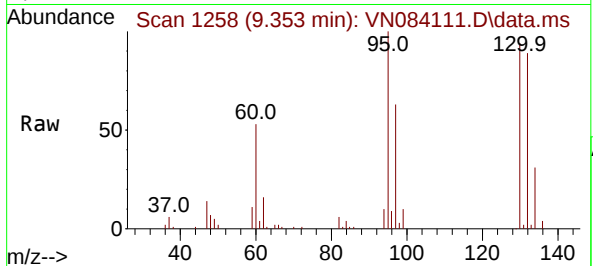




#44
Trichloroethene
Concen: 30.921 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

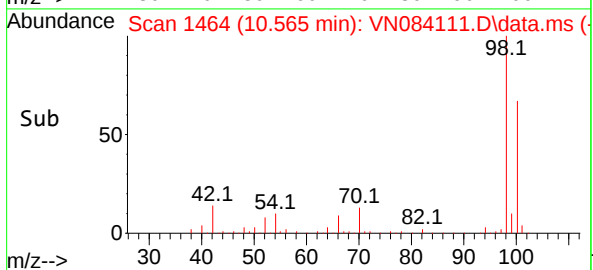
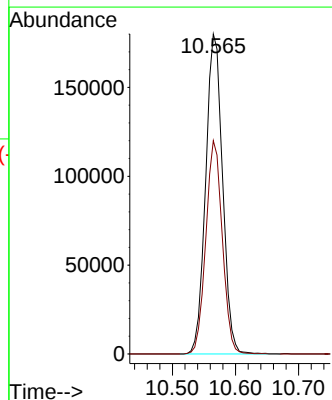
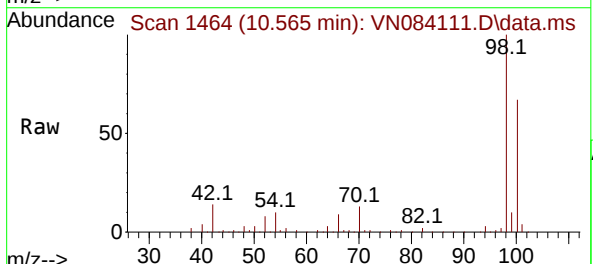
Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20240912DL

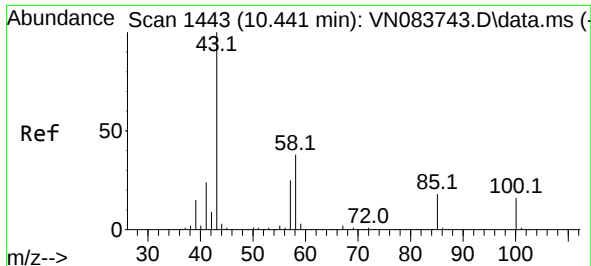
Tgt Ion:130 Resp: 57892
Ion Ratio Lower Upper
130 100
95 106.1 0.0 200.4



#50
Toluene-d8
Concen: 54.232 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Tgt Ion: 98 Resp: 334586
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.659 ug/l

RT: 10.565 min Scan# 1443

Delta R.T. 0.124 min

Lab File: VN084111.D

Acq: 23 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

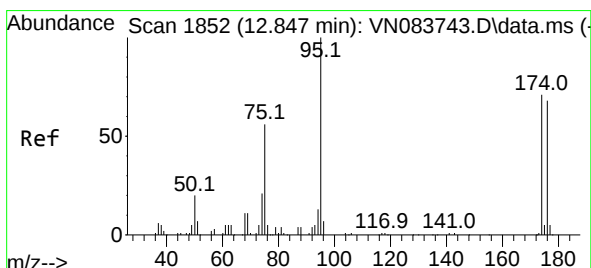
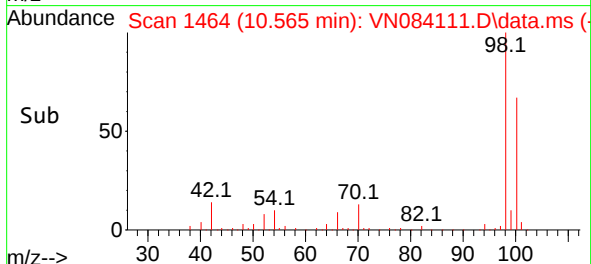
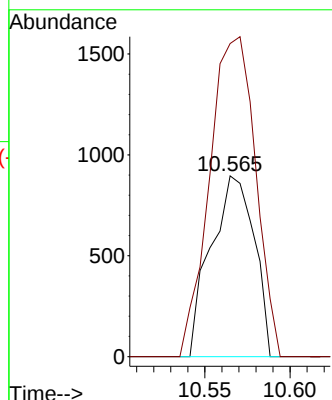
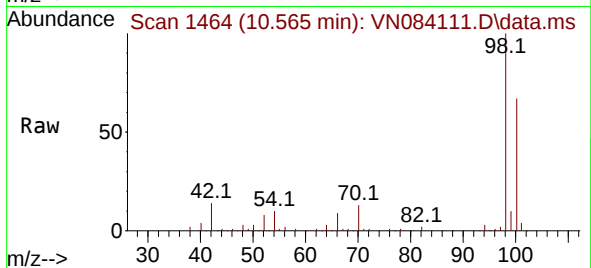
RE126D2-20240912DL

Tgt Ion: 43 Resp: 1585

Ion Ratio Lower Upper

43 100

58 187.6 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 44.984 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084111.D

Acq: 23 Sep 2024 15:53

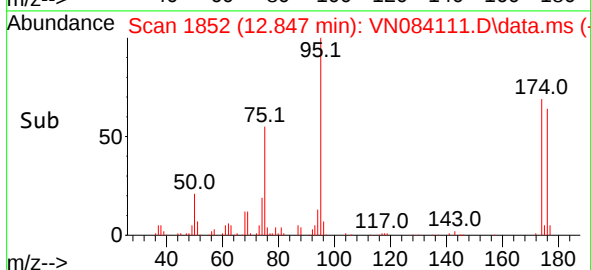
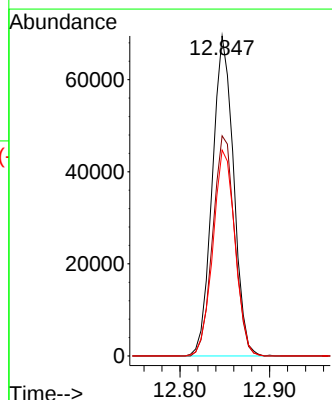
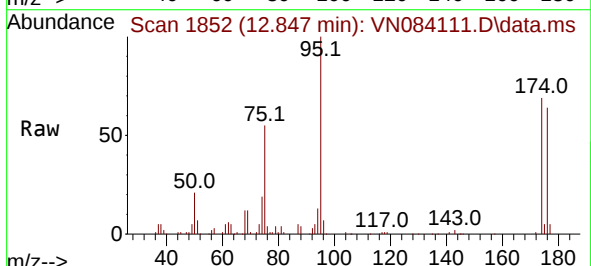
Tgt Ion: 95 Resp: 114502

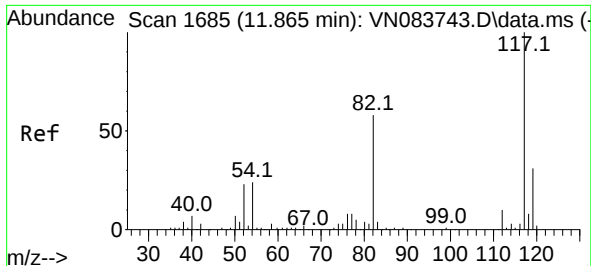
Ion Ratio Lower Upper

95 100

174 70.7 0.0 139.8

176 66.8 0.0 131.4

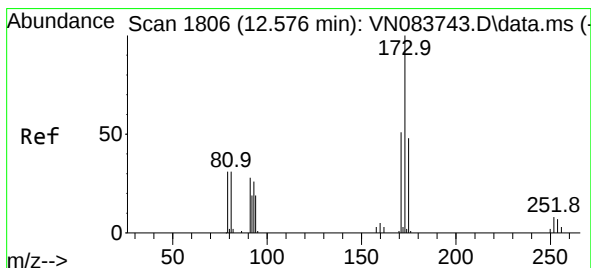
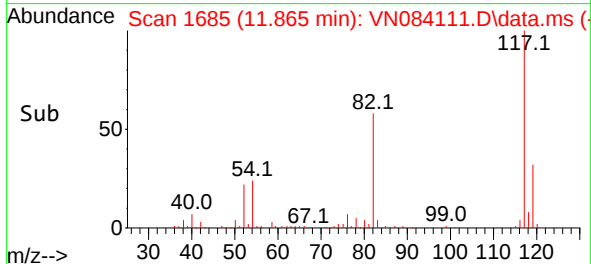
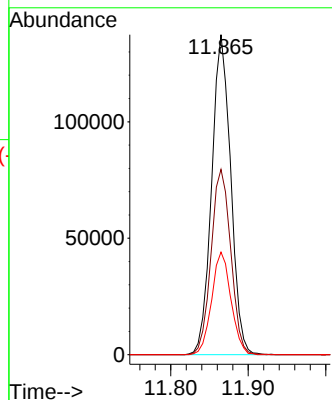
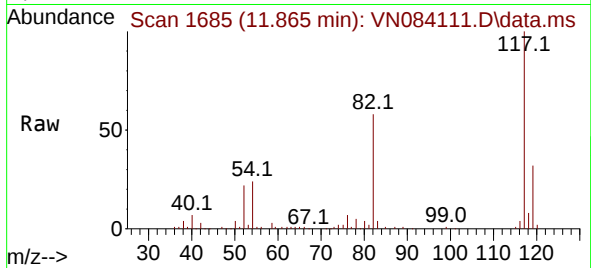




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

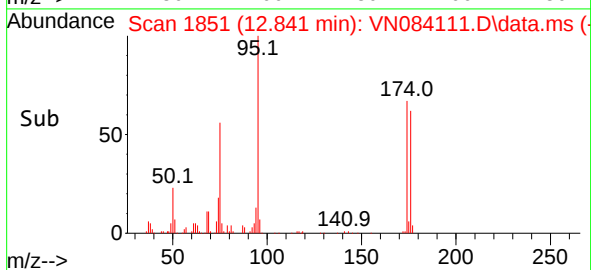
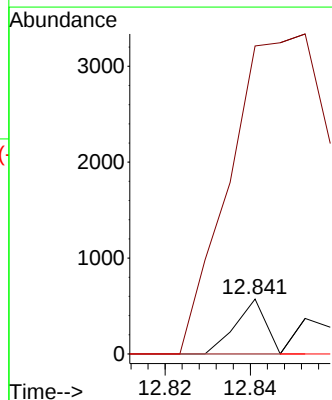
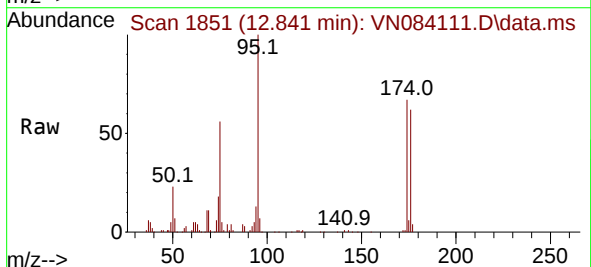
Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20240912DL

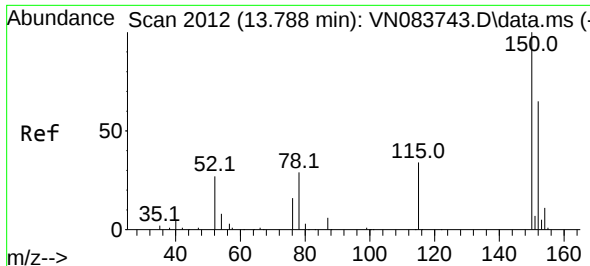
Tgt Ion:117 Resp: 234371
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 32.0 26.3 39.5



#71
Bromoform
Concen: 0.233 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Tgt Ion:173 Resp: 283
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0

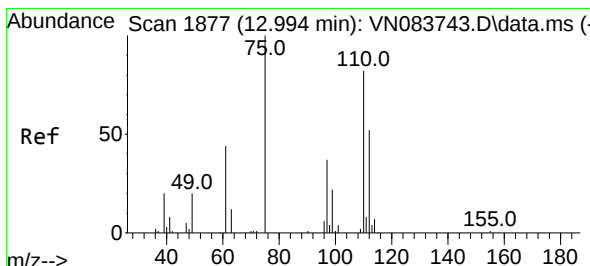
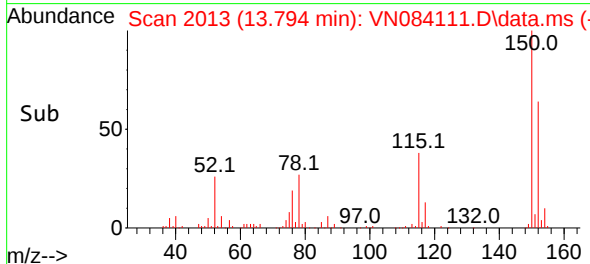
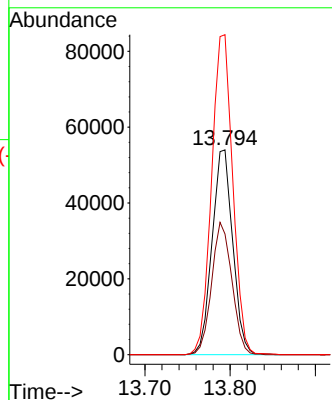
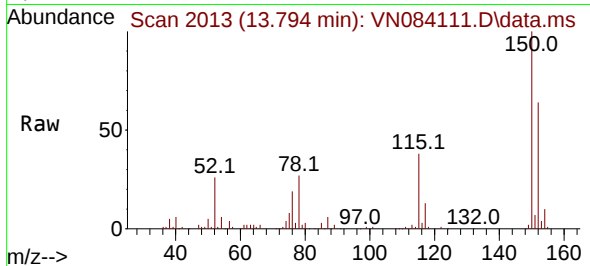




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

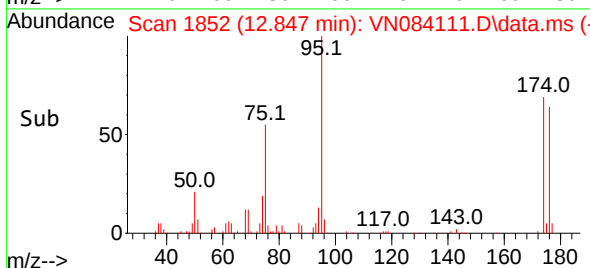
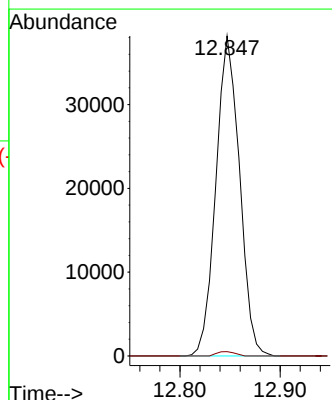
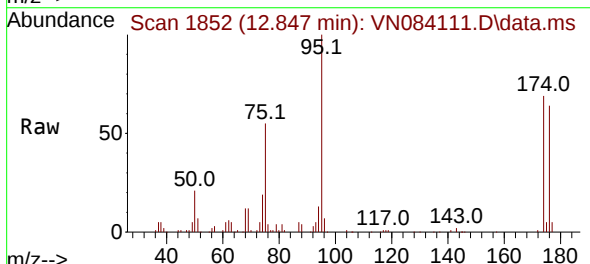
Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20240912DL

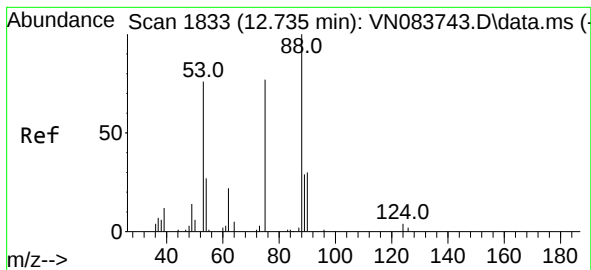
Tgt Ion:152 Resp: 91122
Ion Ratio Lower Upper
152 100
115 63.2 32.2 96.6
150 159.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 33.969 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Tgt Ion: 75 Resp: 62458
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.968 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084111.D
Acq: 23 Sep 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20240912DL

Tgt Ion: 75 Resp: 62458
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

