

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084047.D
 Acq On : 19 Sep 2024 20:29
 Operator : JC\MD
 Sample : P4003-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912

Quant Time: Sep 20 01:37:30 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)

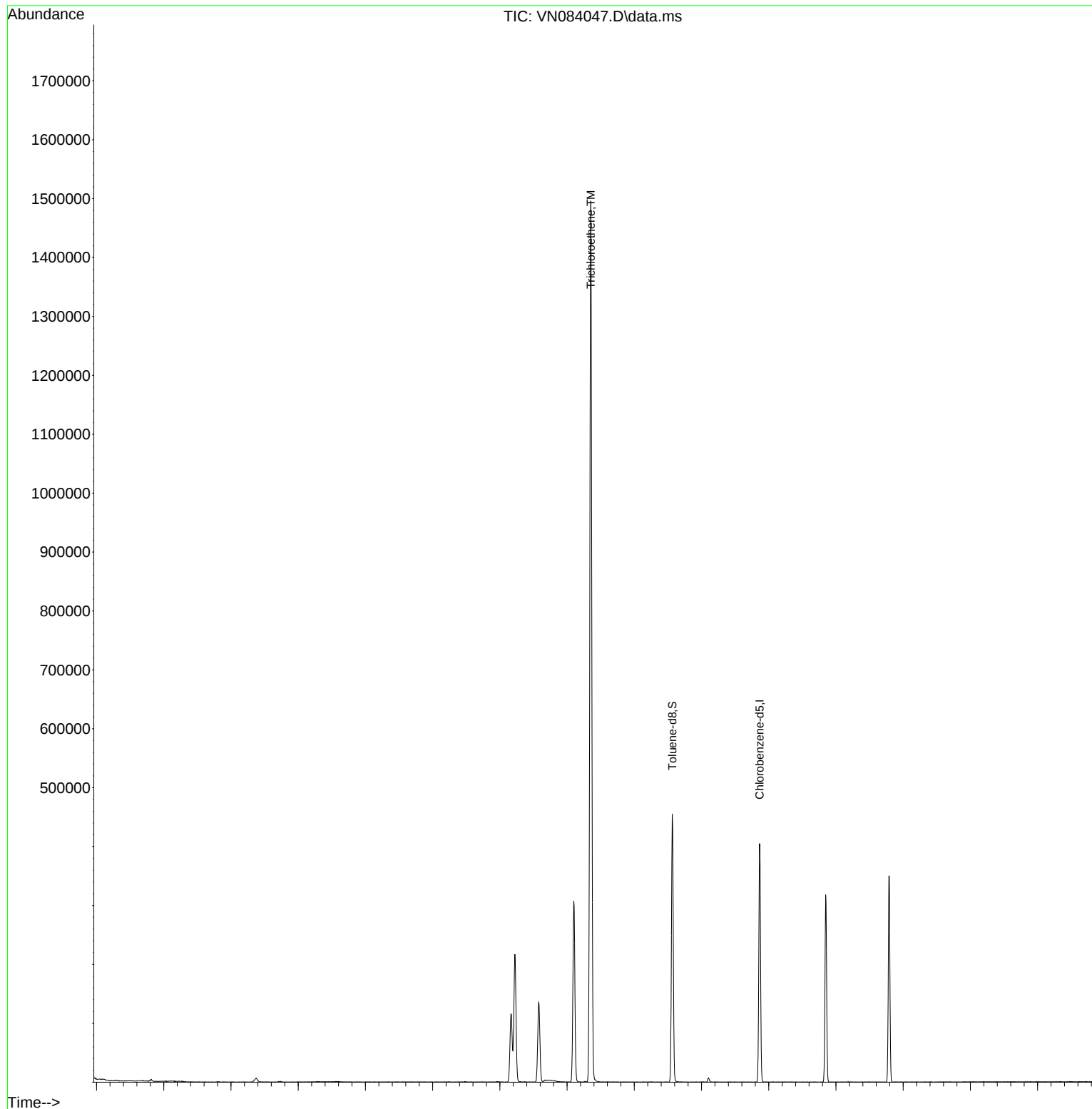
Internal Standards						
1) Pentafluorobenzene	8.224	168	145188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116368	53.155	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.300%		
35) Dibromofluoromethane	8.165	113	82194	50.368	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.740%		
50) Toluene-d8	10.565	98	306749	54.374	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.740%		
62) 4-Bromofluorobenzene	12.847	95	109787	47.169	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.340%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.365	101	5129	3.085	ug/l #	59
44) Trichloroethene	9.353	130	509414	297.555	ug/l	95
64) Tetrachloroethene	11.106	164	1774	1.260	ug/l #	70

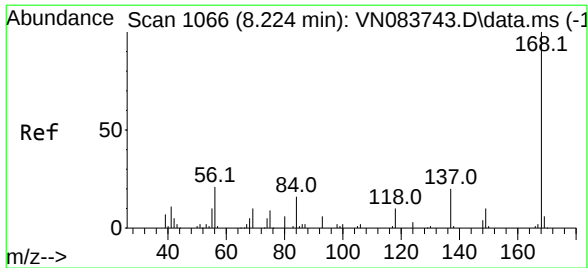
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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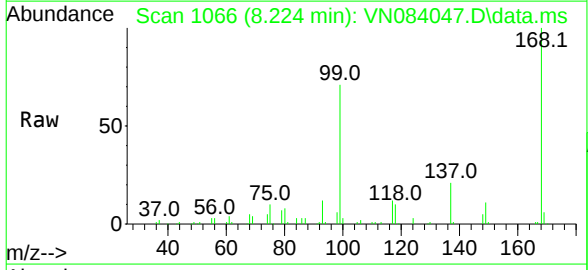
Quant Time: Sep 20 01:37:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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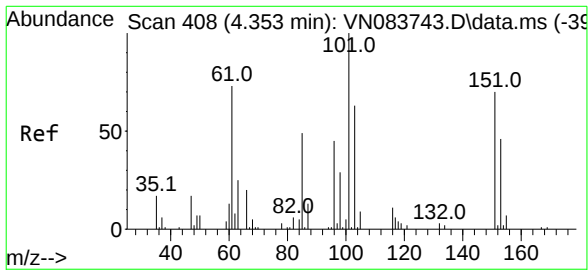
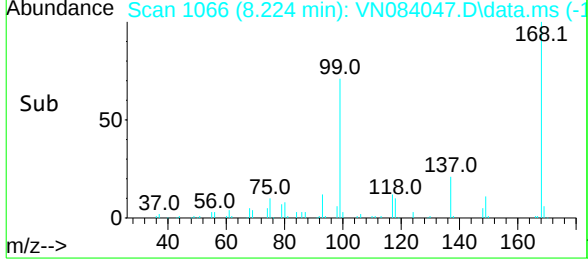
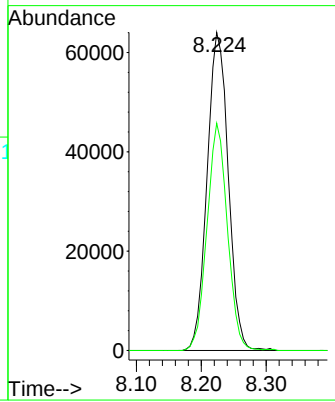


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912

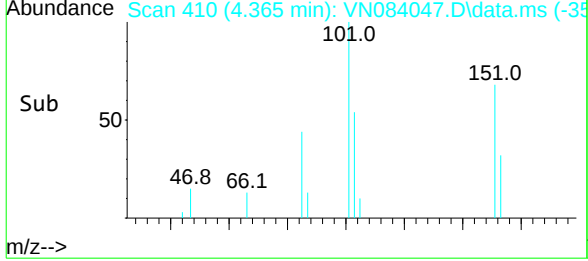
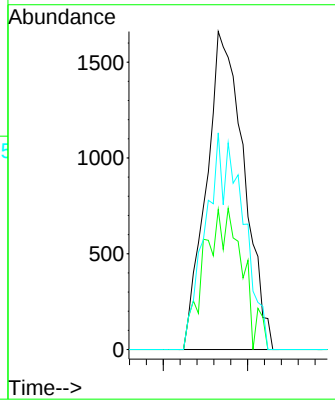
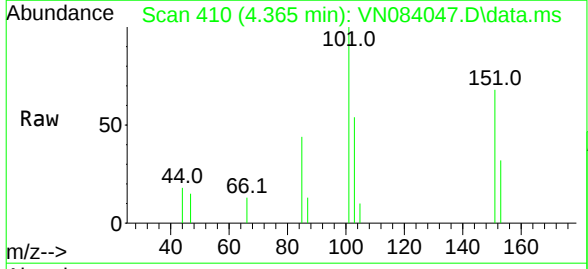


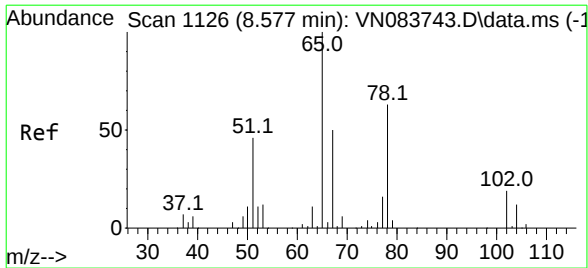
Tgt Ion:168 Resp: 145188
 Ion Ratio Lower Upper
 168 100
 99 71.4 54.2 81.2



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 3.085 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.012 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

Tgt Ion:101 Resp: 5129
 Ion Ratio Lower Upper
 101 100
 85 24.1 36.2 54.4#
 151 33.9 57.7 86.5#



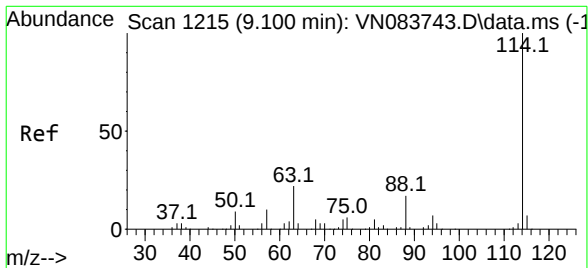
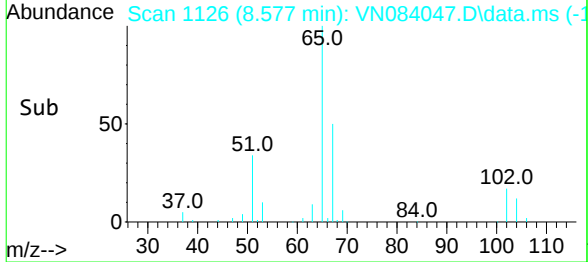
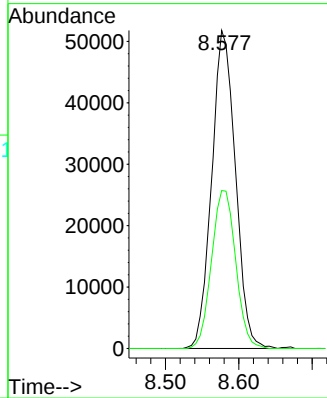
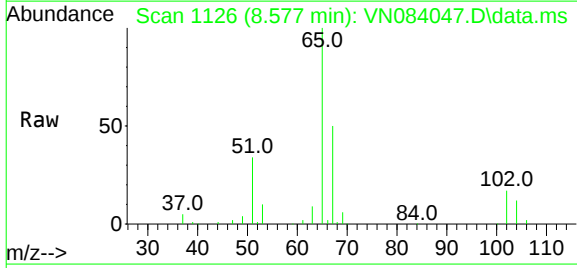


#33
 1,2-Dichloroethane-d4
 Concen: 53.155 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912

Tgt Ion: 65 Resp: 116368

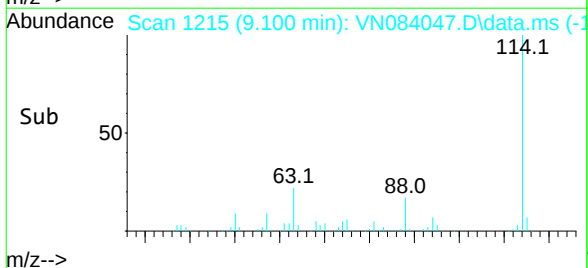
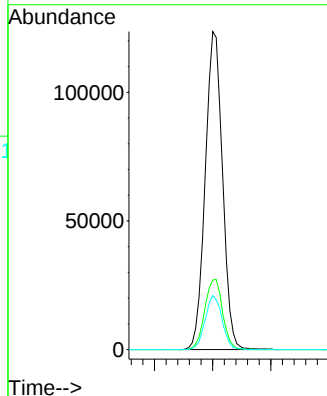
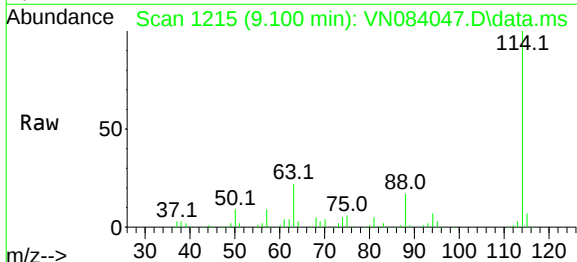
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	100.8

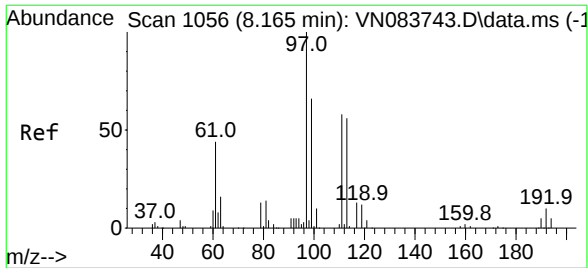


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

Tgt Ion: 114 Resp: 254907

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.4
88	17.0	0.0	32.6

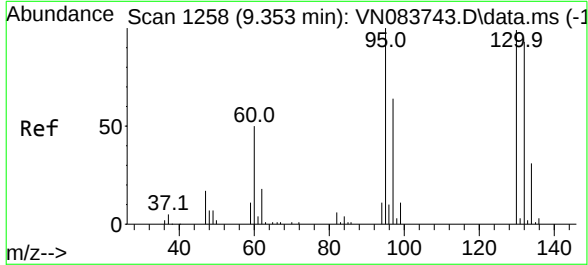
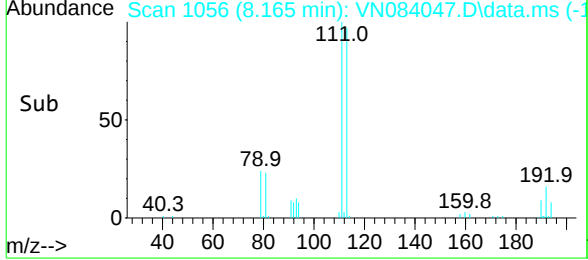
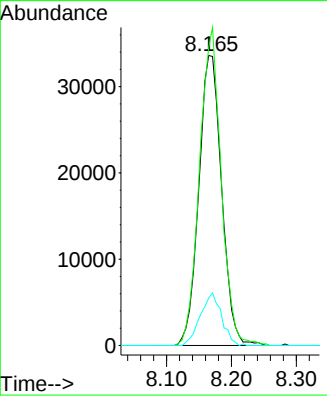
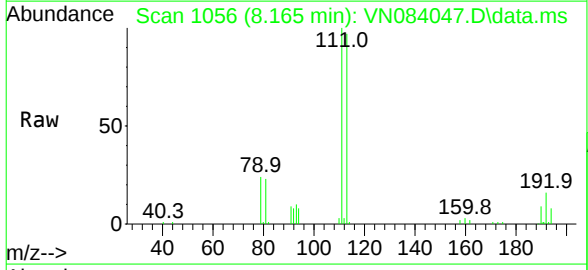




#35
 Dibromofluoromethane
 Concen: 50.368 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

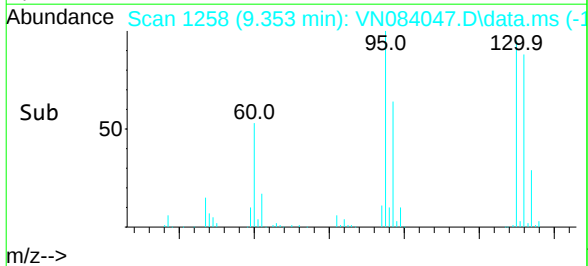
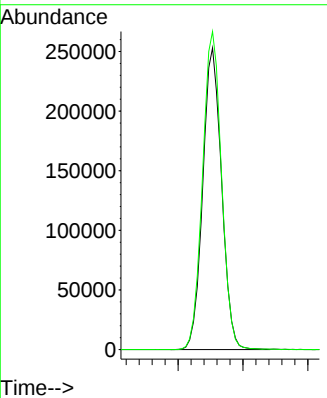
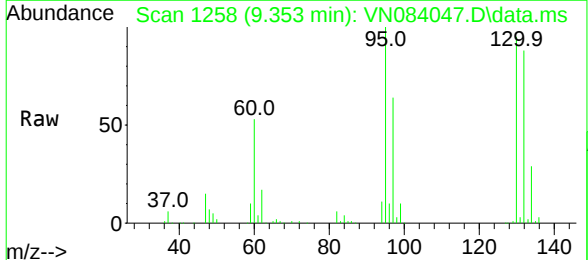
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912

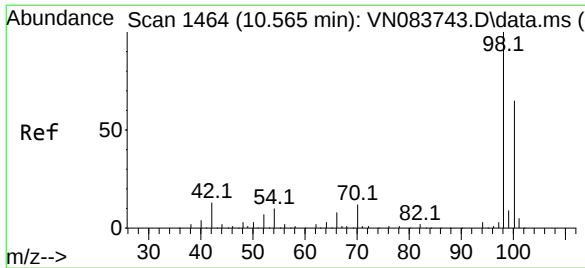
Tgt Ion:	113	Resp:	82194
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.6	124.0
192	16.9	14.3	21.5



#44
 Trichloroethene
 Concen: 297.555 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.000 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

Tgt Ion:	130	Resp:	509414
Ion Ratio	Lower	Upper	
130	100		
95	105.4	0.0	200.4





#50

Toluene-d8

Concen: 54.374 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

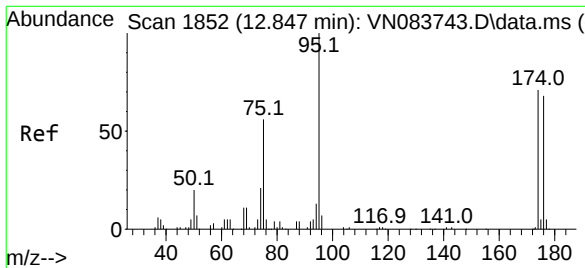
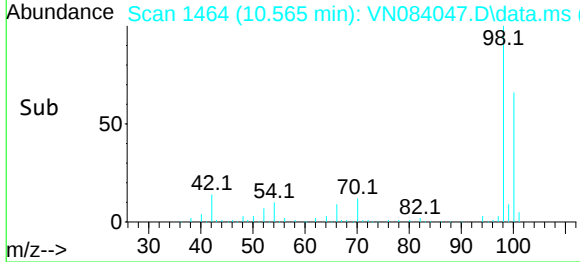
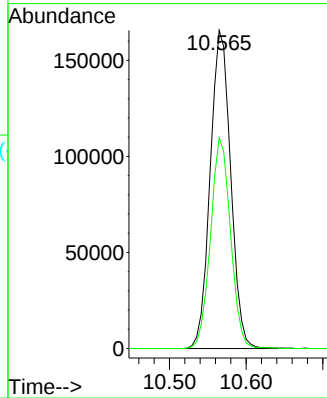
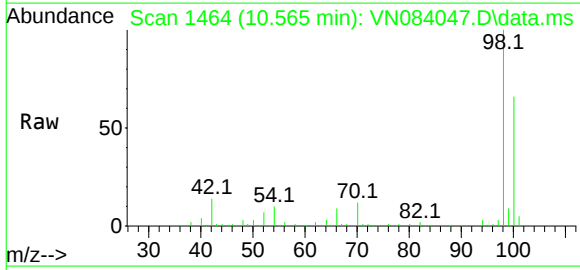
RE103D2-20240912

Tgt Ion: 98 Resp: 306749

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.169 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

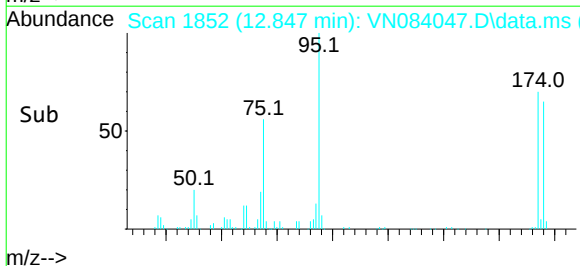
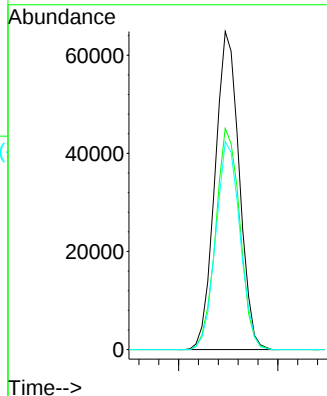
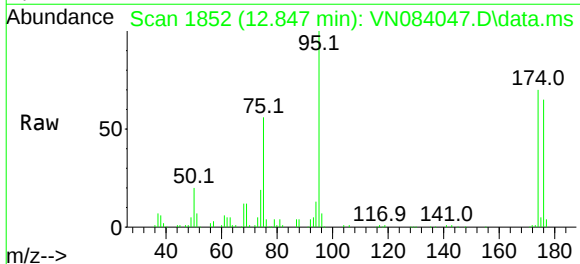
Tgt Ion: 95 Resp: 109787

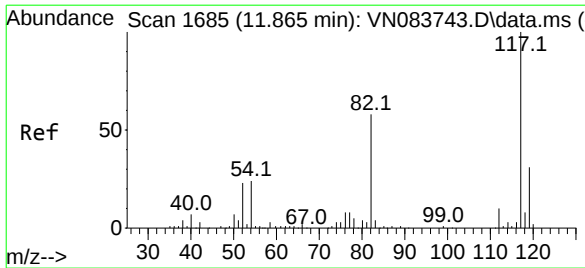
Ion Ratio Lower Upper

95 100

174 69.3 0.0 139.8

176 65.6 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: VN084047.D

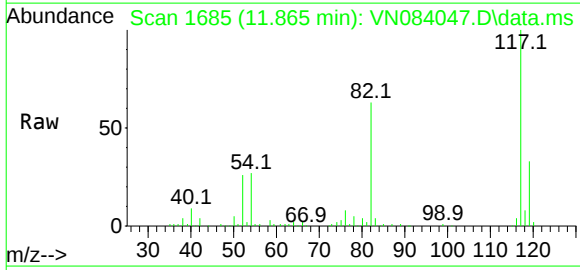
Acq: 19 Sep 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20240912



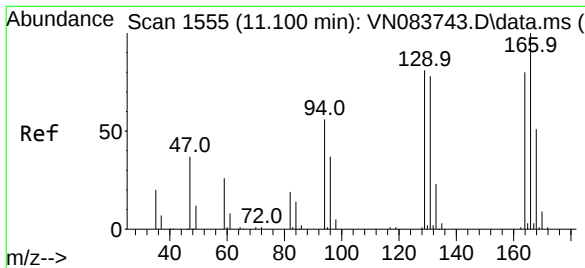
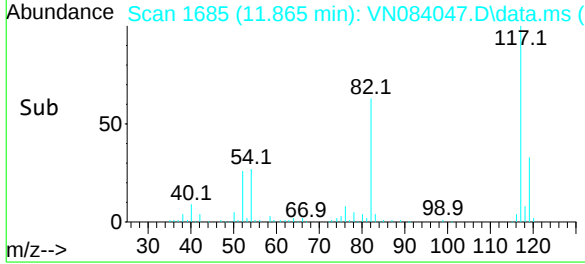
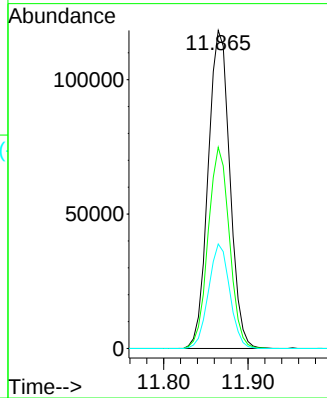
Tgt Ion:117 Resp: 211681

Ion Ratio Lower Upper

117 100

82 63.3 47.4 71.0

119 32.9 26.3 39.5



#64

Tetrachloroethene

Concen: 1.260 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

Tgt Ion:164 Resp: 1774

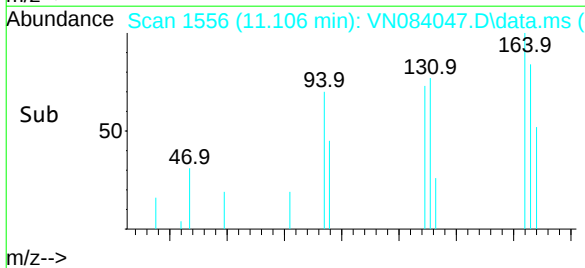
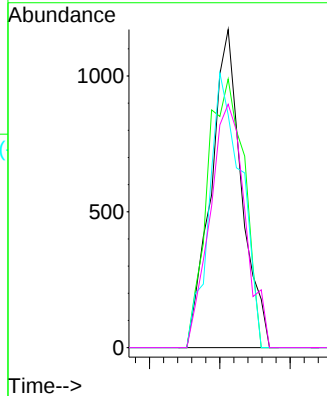
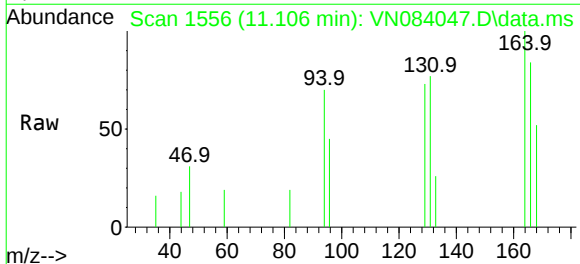
Ion Ratio Lower Upper

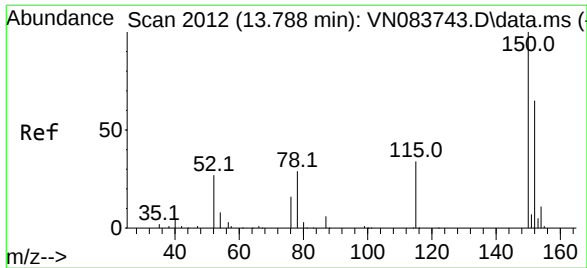
164 100

166 84.5 103.7 155.5#

129 73.2 79.9 119.9#

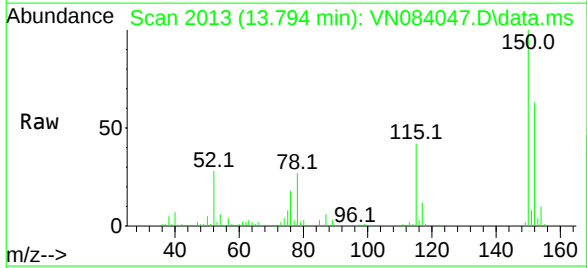
131 76.5 78.4 117.6#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912



Tgt Ion:	152	Resp:	88818
Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.2	96.6
150	156.2	0.0	348.6

