

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085513.D
 Acq On : 21 Jan 2025 13:41
 Operator : JC\MD
 Sample : Q1140-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-F06078

Quant Time: Jan 22 00:40:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

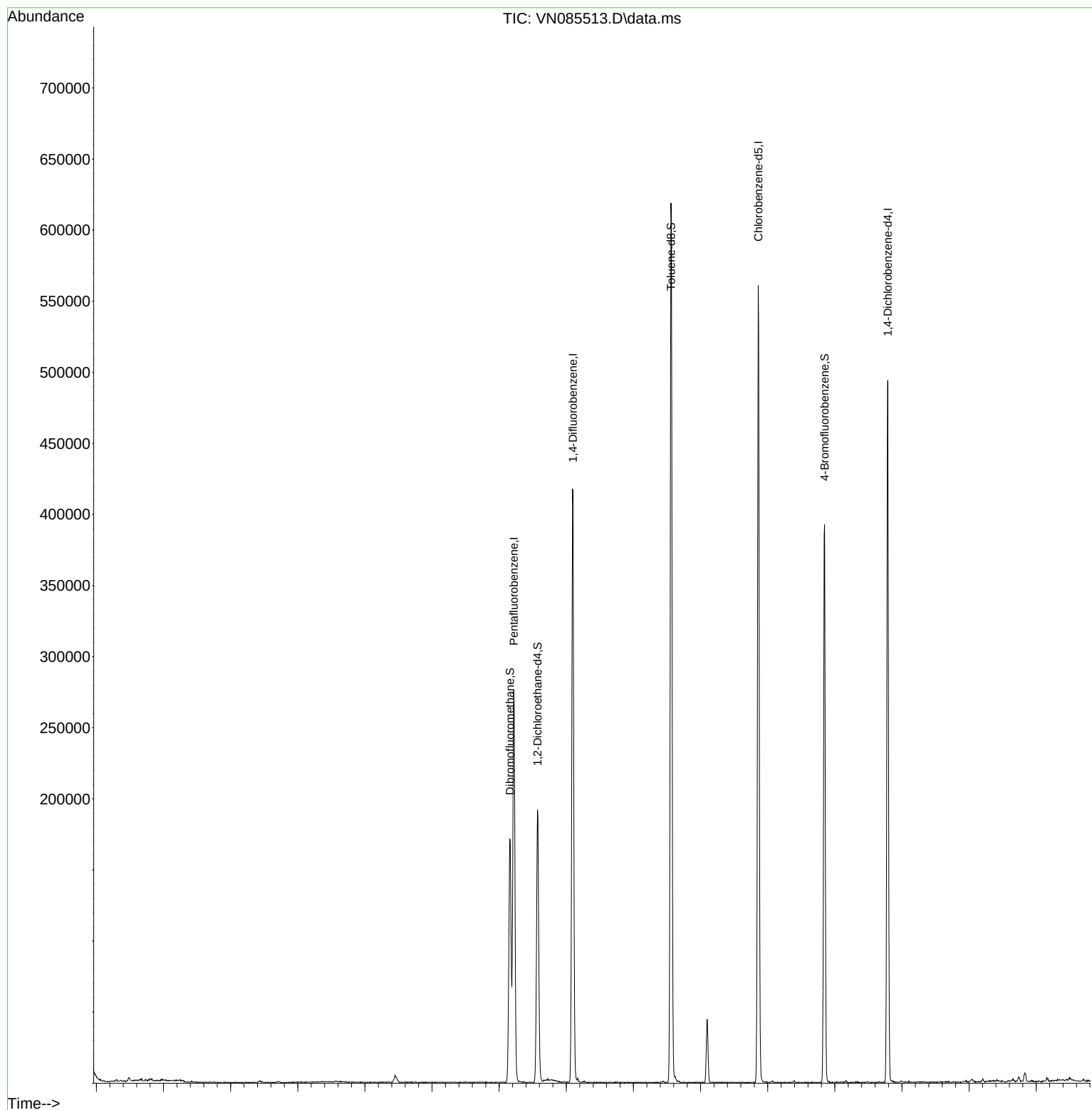
Internal Standards						
1) Pentafluorobenzene	8.218	168	184150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	302018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	163625	55.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.100%			
35) Dibromofluoromethane	8.159	113	122118	51.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	10.559	98	419652	50.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.847	95	131894	46.039	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.080%			
Target Compounds						
16) Acetone	4.430	43	2347	2.444	ug/l	98
64) Tetrachloroethene	11.100	164	9914	4.815	ug/l	90

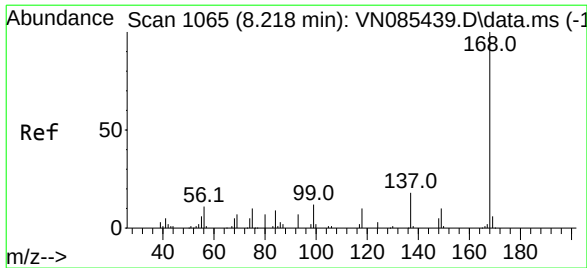
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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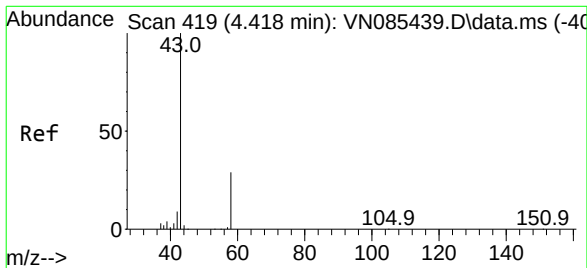
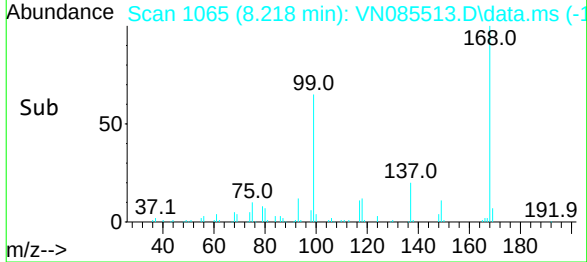
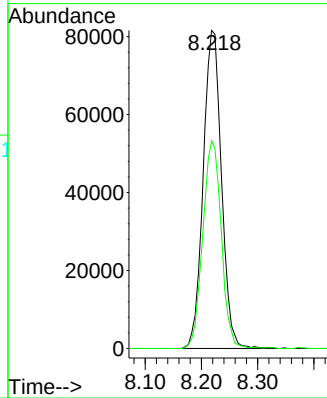
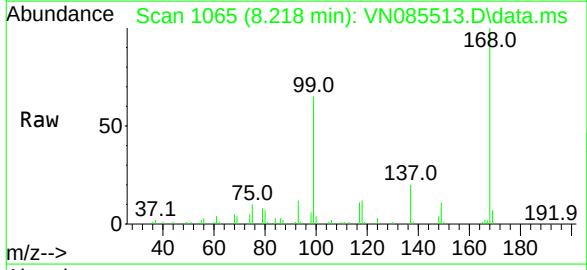




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

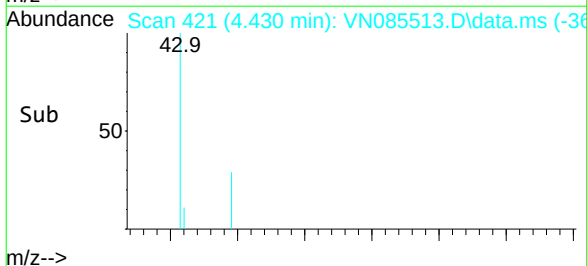
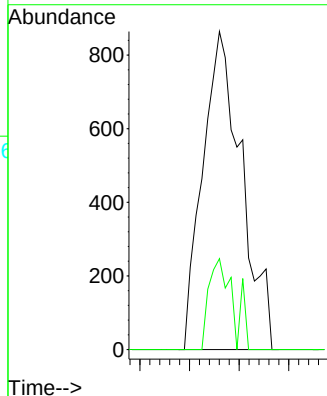
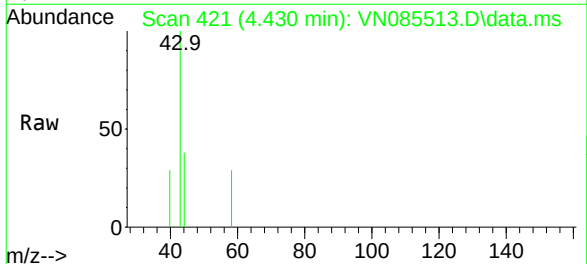
Instrument :
MSVOA_N
ClientSampleId :
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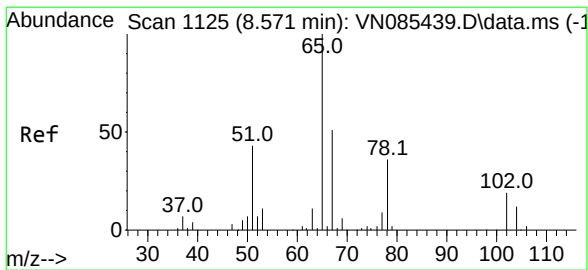
Tgt Ion:168 Resp: 184150
Ion Ratio Lower Upper
168 100
99 65.2 53.6 80.4



#16
Acetone
Concen: 2.444 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion: 43 Resp: 2347
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.6

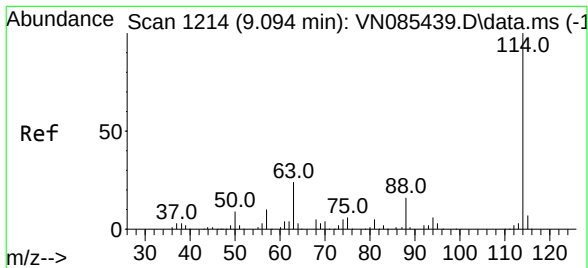
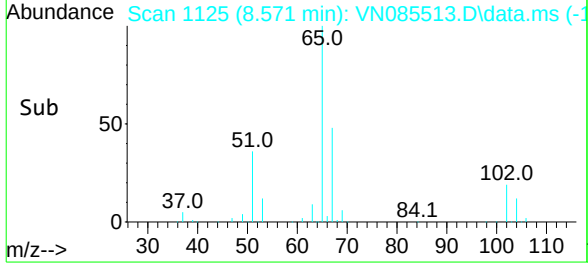
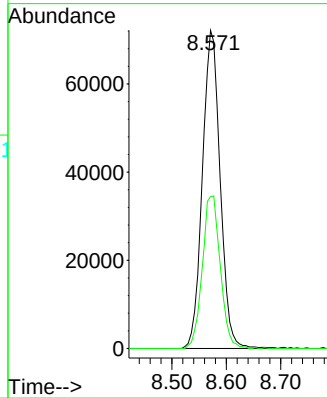
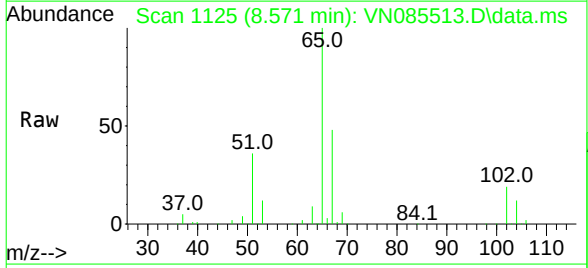




#33
1,2-Dichloroethane-d4
Concen: 55.045 ug/l
RT: 8.571 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

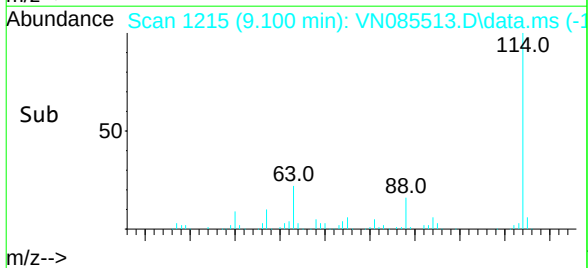
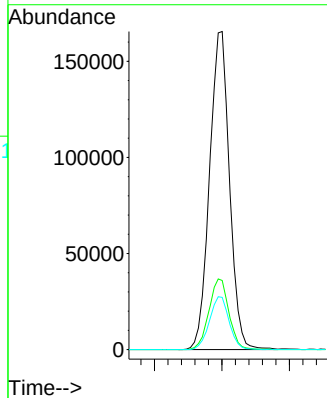
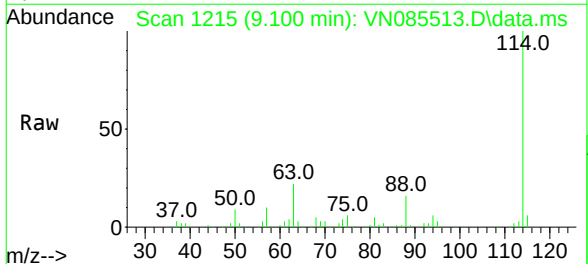
Instrument :
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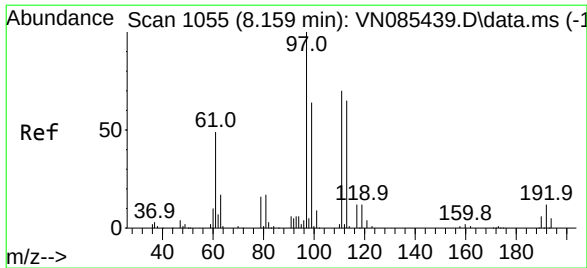
Tgt Ion: 65 Resp: 163625
Ion Ratio Lower Upper
65 100
67 48.5 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion: 114 Resp: 339765
Ion Ratio Lower Upper
114 100
63 21.7 0.0 47.6
88 16.4 0.0 32.6

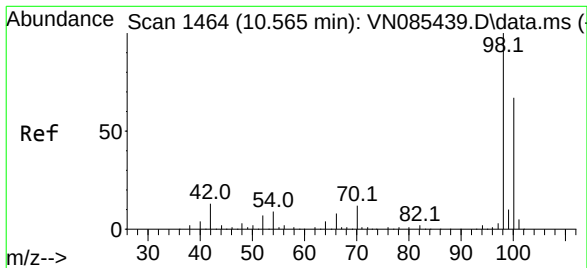
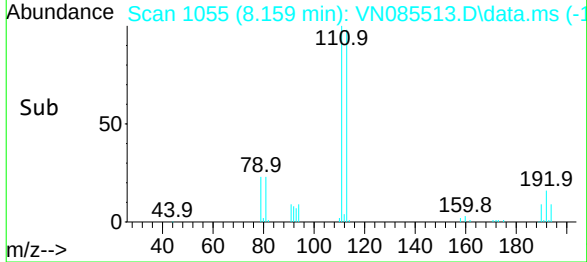
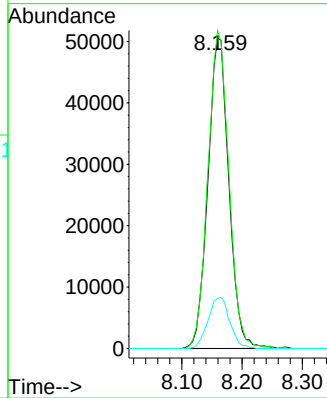
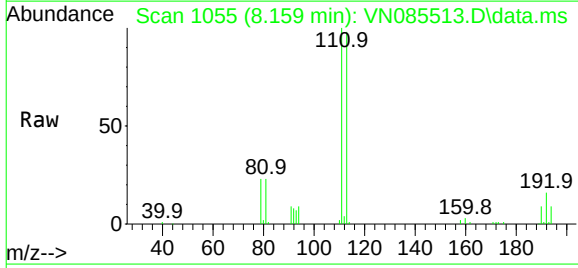




#35
Dibromofluoromethane
Concen: 51.808 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

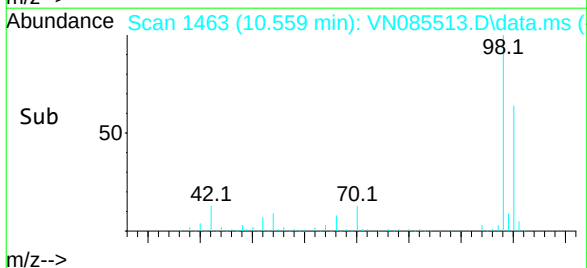
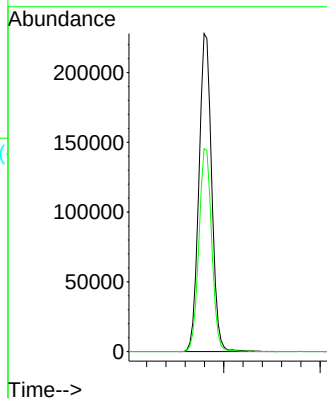
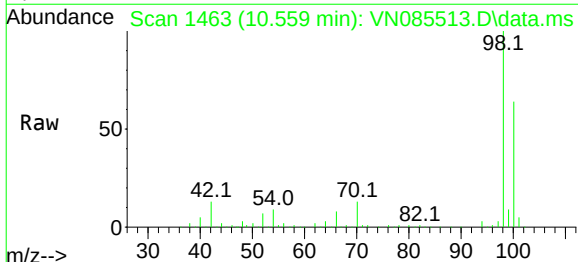
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-F06078

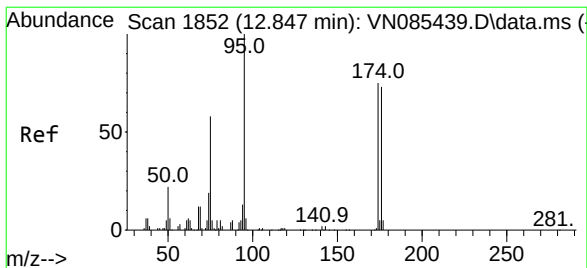
Tgt Ion: 113 Resp: 122118
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 17.1 14.3 21.5



#50
Toluene-d8
Concen: 50.109 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion: 98 Resp: 419652
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 46.039 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085513.D

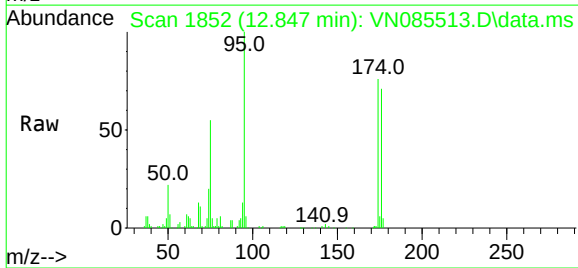
Acq: 21 Jan 2025 13:41

Instrument :

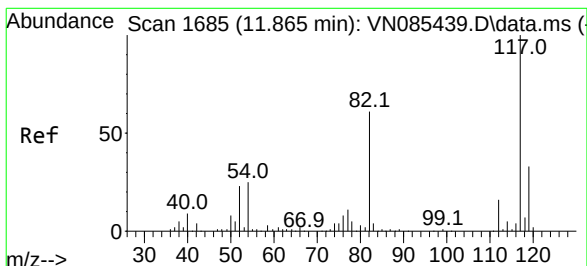
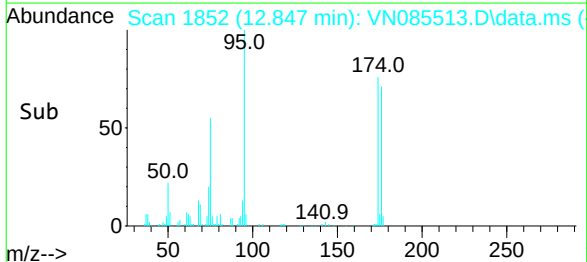
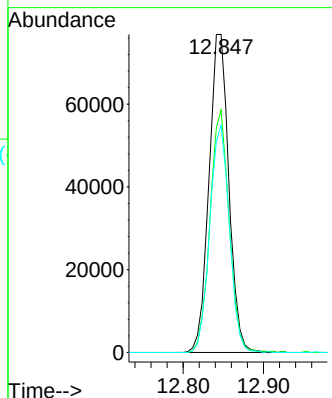
MSVOA_N

ClientSampleId :

FRAC-TANK-F06078



Tgt Ion:	95	Resp:	131894
Ion Ratio	Lower	Upper	
95	100		
174	73.9	0.0	145.0
176	70.4	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

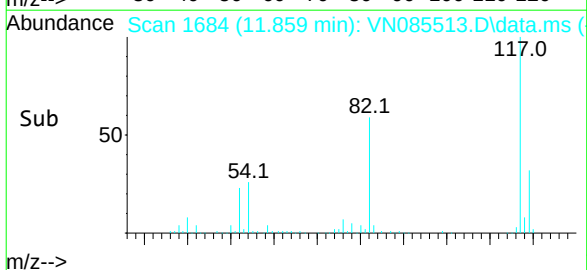
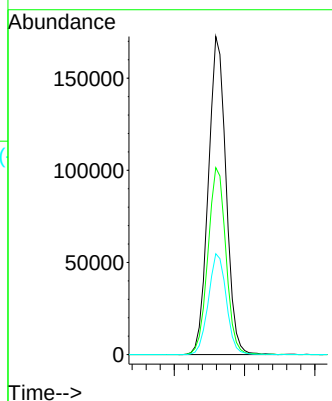
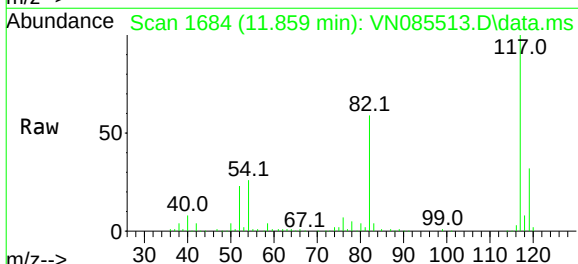
RT: 11.859 min Scan# 1684

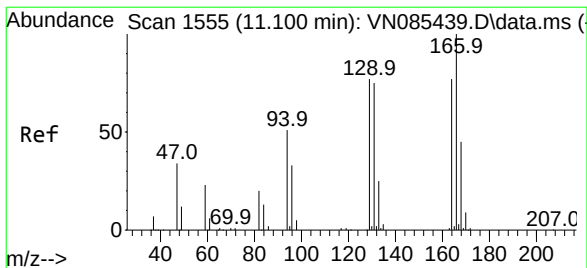
Delta R.T. -0.006 min

Lab File: VN085513.D

Acq: 21 Jan 2025 13:41

Tgt Ion:	117	Resp:	302018
Ion Ratio	Lower	Upper	
117	100		
82	58.8	48.6	72.8
119	31.7	26.6	39.8





#64

Tetrachloroethene

Concen: 4.815 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN085513.D

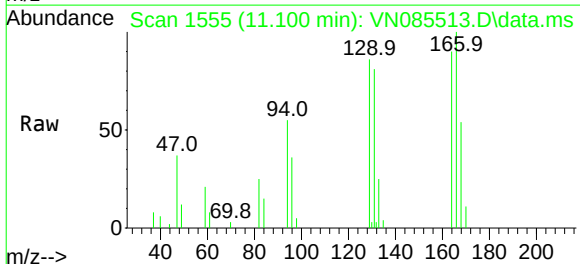
Acq: 21 Jan 2025 13:41

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-F06078



Tgt Ion:164 Resp: 9914

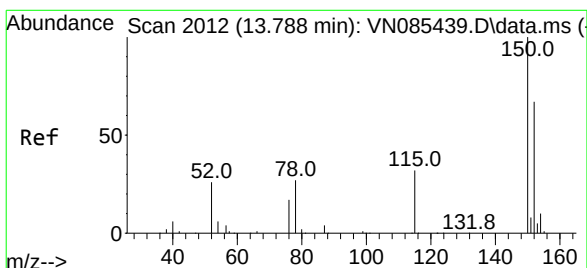
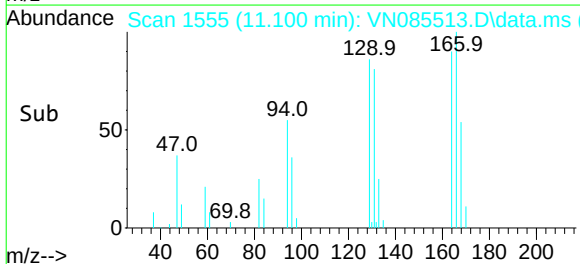
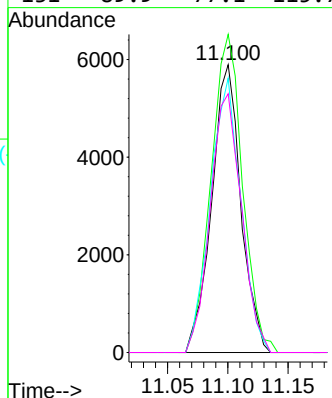
Ion Ratio Lower Upper

164 100

166 110.5 103.4 155.2

129 95.3 79.2 118.8

131 89.9 77.1 115.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085513.D

Acq: 21 Jan 2025 13:41

Tgt Ion:152 Resp: 127375

Ion Ratio Lower Upper

152 100

115 61.7 31.1 93.3

150 156.8 0.0 343.6

