

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086083.D
 Acq On : 24 Mar 2025 19:37
 Operator : JC\MD
 Sample : Q1625-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-A1291

Quant Time: Mar 25 01:31:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

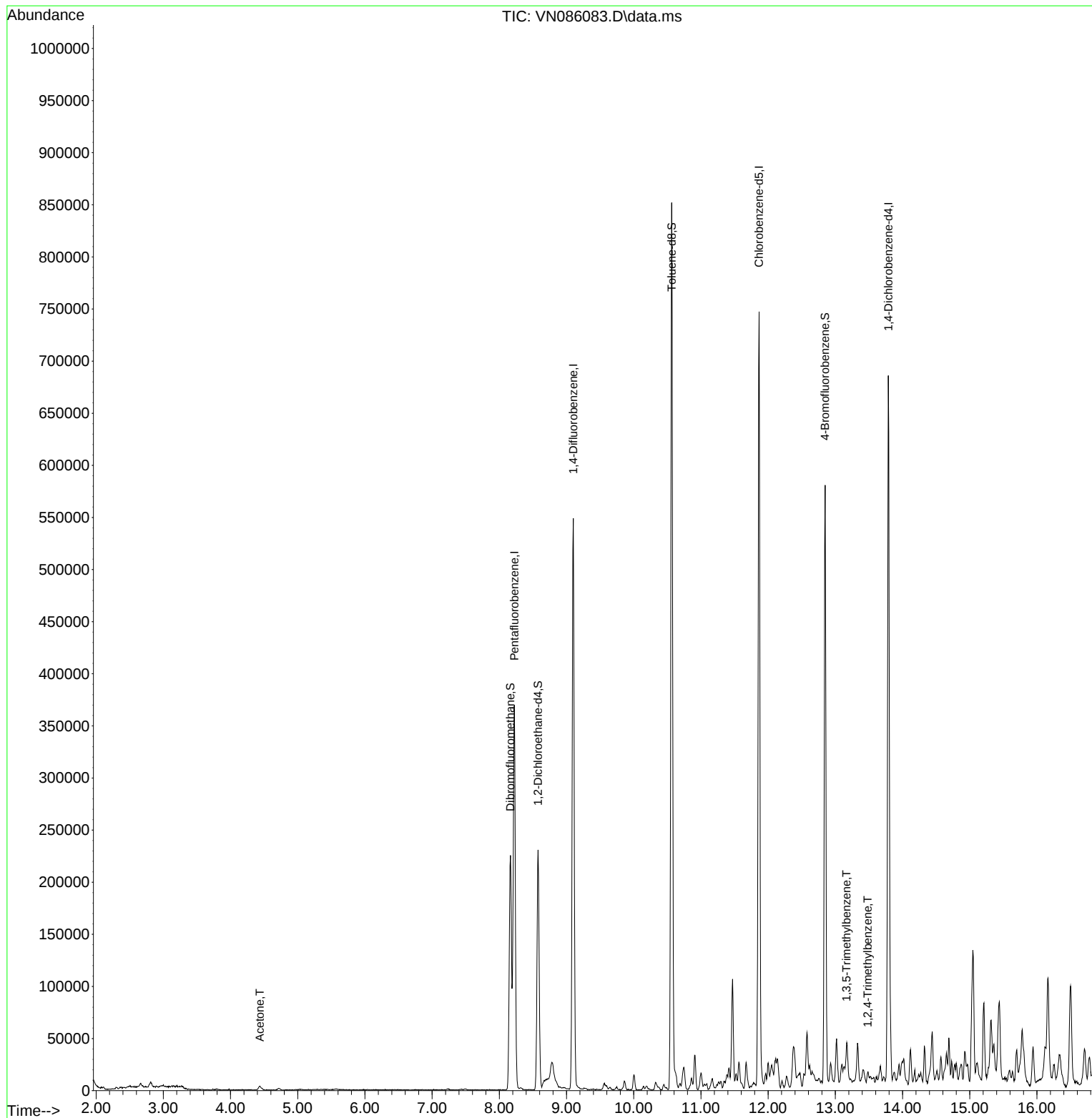
Internal Standards						
1) Pentafluorobenzene	8.224	168	269687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	493698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	443203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	191972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	188341	51.000	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.000%		
35) Dibromofluoromethane	8.165	113	167304	48.551	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.100%		
50) Toluene-d8	10.565	98	583979	46.694	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.380%		
62) 4-Bromofluorobenzene	12.847	95	206056	46.199	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.400%		
Target Compounds						Qvalue
16) Acetone	4.436	43	7574	6.713	ug/l	92
80) 1,3,5-Trimethylbenzene	13.165	105	10540	0.952	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	6458	0.578	ug/l	99

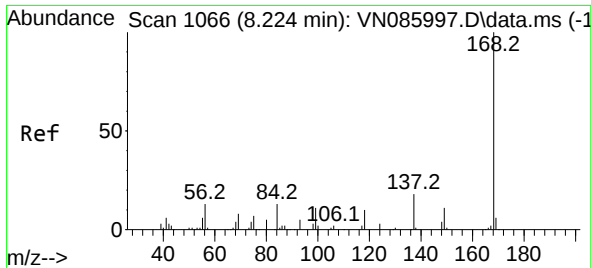
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
Data File : VN086083.D
Acq On : 24 Mar 2025 19:37
Operator : JC\MD
Sample : Q1625-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-A1291

Quant Time: Mar 25 01:31:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

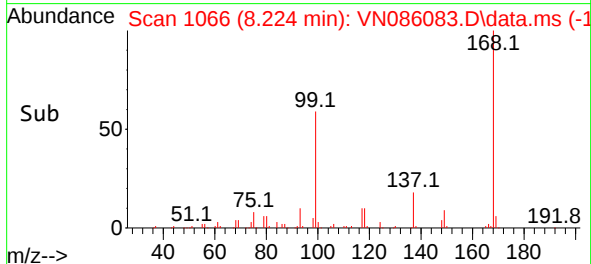
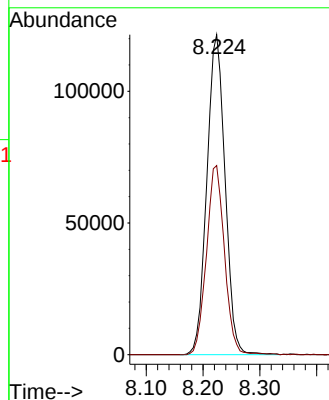
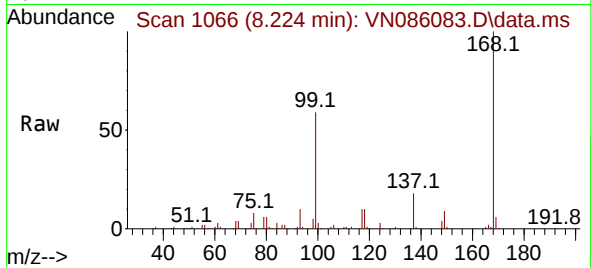




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086083.D
Acq: 24 Mar 2025 19:37

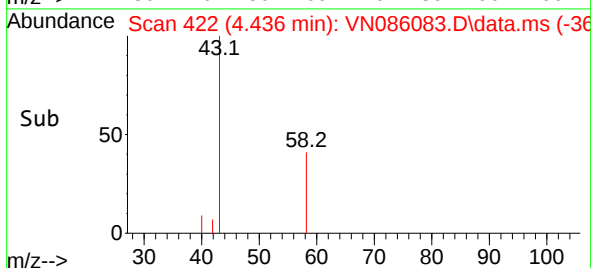
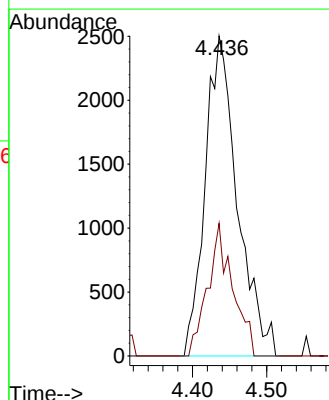
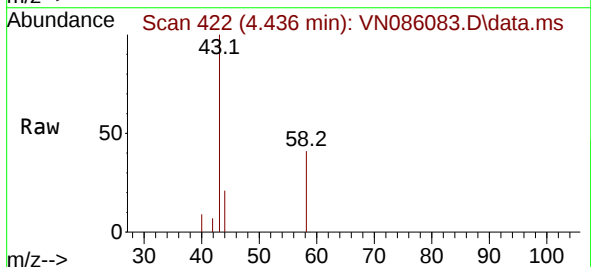
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-A1291

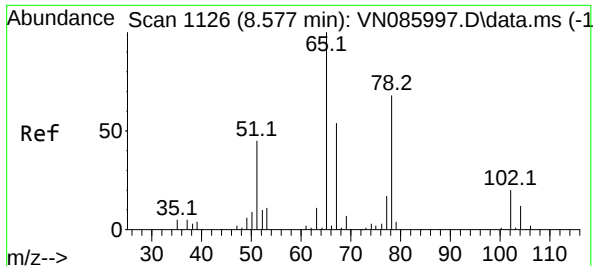
Tgt Ion:168 Resp: 269687
Ion Ratio Lower Upper
168 100
99 59.1 49.4 74.2



#16
Acetone
Concen: 6.713 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086083.D
Acq: 24 Mar 2025 19:37

Tgt Ion: 43 Resp: 7574
Ion Ratio Lower Upper
43 100
58 41.5 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 51.000 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086083.D

Acq: 24 Mar 2025 19:37

Instrument :

MSVOA_N

ClientSampleId :

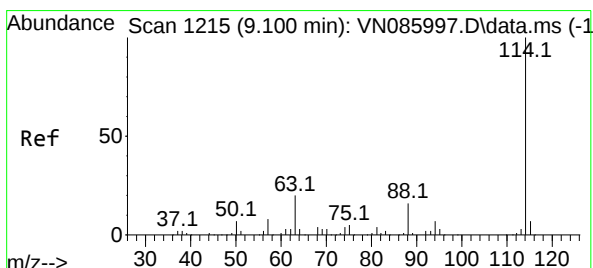
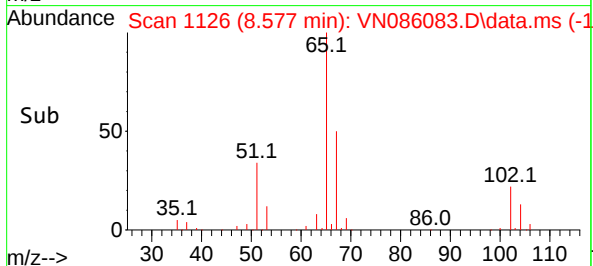
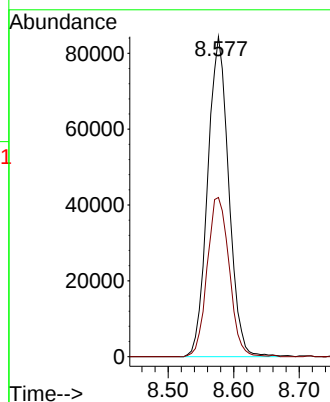
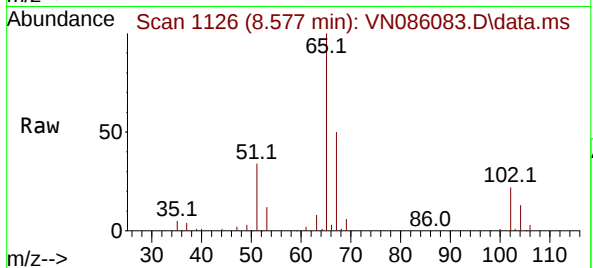
FRAC-TANK-A1291

Tgt Ion: 65 Resp: 188341

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086083.D

Acq: 24 Mar 2025 19:37

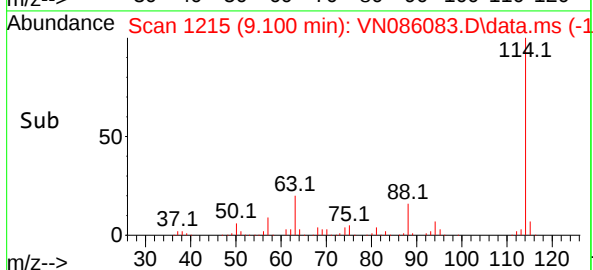
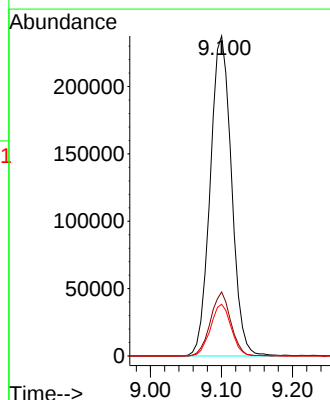
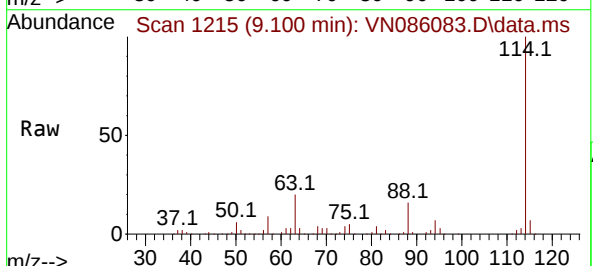
Tgt Ion: 114 Resp: 493698

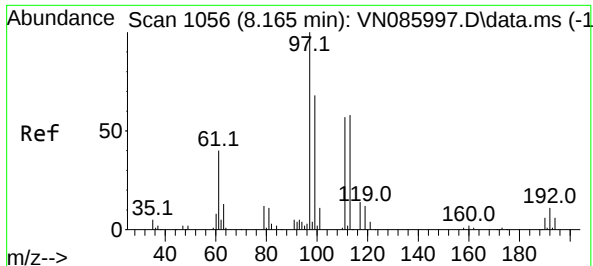
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.551 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086083.D

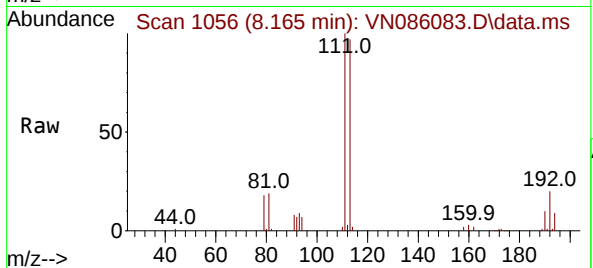
Acq: 24 Mar 2025 19:37

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-A1291



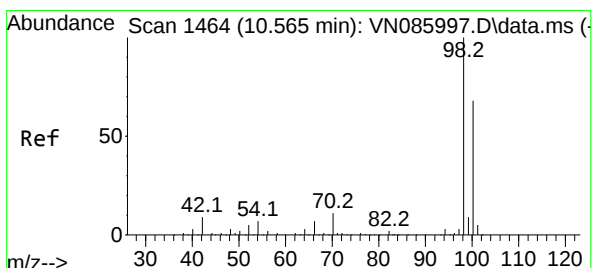
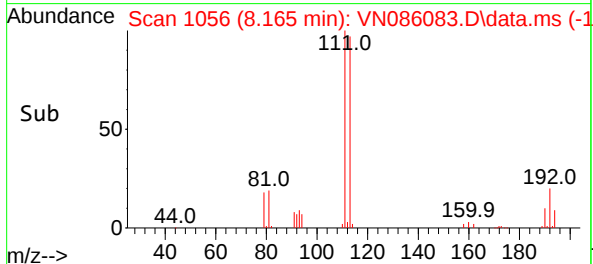
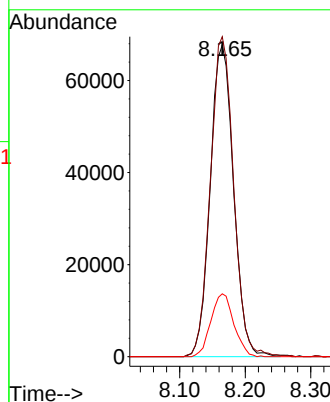
Tgt Ion:113 Resp: 167304

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 19.8 15.9 23.9



#50

Toluene-d8

Concen: 46.694 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086083.D

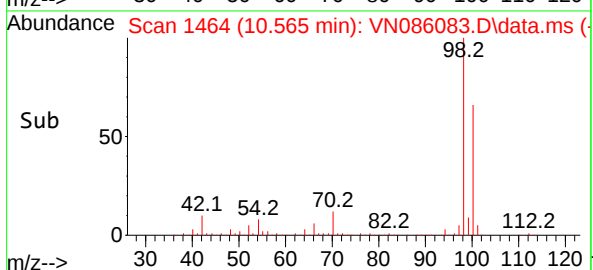
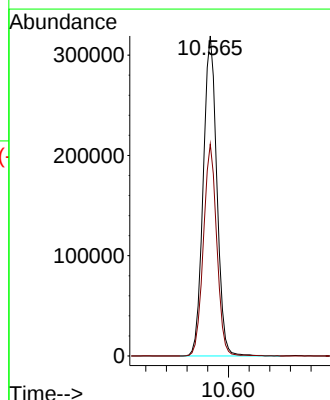
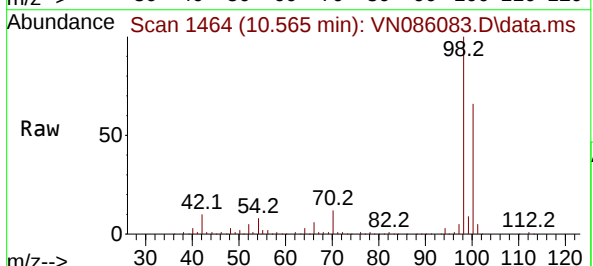
Acq: 24 Mar 2025 19:37

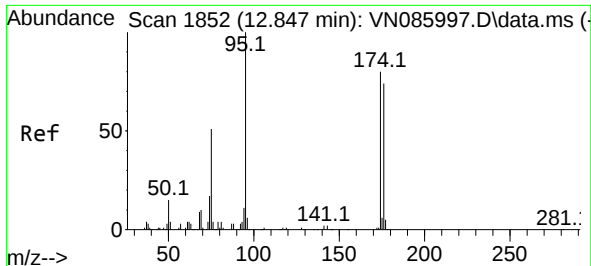
Tgt Ion: 98 Resp: 583979

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7

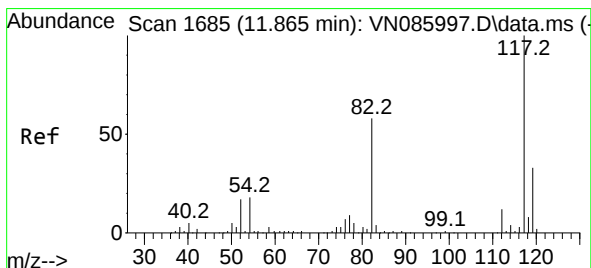
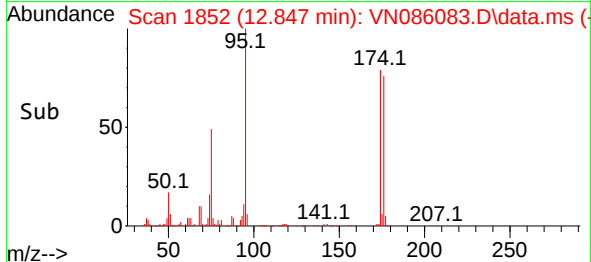
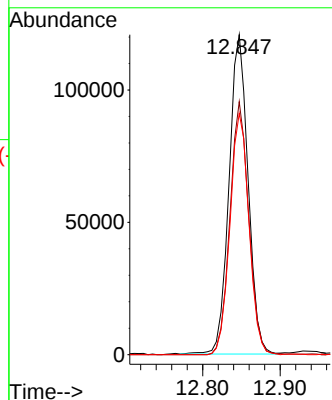
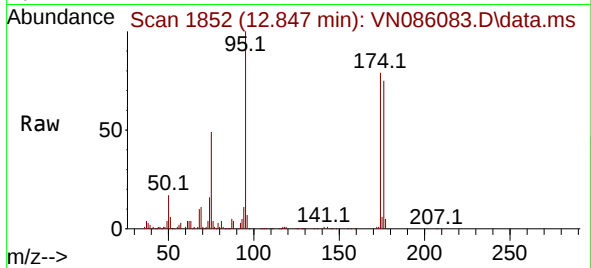




#62
4-Bromofluorobenzene
Concen: 46.199 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086083.D
Acq: 24 Mar 2025 19:37

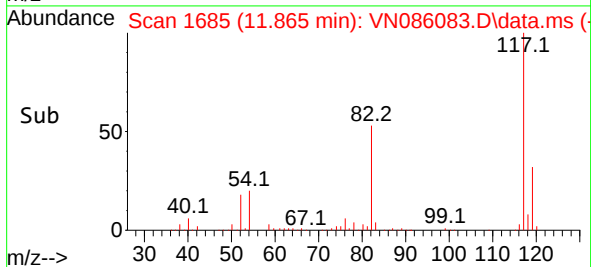
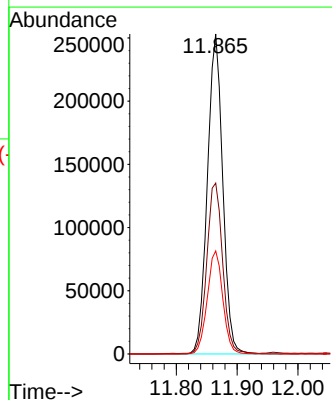
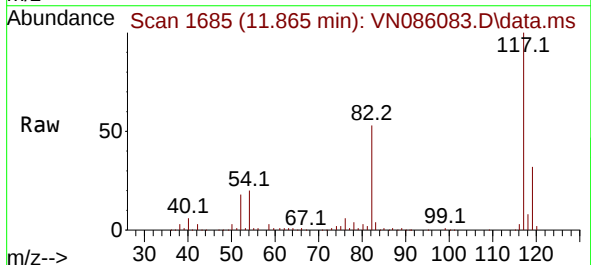
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-A1291

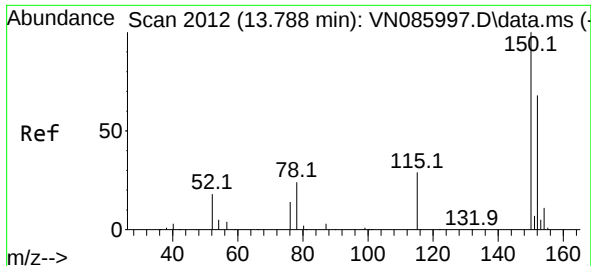
Tgt Ion: 95 Resp: 206056
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.8
176 75.3 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086083.D
Acq: 24 Mar 2025 19:37

Tgt Ion: 117 Resp: 443203
Ion Ratio Lower Upper
117 100
82 53.3 46.7 70.1
119 32.2 26.5 39.7

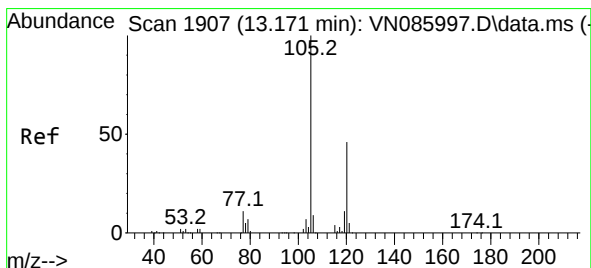
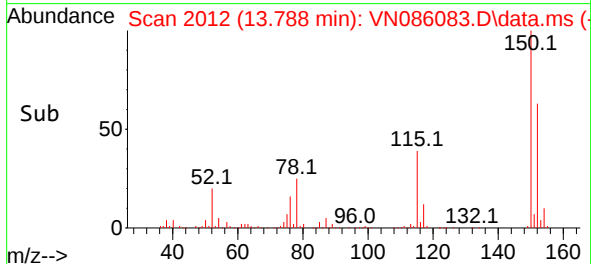
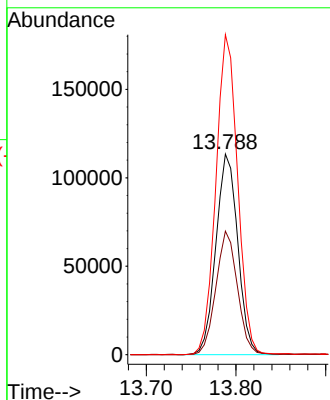
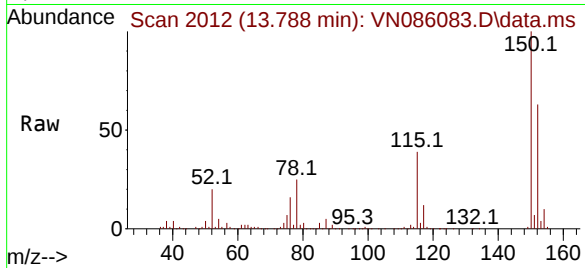




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086083.D
Acq: 24 Mar 2025 19:37

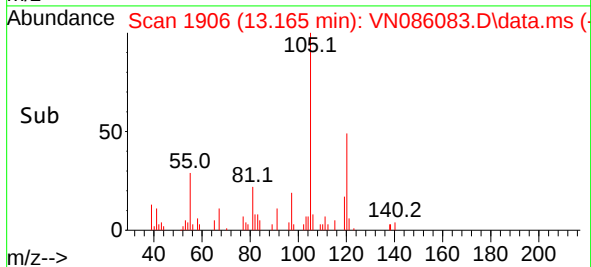
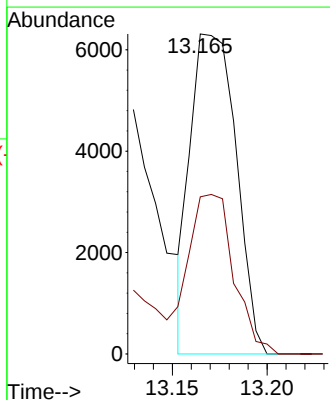
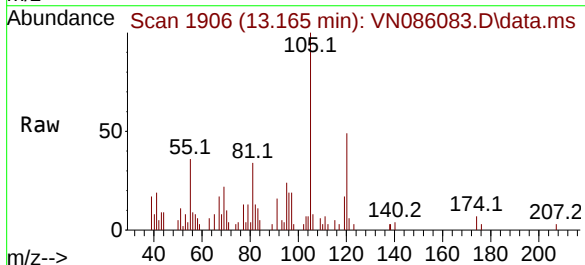
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-A1291

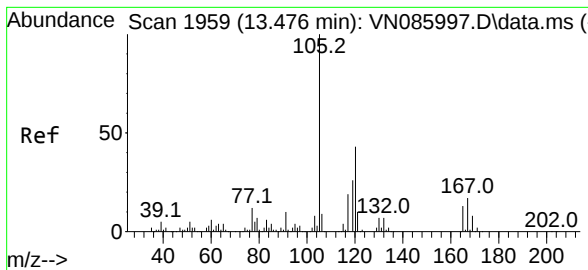
Tgt Ion:152 Resp: 191972
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.2
150 158.8 0.0 359.6



#80
1,3,5-Trimethylbenzene
Concen: 0.952 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN086083.D
Acq: 24 Mar 2025 19:37

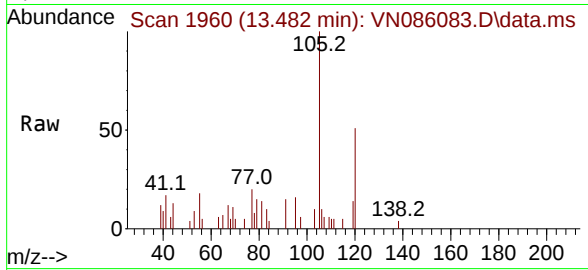
Tgt Ion:105 Resp: 10540
Ion Ratio Lower Upper
105 100
120 50.5 23.7 71.1





#84
 1,2,4-Trimethylbenzene
 Concen: 0.578 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086083.D
 Acq: 24 Mar 2025 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-A1291



Tgt Ion:	105	Resp:	6458
Ion Ratio	Lower	Upper	
105	100		
120	44.2	21.9	65.8

