

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086021.D
 Acq On : 19 Mar 2025 20:03
 Operator : JC\MD
 Sample : Q1604-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-N45878

Quant Time: Mar 20 01:38:20 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)

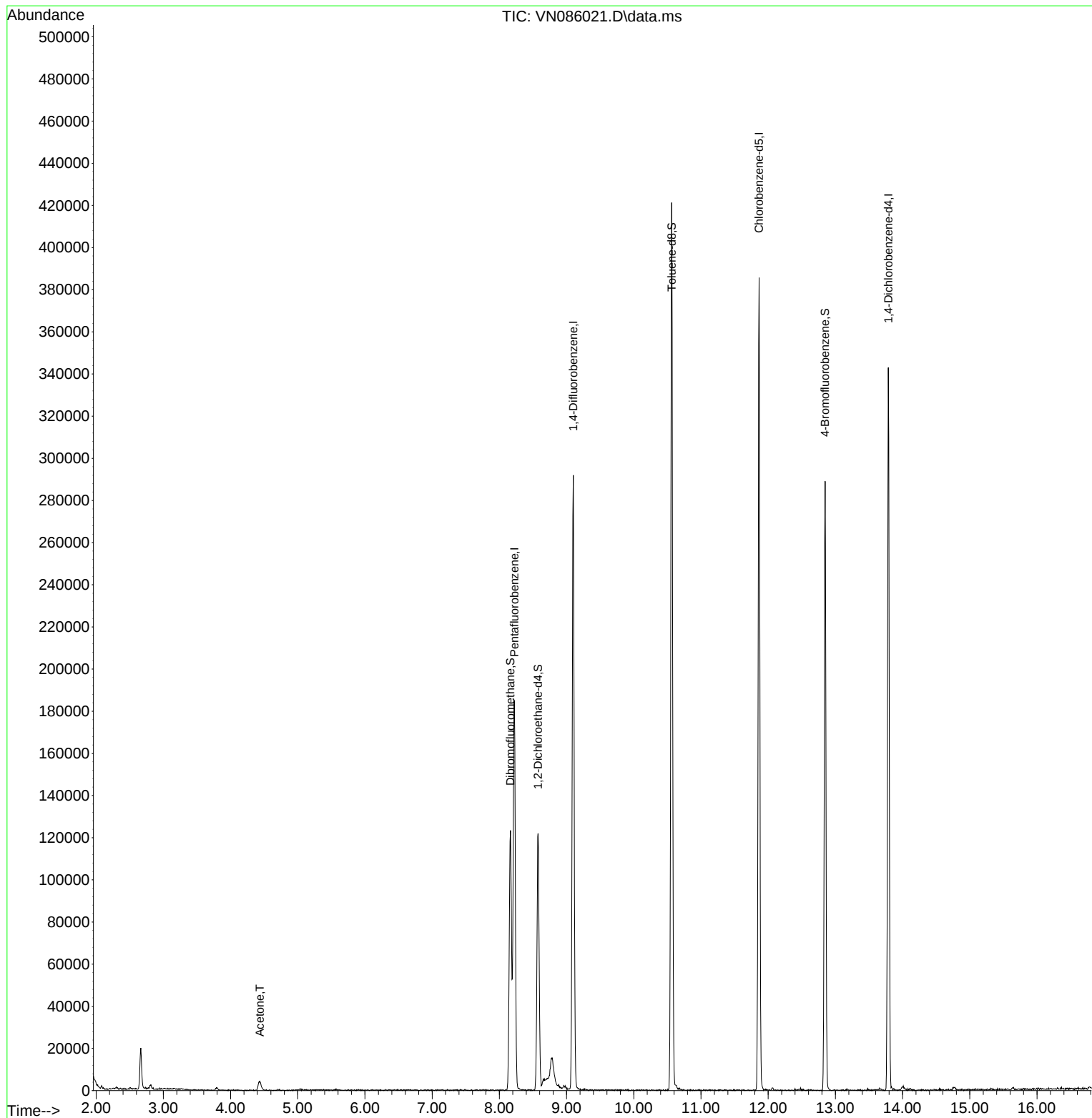
Internal Standards						
1) Pentafluorobenzene	8.224	168	136693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105468	56.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.700%
35) Dibromofluoromethane	8.165	113	89064	51.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	10.565	98	299005	47.398	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.847	95	102473	45.548	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.100%
Target Compounds						
16) Acetone	4.436	43	9205	16.097	ug/l	Qvalue 93

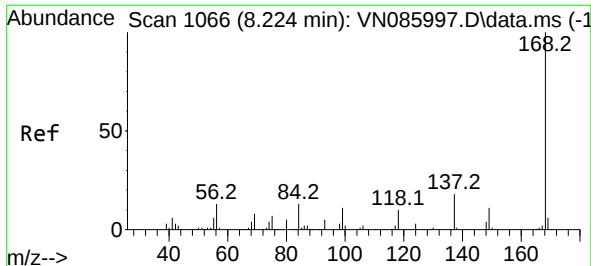
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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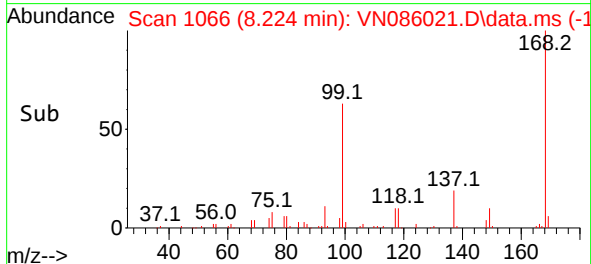
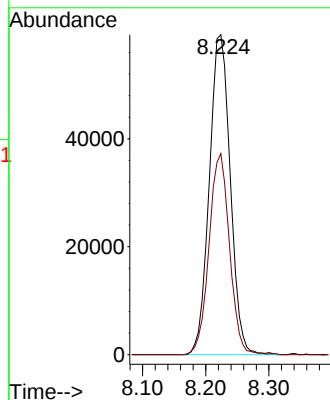
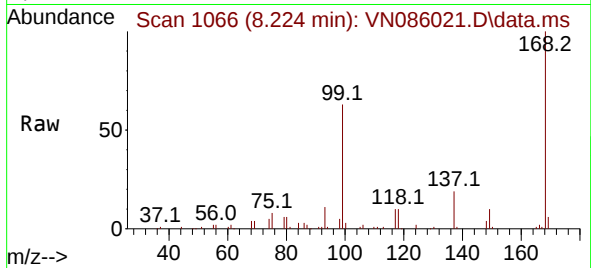




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086021.D
Acq: 19 Mar 2025 20:03

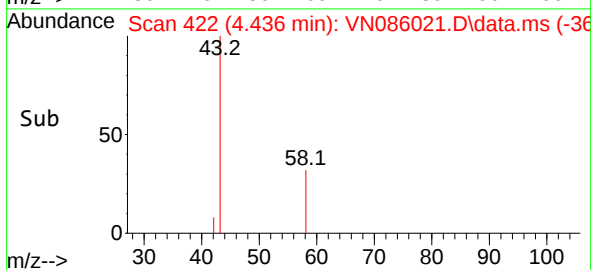
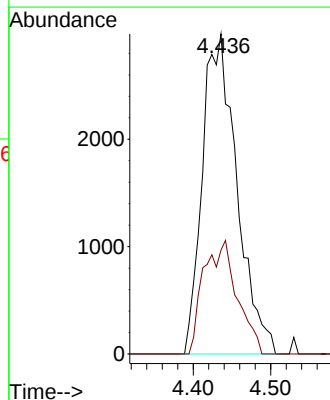
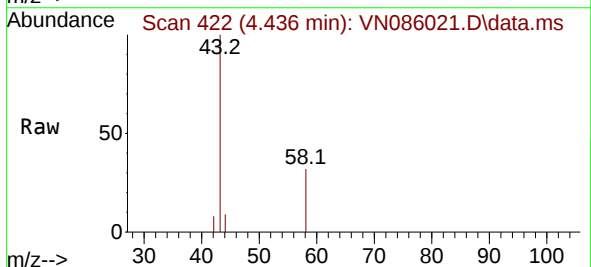
Instrument :
MSVOA_N
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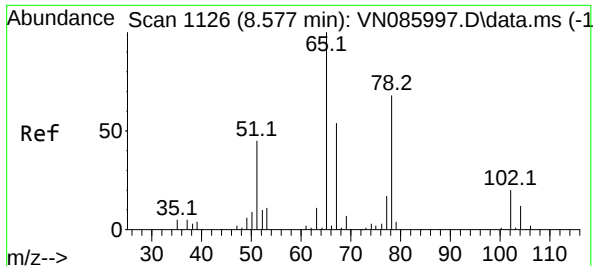
Tgt Ion:168 Resp: 136693
Ion Ratio Lower Upper
168 100
99 62.8 49.4 74.2



#16
Acetone
Concen: 16.097 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086021.D
Acq: 19 Mar 2025 20:03

Tgt Ion: 43 Resp: 9205
Ion Ratio Lower Upper
43 100
58 32.4 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 56.346 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086021.D

Acq: 19 Mar 2025 20:03

Instrument :

MSVOA_N

ClientSampleId :

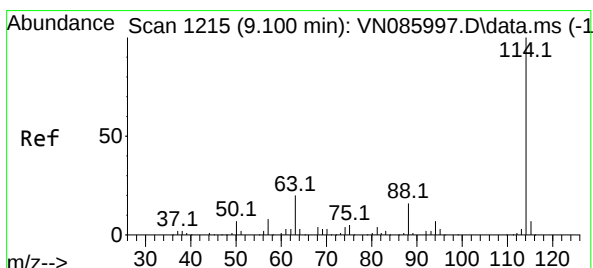
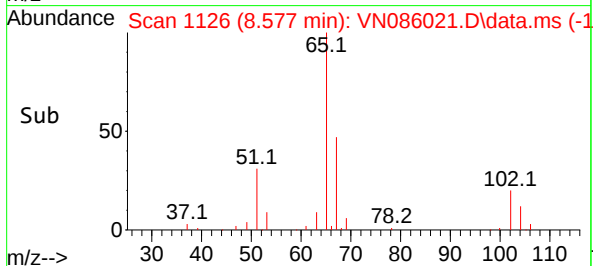
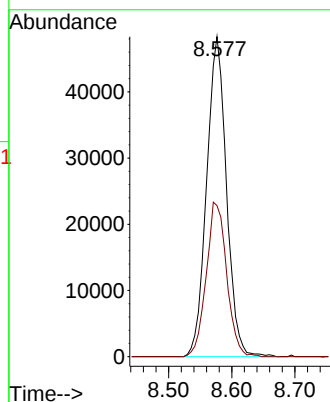
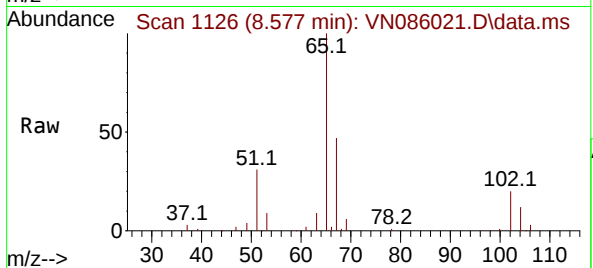
FRAC-TANK-N45878

Tgt Ion: 65 Resp: 105468

Ion Ratio Lower Upper

65 100

67 49.8 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: VN086021.D

Acq: 19 Mar 2025 20:03

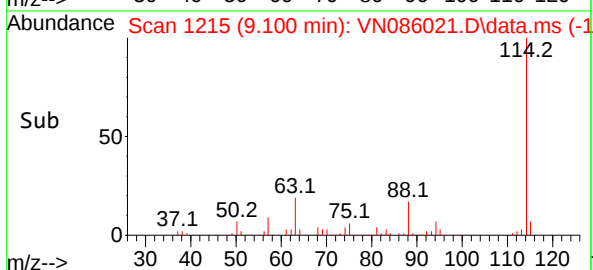
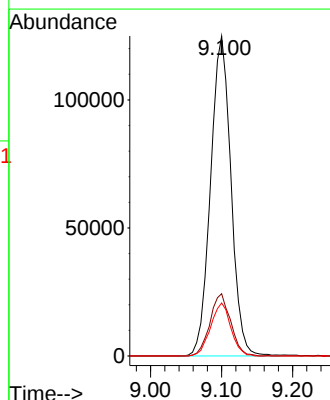
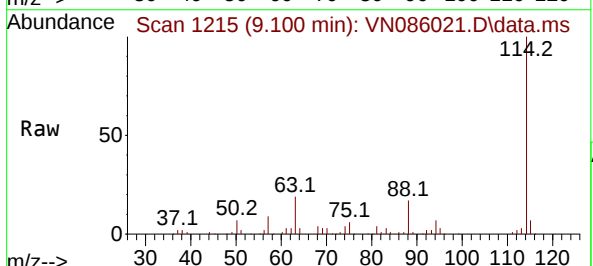
Tgt Ion: 114 Resp: 249028

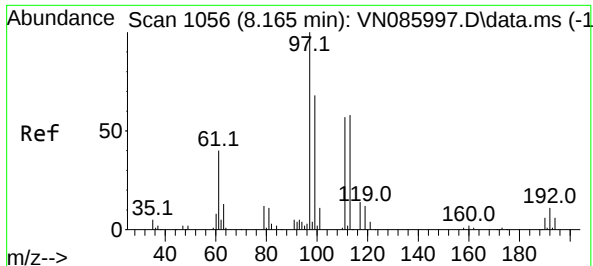
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 16.6 0.0 32.6

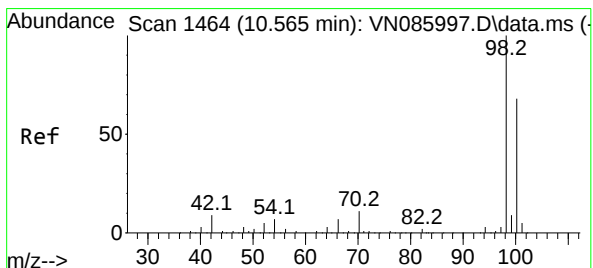
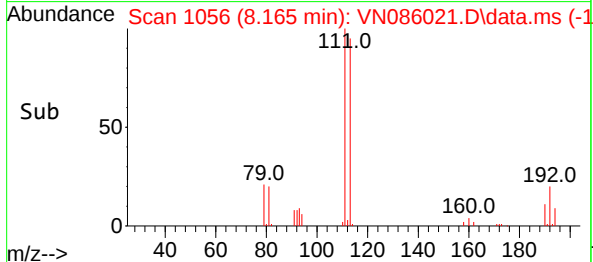
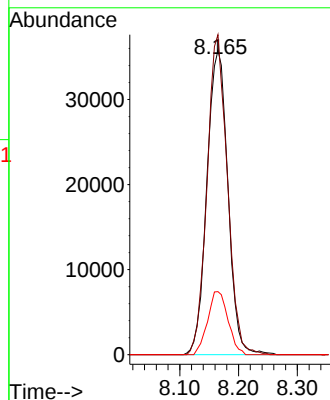
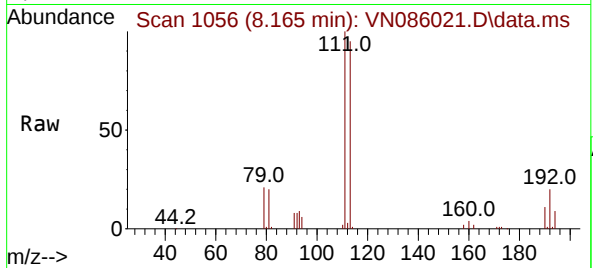




#35
Dibromofluoromethane
Concen: 51.240 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086021.D
Acq: 19 Mar 2025 20:03

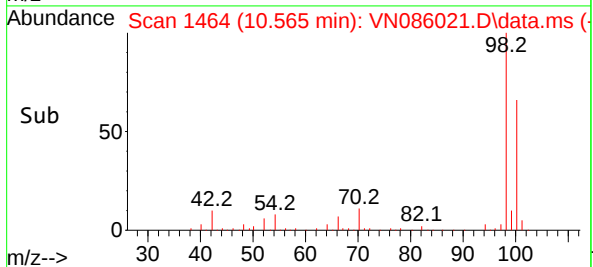
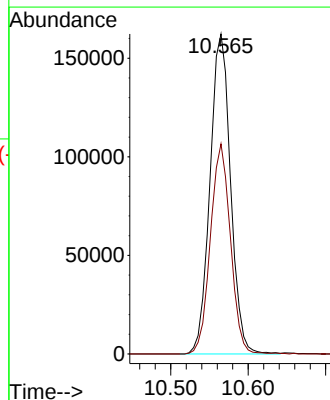
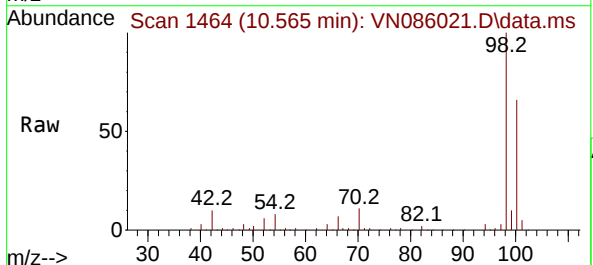
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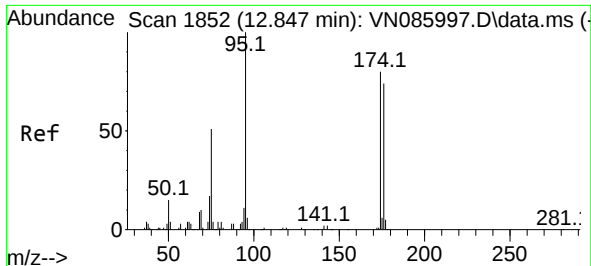
Tgt Ion:113 Resp: 89064
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 20.1 15.9 23.9



#50
Toluene-d8
Concen: 47.398 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086021.D
Acq: 19 Mar 2025 20:03

Tgt Ion: 98 Resp: 299005
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

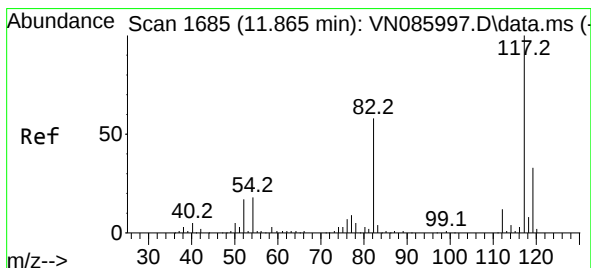
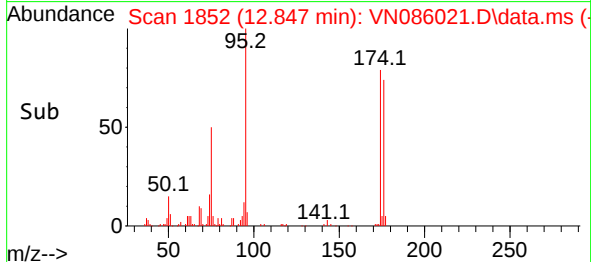
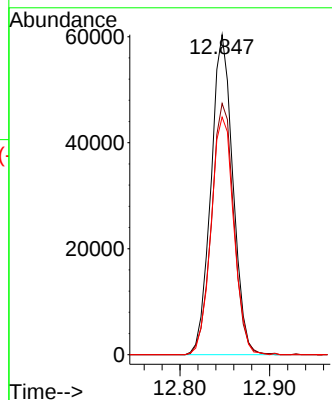
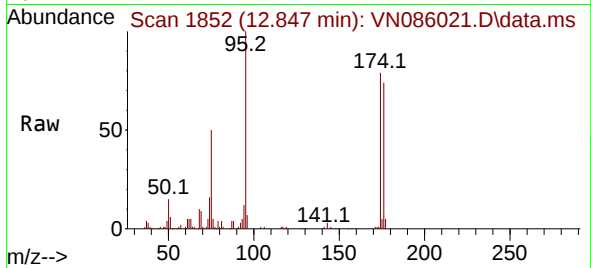




#62
4-Bromofluorobenzene
Concen: 45.548 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086021.D
Acq: 19 Mar 2025 20:03

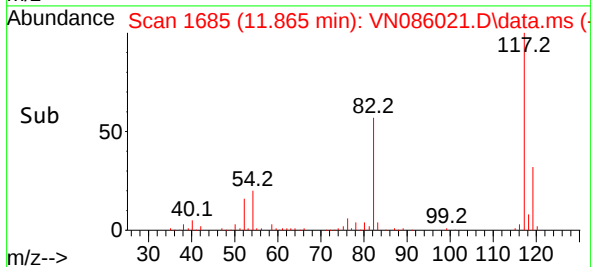
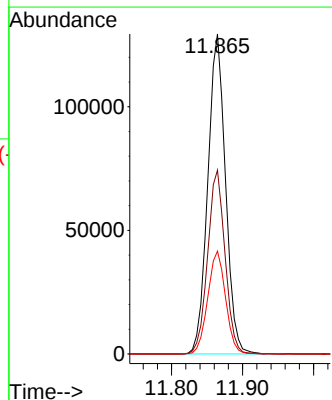
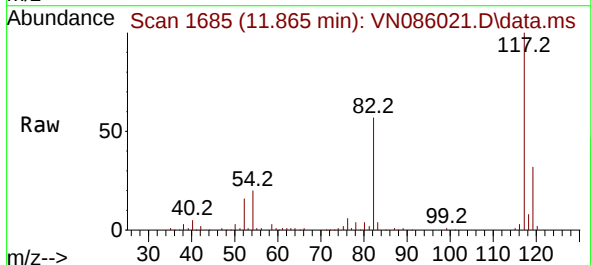
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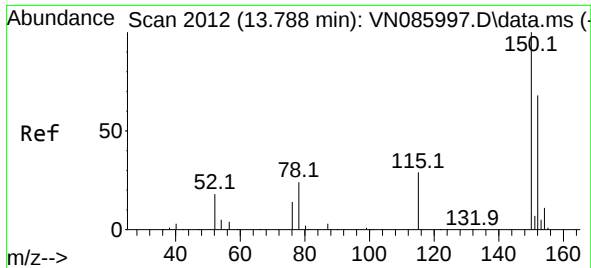
Tgt Ion: 95 Resp: 102473
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 76.9 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086021.D
Acq: 19 Mar 2025 20:03

Tgt Ion: 117 Resp: 224312
Ion Ratio Lower Upper
117 100
82 57.4 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: VN086021.D

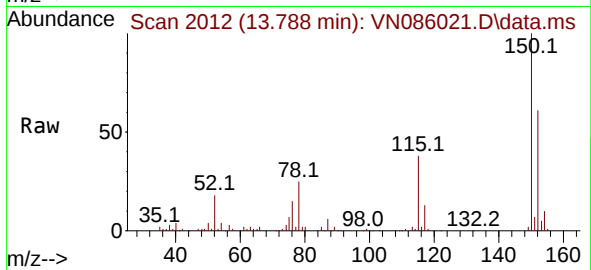
Acq: 19 Mar 2025 20:03

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-N45878



Tgt Ion:152 Resp: 97536

Ion Ratio Lower Upper

152 100

115 60.8 31.1 93.2

150 157.7 0.0 359.6

