

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085920.D
 Acq On : 10 Mar 2025 17:35
 Operator : JC\MD
 Sample : Q1514-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-103-GW01

Quant Time: Mar 11 01:40:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

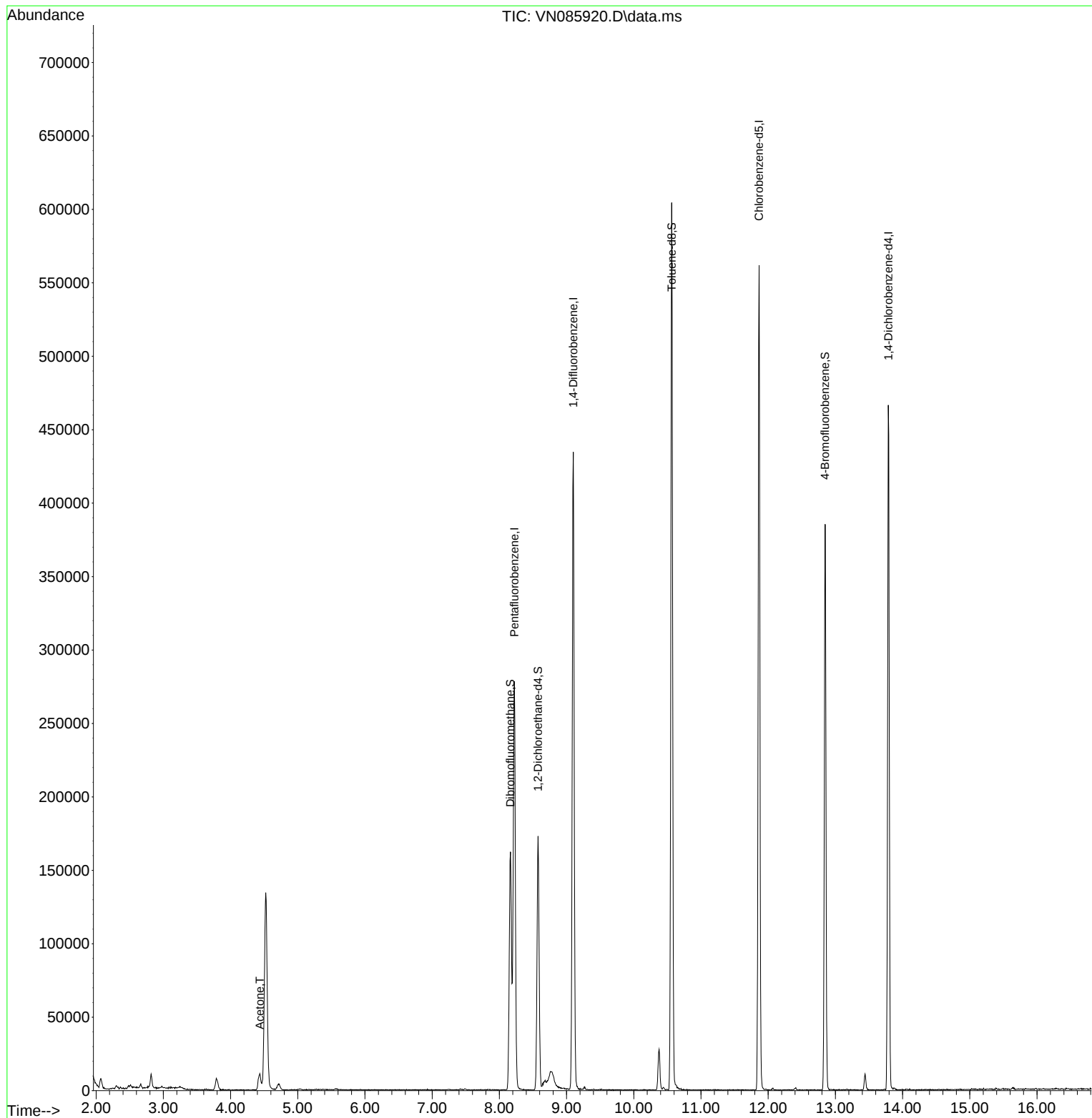
Internal Standards						
1) Pentafluorobenzene	8.224	168	199177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	138417	53.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.200%
35) Dibromofluoromethane	8.165	113	118331	48.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	10.565	98	424658	47.727	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.847	95	137377	46.861	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.720%
Target Compounds						
16) Acetone	4.436	43	21342	26.120	ug/l	Qvalue 97

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

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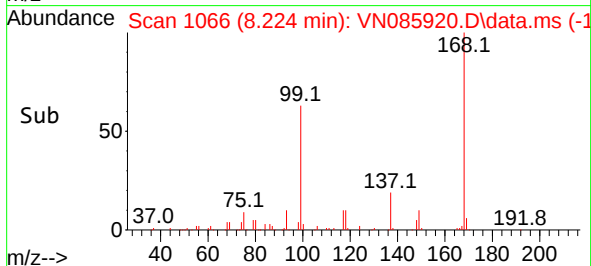
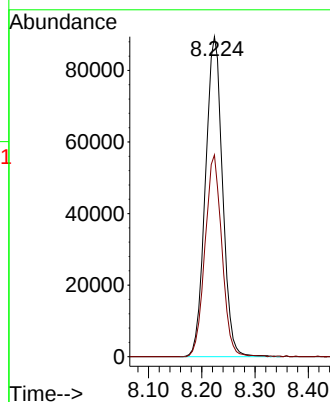
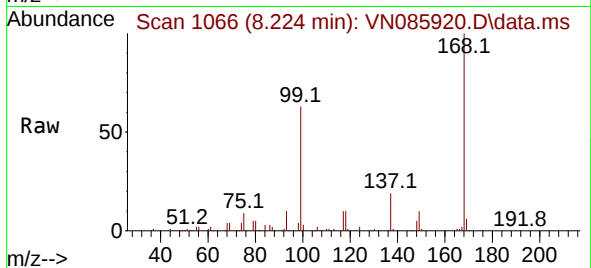




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085920.D
Acq: 10 Mar 2025 17:35

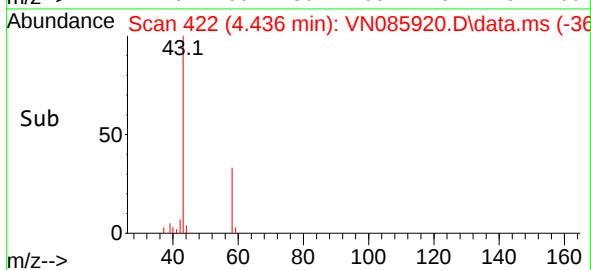
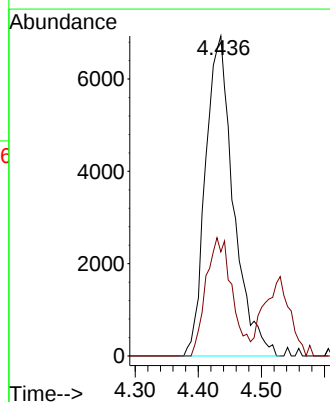
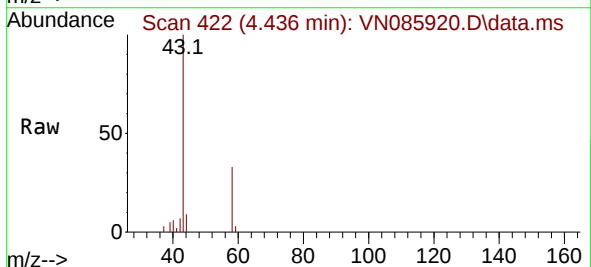
Instrument :
MSVOA_N
ClientSampleId :
ENV-103-GW01

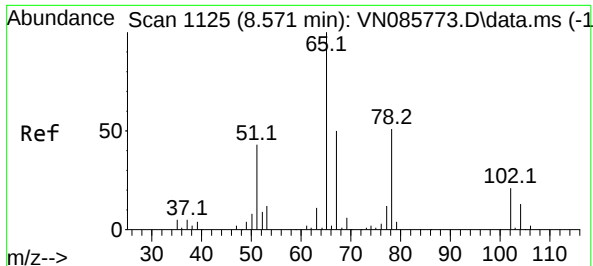
Tgt Ion:168 Resp: 199177
Ion Ratio Lower Upper
168 100
99 63.1 47.9 71.9



#16
Acetone
Concen: 26.120 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.017 min
Lab File: VN085920.D
Acq: 10 Mar 2025 17:35

Tgt Ion: 43 Resp: 21342
Ion Ratio Lower Upper
43 100
58 32.5 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 53.603 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085920.D

Acq: 10 Mar 2025 17:35

Instrument :

MSVOA_N

ClientSampleId :

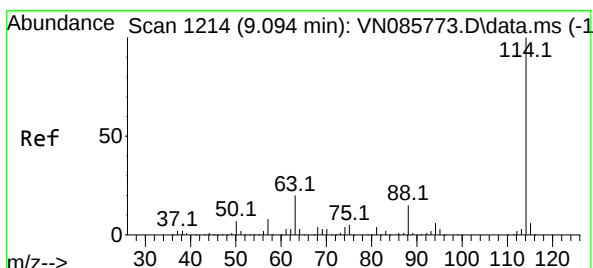
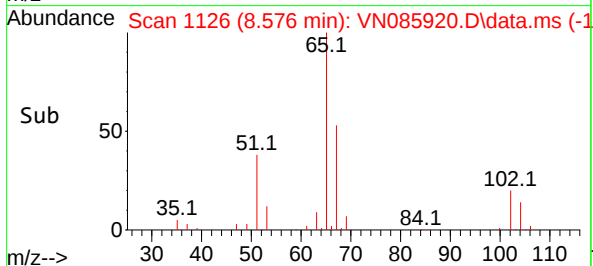
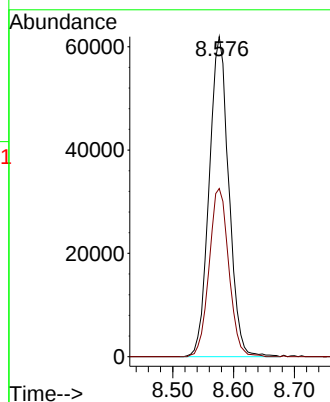
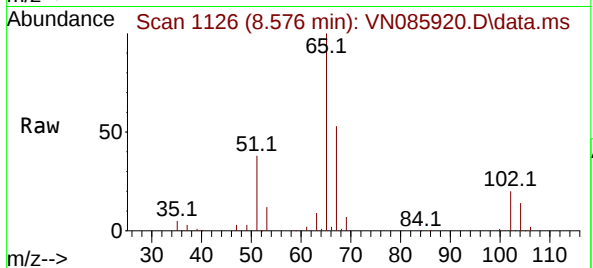
ENV-103-GW01

Tgt Ion: 65 Resp: 138417

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085920.D

Acq: 10 Mar 2025 17:35

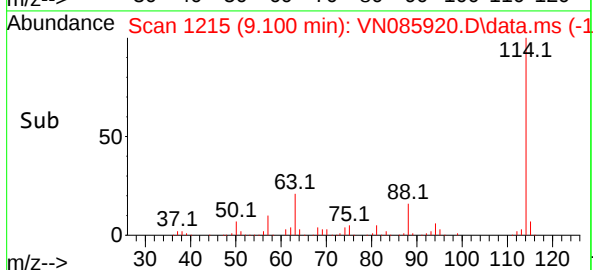
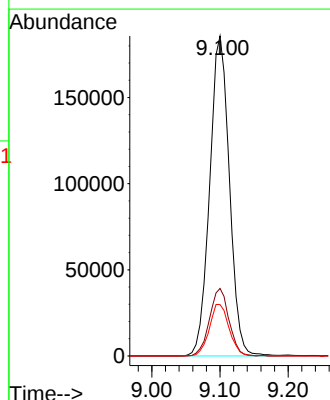
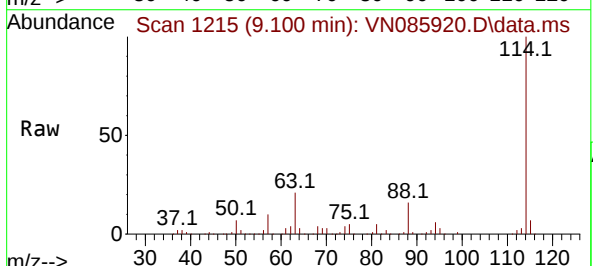
Tgt Ion: 114 Resp: 373736

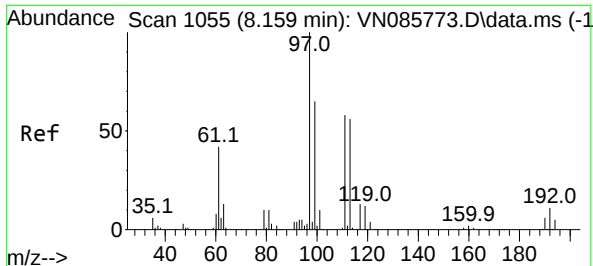
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

88 16.1 0.0 30.0

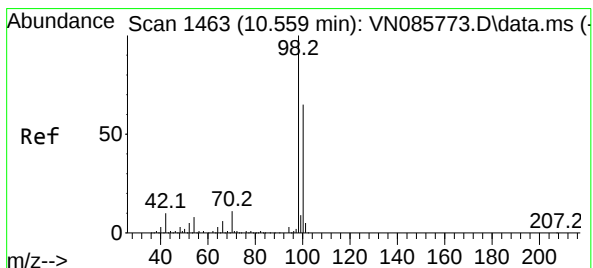
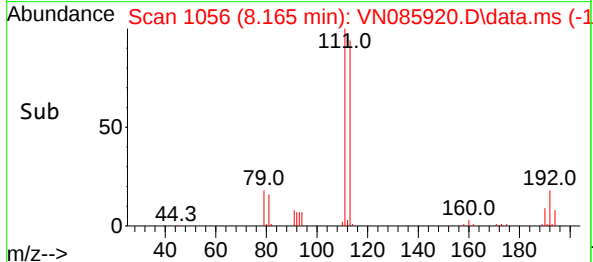
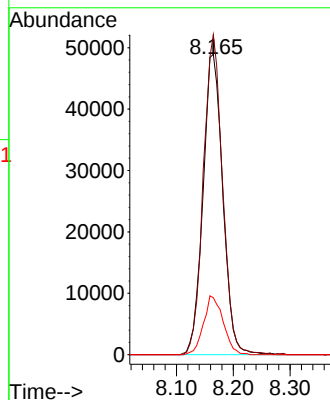
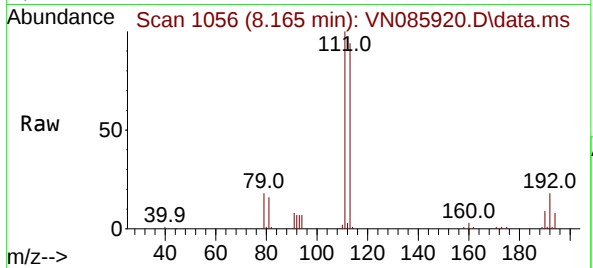




#35
 Dibromofluoromethane
 Concen: 48.386 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085920.D
 Acq: 10 Mar 2025 17:35

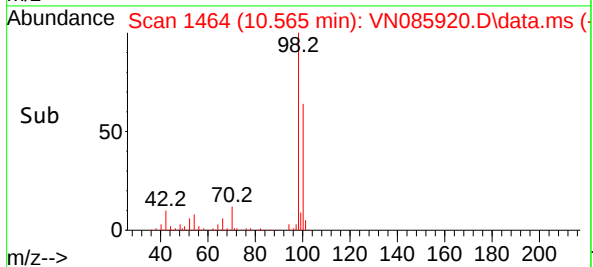
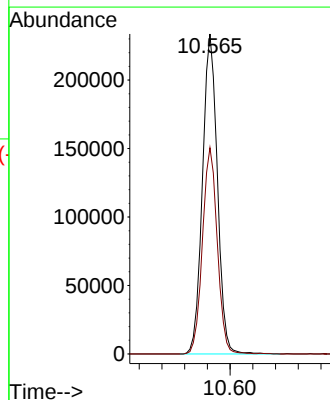
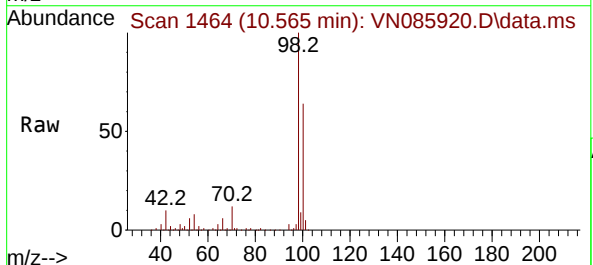
Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-103-GW01

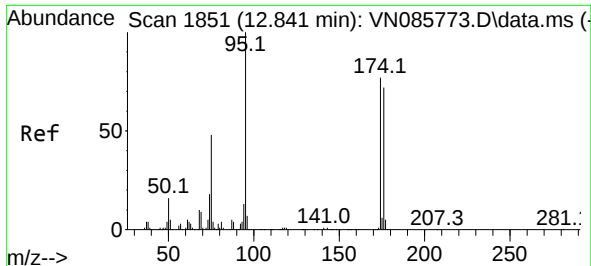
Tgt Ion:113 Resp: 118331
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 19.4 14.7 22.1



#50
 Toluene-d8
 Concen: 47.727 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.006 min
 Lab File: VN085920.D
 Acq: 10 Mar 2025 17:35

Tgt Ion: 98 Resp: 424658
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.1 78.1

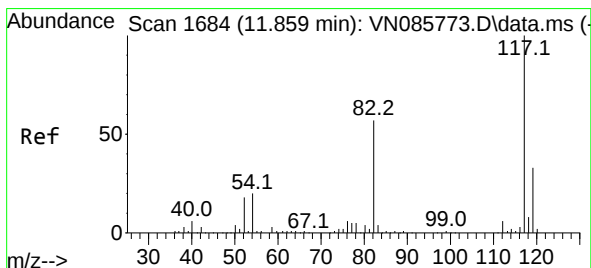
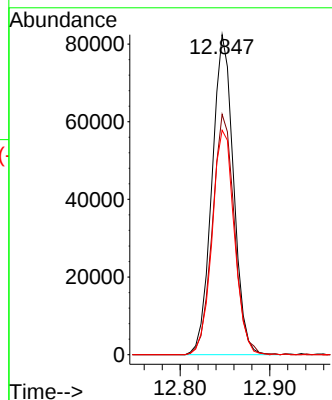
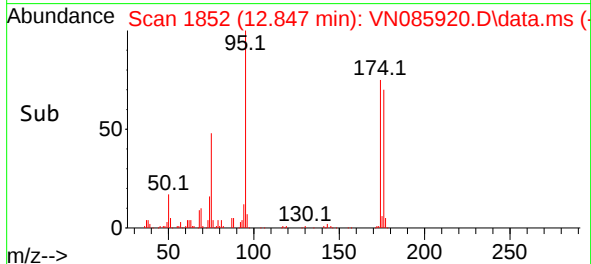
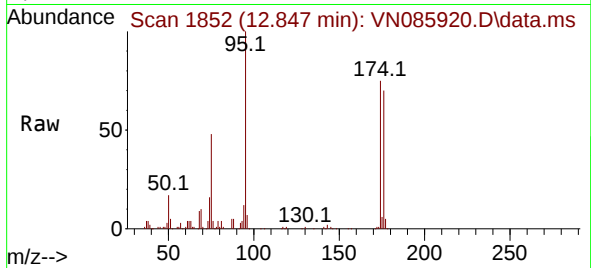




#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085920.D
Acq: 10 Mar 2025 17:35

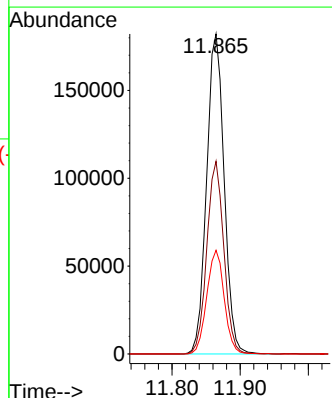
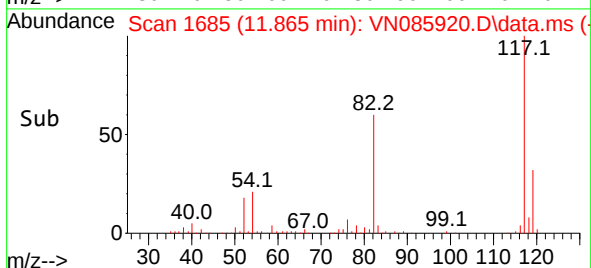
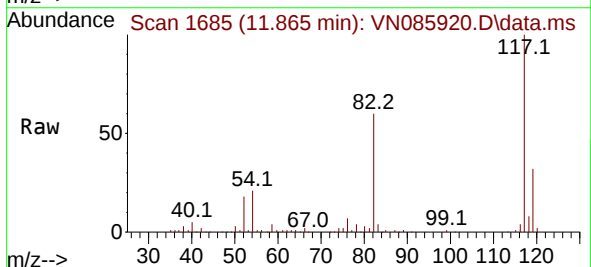
Instrument :
MSVOA_N
ClientSampleId :
ENV-103-GW01

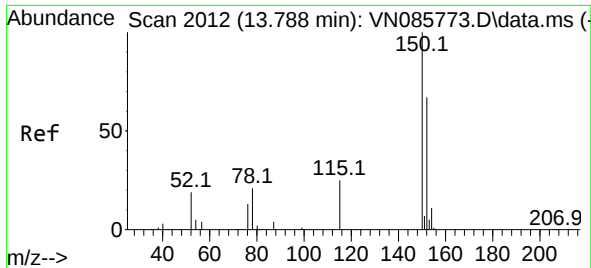
Tgt Ion: 95 Resp: 137377
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.4
176 72.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085920.D
Acq: 10 Mar 2025 17:35

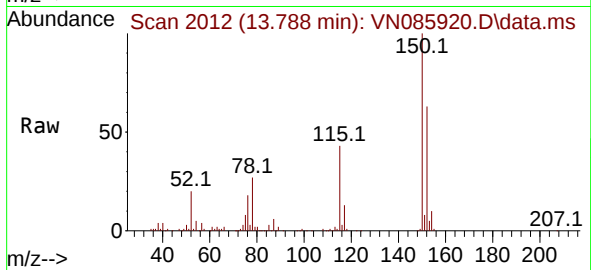
Tgt Ion: 117 Resp: 326066
Ion Ratio Lower Upper
117 100
82 60.2 45.7 68.5
119 32.4 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085920.D
 Acq: 10 Mar 2025 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-103-GW01



Tgt Ion:152 Resp: 130206
 Ion Ratio Lower Upper
 152 100
 115 62.6 30.4 91.3
 150 158.3 0.0 345.4

