

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085919.D
 Acq On : 10 Mar 2025 17:11
 Operator : JC\MD
 Sample : Q1514-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-105-GW01

Quant Time: Mar 11 01:39:49 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)

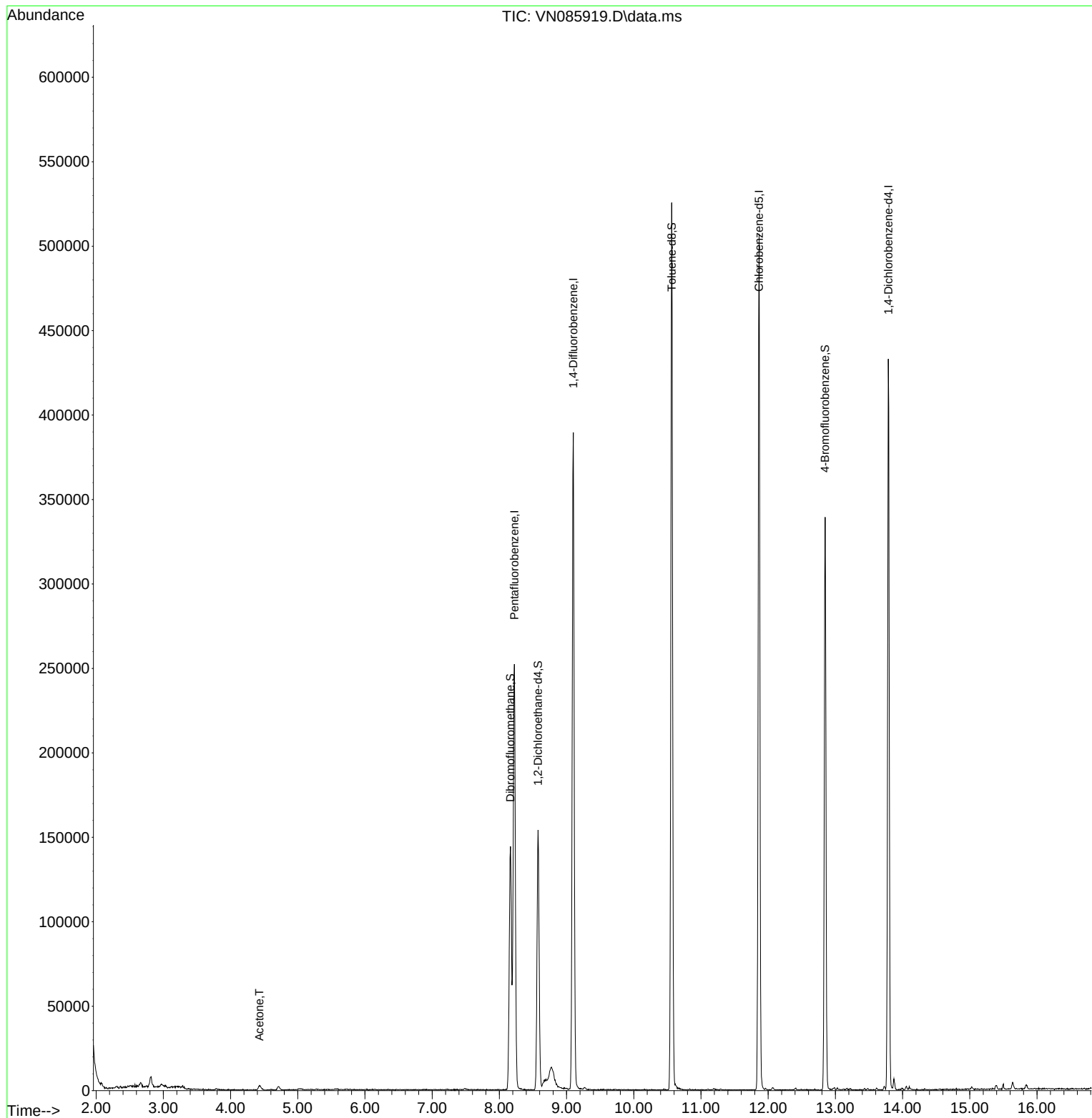
Internal Standards						
1) Pentafluorobenzene	8.224	168	180602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123756	52.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.700%
35) Dibromofluoromethane	8.165	113	105753	48.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	10.565	98	364171	45.431	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.847	95	124468	47.128	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.260%
Target Compounds						
16) Acetone	4.430	43	5327	7.190	ug/l	Qvalue 96

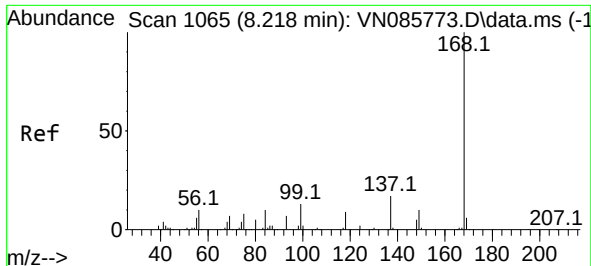
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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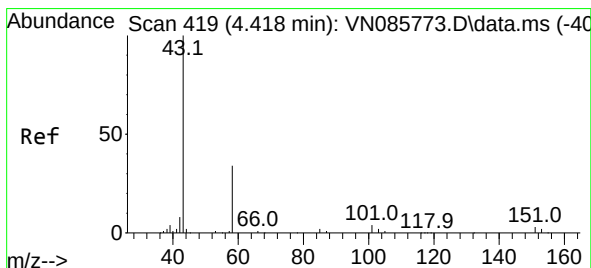
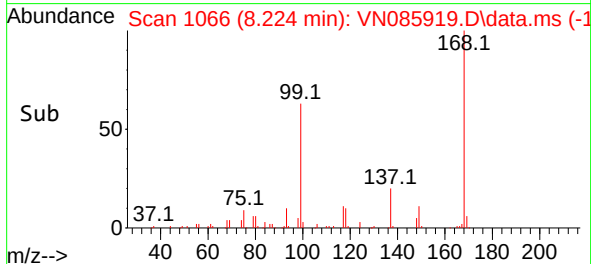
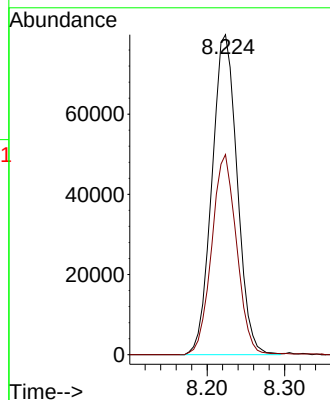
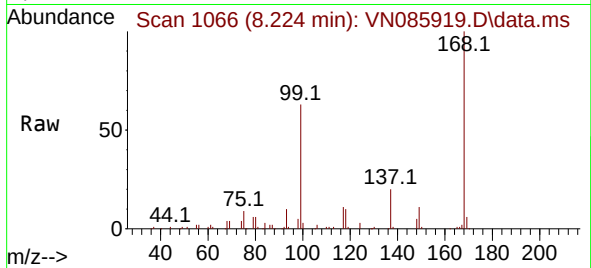




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085919.D
Acq: 10 Mar 2025 17:11

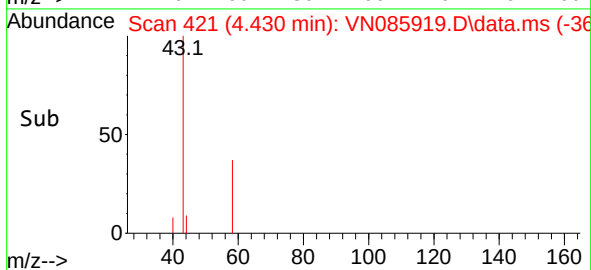
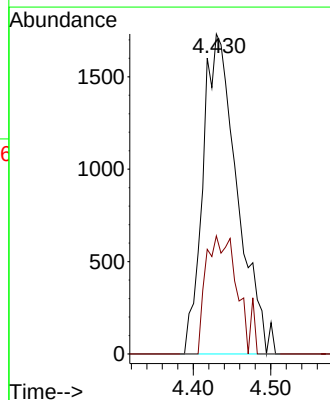
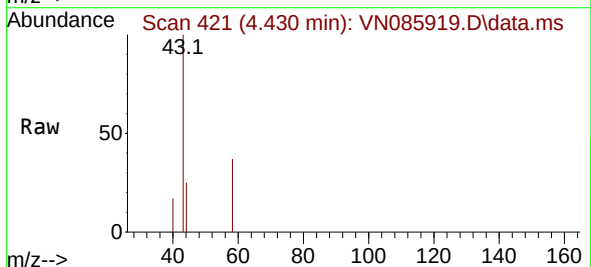
Instrument :
MSVOA_N
ClientSampleId :
ENV-105-GW01

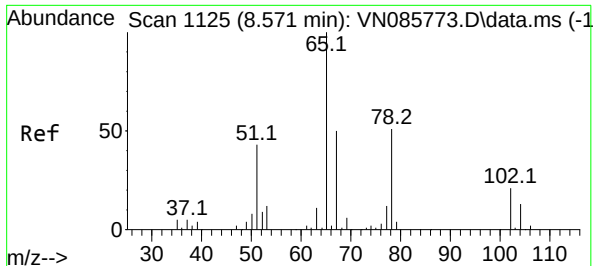
Tgt Ion:168 Resp: 180602
Ion Ratio Lower Upper
168 100
99 62.6 47.9 71.9



#16
Acetone
Concen: 7.190 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085919.D
Acq: 10 Mar 2025 17:11

Tgt Ion: 43 Resp: 5327
Ion Ratio Lower Upper
43 100
58 36.9 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 52.855 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085919.D

Acq: 10 Mar 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

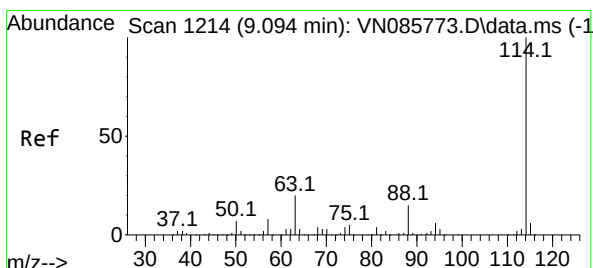
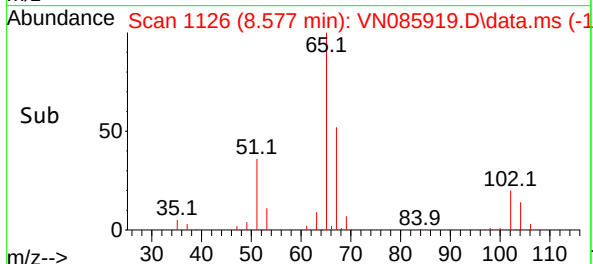
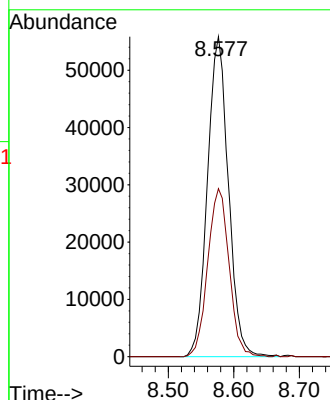
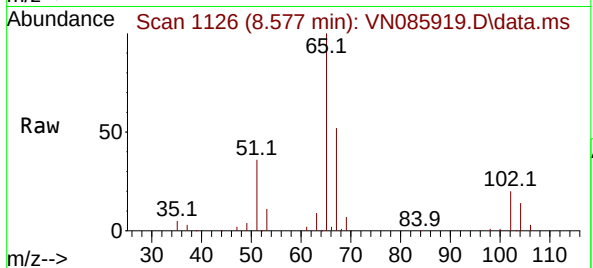
ENV-105-GW01

Tgt Ion: 65 Resp: 123756

Ion Ratio Lower Upper

65 100

67 53.6 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: VN085919.D

Acq: 10 Mar 2025 17:11

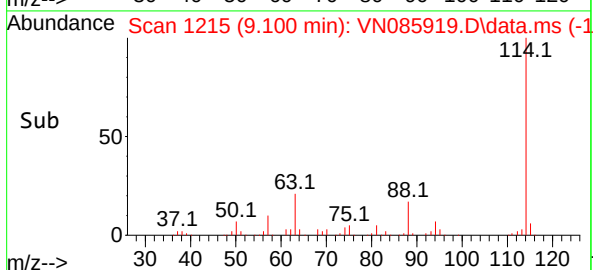
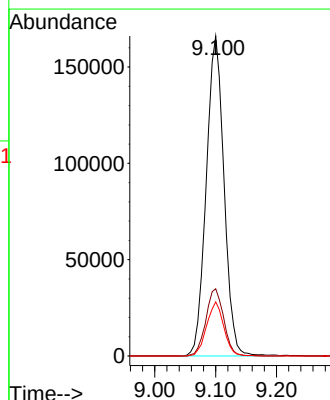
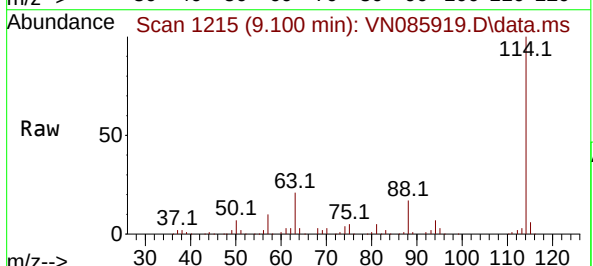
Tgt Ion: 114 Resp: 336697

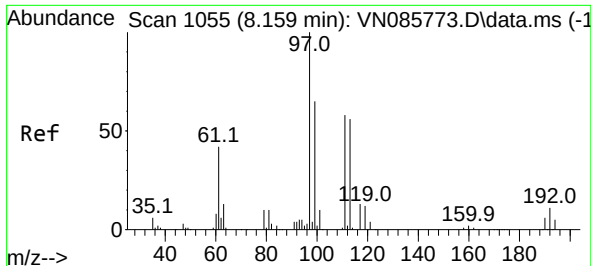
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 16.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.000 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085919.D

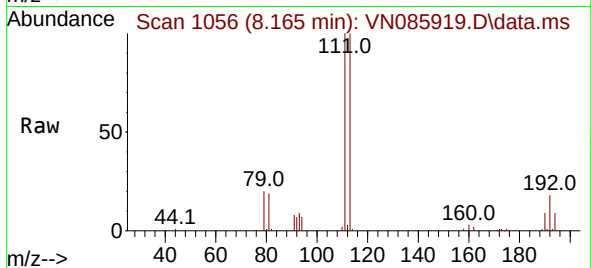
Acq: 10 Mar 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

ENV-105-GW01



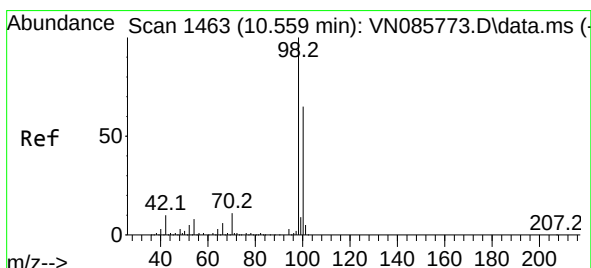
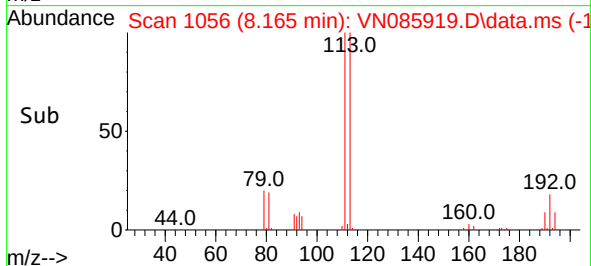
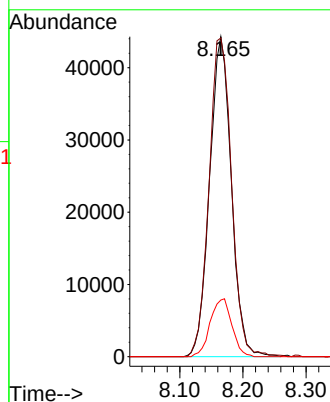
Tgt Ion:113 Resp: 105753

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 18.0 14.7 22.1



#50

Toluene-d8

Concen: 45.431 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085919.D

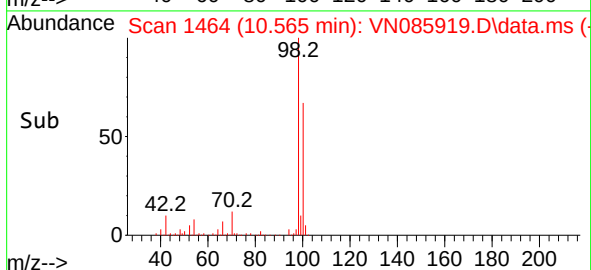
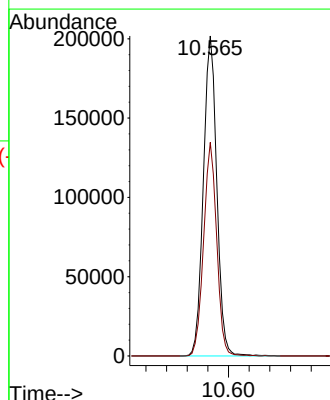
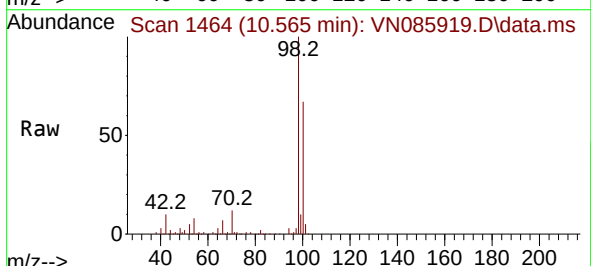
Acq: 10 Mar 2025 17:11

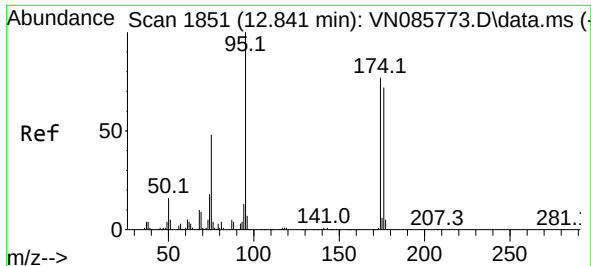
Tgt Ion: 98 Resp: 364171

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

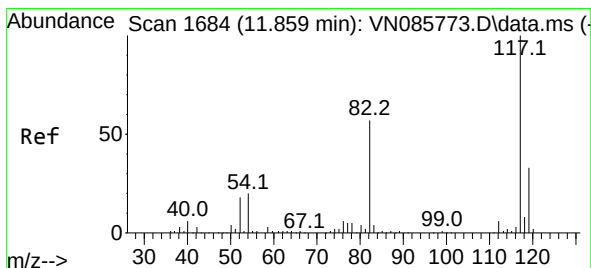
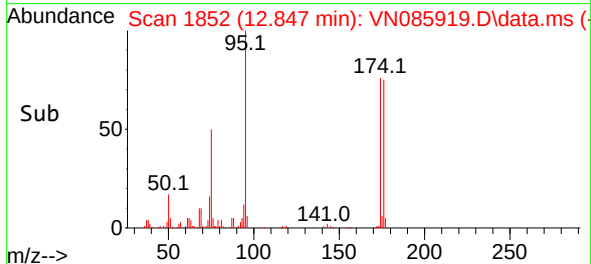
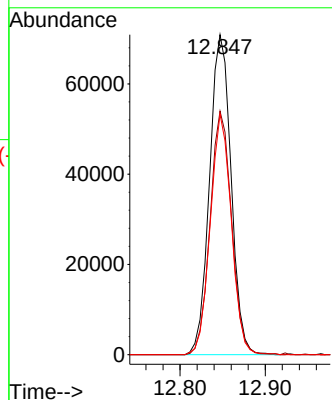
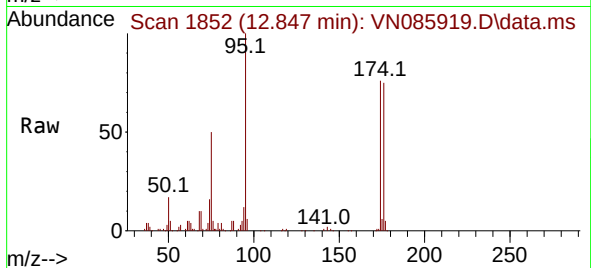




#62
4-Bromofluorobenzene
Concen: 47.128 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085919.D
Acq: 10 Mar 2025 17:11

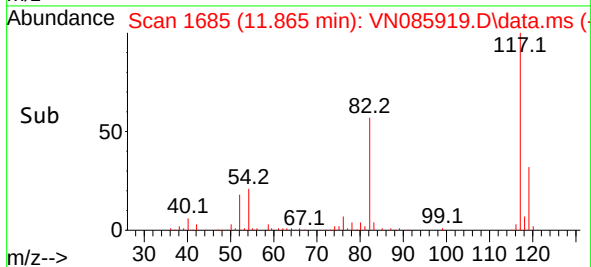
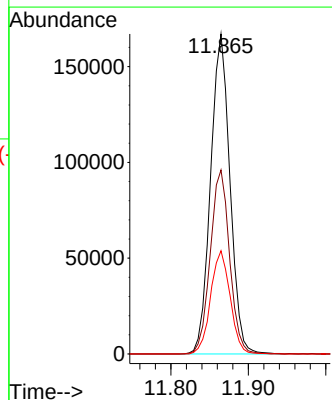
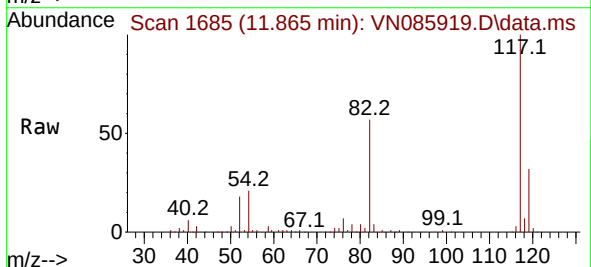
Instrument :
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ENV-105-GW01

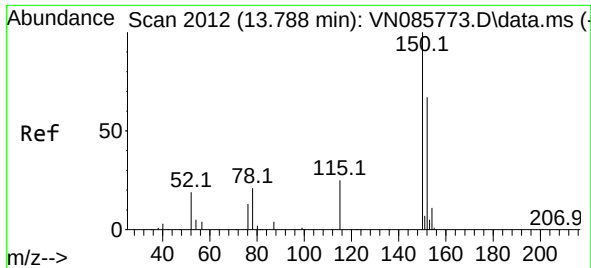
Tgt Ion: 95 Resp: 124468
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.4
176 73.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085919.D
Acq: 10 Mar 2025 17:11

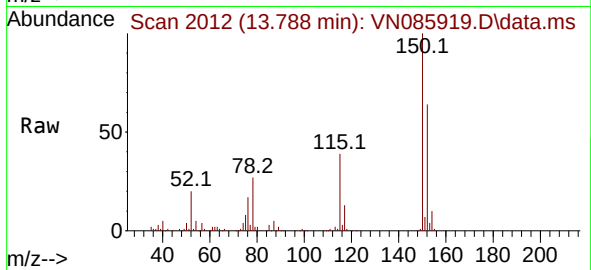
Tgt Ion: 117 Resp: 290159
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 32.3 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085919.D
 Acq: 10 Mar 2025 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-105-GW01



Tgt Ion:152 Resp: 119785
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.4 91.3
 150 157.2 0.0 345.4

