

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085788.D
 Acq On : 19 Feb 2025 14:21
 Operator : JC\MD
 Sample : Q1380-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-EB-20250212

Quant Time: Feb 20 00:48:27 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)

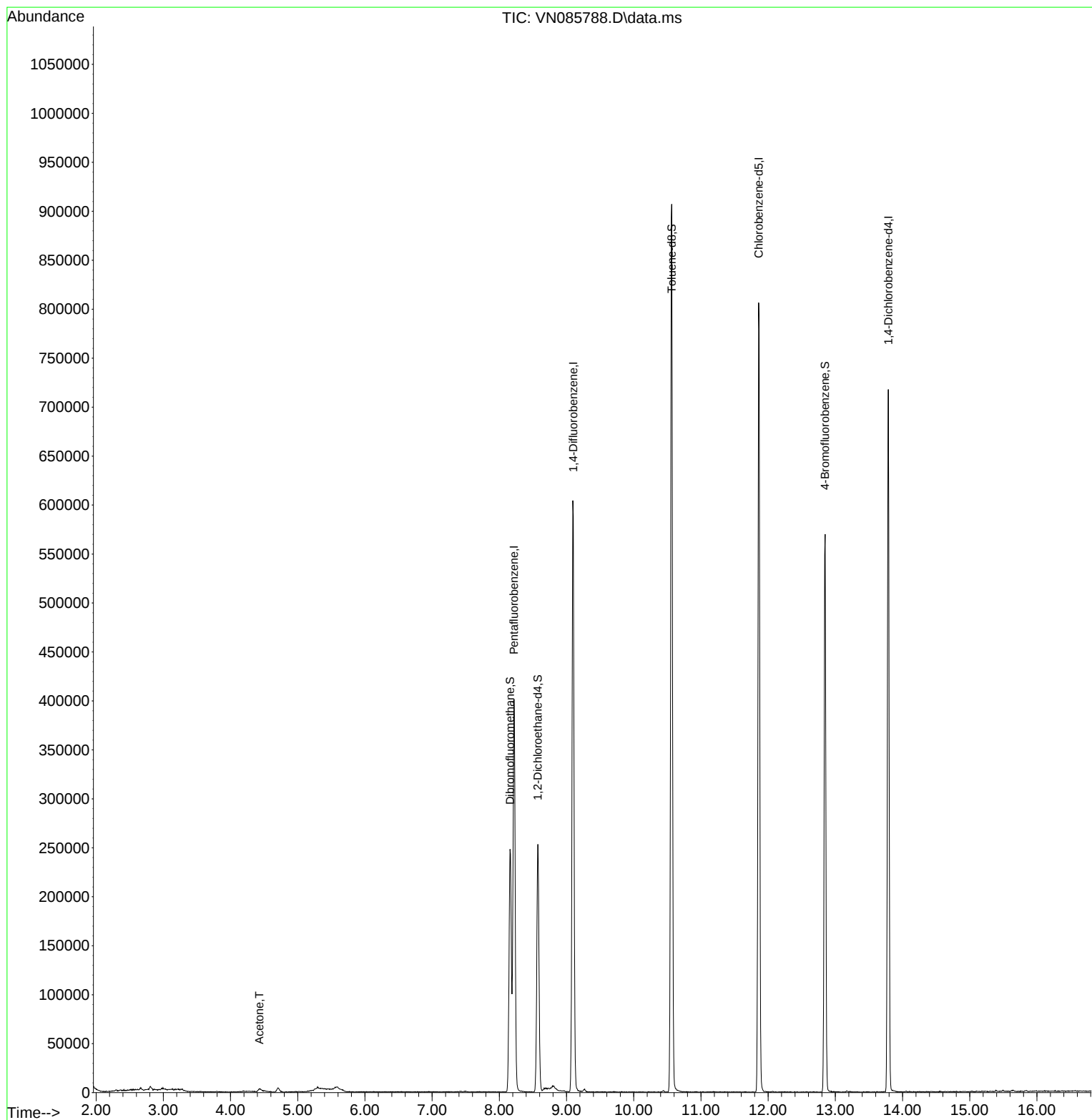
Internal Standards						
1) Pentafluorobenzene	8.218	168	292071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	537683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	478583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	200119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	210670	55.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.280%
35) Dibromofluoromethane	8.159	113	182949	51.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	10.565	98	652872	51.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.847	95	208565	49.451	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.900%
Target Compounds						Qvalue
16) Acetone	4.430	43	5625	4.695	ug/l	91

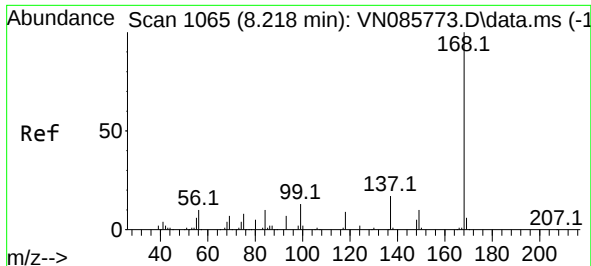
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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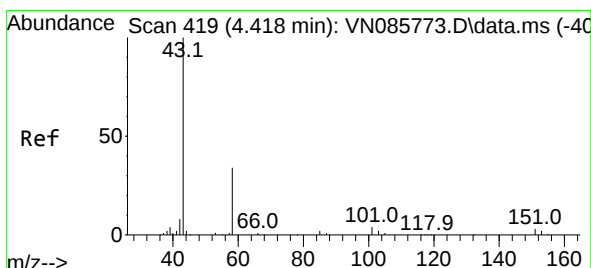
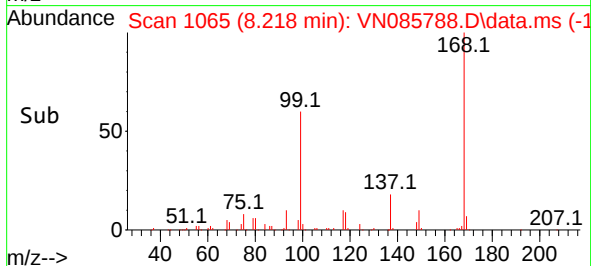
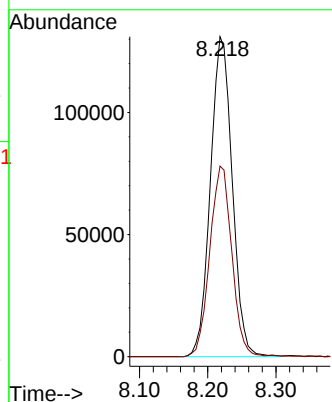
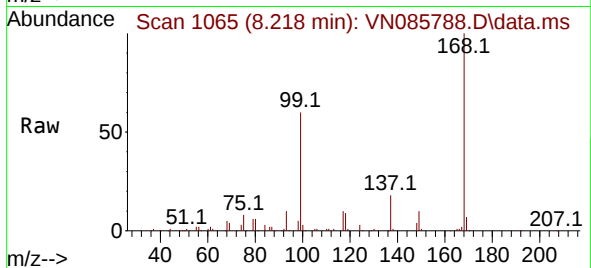




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085788.D
Acq: 19 Feb 2025 14:21

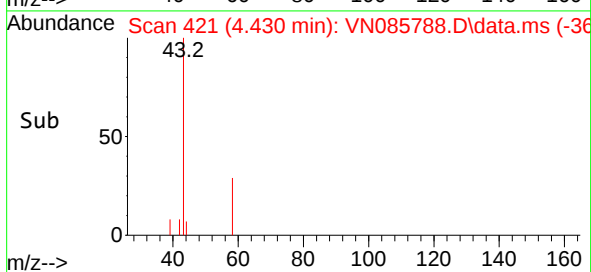
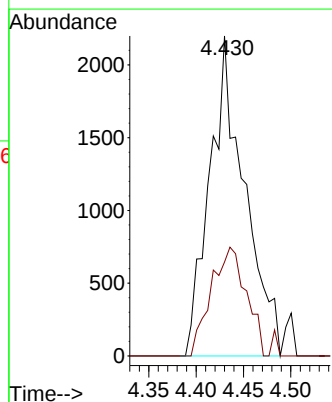
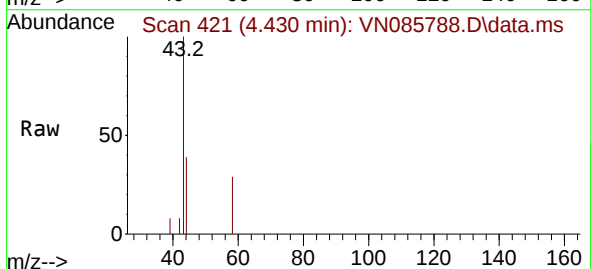
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-EB-20250212

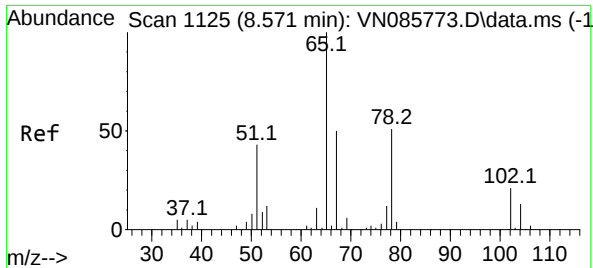
Tgt Ion:168 Resp: 292071
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#16
Acetone
Concen: 4.695 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085788.D
Acq: 19 Feb 2025 14:21

Tgt Ion: 43 Resp: 5625
Ion Ratio Lower Upper
43 100
58 29.3 27.5 41.3

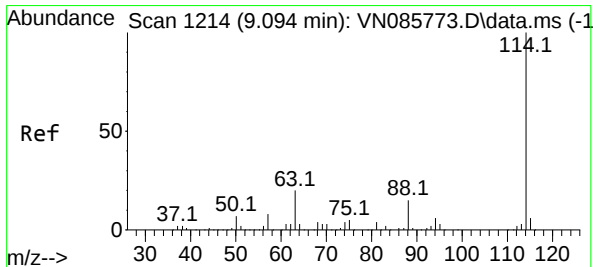
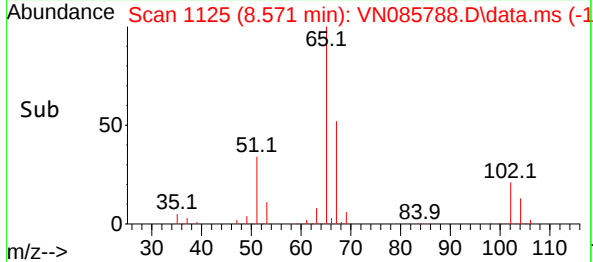
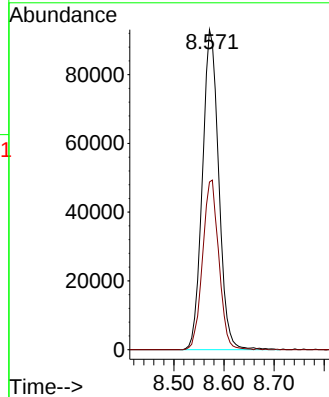
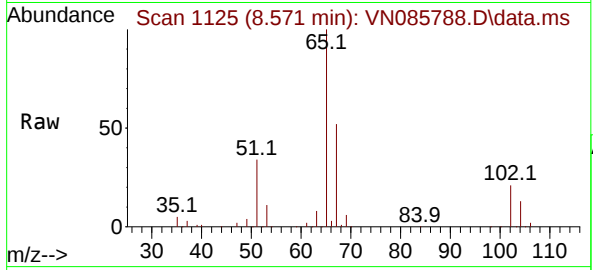




#33
 1,2-Dichloroethane-d4
 Concen: 55.636 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085788.D
 Acq: 19 Feb 2025 14:21

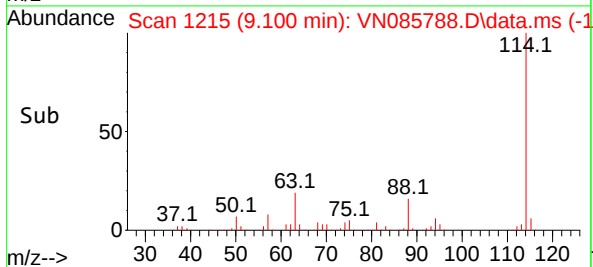
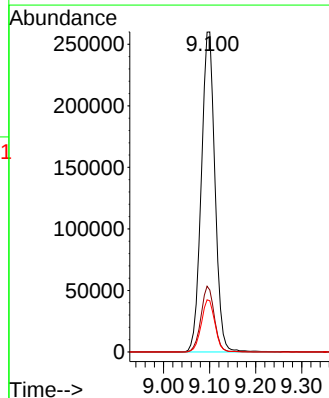
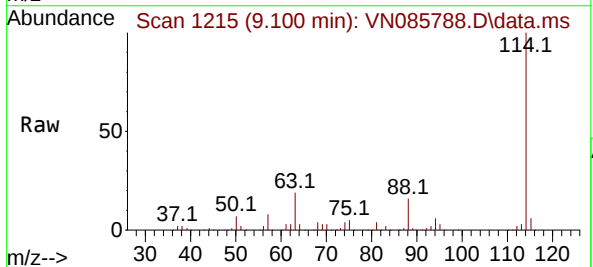
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-EB-20250212

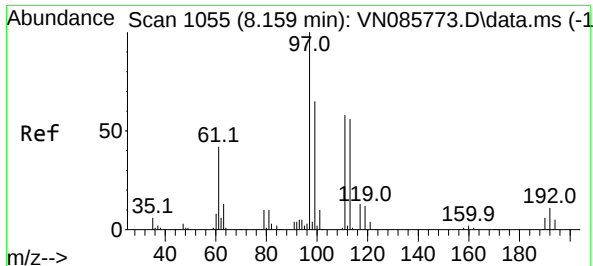
Tgt Ion: 65 Resp: 210670
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085788.D
 Acq: 19 Feb 2025 14:21

Tgt Ion: 114 Resp: 537683
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.999 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085788.D

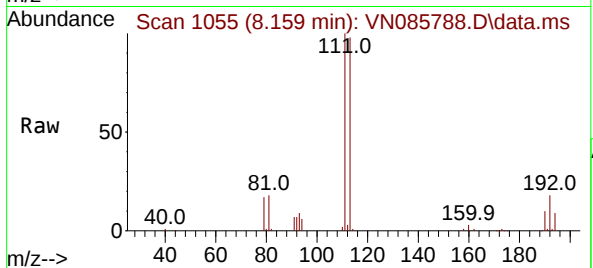
Acq: 19 Feb 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-EB-20250212



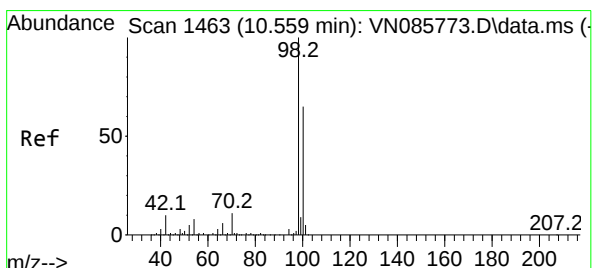
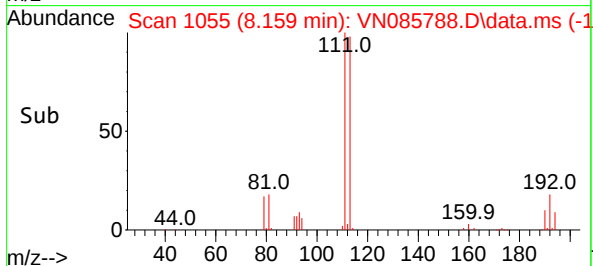
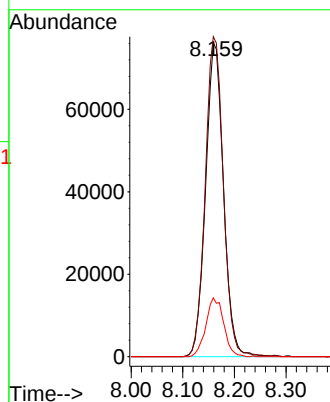
Tgt Ion:113 Resp: 182949

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.7 14.7 22.1



#50

Toluene-d8

Concen: 51.002 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085788.D

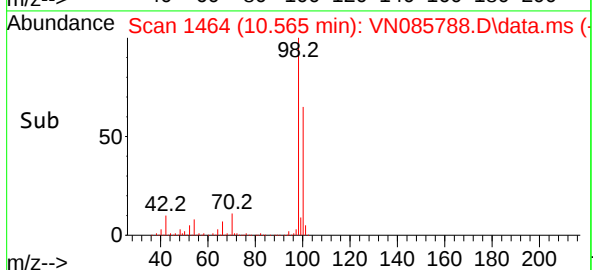
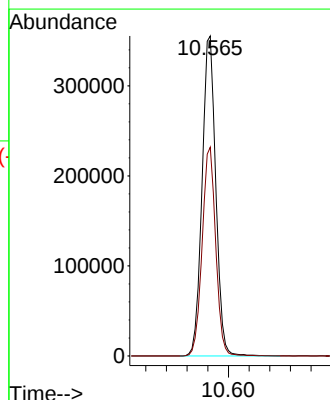
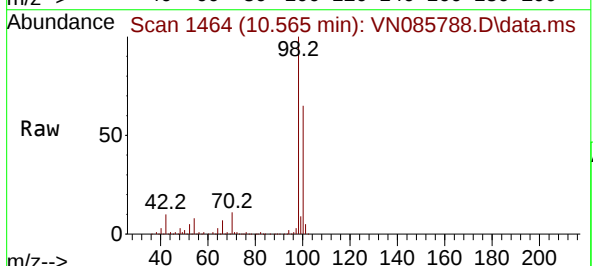
Acq: 19 Feb 2025 14:21

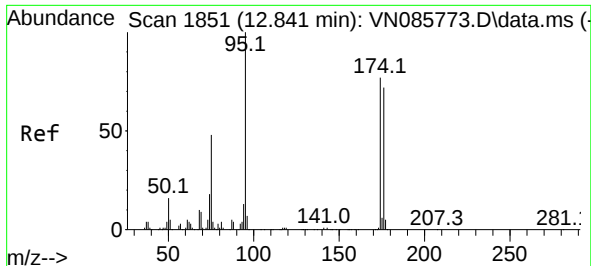
Tgt Ion: 98 Resp: 652872

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

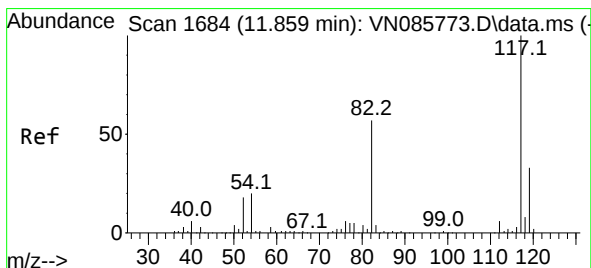
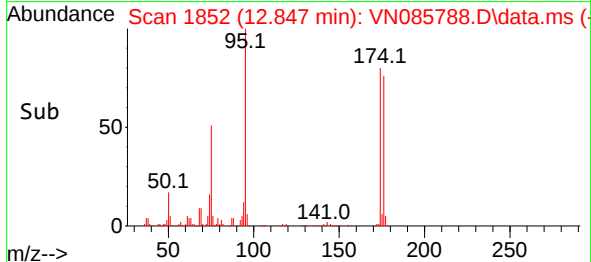
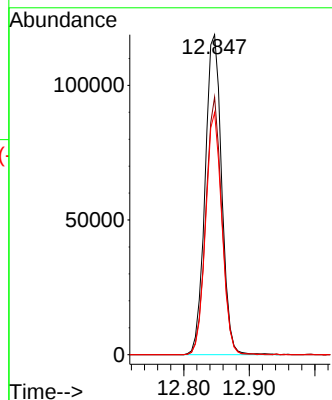
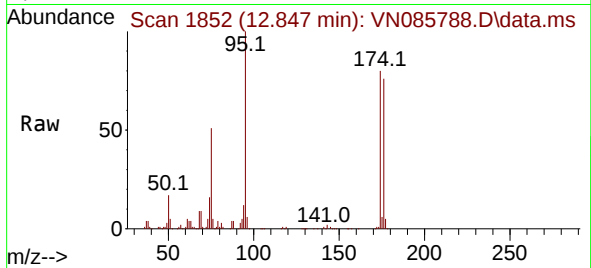




#62
4-Bromofluorobenzene
Concen: 49.451 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085788.D
Acq: 19 Feb 2025 14:21

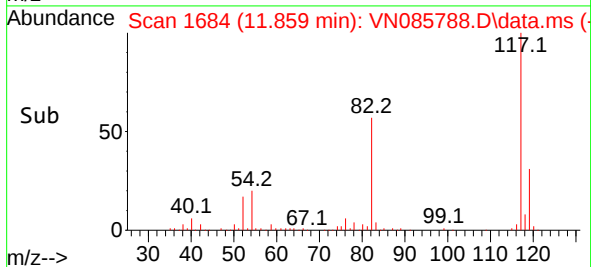
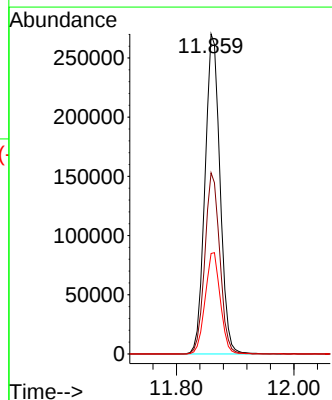
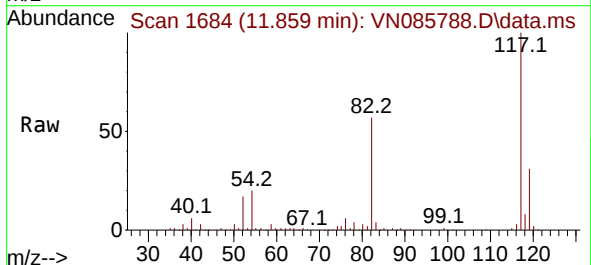
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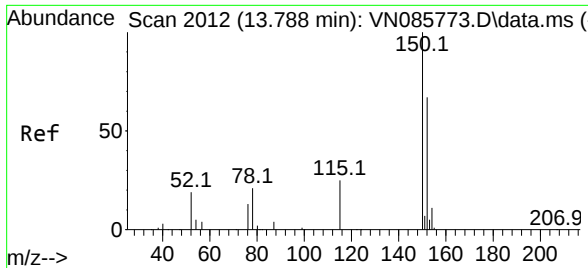
Tgt Ion: 95 Resp: 208565
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.4
176 74.2 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085788.D
Acq: 19 Feb 2025 14:21

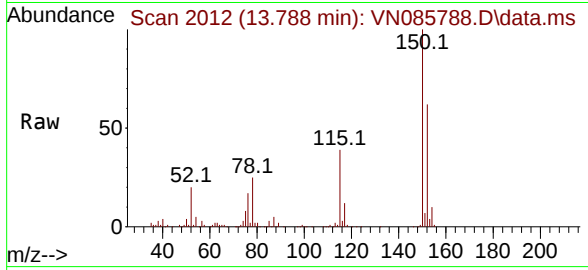
Tgt Ion: 117 Resp: 478583
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 31.4 26.2 39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN085788.D
Acq: 19 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-EB-20250212



Tgt Ion:152 Resp: 200119
Ion Ratio Lower Upper
152 100
115 61.4 30.4 91.3
150 159.6 0.0 345.4

