

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085839.D
 Acq On : 24 Feb 2025 16:01
 Operator : JC\MD
 Sample : Q1415-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02222025

Quant Time: Feb 25 01:56:36 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)

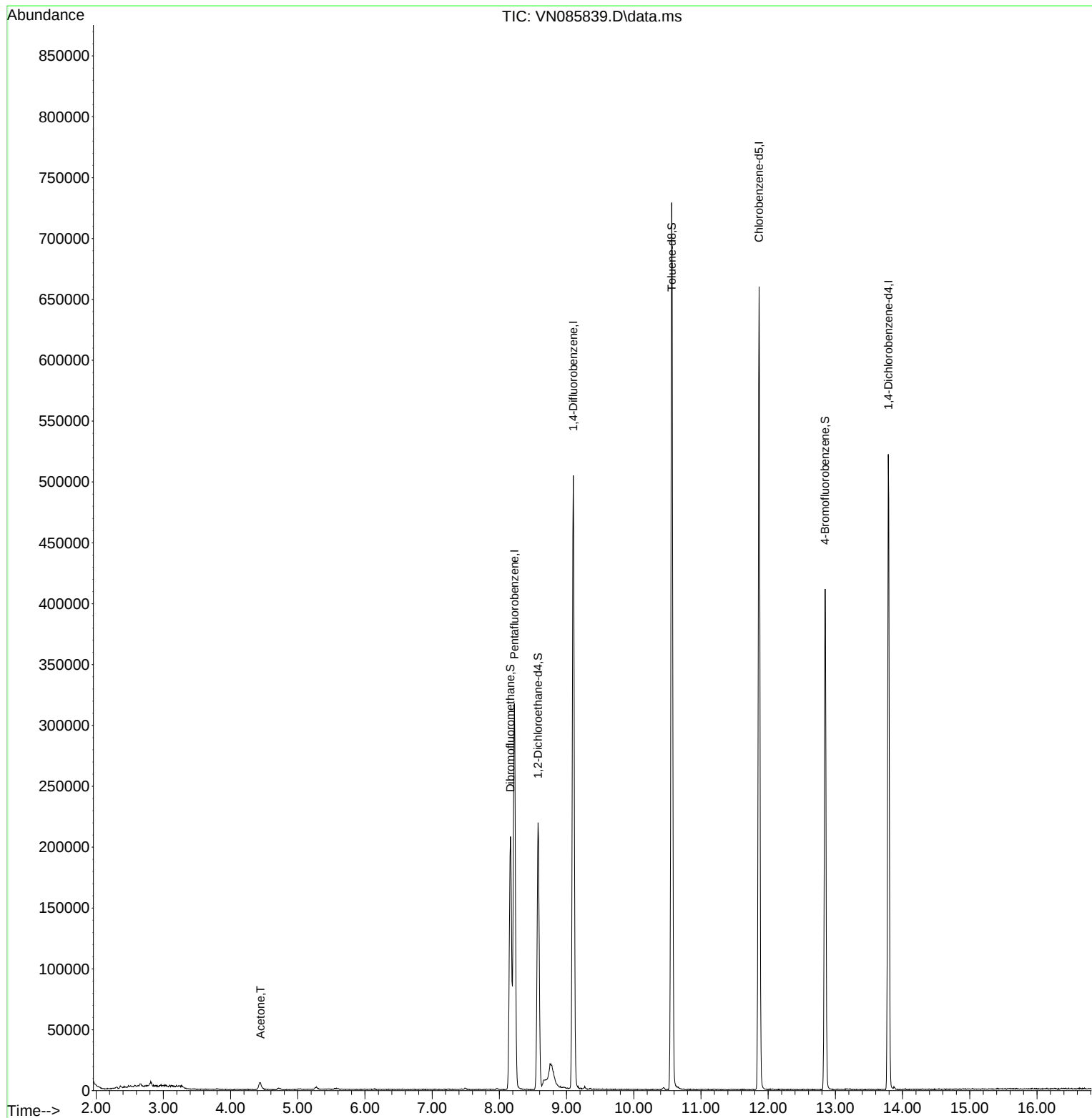
Internal Standards						
1) Pentafluorobenzene	8.224	168	226425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179257	61.065	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	122.120%	
35) Dibromofluoromethane	8.165	113	152243	53.229	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.460%	
50) Toluene-d8	10.565	98	512051	49.207	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.420%	
62) 4-Bromofluorobenzene	12.847	95	147244	42.946	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.900%	
Target Compounds						
16) Acetone	4.448	43	11136	11.989	ug/l	Qvalue 88

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

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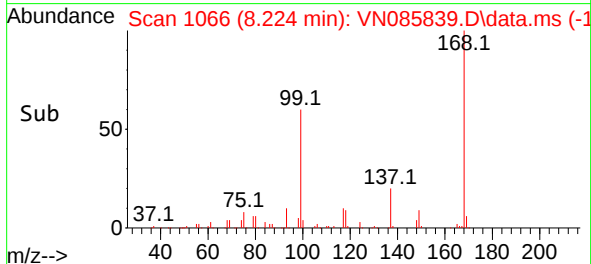
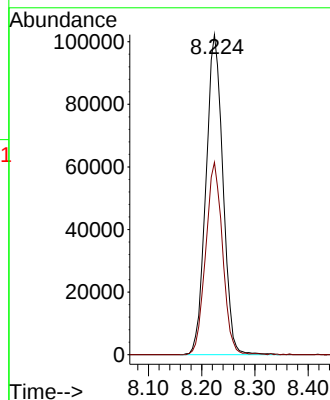
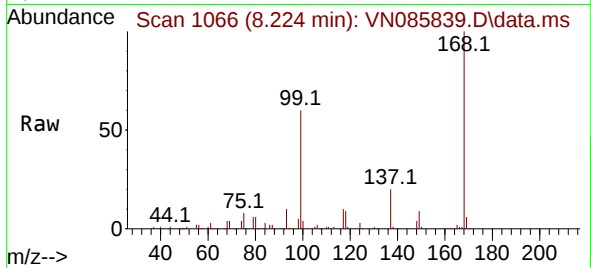




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085839.D
Acq: 24 Feb 2025 16:01

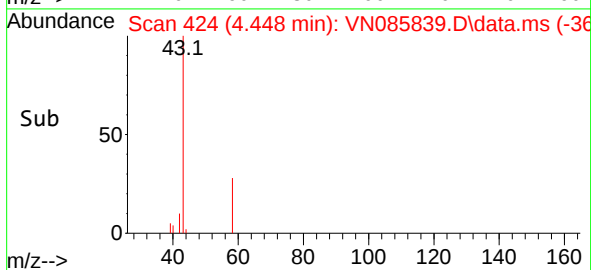
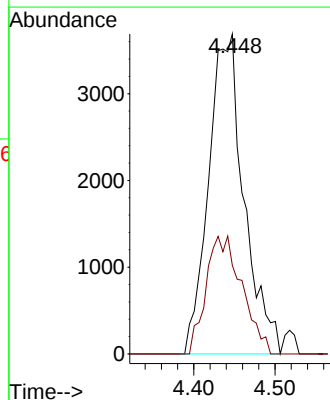
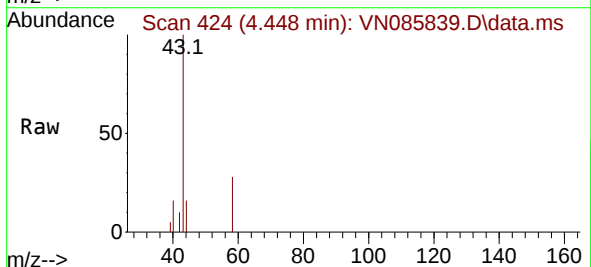
Instrument :
MSVOA_N
ClientSampleId :
FB02222025

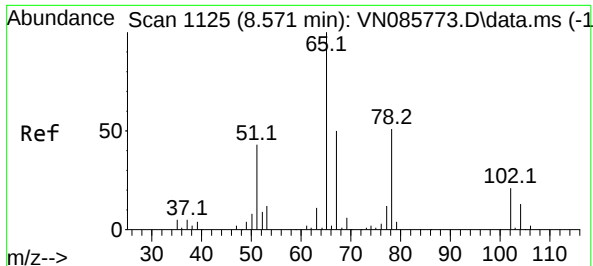
Tgt Ion:168 Resp: 226425
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#16
Acetone
Concen: 11.989 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN085839.D
Acq: 24 Feb 2025 16:01

Tgt Ion: 43 Resp: 11136
Ion Ratio Lower Upper
43 100
58 27.6 27.5 41.3

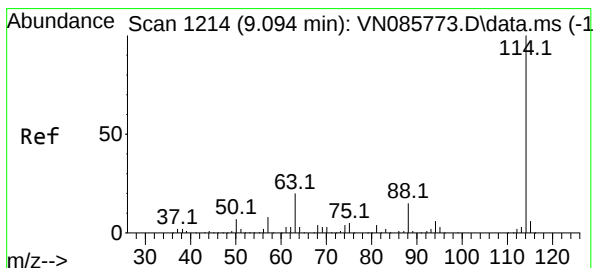
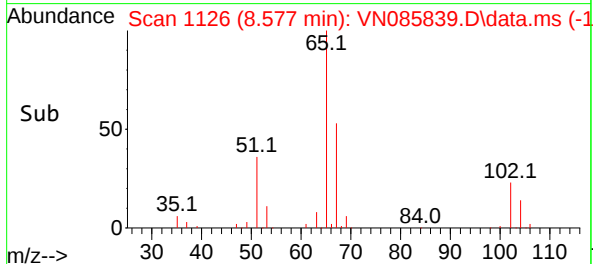
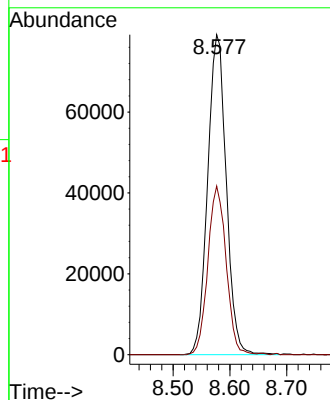
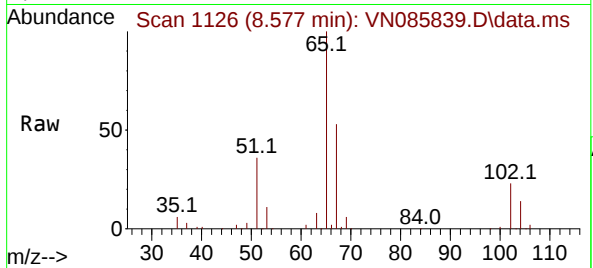




#33
 1,2-Dichloroethane-d4
 Concen: 61.065 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085839.D
 Acq: 24 Feb 2025 16:01

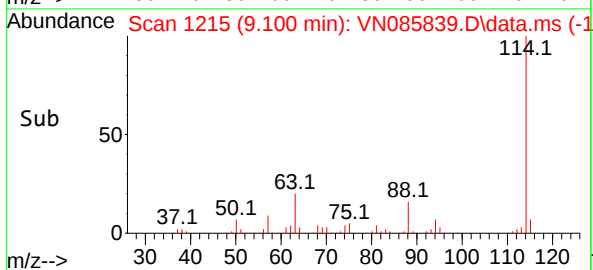
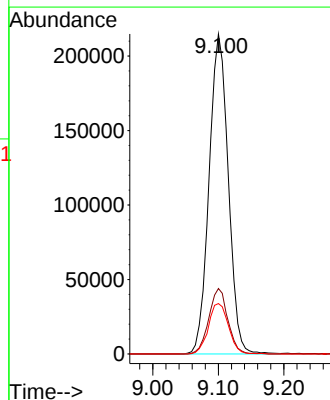
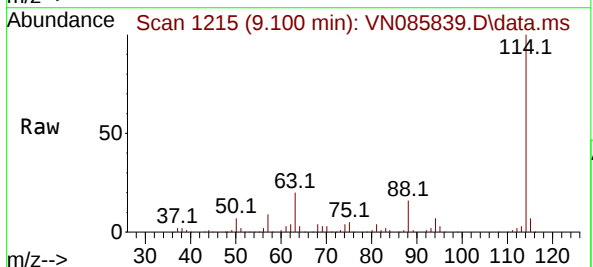
Instrument :
 MSVOA_N
 ClientSampleId :
 FB02222025

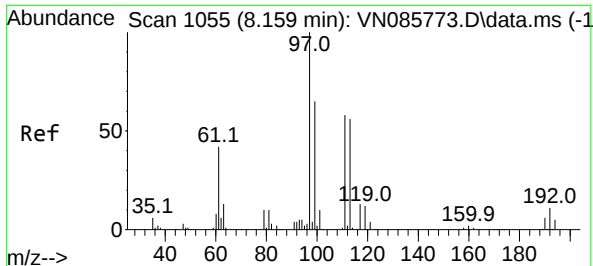
Tgt Ion: 65 Resp: 179257
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085839.D
 Acq: 24 Feb 2025 16:01

Tgt Ion: 114 Resp: 437095
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.229 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085839.D

Acq: 24 Feb 2025 16:01

Instrument :

MSVOA_N

ClientSampleId :

FB02222025

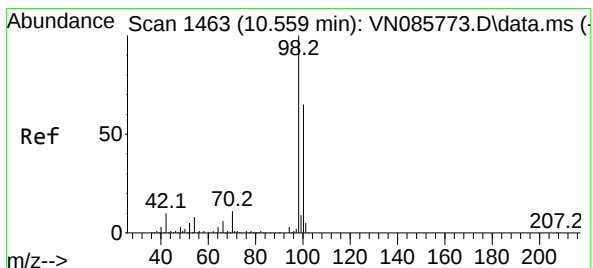
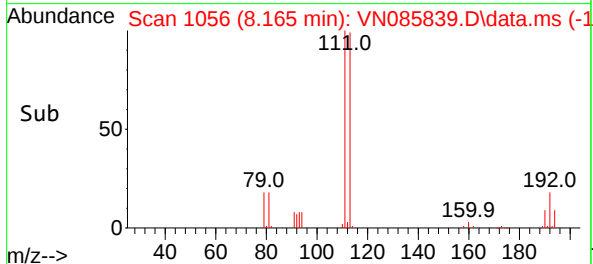
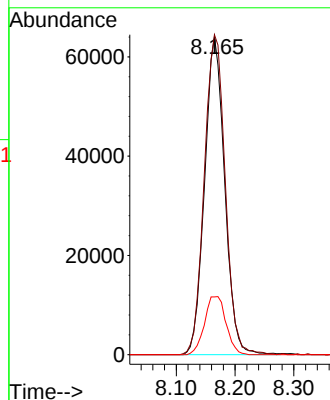
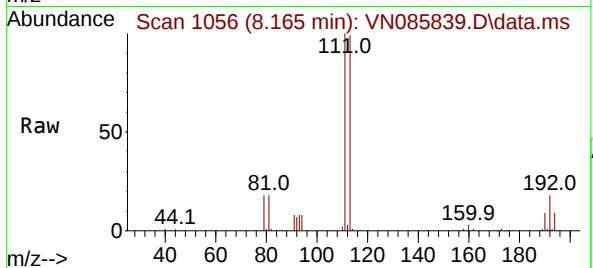
Tgt Ion:113 Resp: 152243

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 19.5 14.7 22.1



#50

Toluene-d8

Concen: 49.207 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085839.D

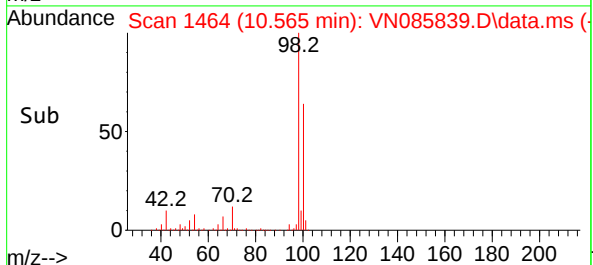
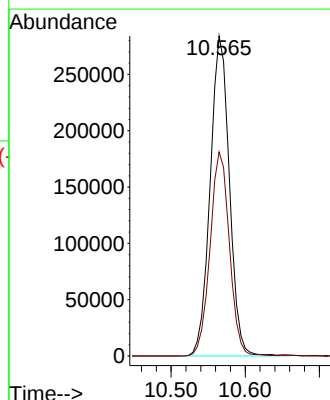
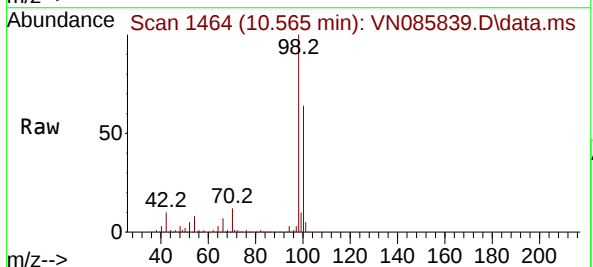
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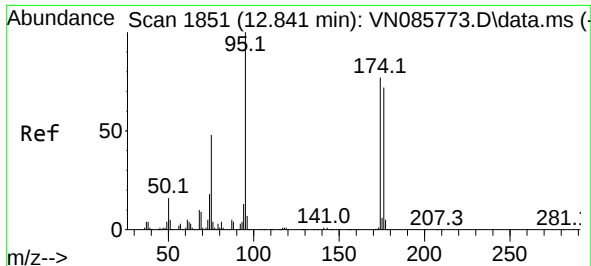
Tgt Ion: 98 Resp: 512051

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

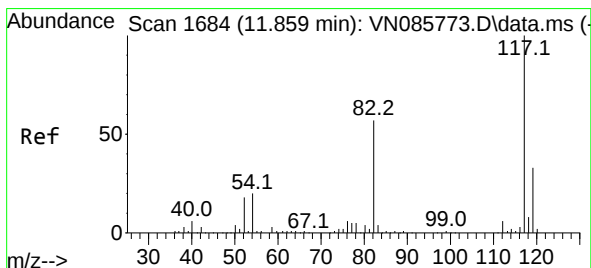
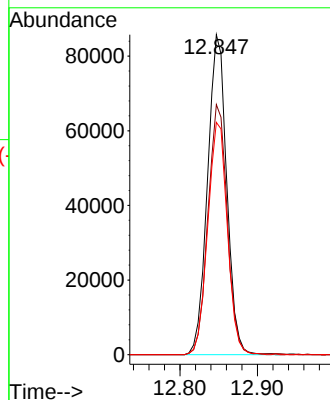
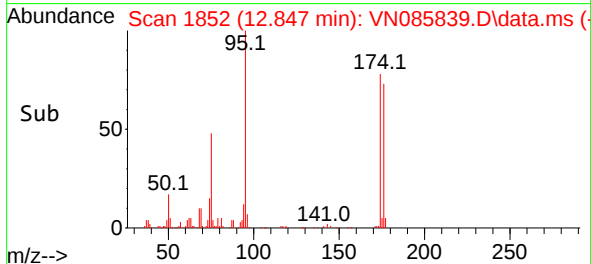
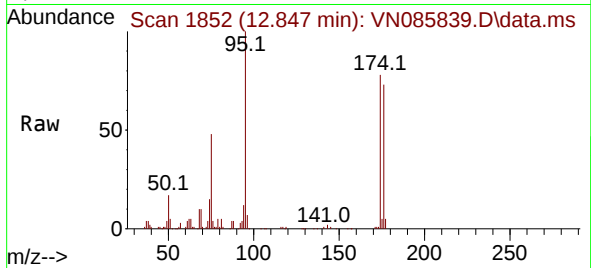




#62
4-Bromofluorobenzene
Concen: 42.946 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085839.D
Acq: 24 Feb 2025 16:01

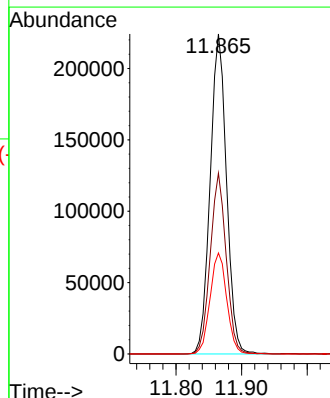
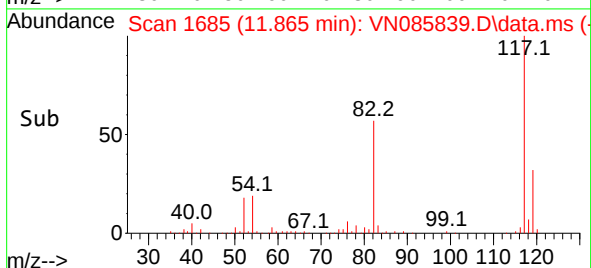
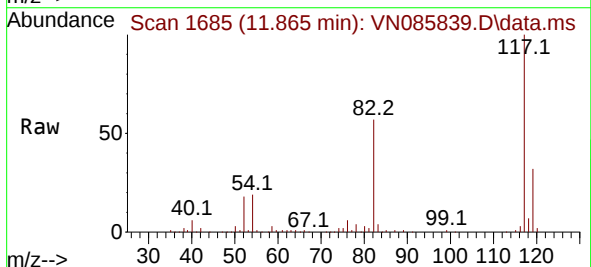
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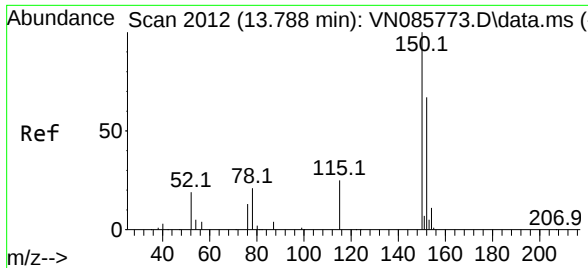
Tgt Ion: 95 Resp: 147244
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.4
176 74.1 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085839.D
Acq: 24 Feb 2025 16:01

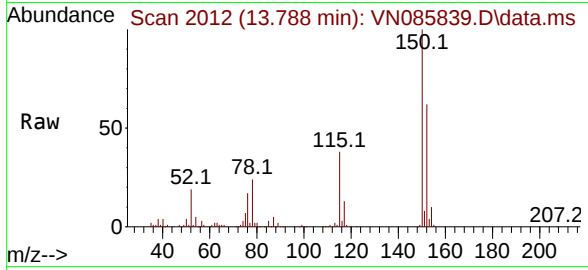
Tgt Ion: 117 Resp: 388209
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 31.5 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085839.D
 Acq: 24 Feb 2025 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02222025



Tgt Ion:	152	Resp:	145806
Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.4	91.3
150	156.4	0.0	345.4

