

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085744.D
 Acq On : 11 Feb 2025 14:51
 Operator : JC\MD
 Sample : PB166652ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166652ZHE#04

Quant Time: Feb 11 23:19:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

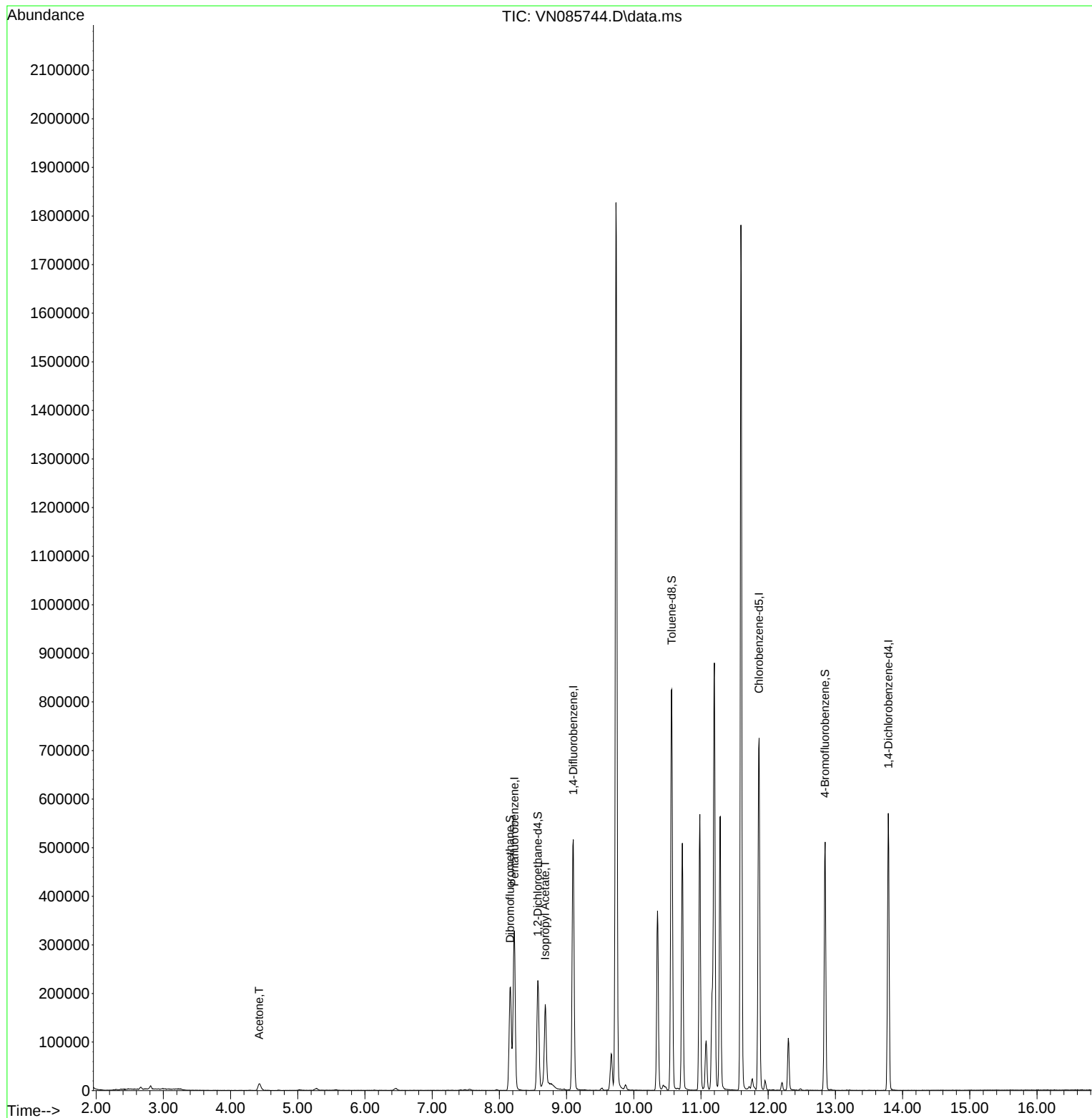
Internal Standards						
1) Pentafluorobenzene	8.224	168	230795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	449363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	424650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	189451	50.852	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.700%		
35) Dibromofluoromethane	8.159	113	156182	50.099	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.200%		
50) Toluene-d8	10.565	98	590469	53.309	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.620%		
62) 4-Bromofluorobenzene	12.847	95	173428	45.772	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.540%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	28040	23.294	ug/l #	87
43) Isopropyl Acetate	8.682	43	225073	31.806	ug/l #	86

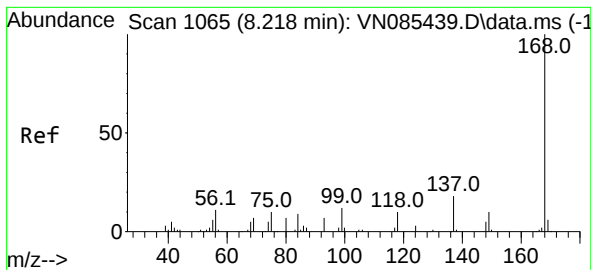
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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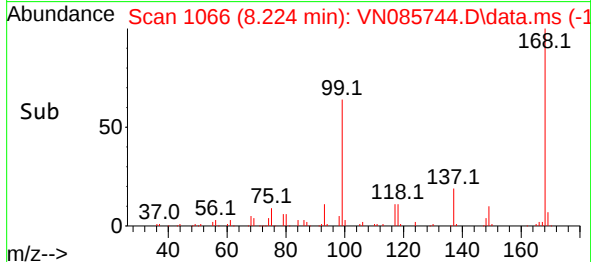
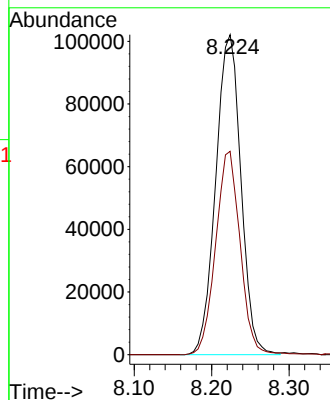
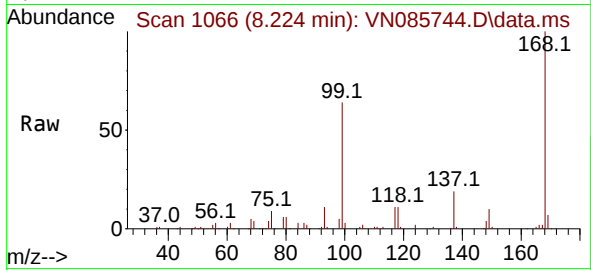




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51

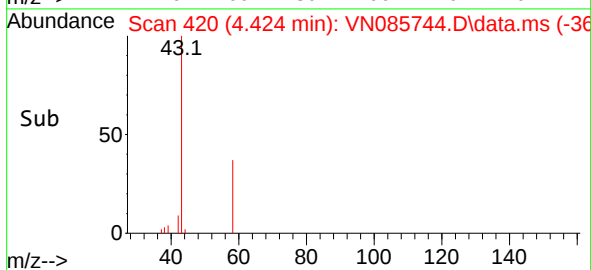
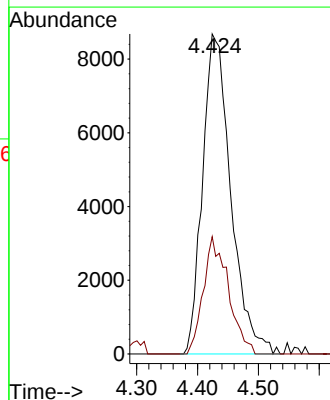
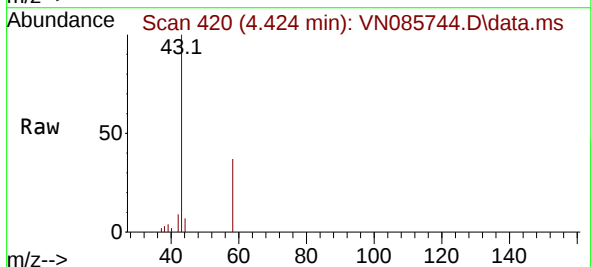
Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#04

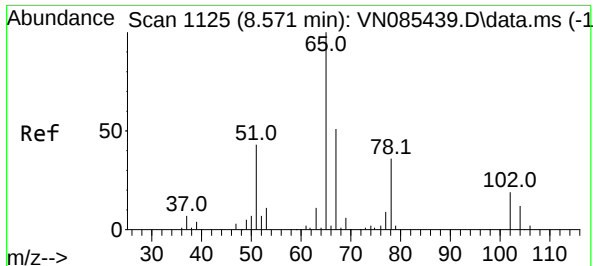
Tgt Ion:168 Resp: 230795
Ion Ratio Lower Upper
168 100
99 63.5 53.6 80.4



#16
Acetone
Concen: 23.294 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51

Tgt Ion: 43 Resp: 28040
Ion Ratio Lower Upper
43 100
58 36.7 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 50.852 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085744.D

Acq: 11 Feb 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

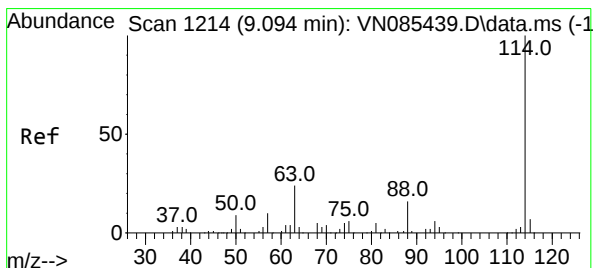
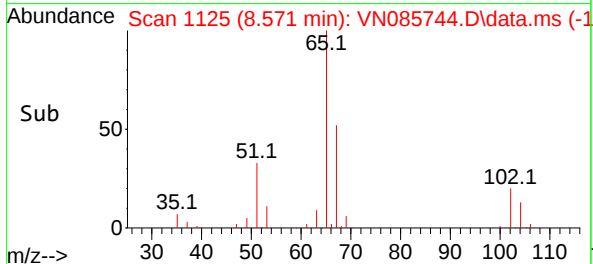
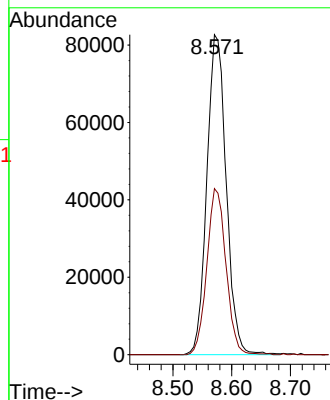
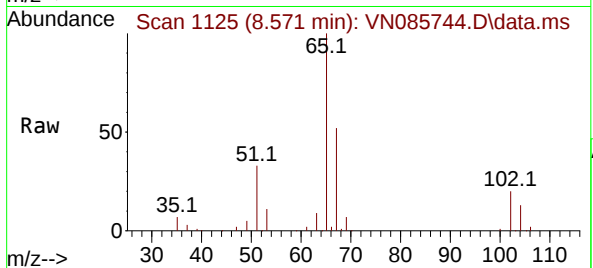
PB166652ZHE#04

Tgt Ion: 65 Resp: 189451

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085744.D

Acq: 11 Feb 2025 14:51

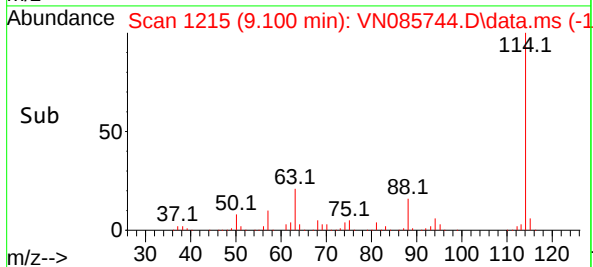
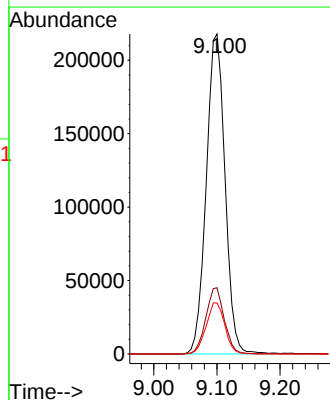
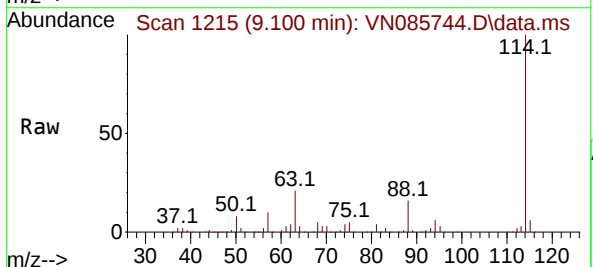
Tgt Ion: 114 Resp: 449363

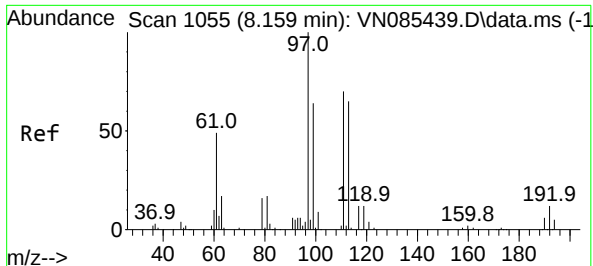
Ion Ratio Lower Upper

114 100

63 20.7 0.0 47.6

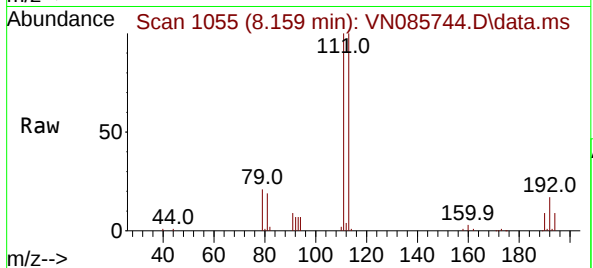
88 15.9 0.0 32.6



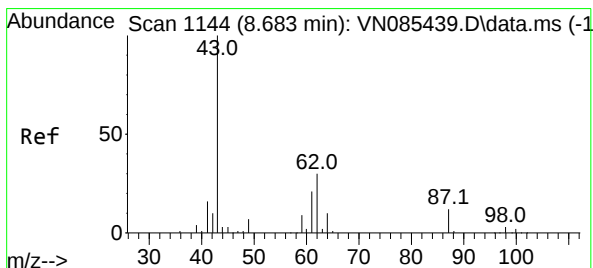
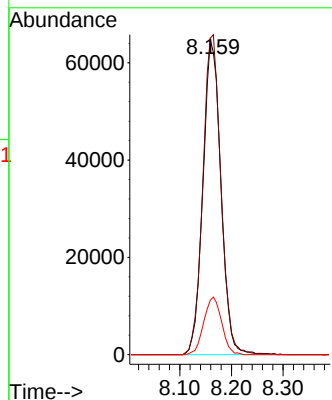
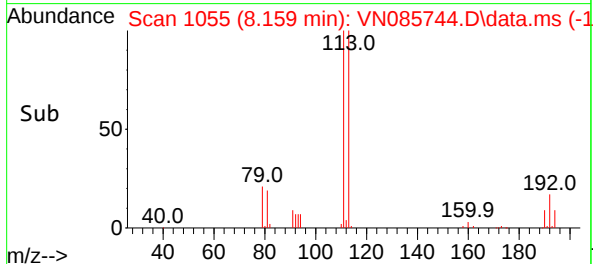


#35
Dibromofluoromethane
Concen: 50.099 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51

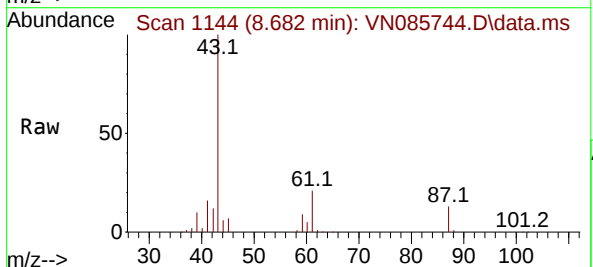
Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#04



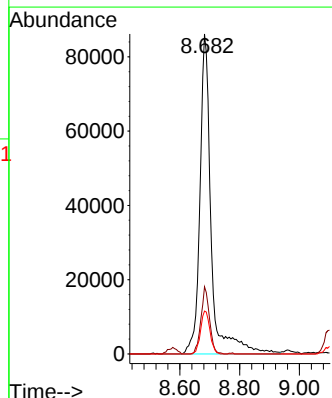
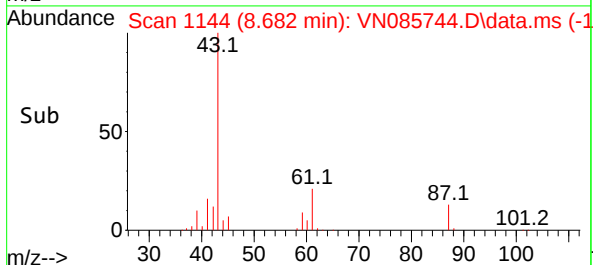
Tgt Ion:113 Resp: 156182
Ion Ratio Lower Upper
113 100
111 102.1 82.7 124.1
192 18.2 14.3 21.5

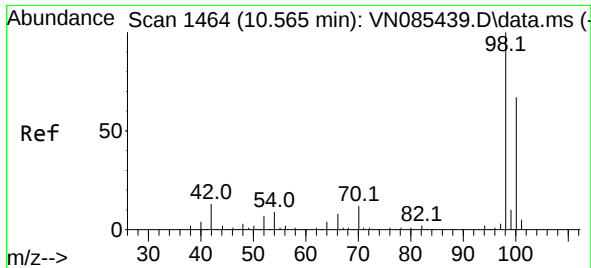


#43
Isopropyl Acetate
Concen: 31.806 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51



Tgt Ion: 43 Resp: 225073
Ion Ratio Lower Upper
43 100
61 15.8 20.7 31.1#
87 11.1 9.8 14.8

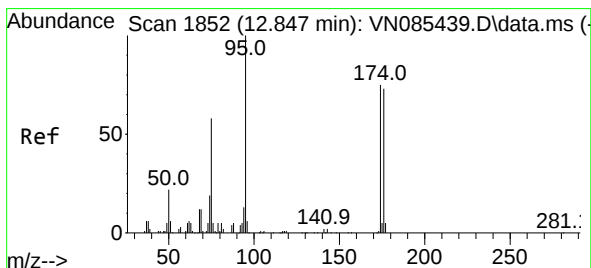
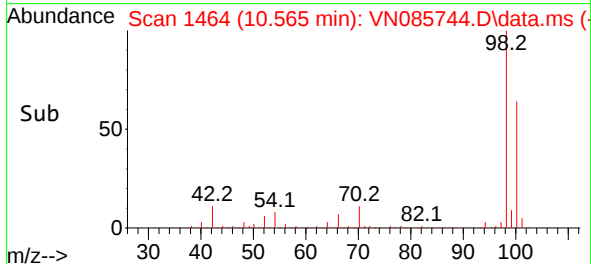
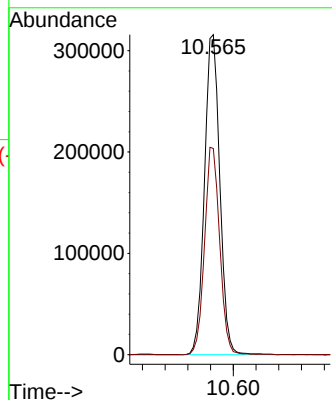
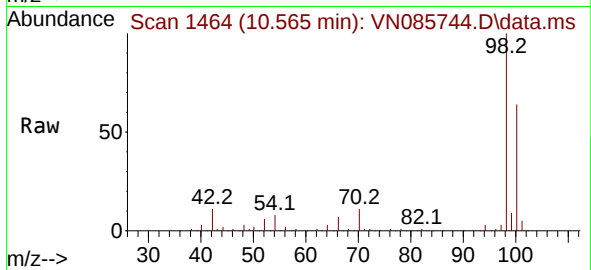




#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51

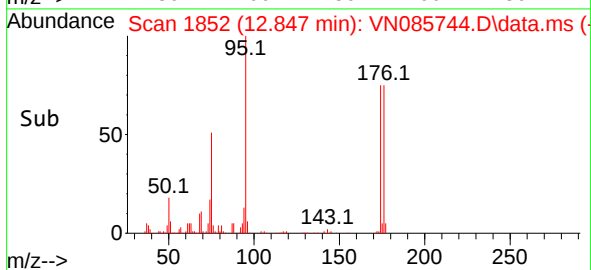
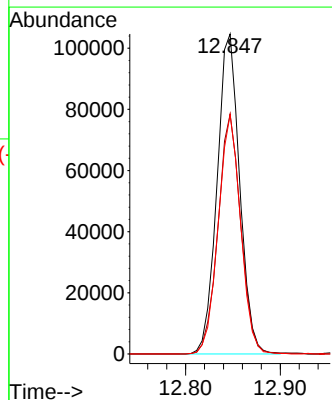
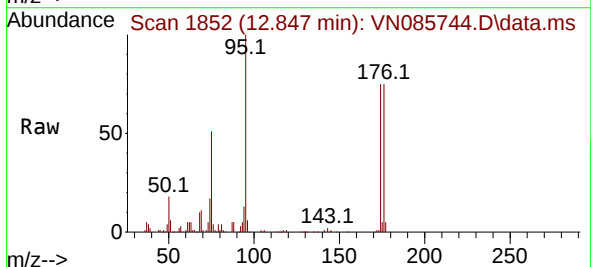
Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#04

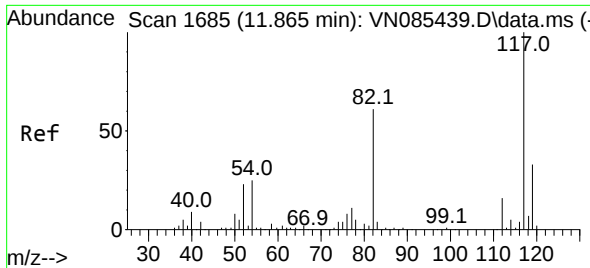
Tgt Ion: 98 Resp: 590469
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51

Tgt Ion: 95 Resp: 173428
Ion Ratio Lower Upper
95 100
174 75.5 0.0 145.0
176 73.9 0.0 142.4

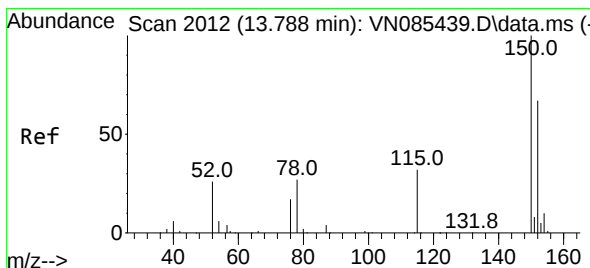
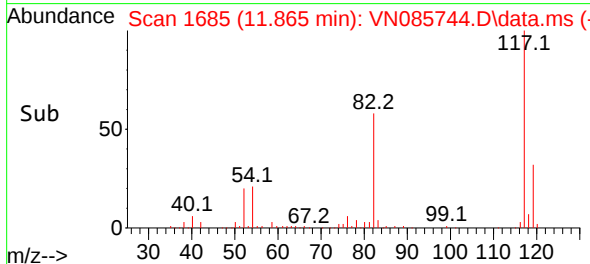
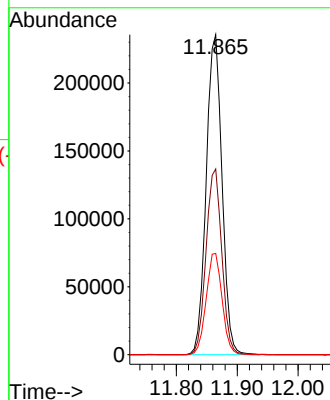
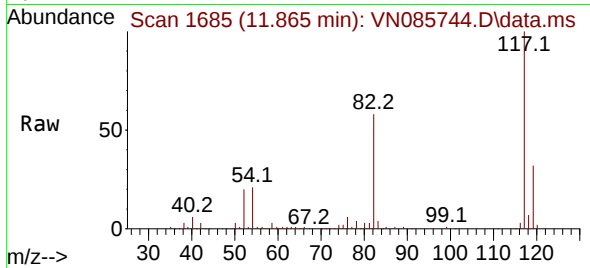




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51

Instrument :
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PB166652ZHE#04

Tgt Ion:117 Resp: 424650
Ion Ratio Lower Upper
117 100
82 58.0 48.6 72.8
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085744.D
Acq: 11 Feb 2025 14:51

Tgt Ion:152 Resp: 154925
Ion Ratio Lower Upper
152 100
115 60.8 31.1 93.3
150 156.9 0.0 343.6

