

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085743.D
 Acq On : 11 Feb 2025 14:27
 Operator : JC\MD
 Sample : PB166652ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166652ZHE#03

Quant Time: Feb 11 23:19:03 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)

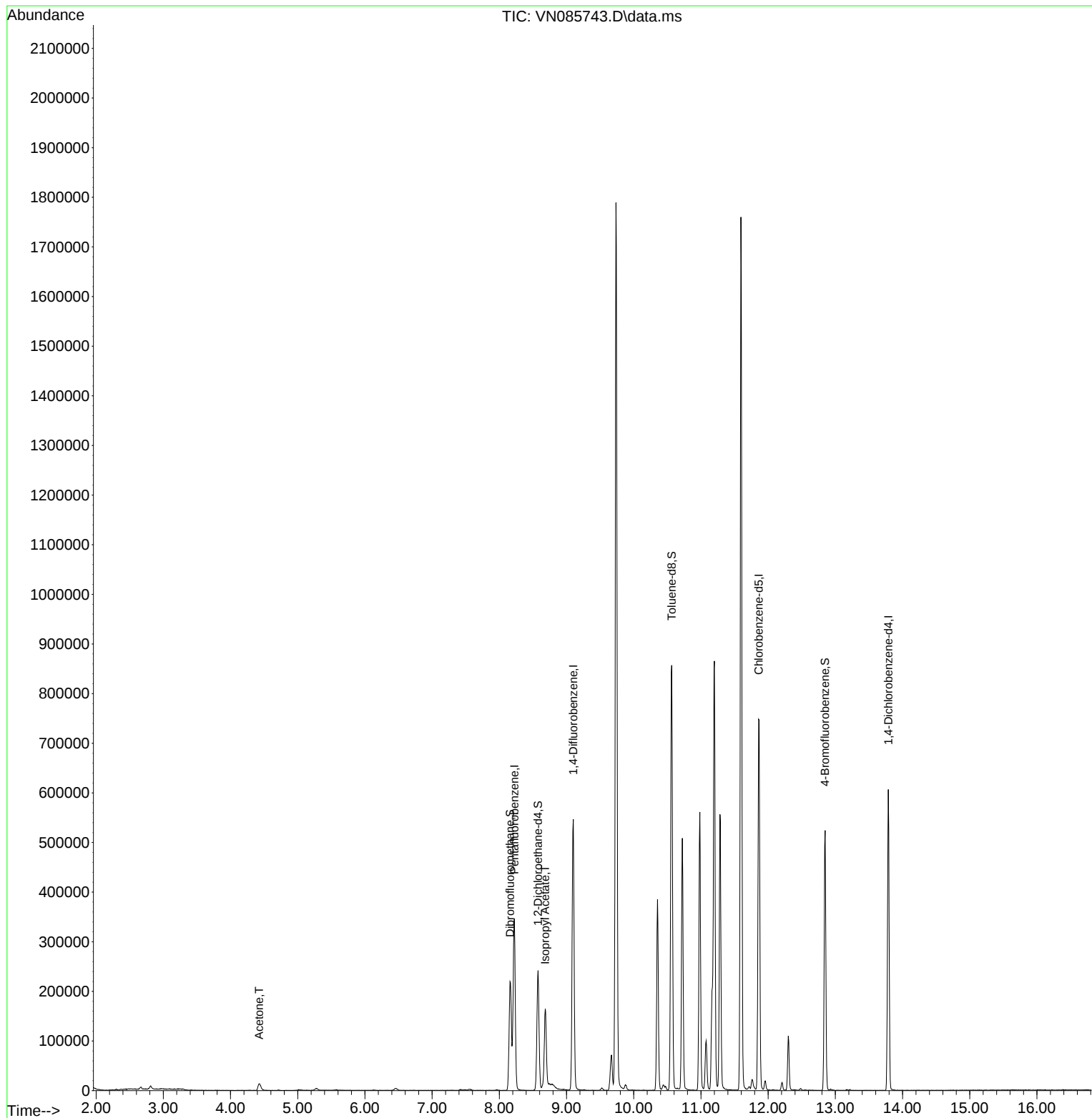
Internal Standards						
1) Pentafluorobenzene	8.224	168	245352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	474107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	443799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	165716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	195487	49.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	8.159	113	161993	49.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	10.565	98	612834	52.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.847	95	182112	45.556	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.120%
Target Compounds						
16) Acetone	4.424	43	26613	20.797	ug/l	95
43) Isopropyl Acetate	8.683	43	192114	25.732	ug/l #	89

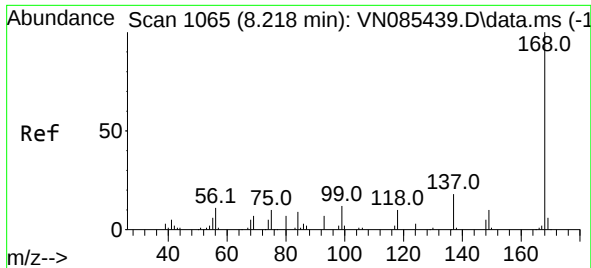
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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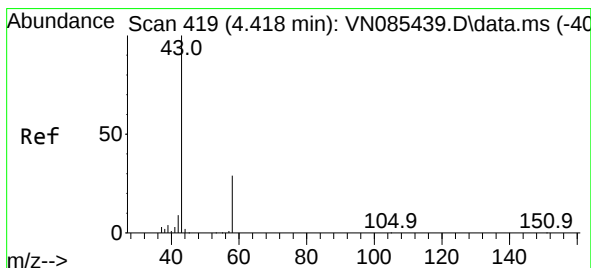
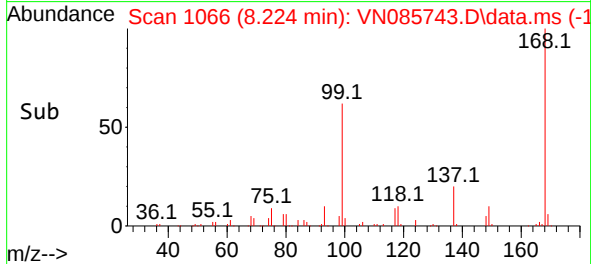
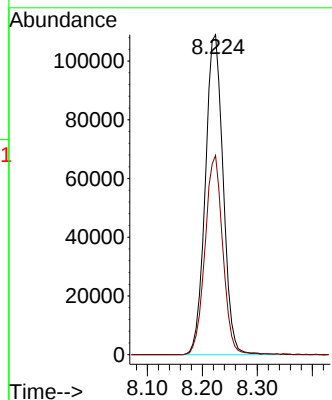
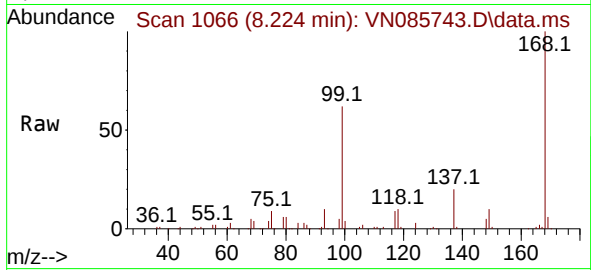




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085743.D
Acq: 11 Feb 2025 14:27

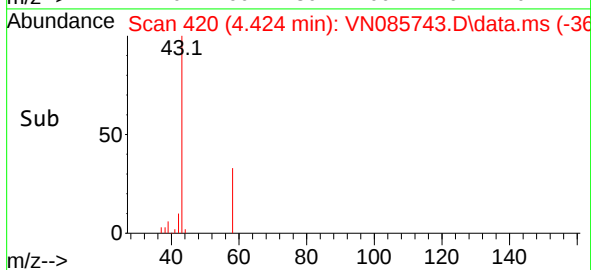
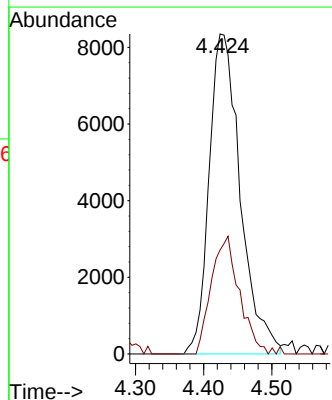
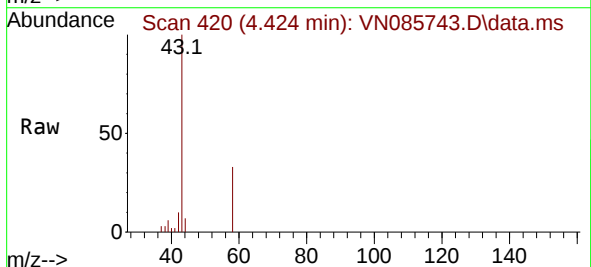
Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#03

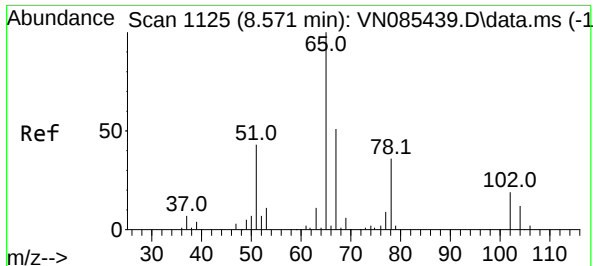
Tgt Ion:168 Resp: 245352
Ion Ratio Lower Upper
168 100
99 62.3 53.6 80.4



#16
Acetone
Concen: 20.797 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085743.D
Acq: 11 Feb 2025 14:27

Tgt Ion: 43 Resp: 26613
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 49.359 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085743.D

Acq: 11 Feb 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

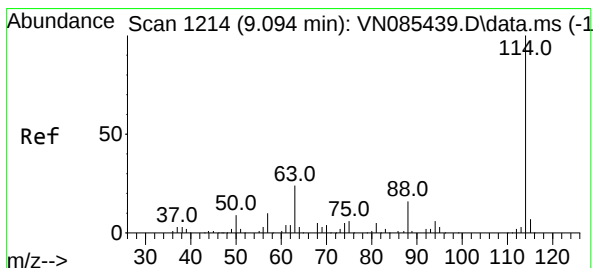
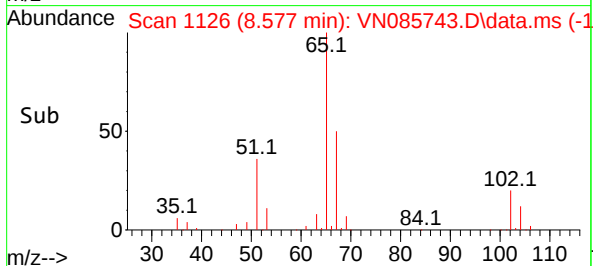
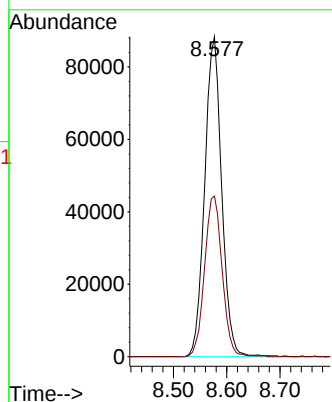
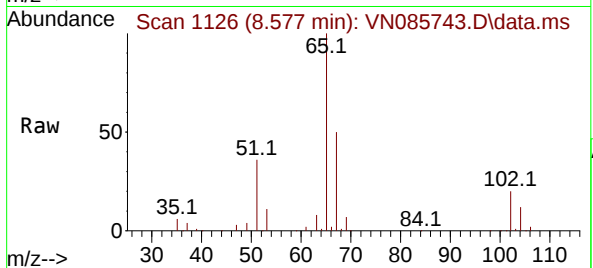
PB166652ZHE#03

Tgt Ion: 65 Resp: 195487

Ion Ratio Lower Upper

65 100

67 52.0 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: VN085743.D

Acq: 11 Feb 2025 14:27

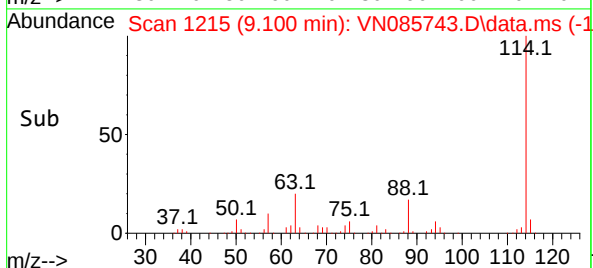
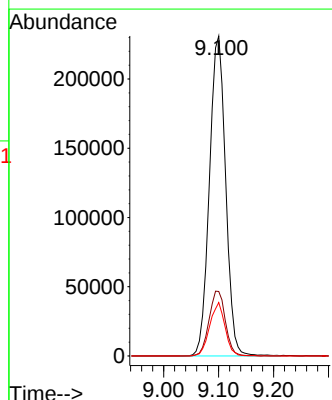
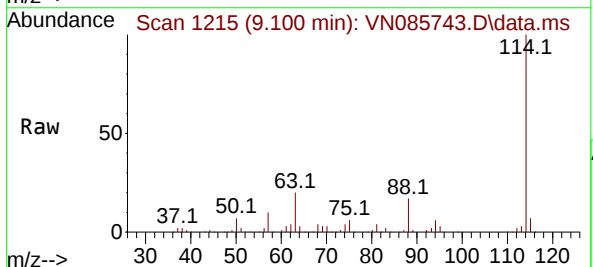
Tgt Ion: 114 Resp: 474107

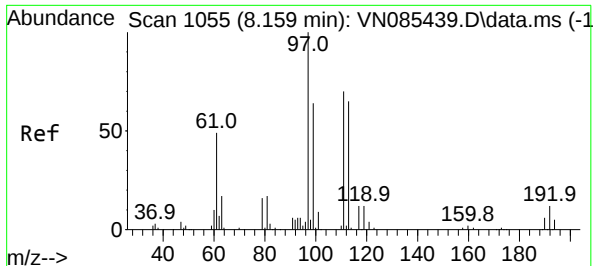
Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.251 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085743.D

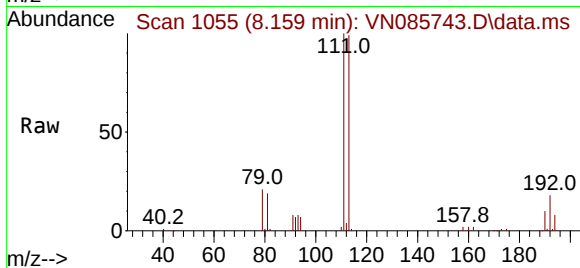
Acq: 11 Feb 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

PB166652ZHE#03



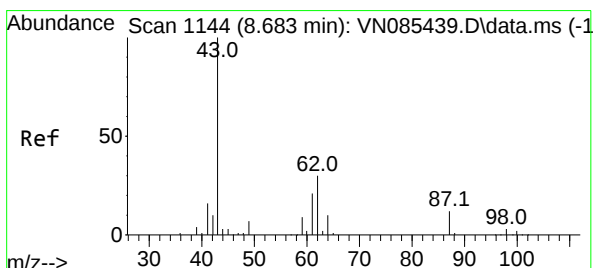
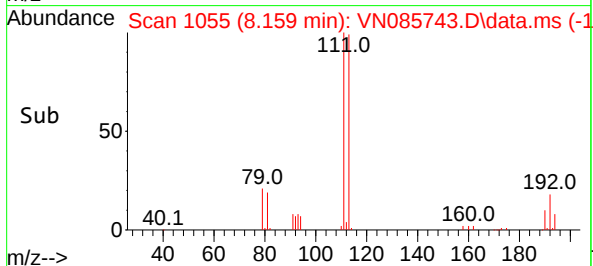
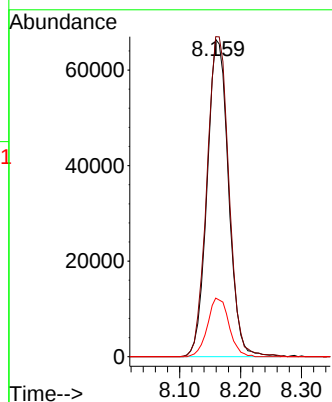
Tgt Ion:113 Resp: 161993

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

192 18.5 14.3 21.5



#43

Isopropyl Acetate

Concen: 25.732 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085743.D

Acq: 11 Feb 2025 14:27

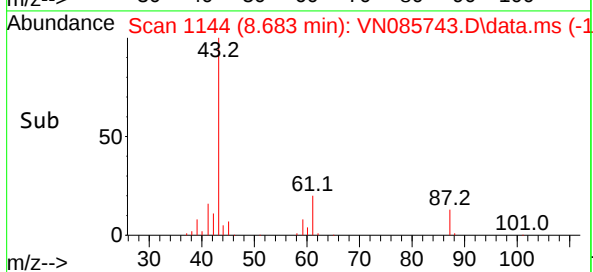
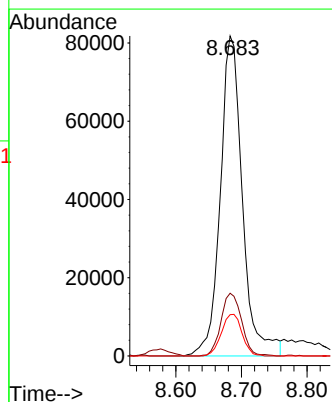
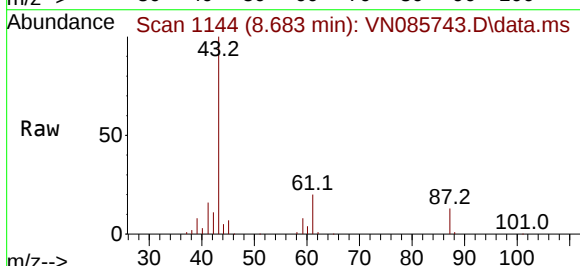
Tgt Ion: 43 Resp: 192114

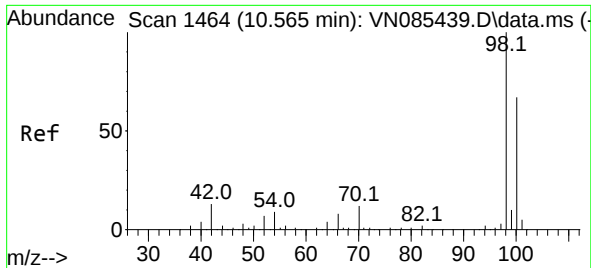
Ion Ratio Lower Upper

43 100

61 18.2 20.7 31.1#

87 12.1 9.8 14.8

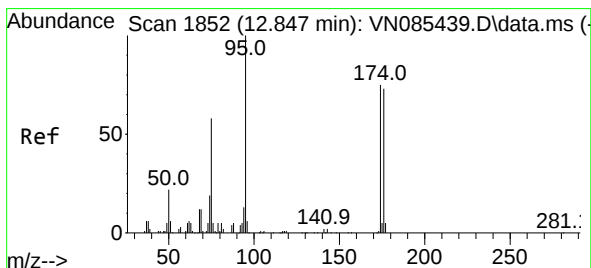
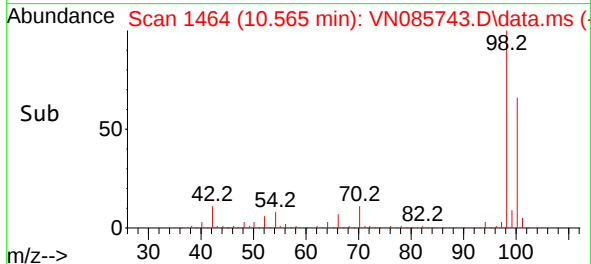
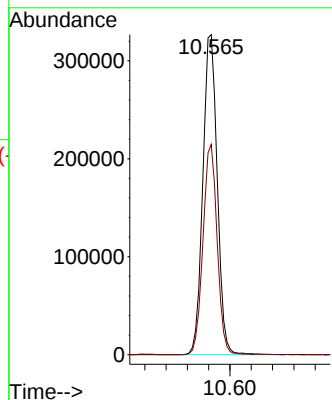
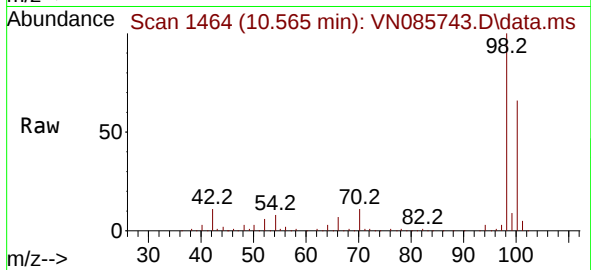




#50
Toluene-d8
Concen: 52.441 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085743.D
Acq: 11 Feb 2025 14:27

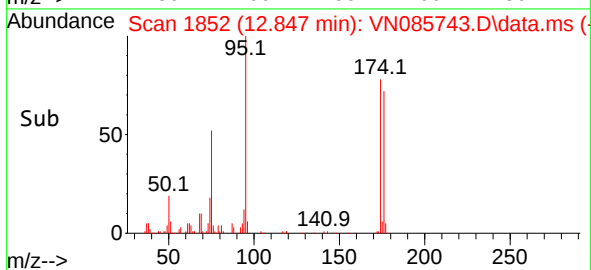
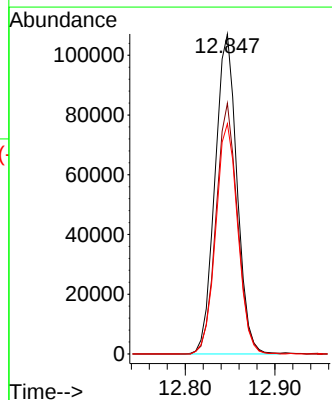
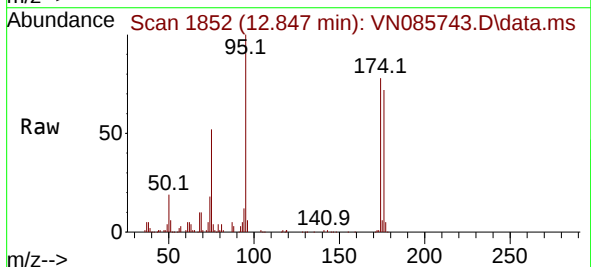
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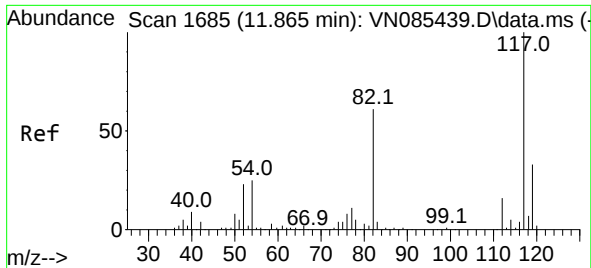
Tgt Ion: 98 Resp: 612834
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.556 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085743.D
Acq: 11 Feb 2025 14:27

Tgt Ion: 95 Resp: 182112
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 72.1 0.0 142.4

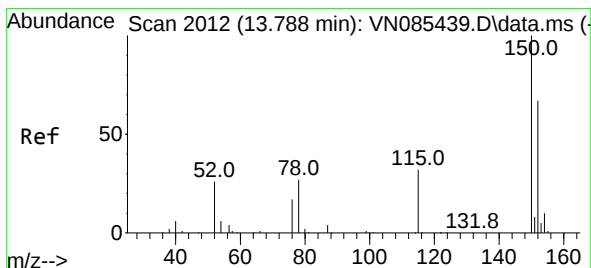
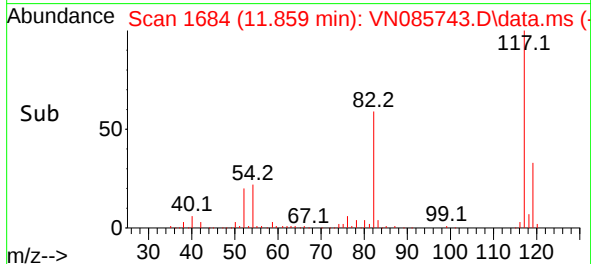
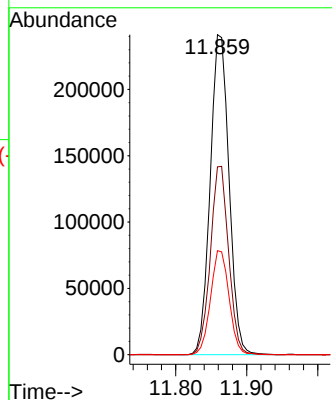
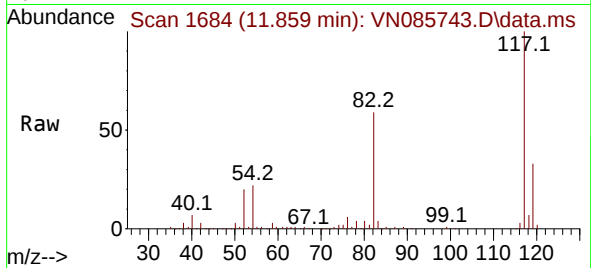




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085743.D
Acq: 11 Feb 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#03

Tgt Ion:117 Resp: 443799
Ion Ratio Lower Upper
117 100
82 58.7 48.6 72.8
119 32.5 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: VN085743.D
Acq: 11 Feb 2025 14:27

Tgt Ion:152 Resp: 165716
Ion Ratio Lower Upper
152 100
115 59.4 31.1 93.3
150 155.6 0.0 343.6

