

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086400.D
 Acq On : 28 Apr 2025 10:34
 Operator : JC\MD
 Sample : VN0428MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428MBL01

Quant Time: Apr 29 01:47:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	178399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124722	48.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.420%
35) Dibromofluoromethane	8.165	113	88614	57.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.040%
50) Toluene-d8	10.565	98	415458	50.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.847	95	143240	47.285	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.580%

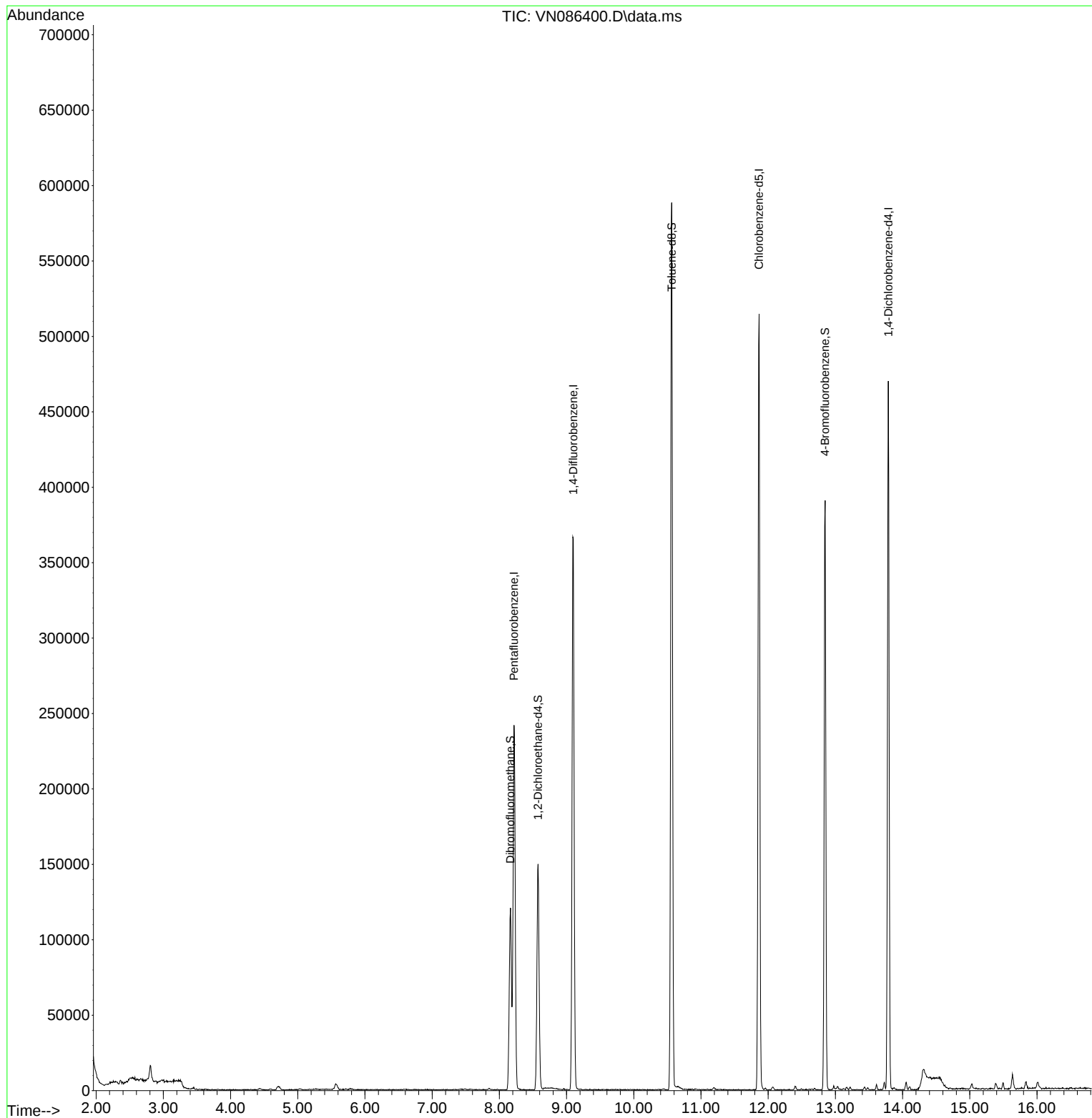
Target Compounds	Qvalue

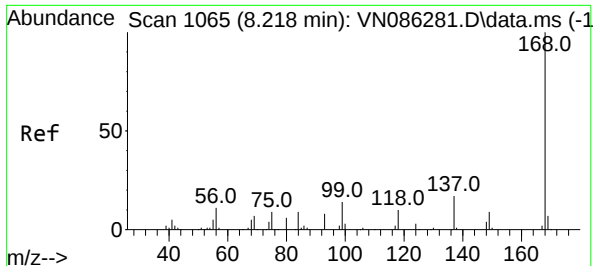
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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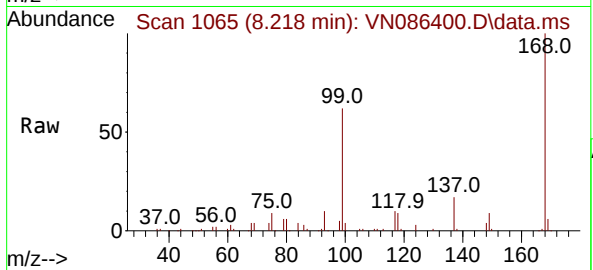
Quant Time: Apr 29 01:47:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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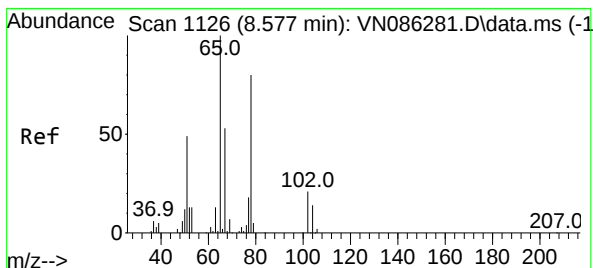
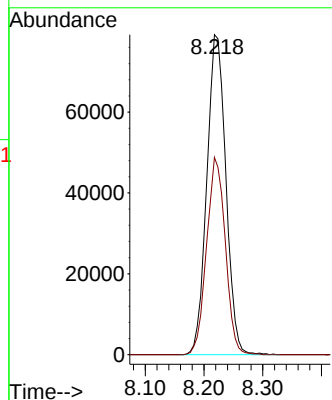
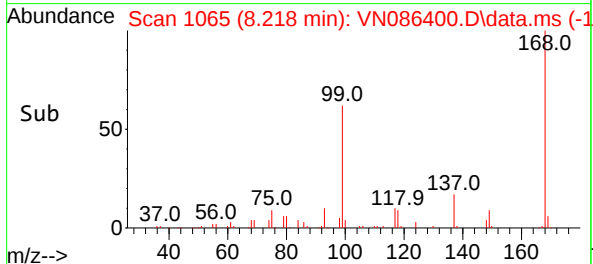


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
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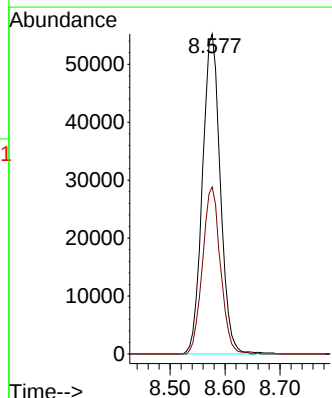
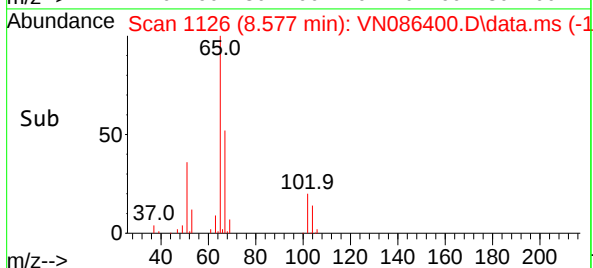
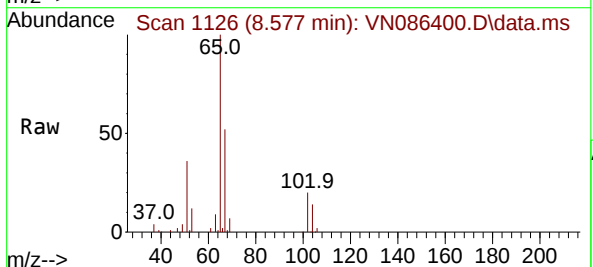


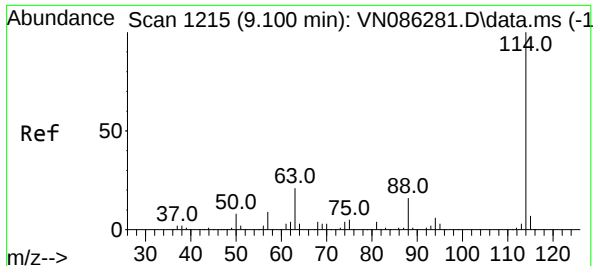
Tgt Ion:168 Resp: 178399
Ion Ratio Lower Upper
168 100
99 61.7 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.212 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 65 Resp: 124722
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086400.D

Acq: 28 Apr 2025 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0428MBL01

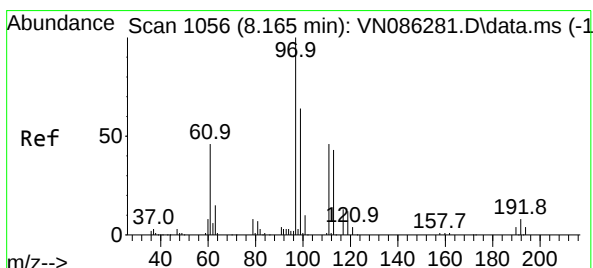
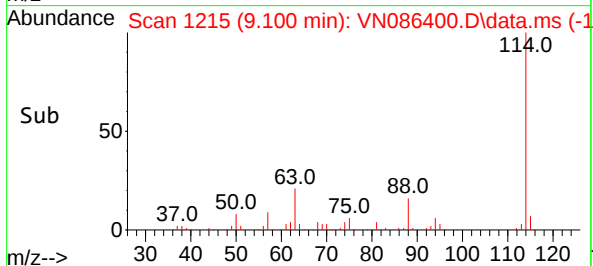
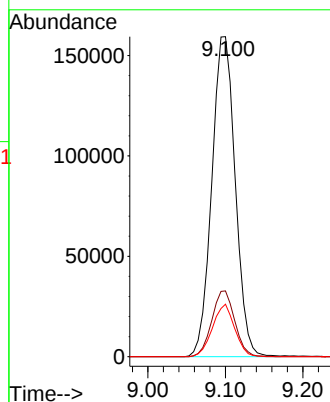
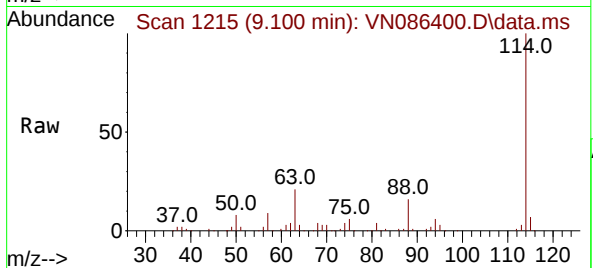
Tgt Ion:114 Resp: 334831

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.023 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086400.D

Acq: 28 Apr 2025 10:34

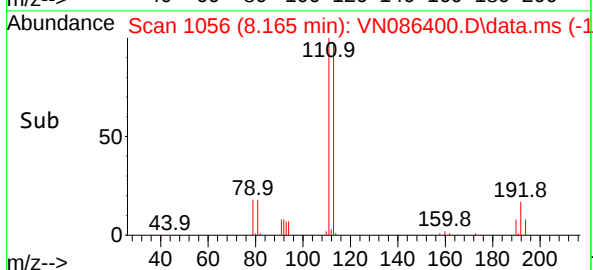
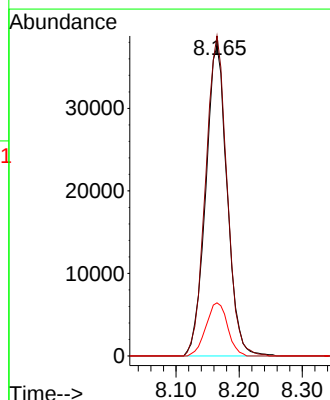
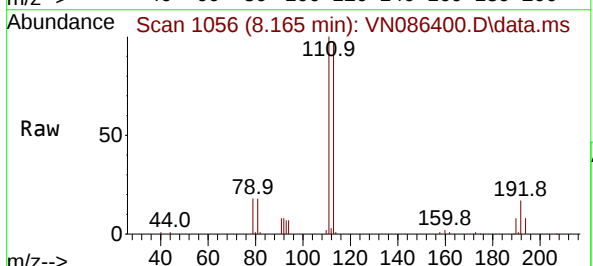
Tgt Ion:113 Resp: 88614

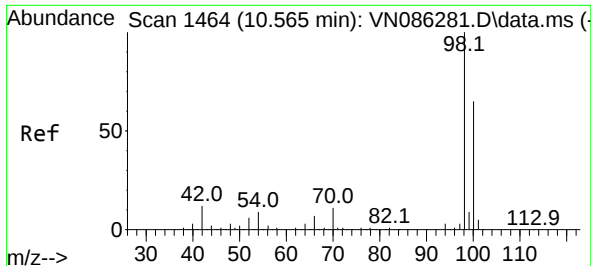
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.0

192 17.2 13.7 20.5

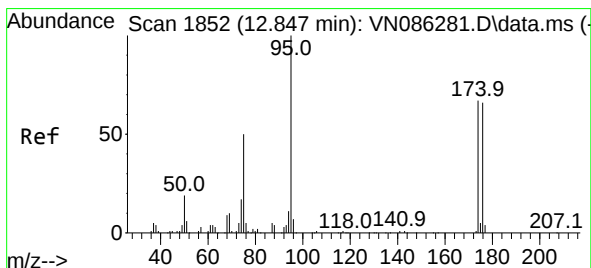
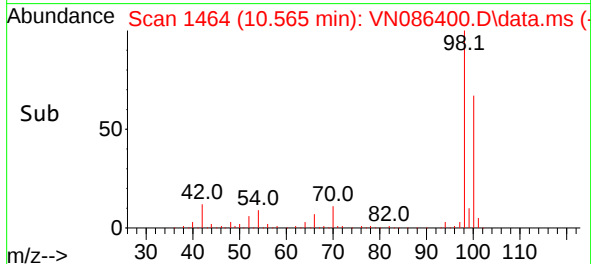
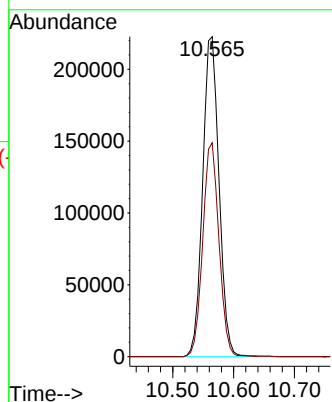
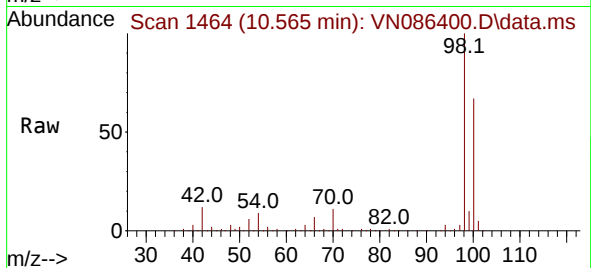




#50
Toluene-d8
Concen: 50.023 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

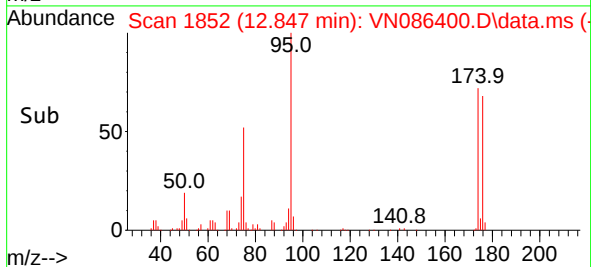
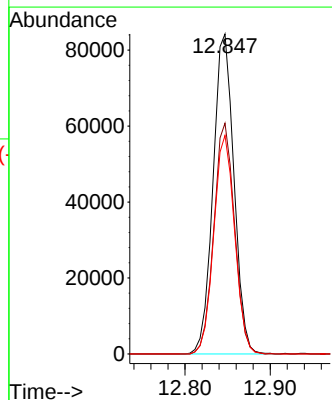
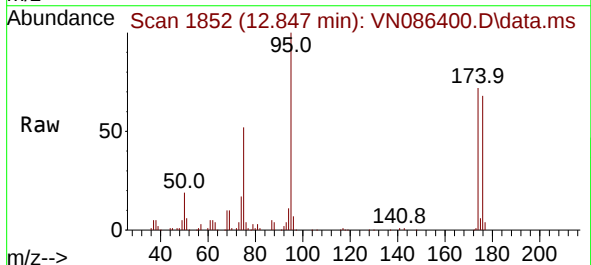
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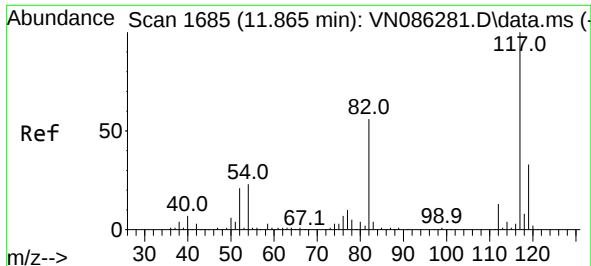
Tgt Ion: 98 Resp: 415458
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.285 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 95 Resp: 143240
Ion Ratio Lower Upper
95 100
174 71.7 0.0 133.4
176 68.3 0.0 129.2

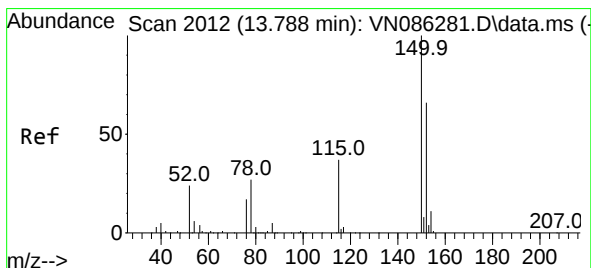
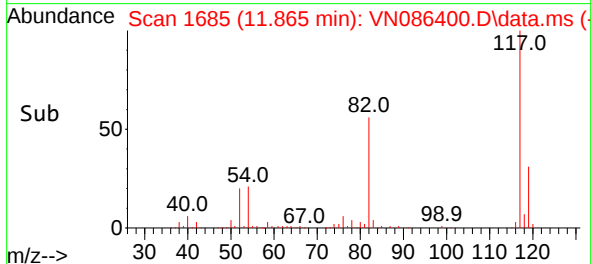
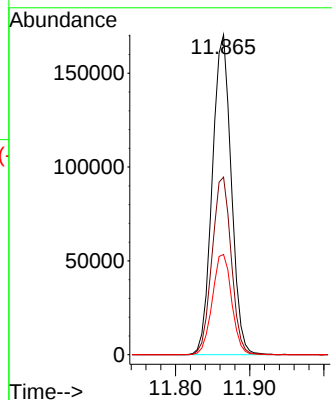
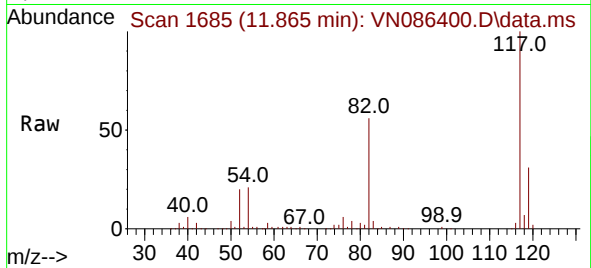




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:117 Resp: 302710
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:152 Resp: 127091
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.9
150 156.8 0.0 352.0

