

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086628.D
 Acq On : 14 May 2025 15:45
 Operator : JC\MD
 Sample : Q2014-05
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0148

Quant Time: May 15 03:05:00 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)

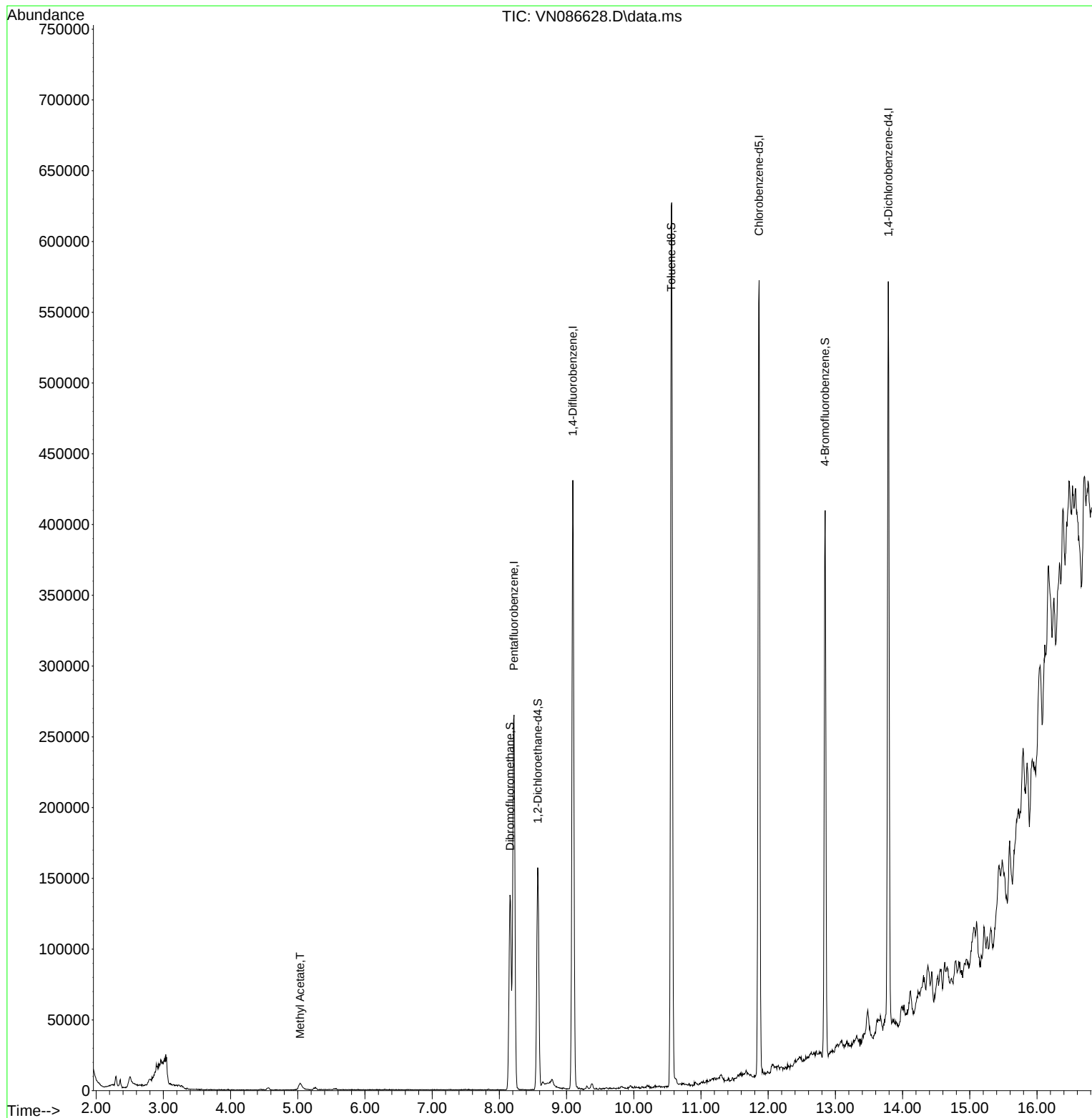
Internal Standards						
1) Pentafluorobenzene	8.218	168	199672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	381650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	342961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	128482	44.374	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.740%
35) Dibromofluoromethane	8.159	113	104434	58.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.920%
50) Toluene-d8	10.559	98	451989	47.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.847	95	145330	42.090	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.180%
Target Compounds						
18) Methyl Acetate	5.036	43	12247	3.524	ug/l	Qvalue # 67

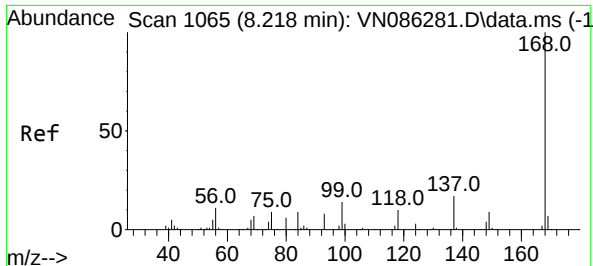
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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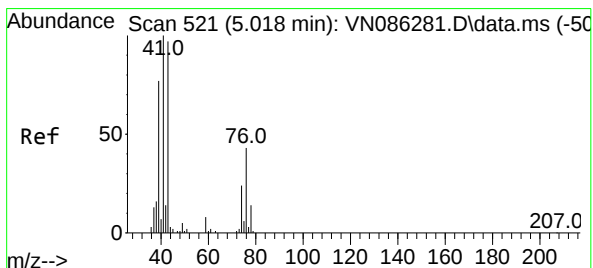
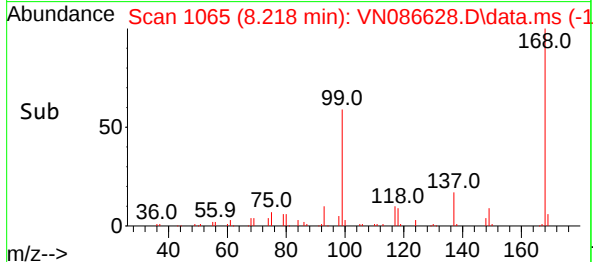
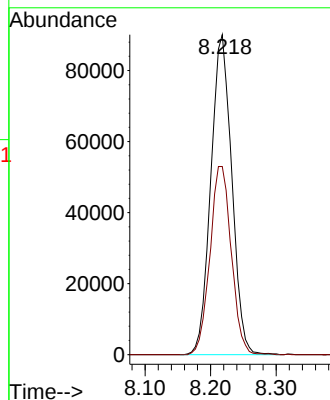
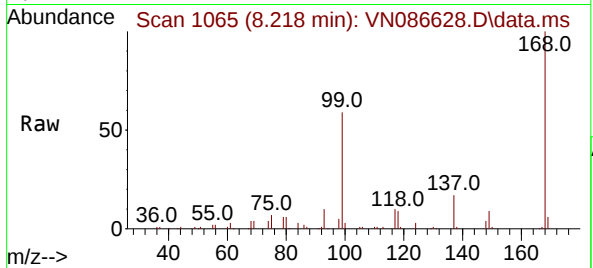




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086628.D
Acq: 14 May 2025 15:45

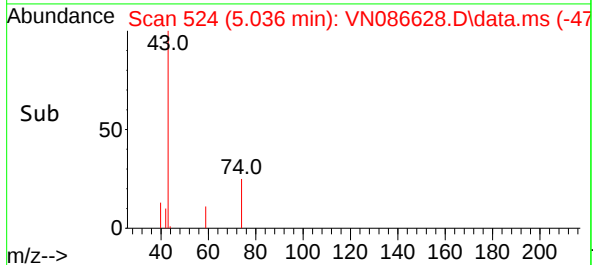
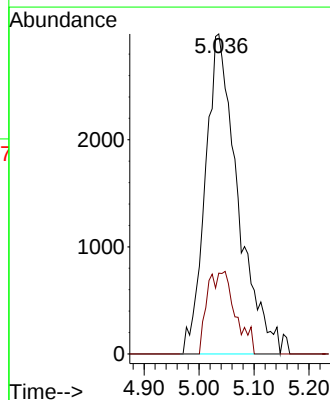
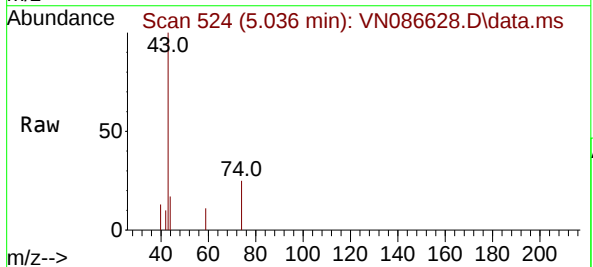
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0148

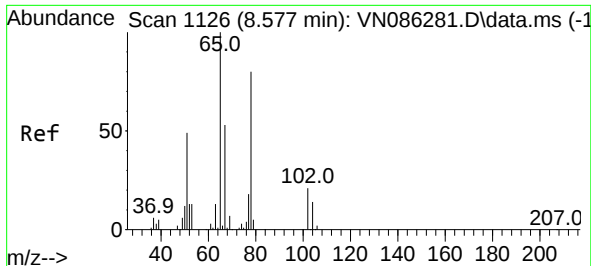
Tgt Ion:168 Resp: 199672
Ion Ratio Lower Upper
168 100
99 58.8 52.5 78.7



#18
Methyl Acetate
Concen: 3.524 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN086628.D
Acq: 14 May 2025 15:45

Tgt Ion: 43 Resp: 12247
Ion Ratio Lower Upper
43 100
74 8.0 19.8 29.6#





#33

1,2-Dichloroethane-d4

Concen: 44.374 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086628.D

Acq: 14 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

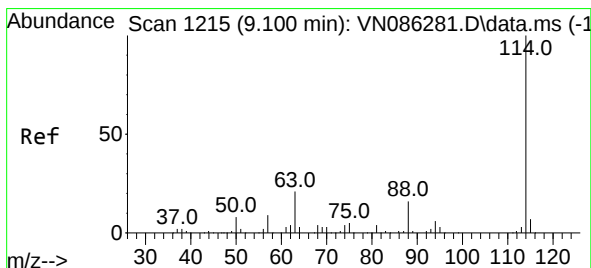
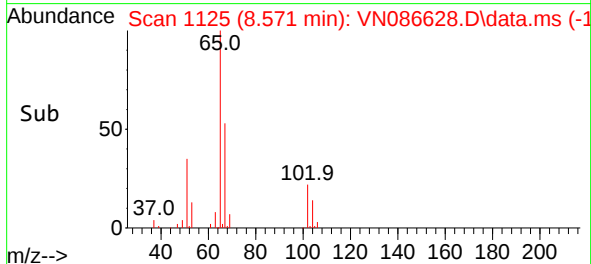
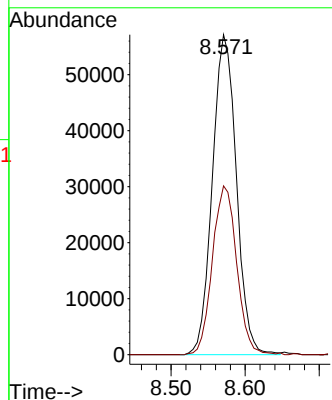
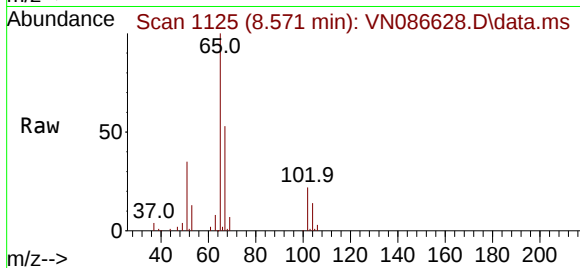
MOO-25-0148

Tgt Ion: 65 Resp: 128482

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086628.D

Acq: 14 May 2025 15:45

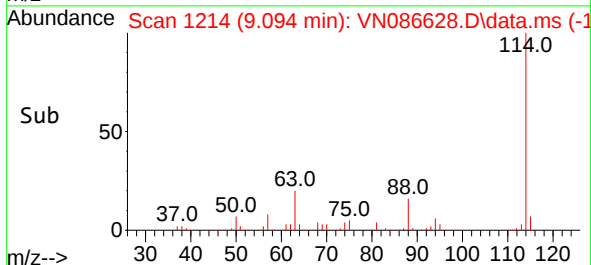
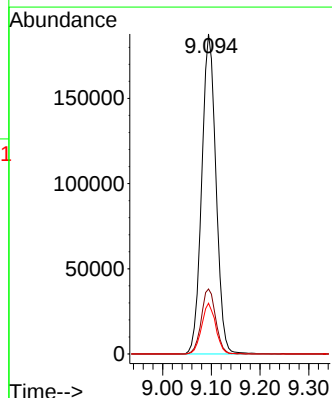
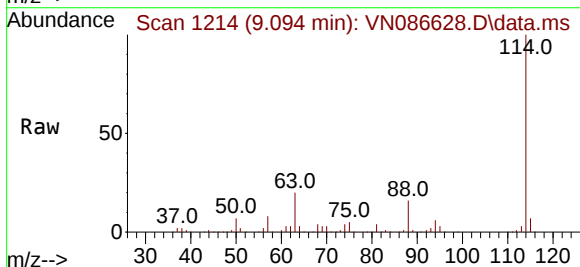
Tgt Ion: 114 Resp: 381650

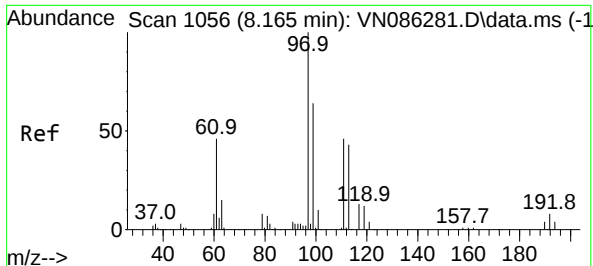
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.8 0.0 31.8

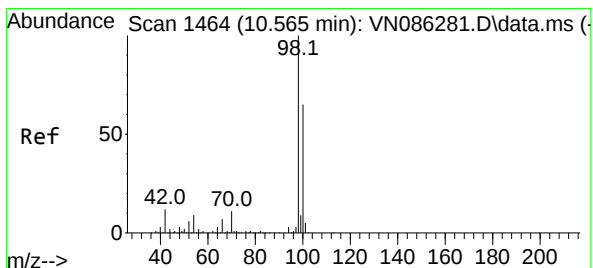
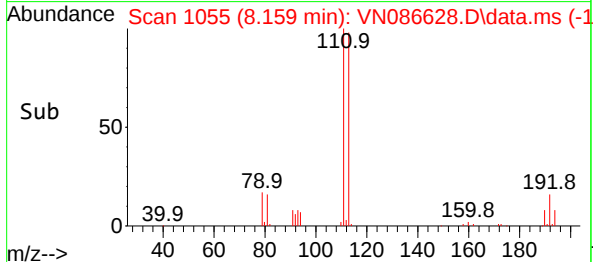
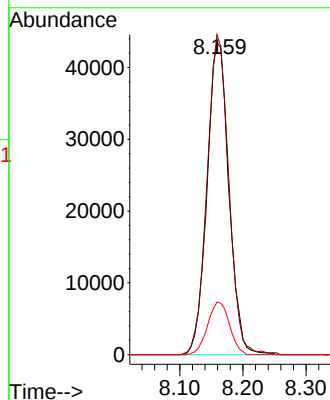
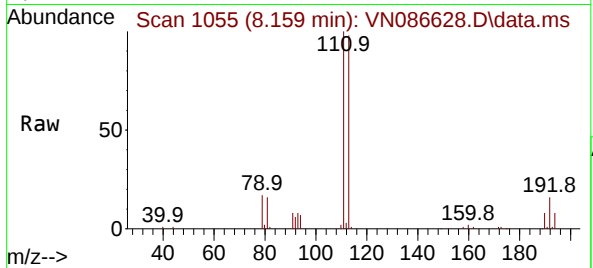




#35
Dibromofluoromethane
Concen: 58.959 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086628.D
Acq: 14 May 2025 15:45

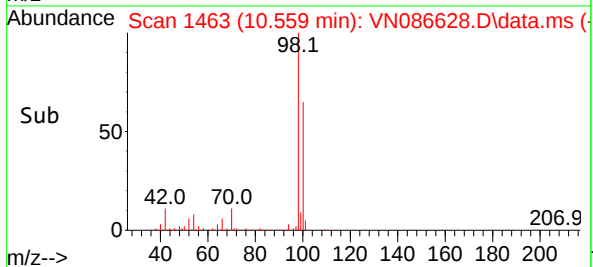
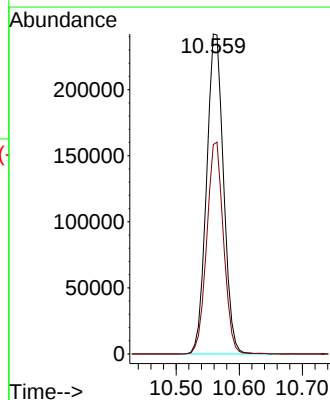
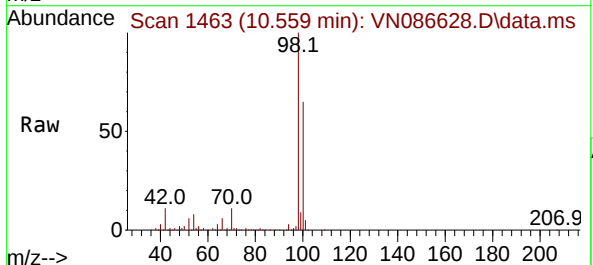
Instrument :
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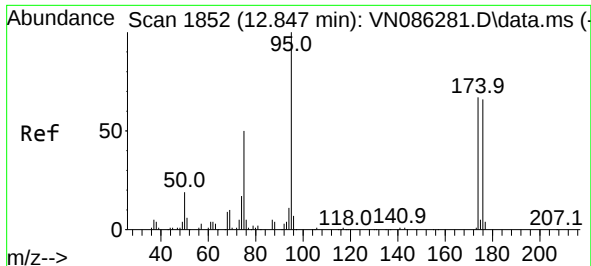
Tgt Ion:113 Resp: 104434
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 16.9 13.7 20.5



#50
Toluene-d8
Concen: 47.746 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN086628.D
Acq: 14 May 2025 15:45

Tgt Ion: 98 Resp: 451989
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

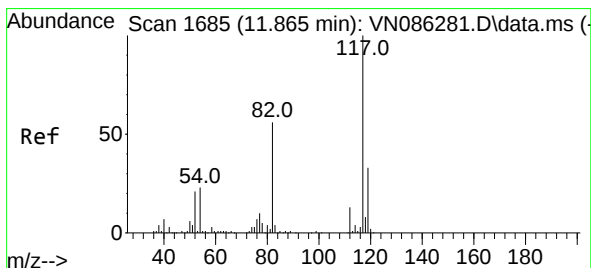
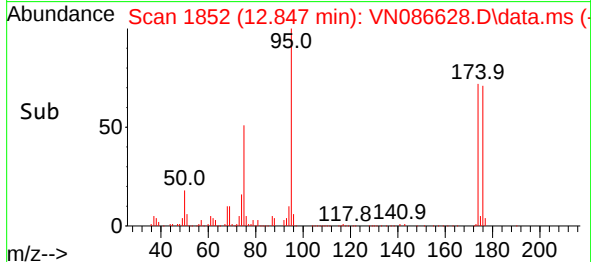
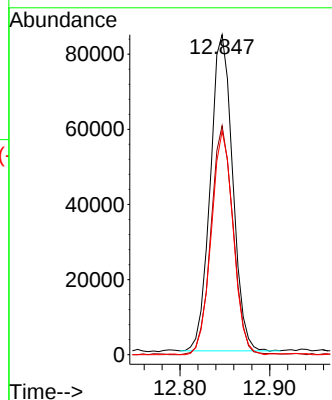
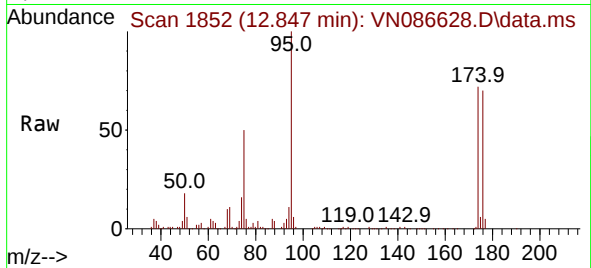




#62
4-Bromofluorobenzene
Concen: 42.090 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086628.D
Acq: 14 May 2025 15:45

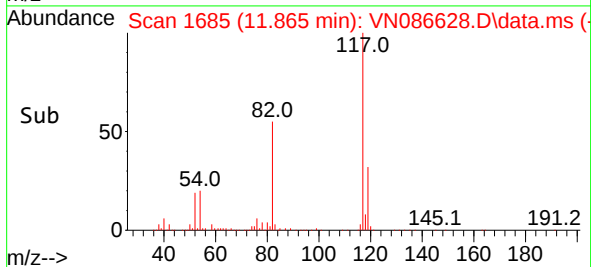
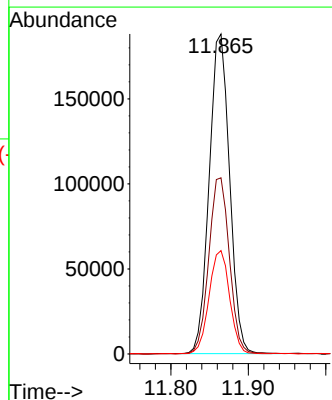
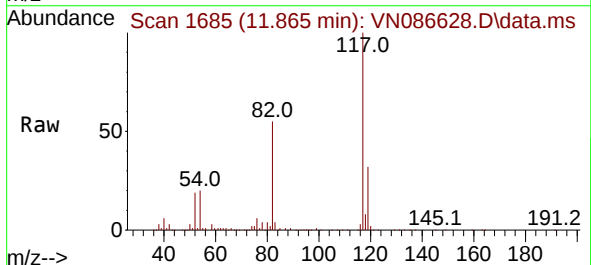
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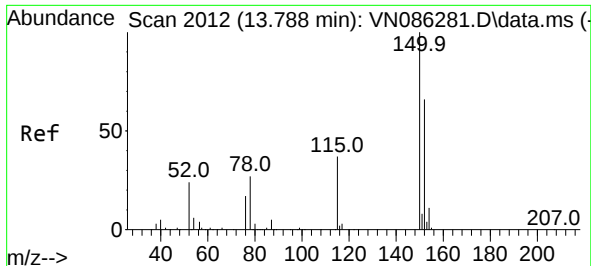
Tgt Ion: 95 Resp: 145330
Ion Ratio Lower Upper
95 100
174 71.9 0.0 133.4
176 69.4 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086628.D
Acq: 14 May 2025 15:45

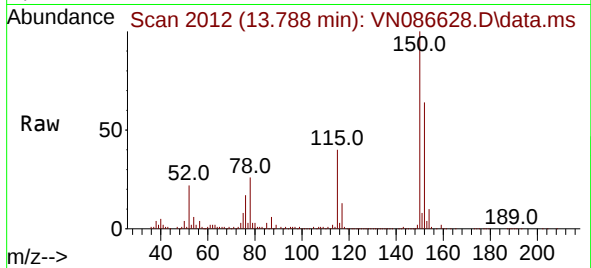
Tgt Ion: 117 Resp: 342961
Ion Ratio Lower Upper
117 100
82 55.0 44.7 67.1
119 32.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086628.D
 Acq: 14 May 2025 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0148



Tgt Ion:152 Resp: 144287
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.9 95.9
 150 158.7 0.0 352.0

