

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
 Data File : VN087284.D
 Acq On : 07 Jul 2025 10:45
 Operator : JC\MD
 Sample : VN0707WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0707WBL01

Quant Time: Jul 08 01:28:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	183454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	339704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129549	56.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.540%
35) Dibromofluoromethane	8.177	113	113295	52.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.180%
50) Toluene-d8	10.565	98	412523	48.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.847	95	136254	45.167	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.340%

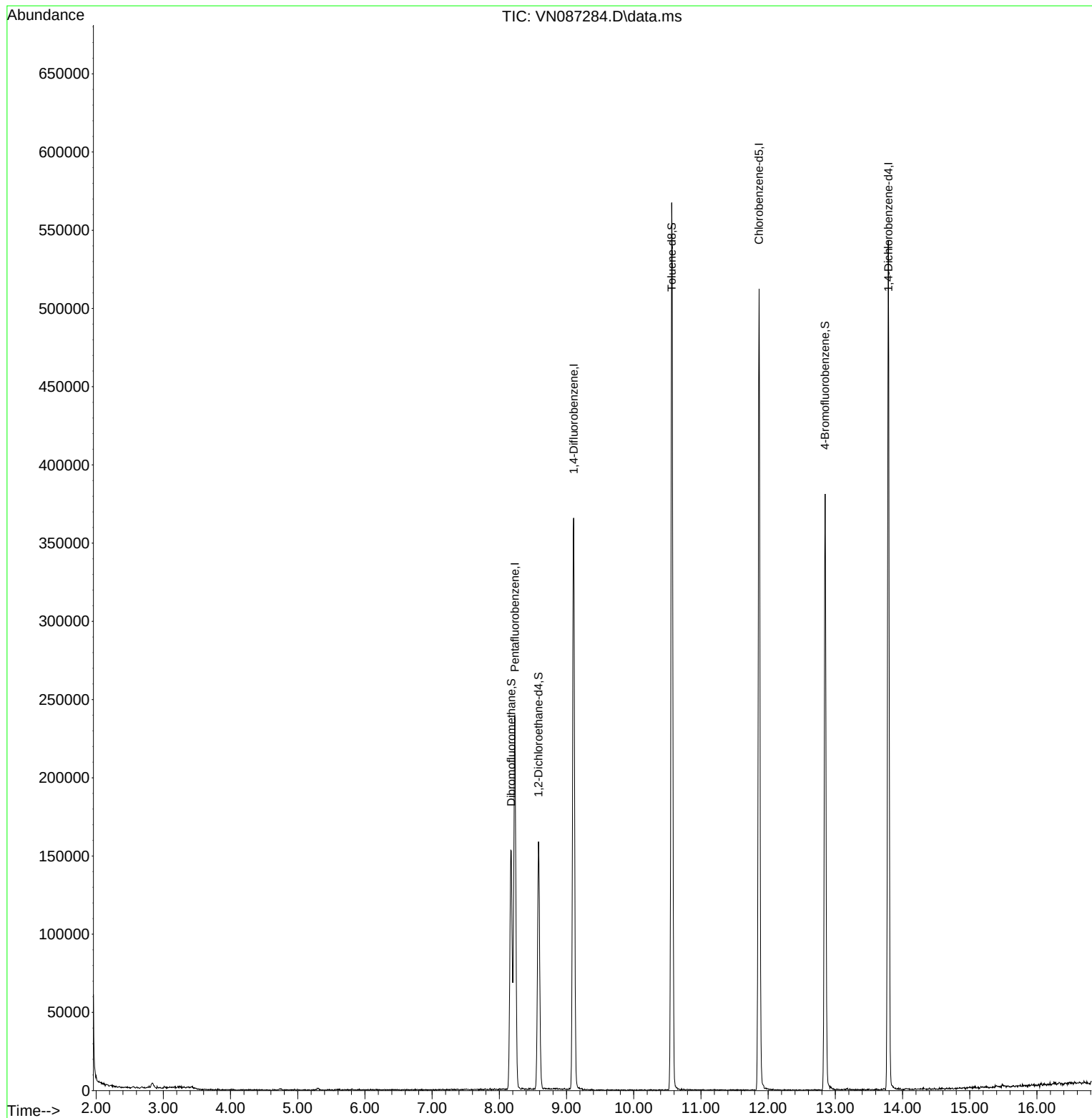
Target Compounds	Qvalue

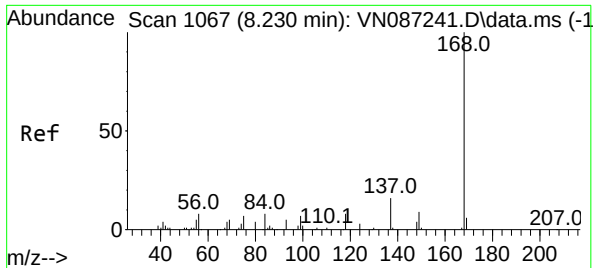
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
Data File : VN087284.D
Acq On : 07 Jul 2025 10:45
Operator : JC\MD
Sample : VN0707WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0707WBL01

Quant Time: Jul 08 01:28:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

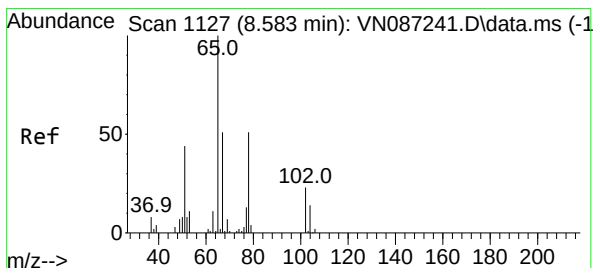
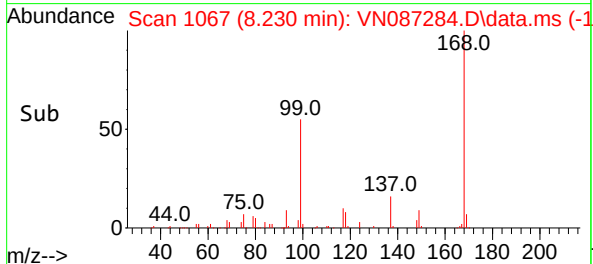
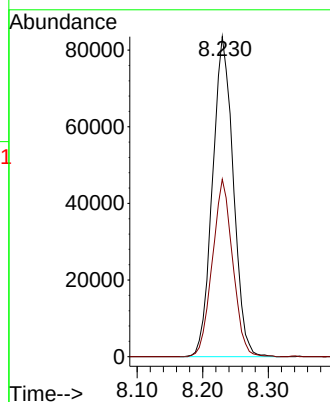
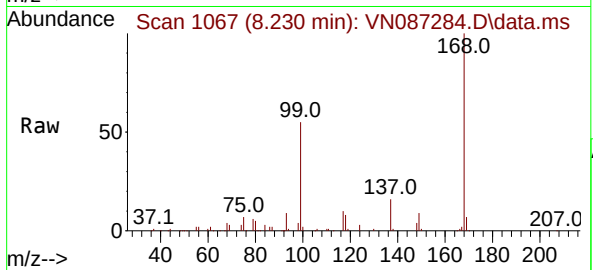




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087284.D
Acq: 07 Jul 2025 10:45

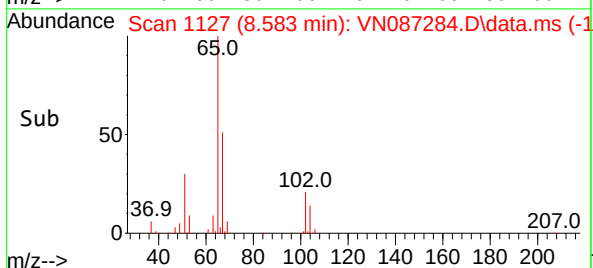
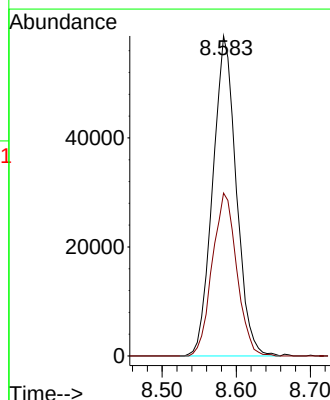
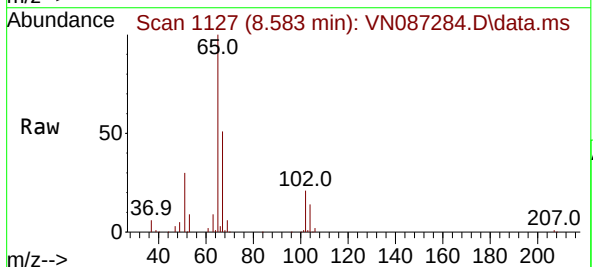
Instrument :
MSVOA_N
ClientSampleId :
VN0707WBL01

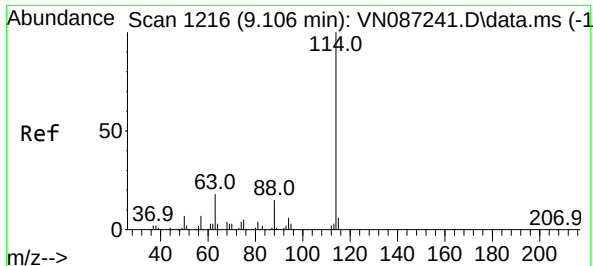
Tgt Ion:168 Resp: 183454
Ion Ratio Lower Upper
168 100
99 55.5 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 56.266 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087284.D
Acq: 07 Jul 2025 10:45

Tgt Ion: 65 Resp: 129549
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087284.D

Acq: 07 Jul 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0707WBL01

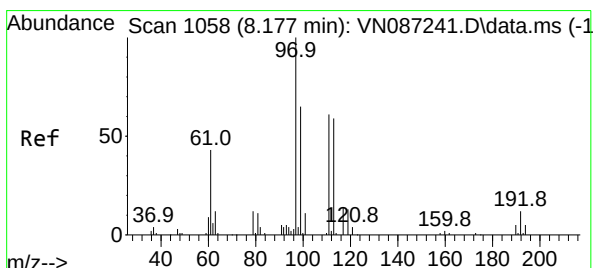
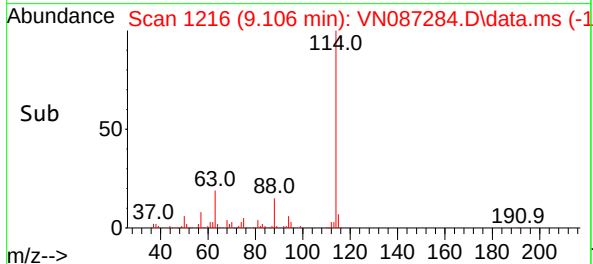
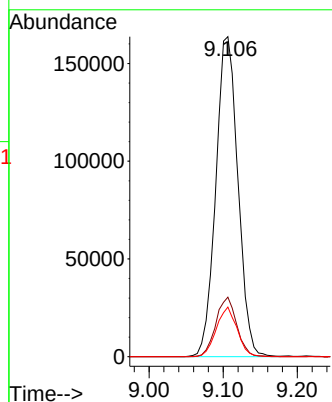
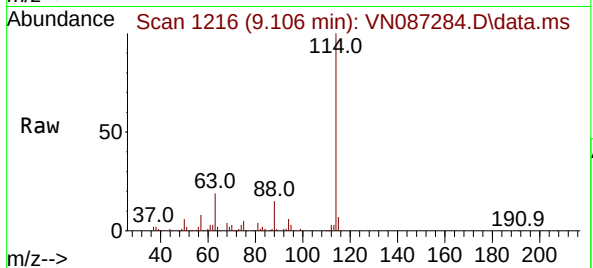
Tgt Ion:114 Resp: 339704

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.6

88 15.5 0.0 29.6



#35

Dibromofluoromethane

Concen: 52.086 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087284.D

Acq: 07 Jul 2025 10:45

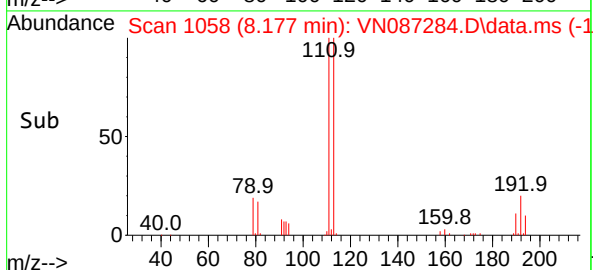
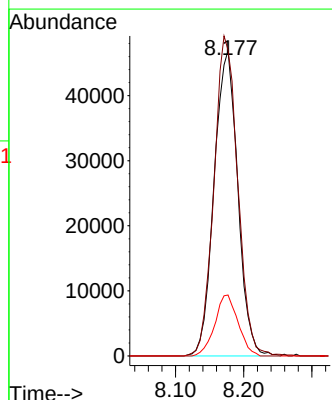
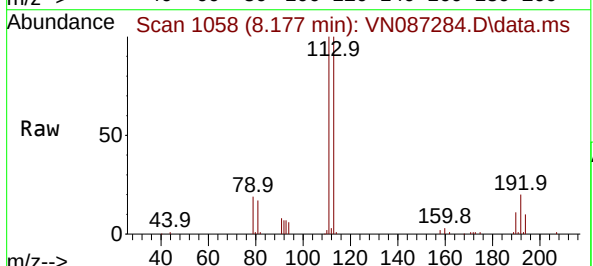
Tgt Ion:113 Resp: 113295

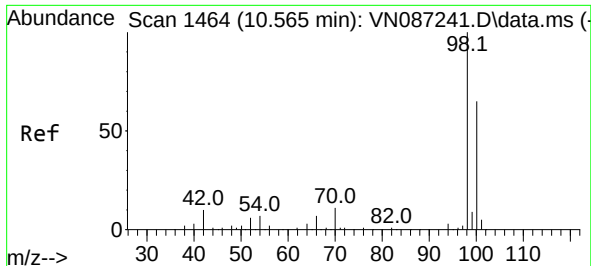
Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.2

192 19.6 15.1 22.7

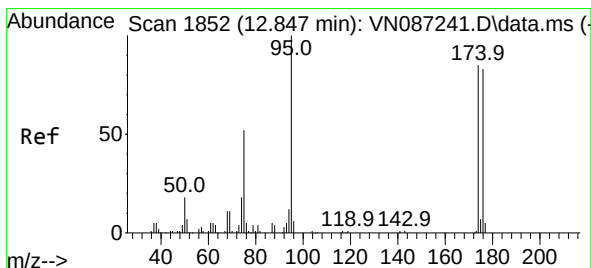
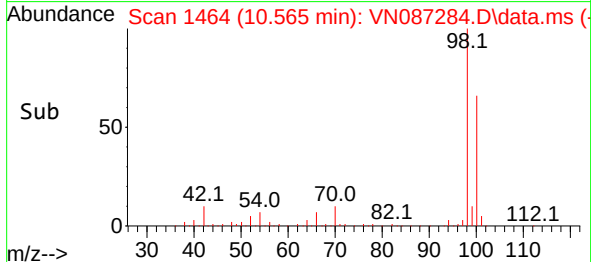
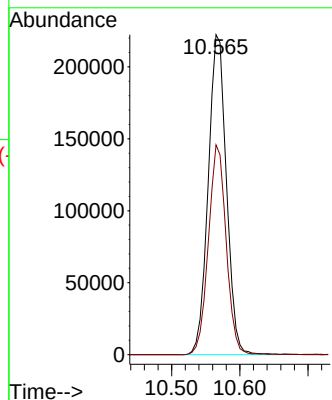
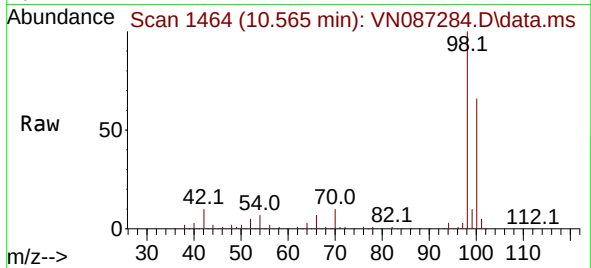




#50
Toluene-d8
Concen: 48.656 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087284.D
Acq: 07 Jul 2025 10:45

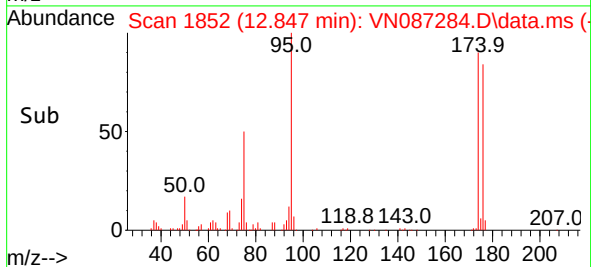
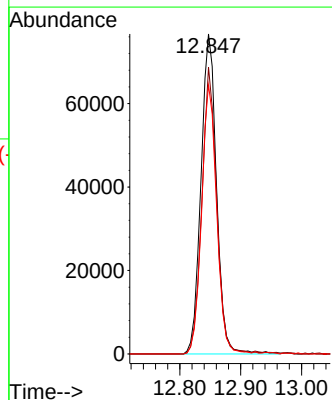
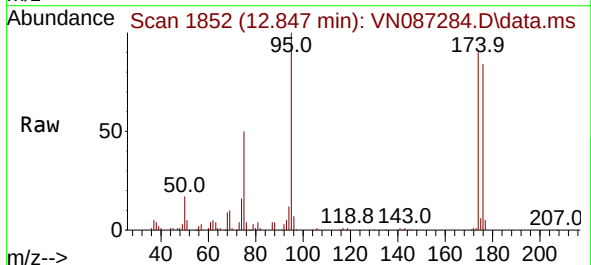
Instrument :
MSVOA_N
ClientSampleId :
VN0707WBL01

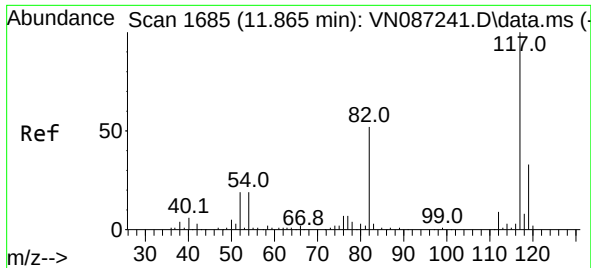
Tgt Ion: 98 Resp: 412523
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087284.D
Acq: 07 Jul 2025 10:45

Tgt Ion: 95 Resp: 136254
Ion Ratio Lower Upper
95 100
174 85.2 0.0 169.6
176 81.4 0.0 161.6

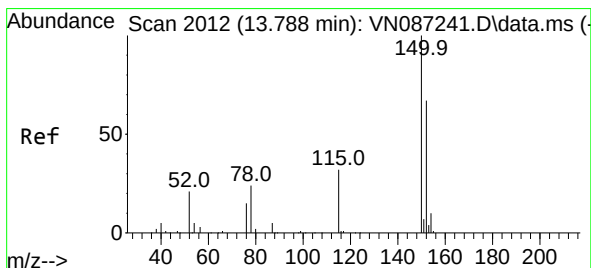
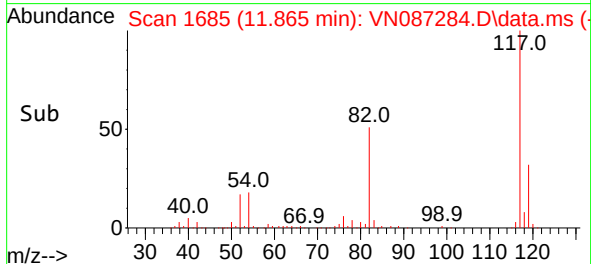
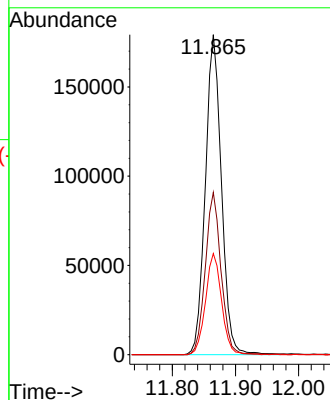
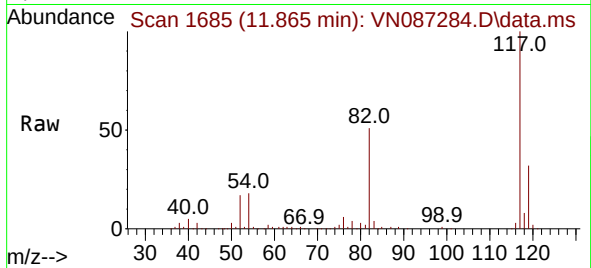




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087284.D
Acq: 07 Jul 2025 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN0707WBL01

Tgt Ion:117 Resp: 317463
Ion Ratio Lower Upper
117 100
82 50.7 41.9 62.9
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087284.D
Acq: 07 Jul 2025 10:45

Tgt Ion:152 Resp: 155374
Ion Ratio Lower Upper
152 100
115 56.5 28.3 84.9
150 155.2 0.0 344.6

