

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088446.D
 Acq On : 04 Dec 2025 15:26
 Operator : JC\MD
 Sample : Q3756-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-04B-26.5-120225

Quant Time: Dec 05 00:17:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	243663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	555543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	546868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	268660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	258819	56.386	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.780%
35) Dibromofluoromethane	8.147	113	179703	46.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	10.541	98	635634	44.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.740%
62) 4-Bromofluorobenzene	12.823	95	267239	54.372	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.740%

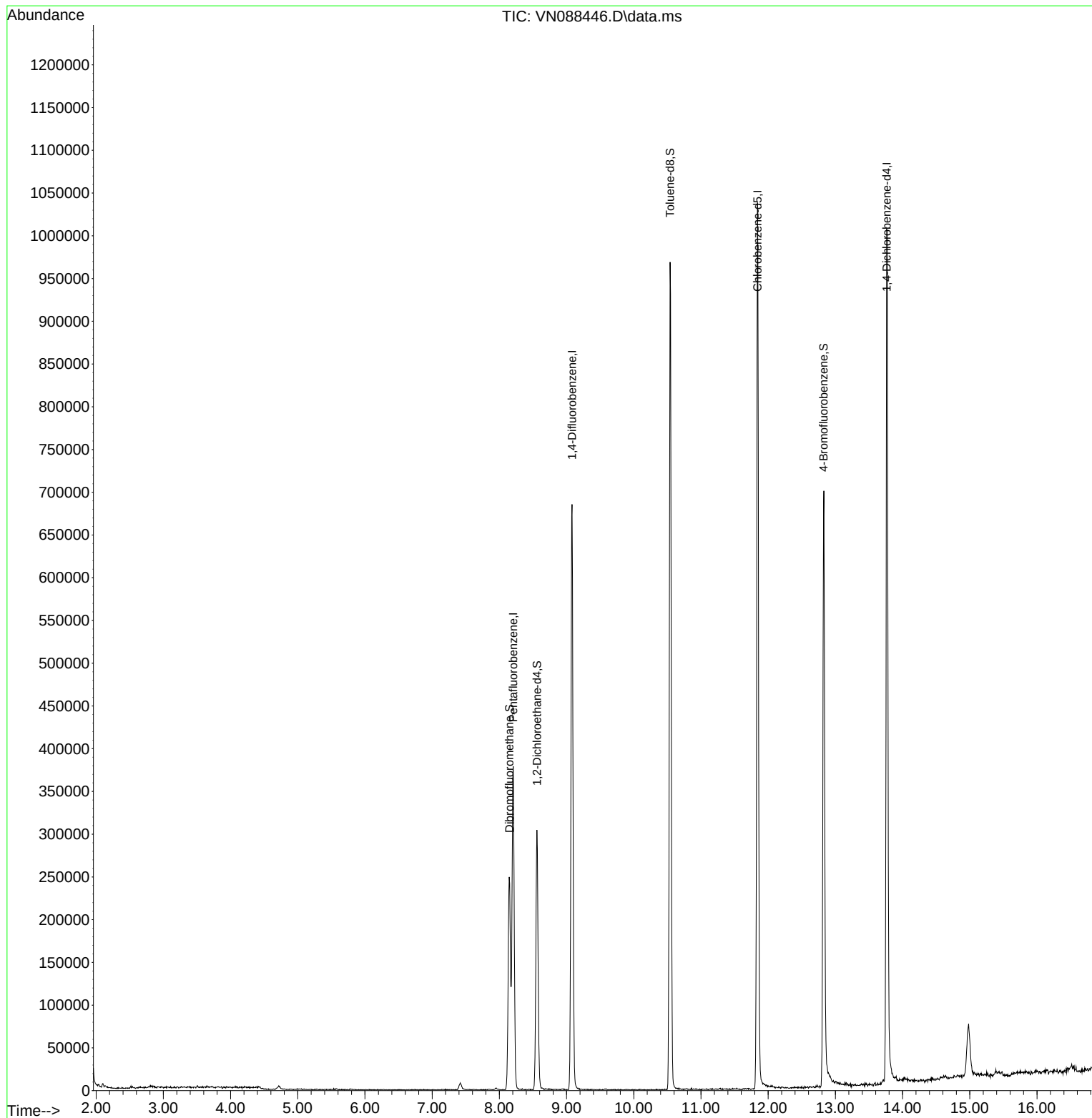
Target Compounds	Qvalue

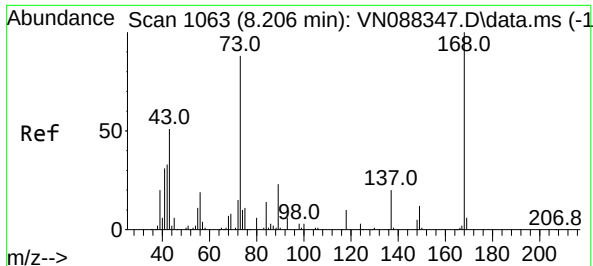
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
Data File : VN088446.D
Acq On : 04 Dec 2025 15:26
Operator : JC\MD
Sample : Q3756-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OW-04B-26.5-120225

Quant Time: Dec 05 00:17:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

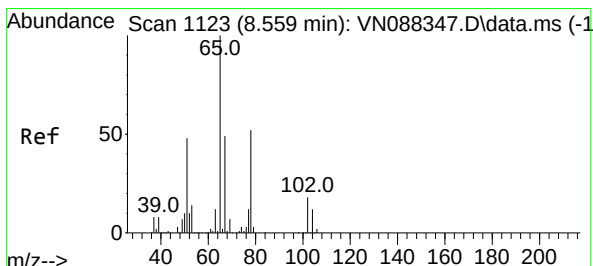
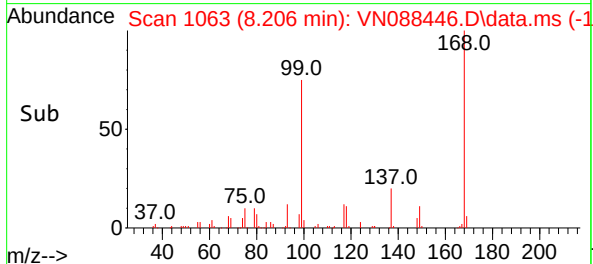
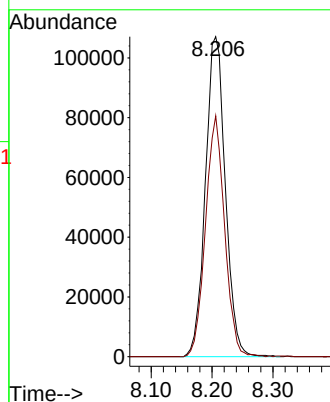
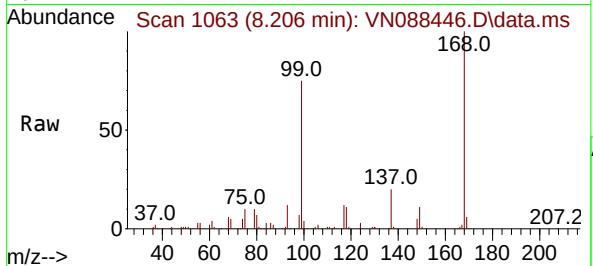




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088446.D
Acq: 04 Dec 2025 15:26

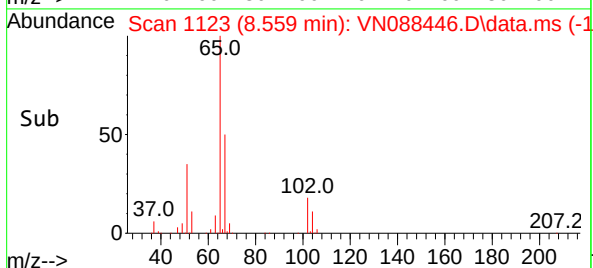
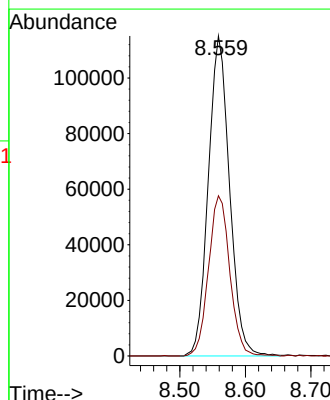
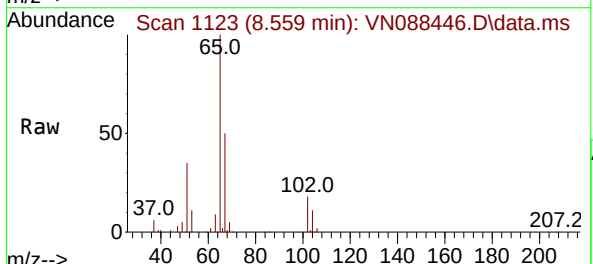
Instrument :
MSVOA_N
ClientSampleId :
OW-04B-26.5-120225

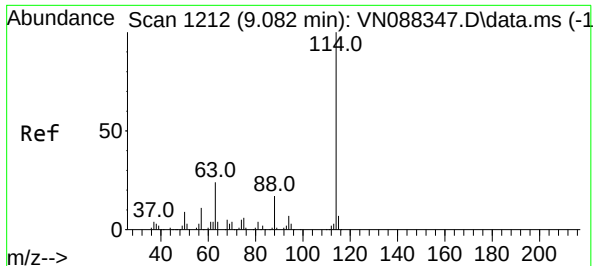
Tgt Ion:168 Resp: 243663
Ion Ratio Lower Upper
168 100
99 75.3 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 56.386 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088446.D
Acq: 04 Dec 2025 15:26

Tgt Ion: 65 Resp: 258819
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN088446.D

Acq: 04 Dec 2025 15:26

Instrument :

MSVOA_N

ClientSampleId :

OW-04B-26.5-120225

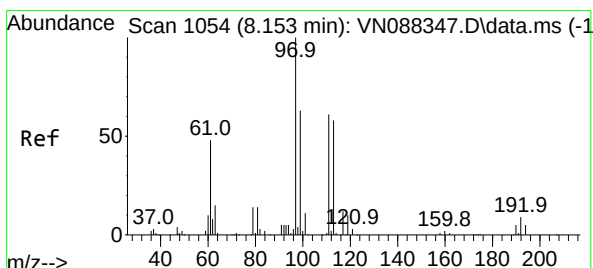
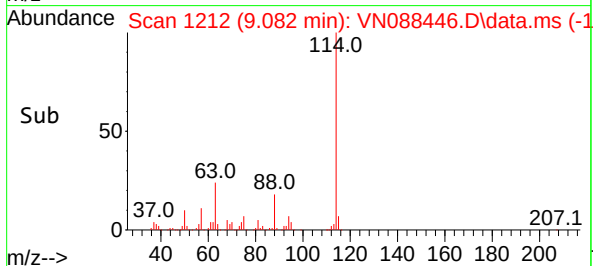
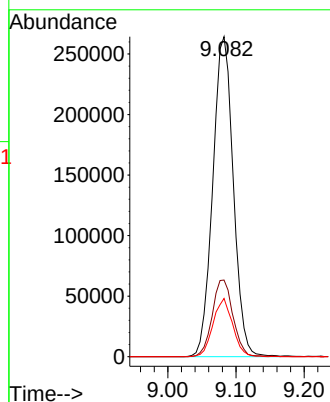
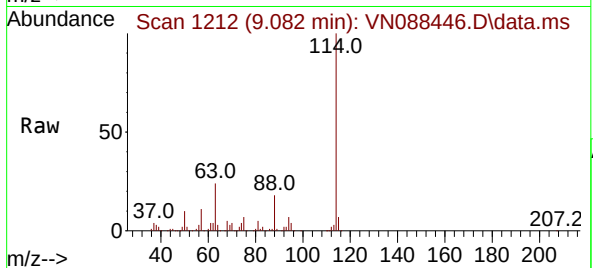
Tgt Ion:114 Resp: 555543

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.0

88 18.2 0.0 34.0



#35

Dibromofluoromethane

Concen: 46.677 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088446.D

Acq: 04 Dec 2025 15:26

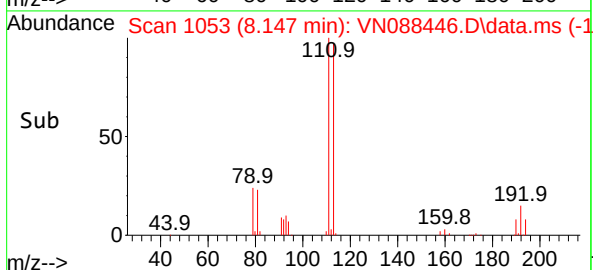
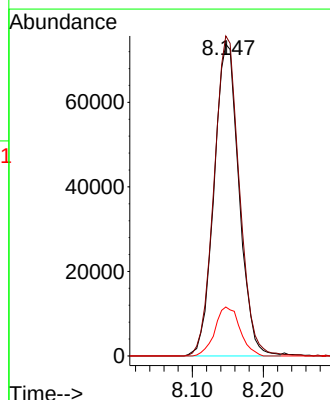
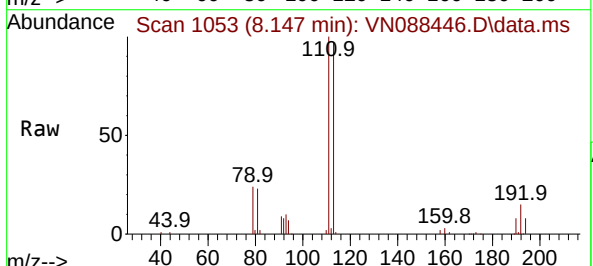
Tgt Ion:113 Resp: 179703

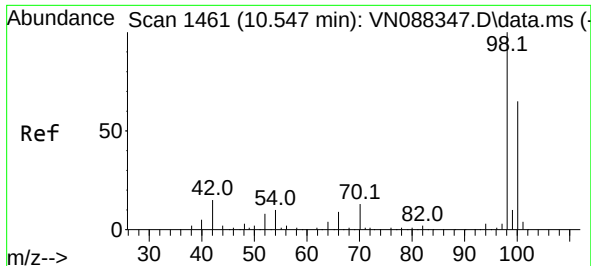
Ion Ratio Lower Upper

113 100

111 103.9 82.5 123.7

192 15.8 12.8 19.2

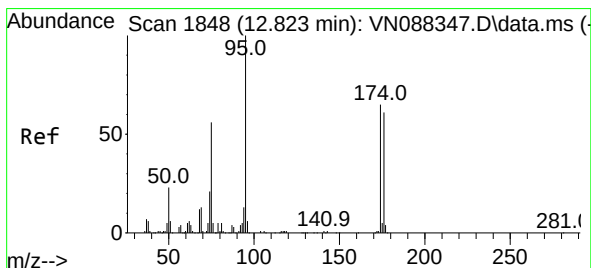
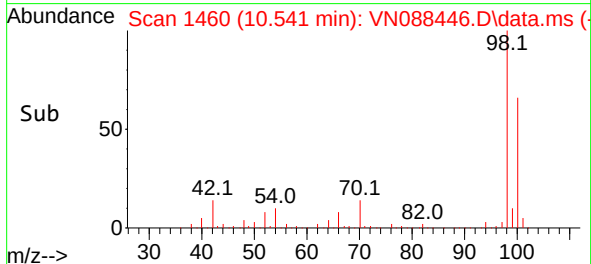
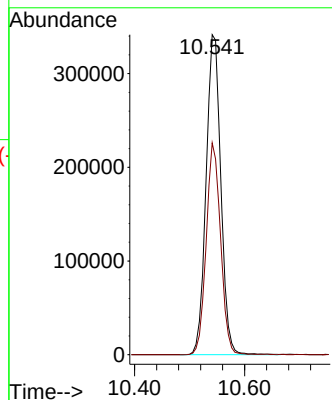
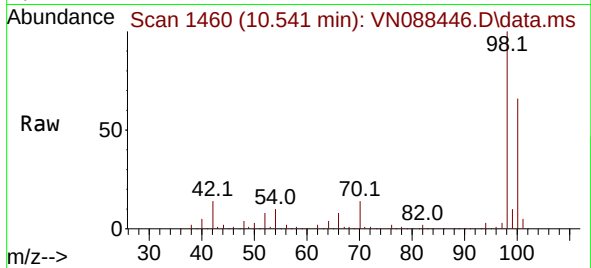




#50
Toluene-d8
Concen: 44.374 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088446.D
Acq: 04 Dec 2025 15:26

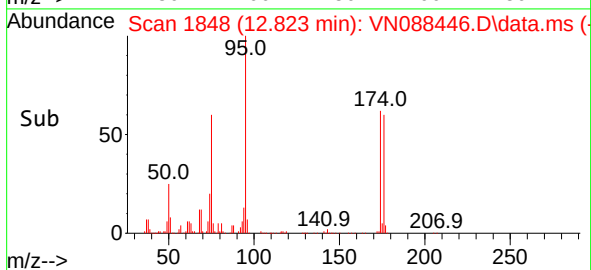
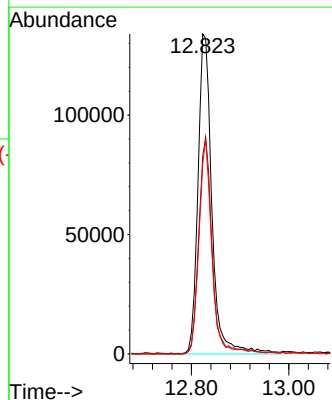
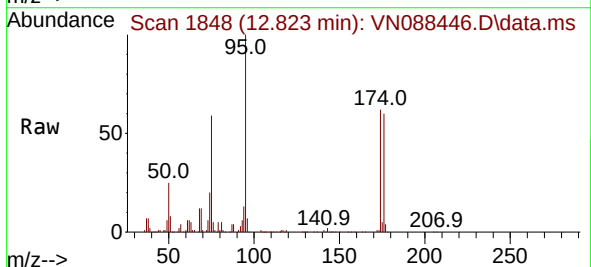
Instrument :
MSVOA_N
ClientSampleId :
OW-04B-26.5-120225

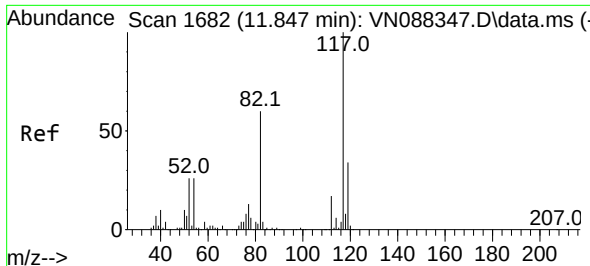
Tgt Ion: 98 Resp: 635634
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 54.372 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088446.D
Acq: 04 Dec 2025 15:26

Tgt Ion: 95 Resp: 267239
Ion Ratio Lower Upper
95 100
174 64.8 0.0 139.0
176 62.7 0.0 132.4

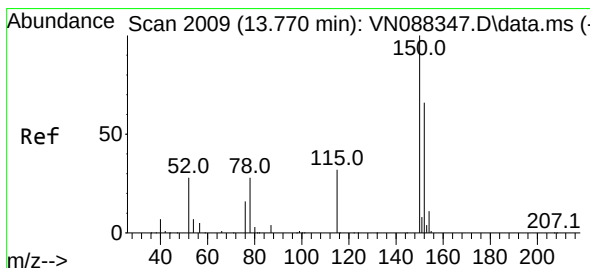
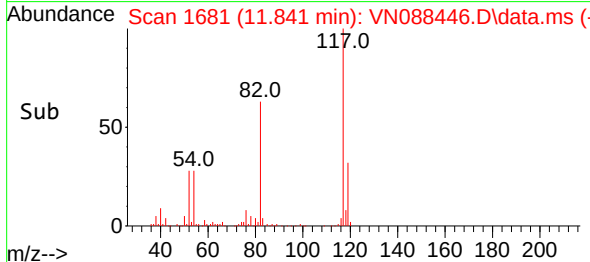
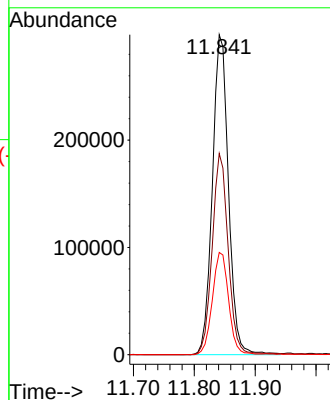
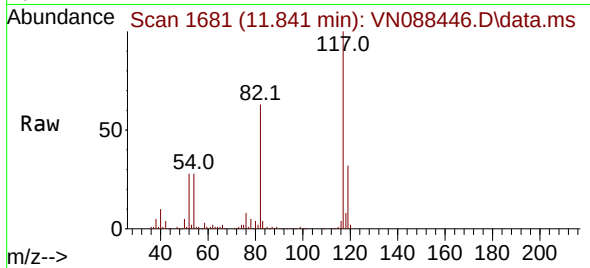




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088446.D
Acq: 04 Dec 2025 15:26

Instrument :
MSVOA_N
ClientSampleId :
OW-04B-26.5-120225

Tgt Ion:117 Resp: 546868
Ion Ratio Lower Upper
117 100
82 62.9 47.8 71.8
119 31.9 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088446.D
Acq: 04 Dec 2025 15:26

Tgt Ion:152 Resp: 268660
Ion Ratio Lower Upper
152 100
115 66.9 33.0 98.9
150 157.9 0.0 349.0

