

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088390.D
 Acq On : 01 Dec 2025 17:39
 Operator : JC\MD
 Sample : Q3743-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Dec 02 00:18:07 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	168109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	386817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	372510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	175948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	192789	60.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.760%
35) Dibromofluoromethane	8.147	113	142167	53.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.080%
50) Toluene-d8	10.547	98	497084	49.838	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.829	95	182162	53.228	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.460%

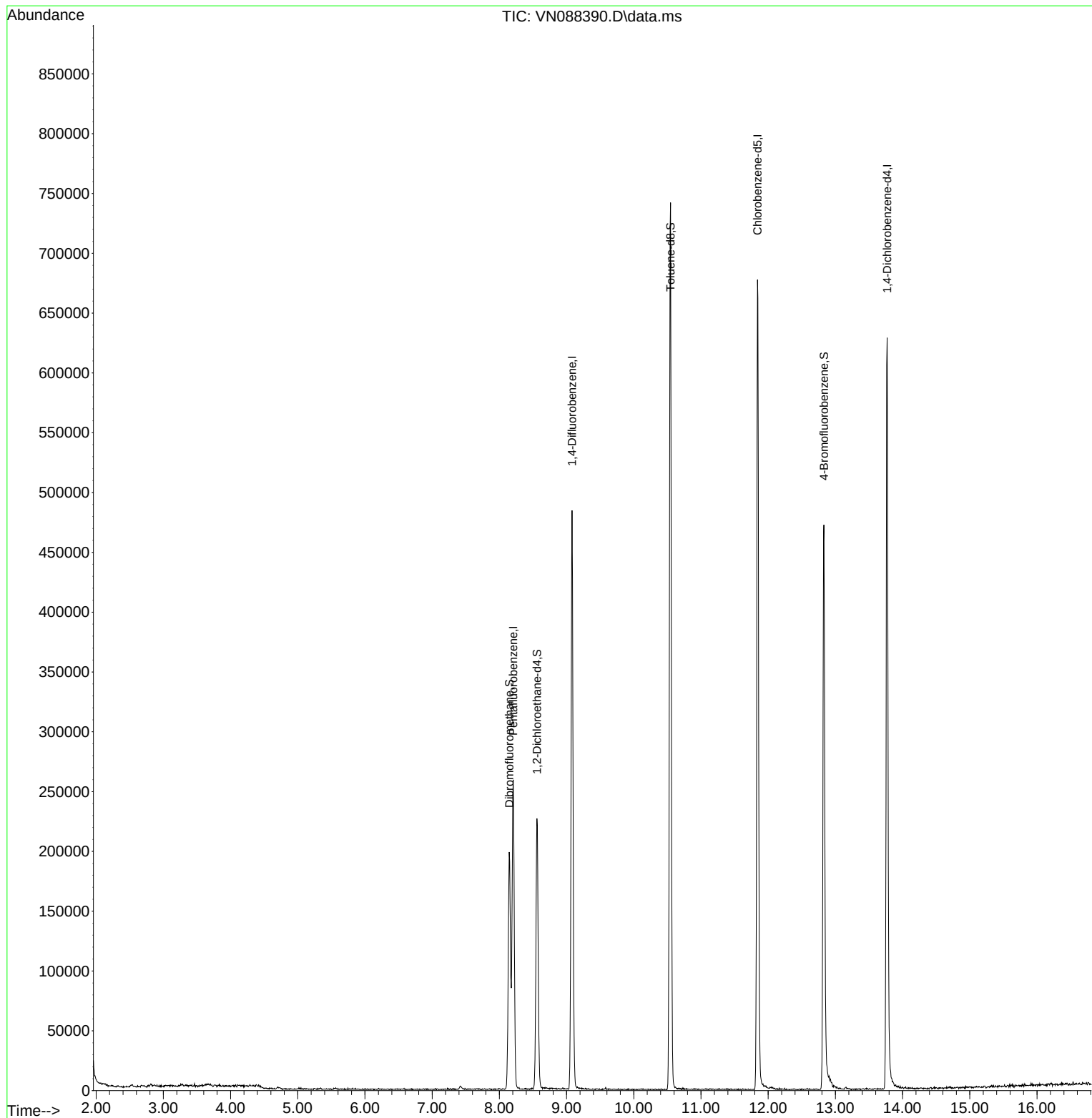
Target Compounds	Qvalue

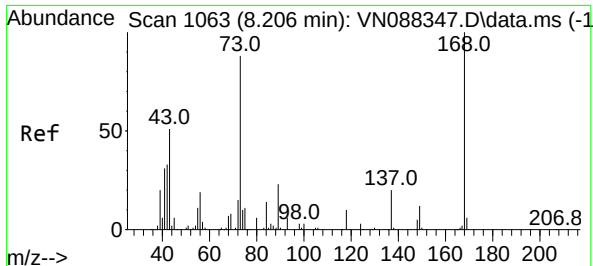
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088390.D
Acq On : 01 Dec 2025 17:39
Operator : JC\MD
Sample : Q3743-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Time: Dec 02 00:18:07 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

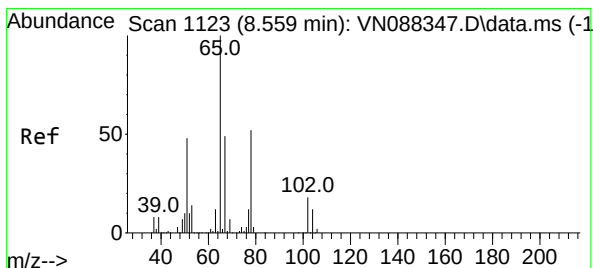
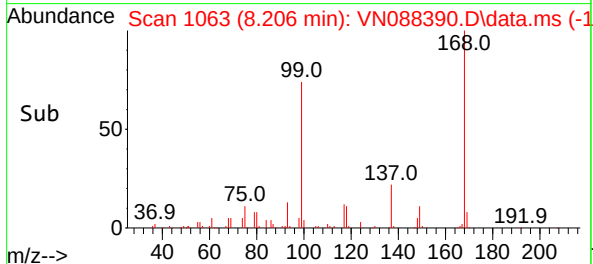
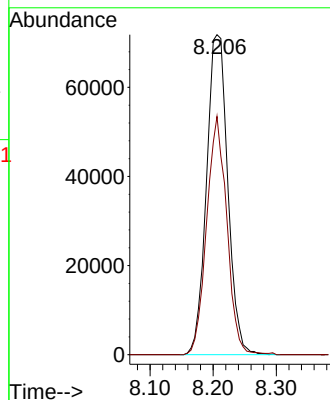
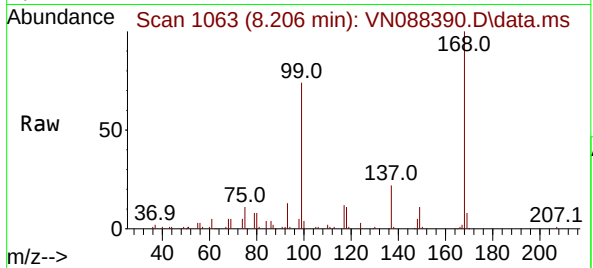




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

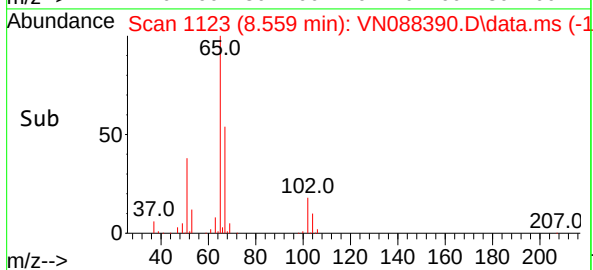
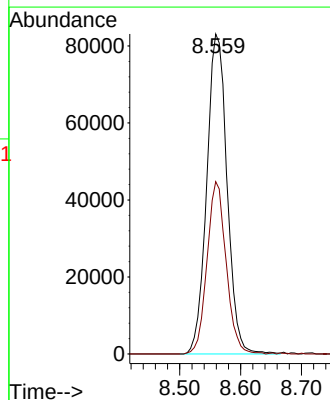
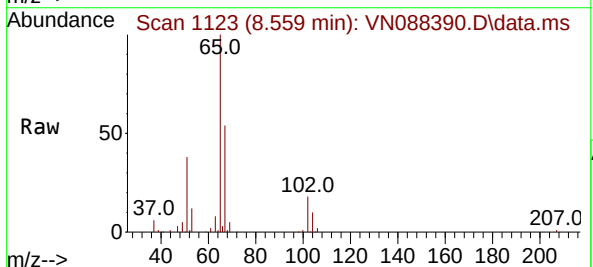
Instrument :
MSVOA_N
ClientSampleId :
TB

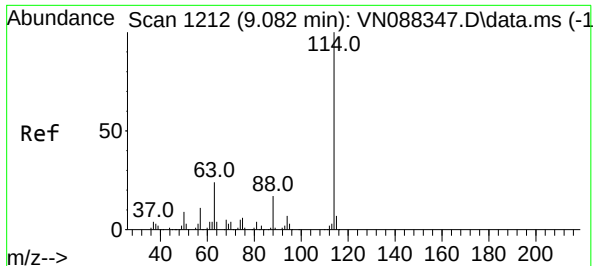
Tgt Ion:168 Resp: 168109
Ion Ratio Lower Upper
168 100
99 74.5 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 60.877 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

Tgt Ion: 65 Resp: 192789
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088390.D

Acq: 01 Dec 2025 17:39

Instrument :

MSVOA_N

ClientSampleId :

TB

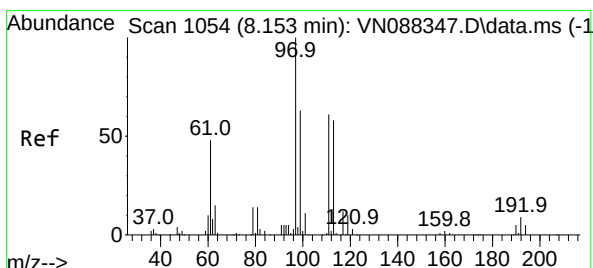
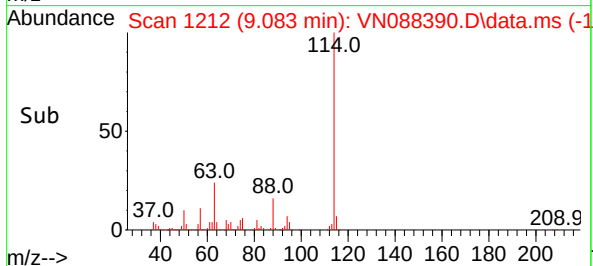
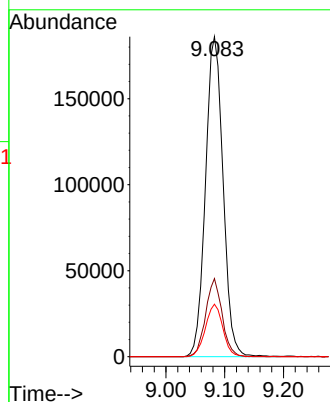
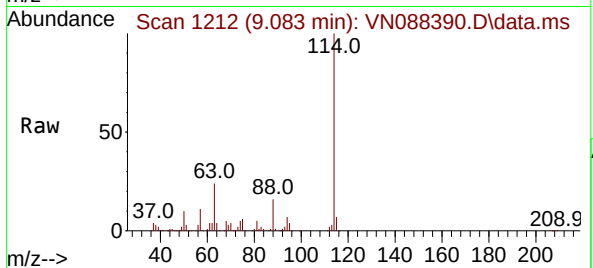
Tgt Ion:114 Resp: 386817

Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.0

88 16.4 0.0 34.0



#35

Dibromofluoromethane

Concen: 53.035 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088390.D

Acq: 01 Dec 2025 17:39

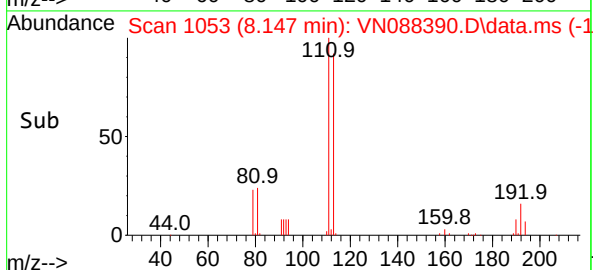
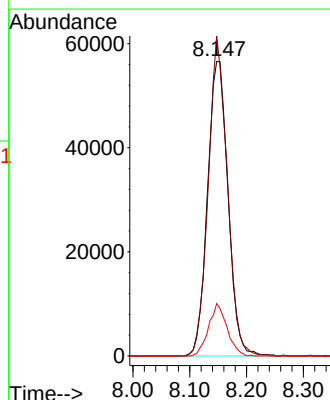
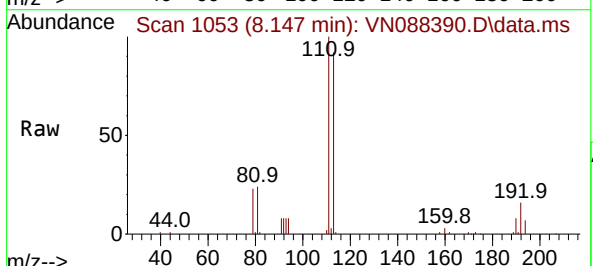
Tgt Ion:113 Resp: 142167

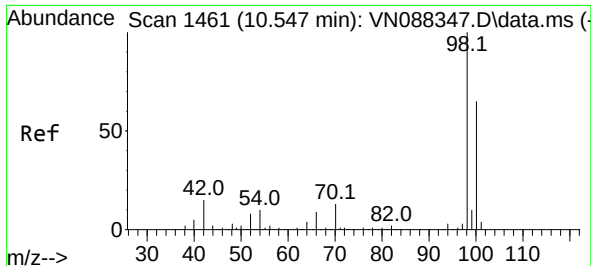
Ion Ratio Lower Upper

113 100

111 100.6 82.5 123.7

192 16.0 12.8 19.2

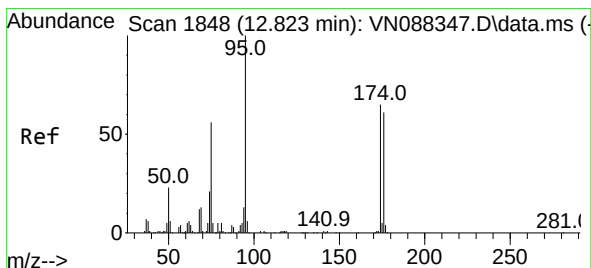
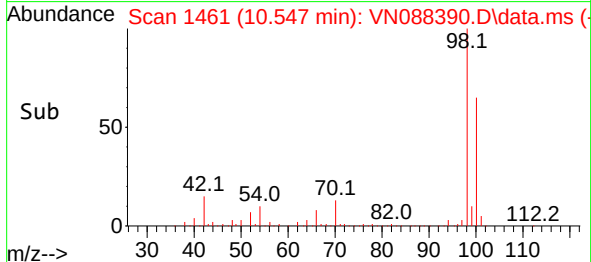
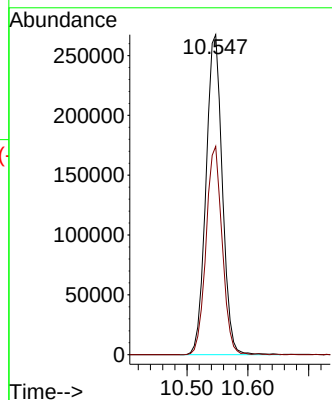
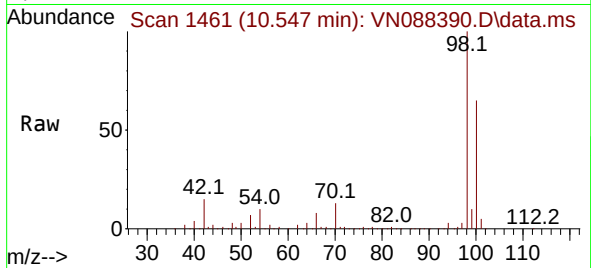




#50
Toluene-d8
Concen: 49.838 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

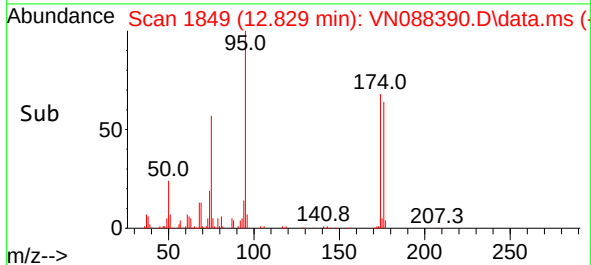
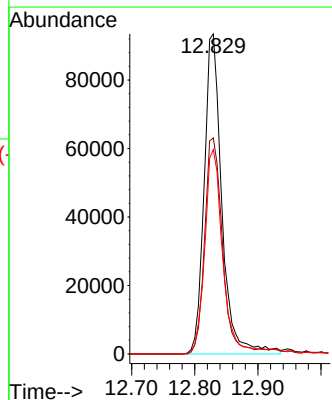
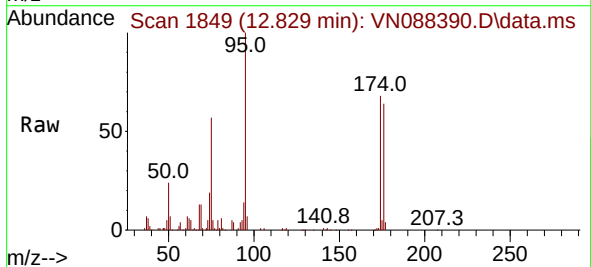
Instrument :
MSVOA_N
ClientSampleId :
TB

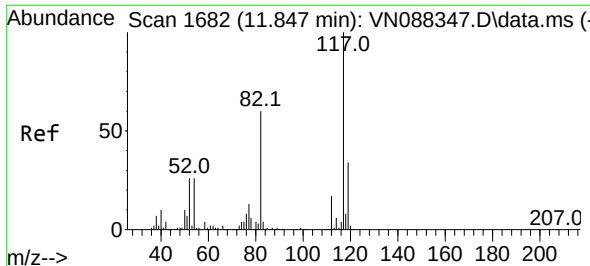
Tgt Ion: 98 Resp: 497084
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.228 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

Tgt Ion: 95 Resp: 182162
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.0
176 64.8 0.0 132.4

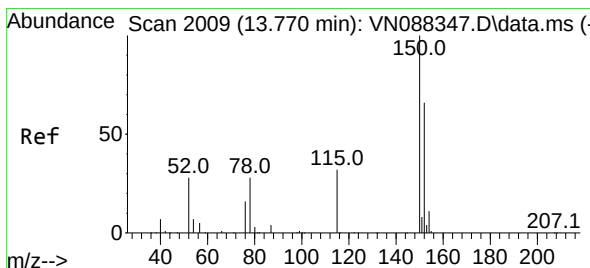
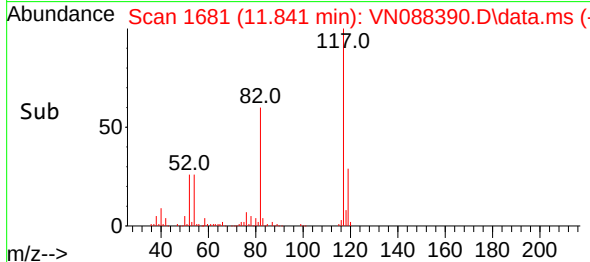
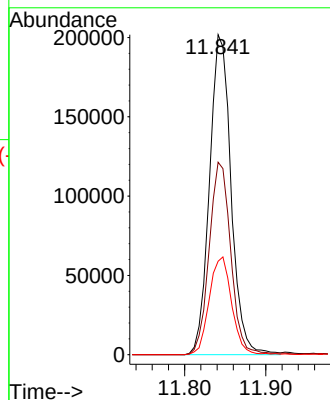
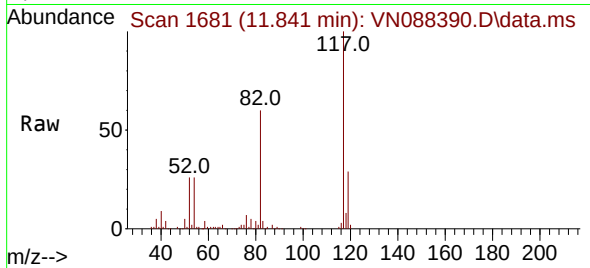




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 372510
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 29.2 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088390.D
Acq: 01 Dec 2025 17:39

Tgt Ion:152 Resp: 175948
Ion Ratio Lower Upper
152 100
115 63.9 33.0 98.9
150 158.2 0.0 349.0

