

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088473.D
 Acq On : 09 Dec 2025 11:42
 Operator : JC\MD
 Sample : VN1209WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBL01

Quant Time: Dec 10 05:04:14 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	8.200	168	208073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	488259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	472764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	217362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	231021	58.939	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.880%
35) Dibromofluoromethane	8.147	113	167553	49.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	10.541	98	575329	45.698	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.400%
62) 4-Bromofluorobenzene	12.823	95	206590	47.825	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.640%

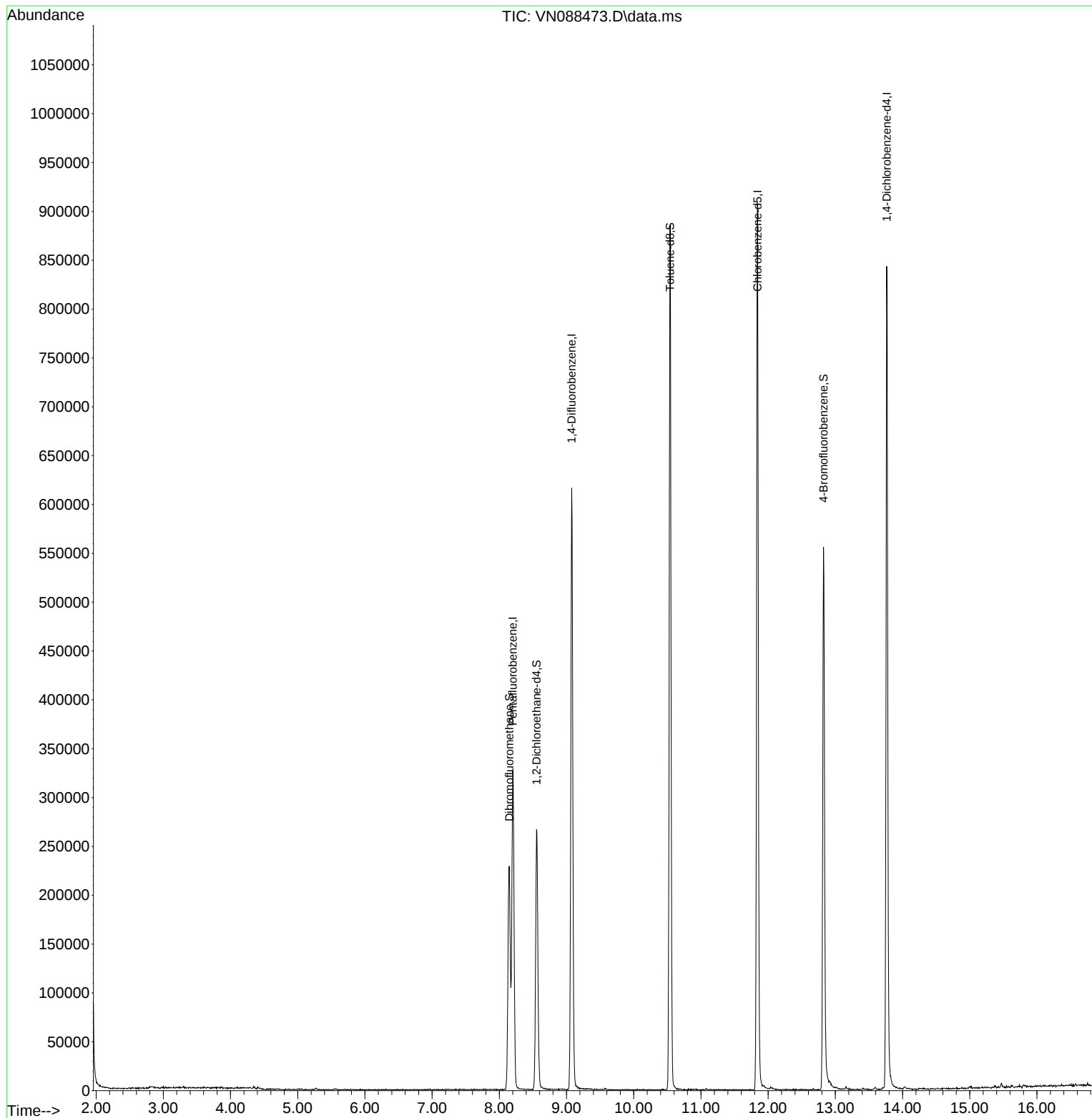
Target Compounds	Qvalue

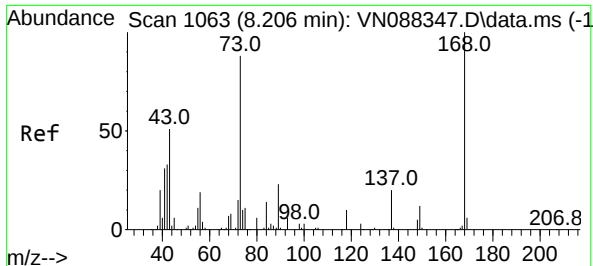
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088473.D
Acq On : 09 Dec 2025 11:42
Operator : JC\MD
Sample : VN1209WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

Quant Time: Dec 10 05:04:14 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

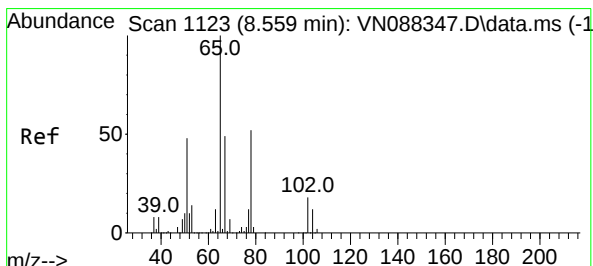
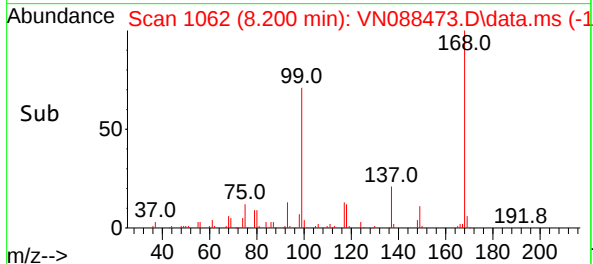
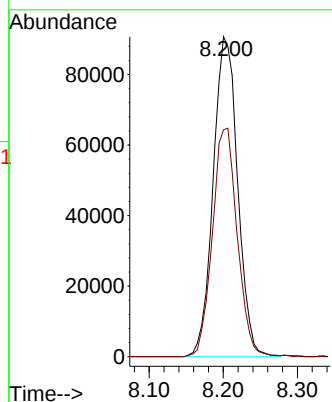
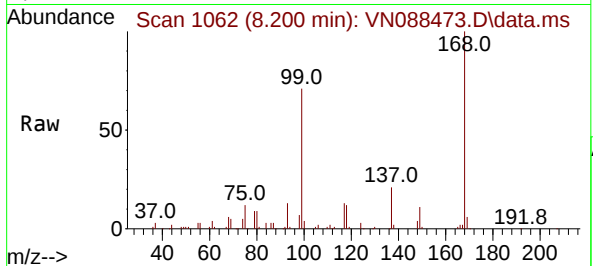




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

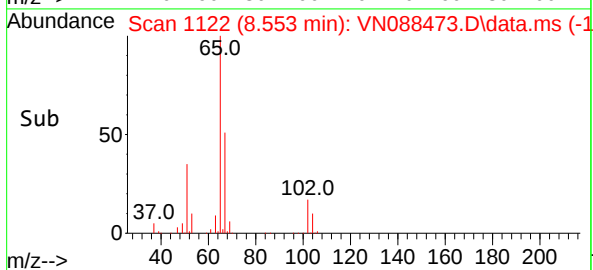
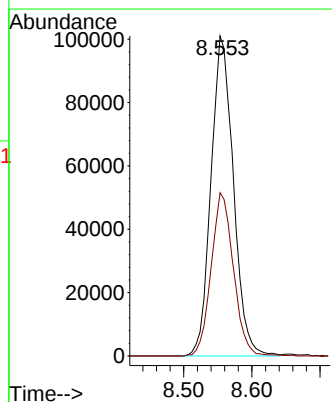
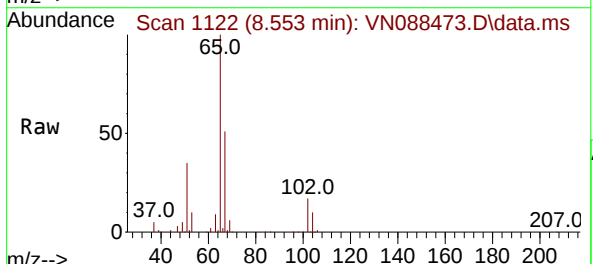
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

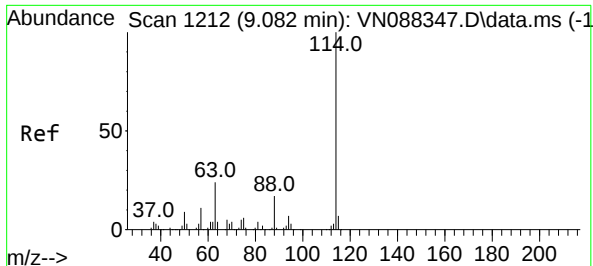
Tgt Ion:168 Resp: 208073
Ion Ratio Lower Upper
168 100
99 70.9 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 58.939 ug/l
RT: 8.553 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 65 Resp: 231021
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088473.D

Acq: 09 Dec 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBL01

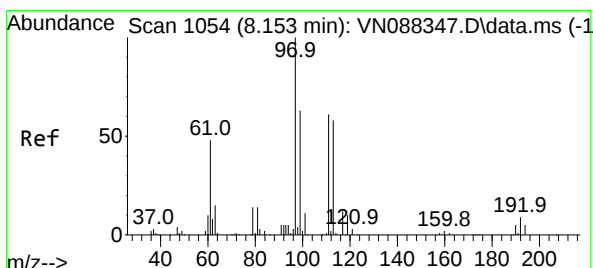
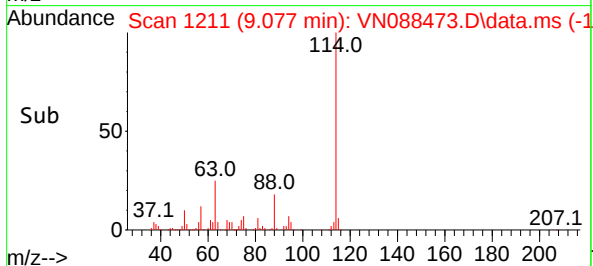
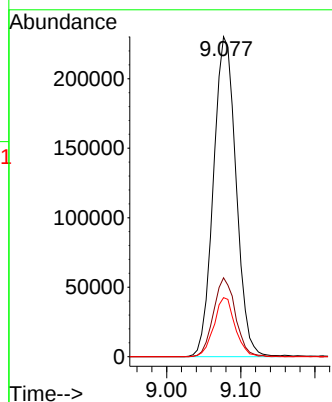
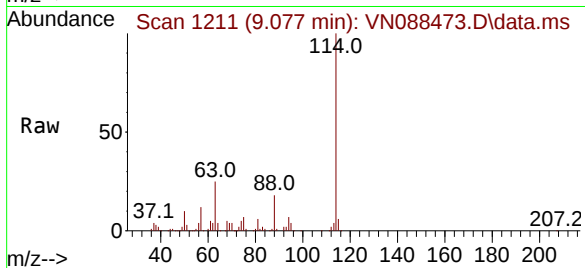
Tgt Ion:114 Resp: 488259

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

88 18.5 0.0 34.0



#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088473.D

Acq: 09 Dec 2025 11:42

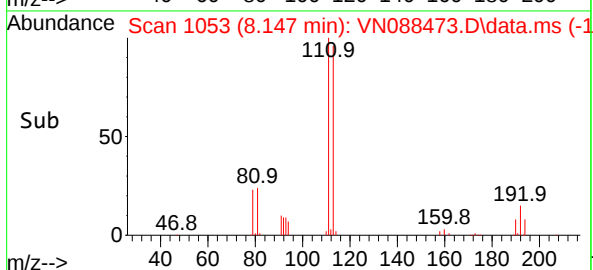
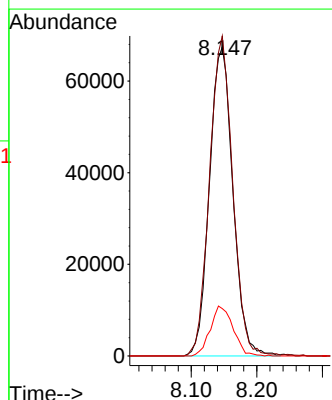
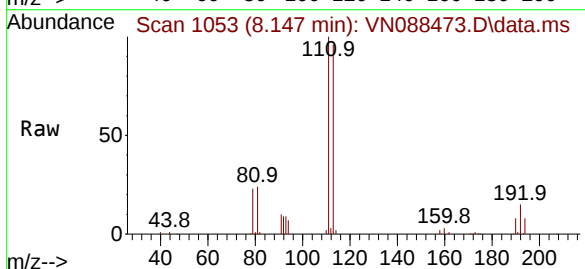
Tgt Ion:113 Resp: 167553

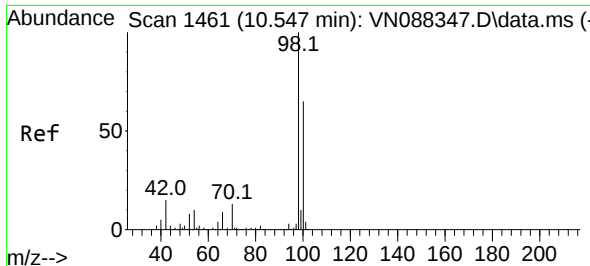
Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

192 15.7 12.8 19.2

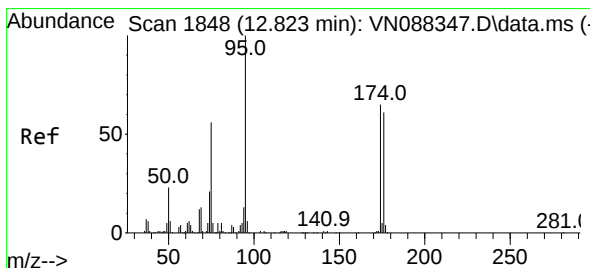
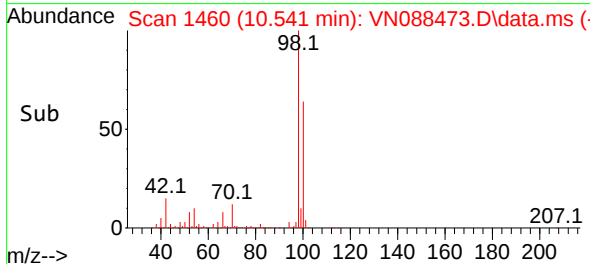
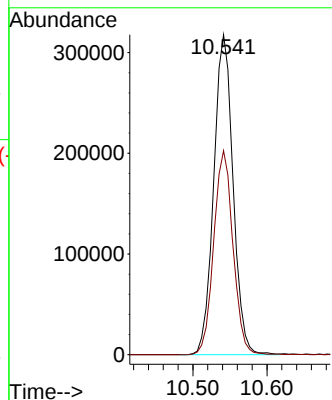
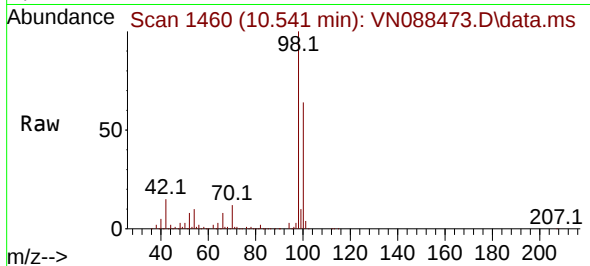




#50
Toluene-d8
Concen: 45.698 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

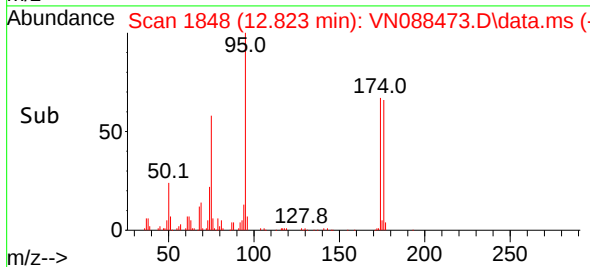
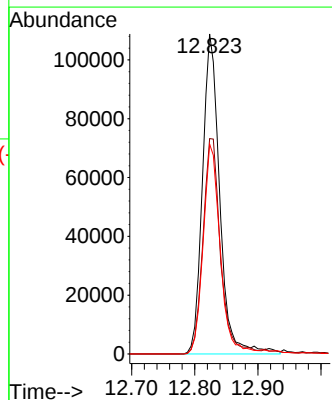
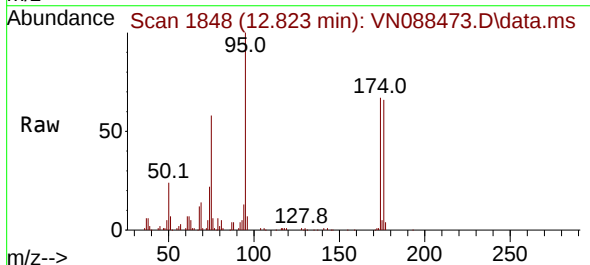
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

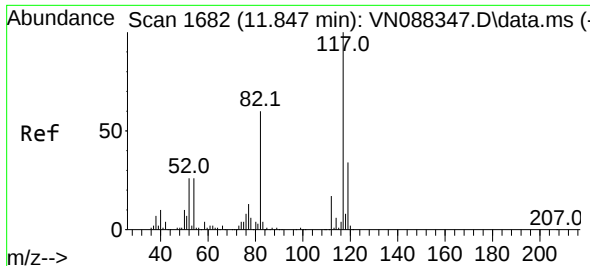
Tgt Ion: 98 Resp: 575329
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.825 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 95 Resp: 206590
Ion Ratio Lower Upper
95 100
174 68.5 0.0 139.0
176 64.6 0.0 132.4

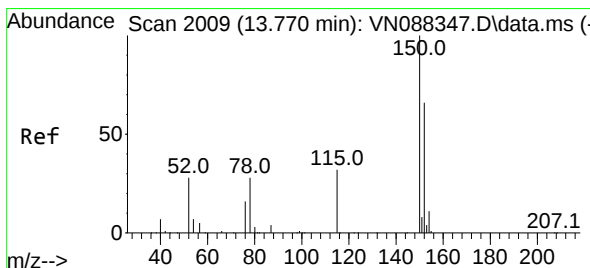
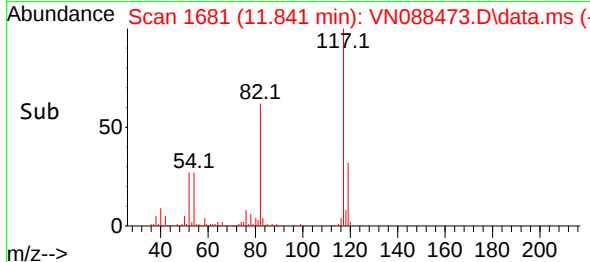
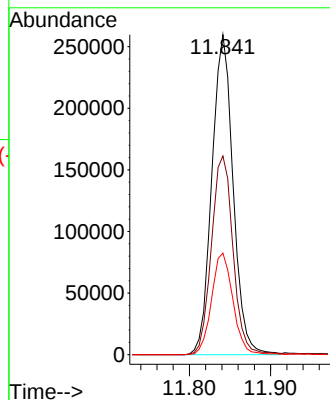
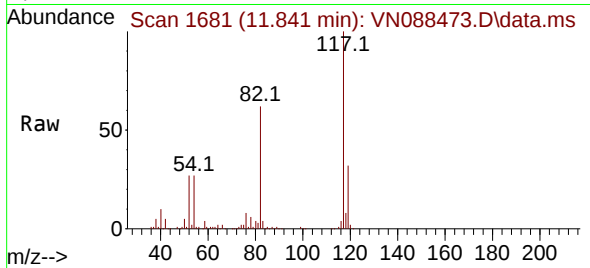




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

Tgt Ion:117 Resp: 472764
Ion Ratio Lower Upper
117 100
82 62.1 47.8 71.8
119 31.7 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion:152 Resp: 217362
Ion Ratio Lower Upper
152 100
115 65.6 33.0 98.9
150 158.2 0.0 349.0

