

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088018.D
 Acq On : 03 Oct 2025 13:01
 Operator : JC\MD
 Sample : Q3272-03
 Misc : 5.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R7

Quant Time: Oct 04 02:54:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

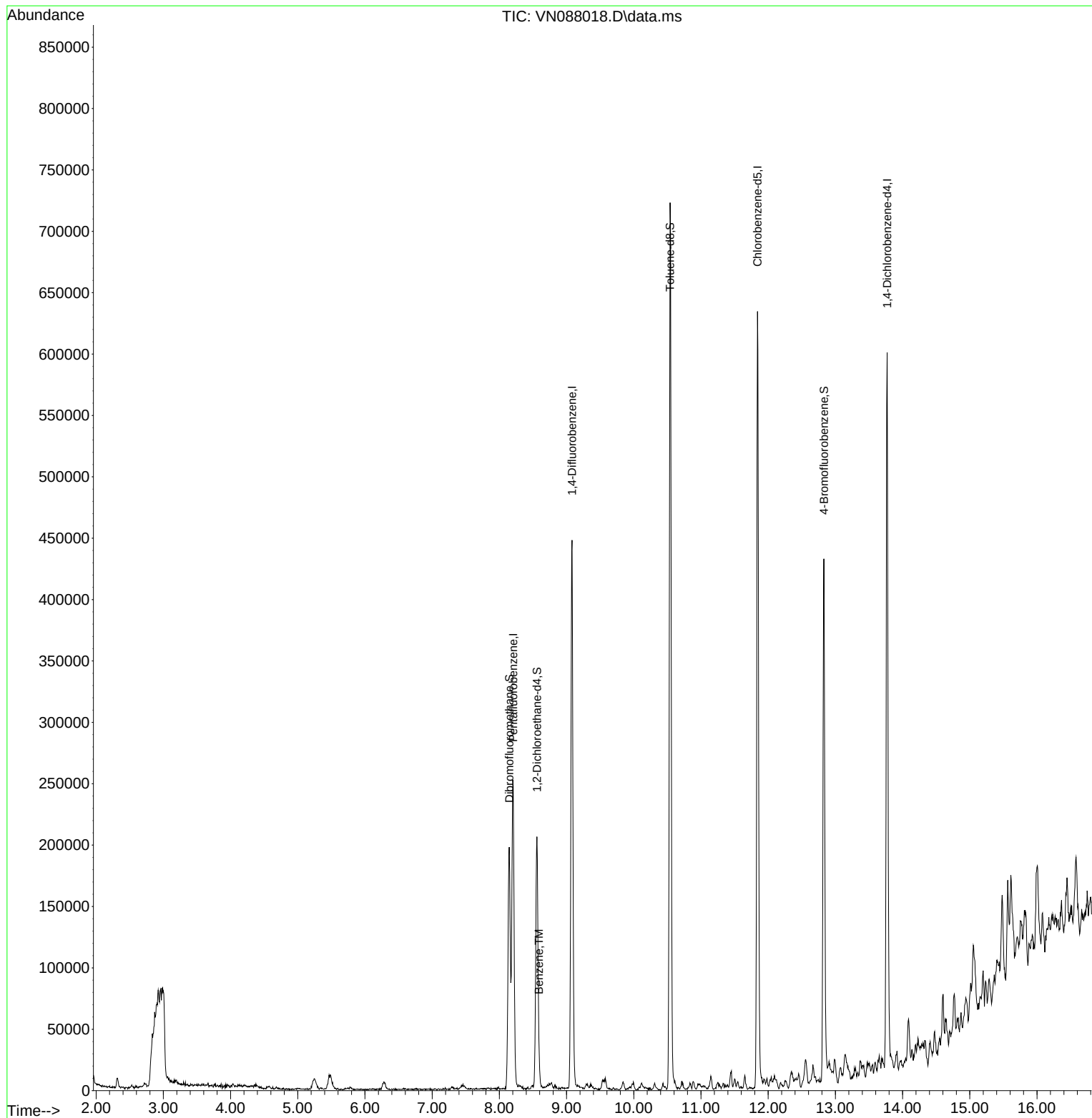
Internal Standards						
1) Pentafluorobenzene	8.206	168	178155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	387786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	368559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	163621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	165546	55.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.420%
35) Dibromofluoromethane	8.147	113	139430	49.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	10.541	98	487016	49.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.829	95	158518	44.790	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.580%
Target Compounds						
40) Benzene	8.588	78	12750	1.137	ug/l	Qvalue 99

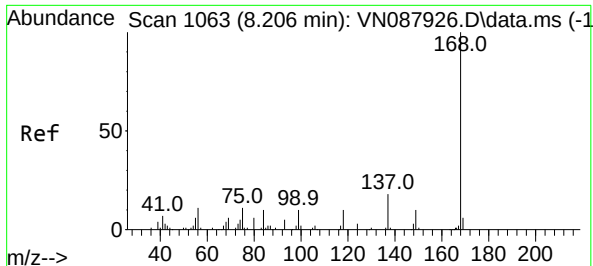
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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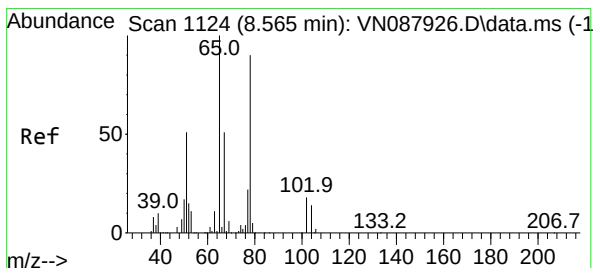
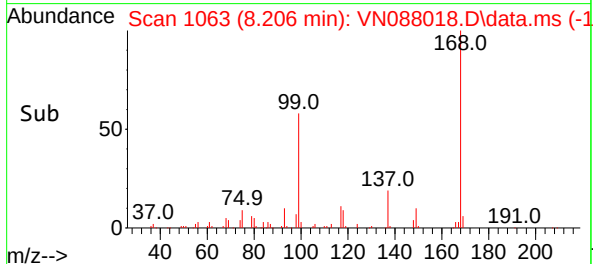
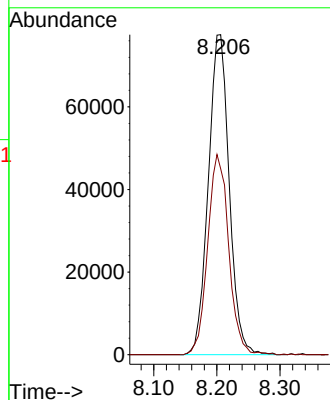
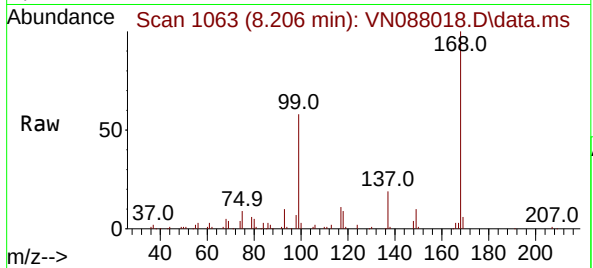




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

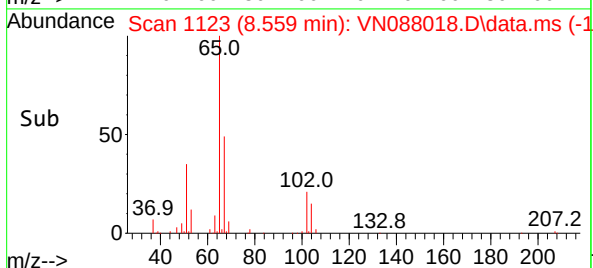
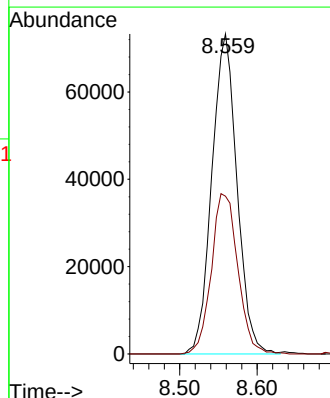
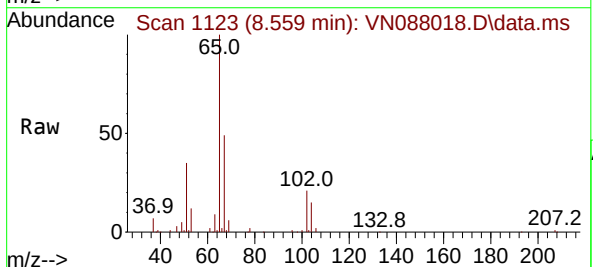
Instrument :
MSVOA_N
ClientSampleId :
R7

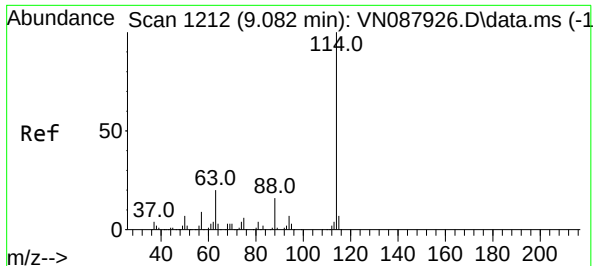
Tgt Ion:168 Resp: 178155
Ion Ratio Lower Upper
168 100
99 58.1 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 55.215 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 65 Resp: 165546
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

R7

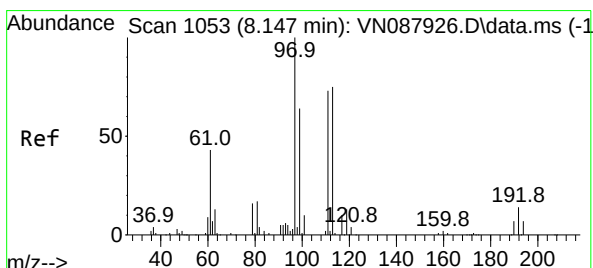
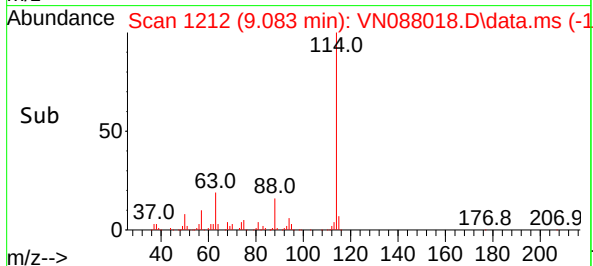
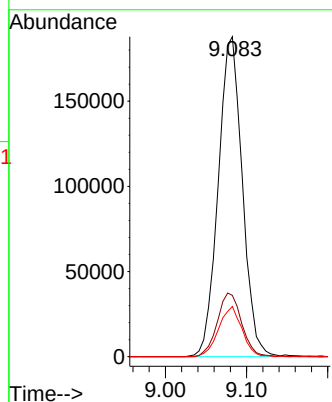
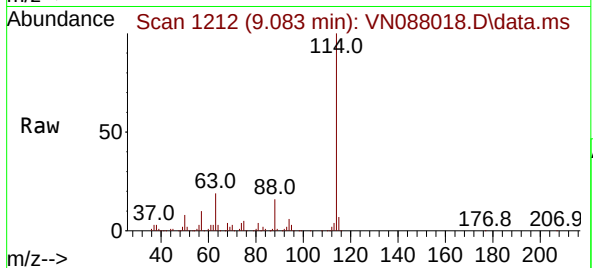
Tgt Ion:114 Resp: 387786

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.522 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN088018.D

Acq: 03 Oct 2025 13:01

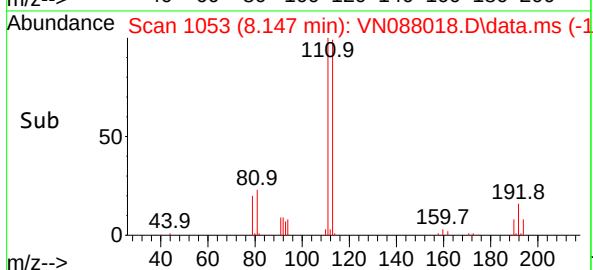
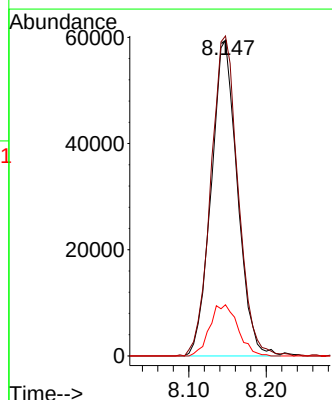
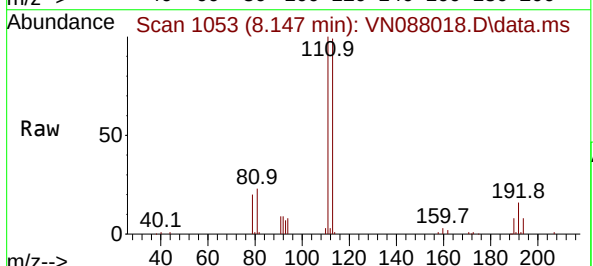
Tgt Ion:113 Resp: 139430

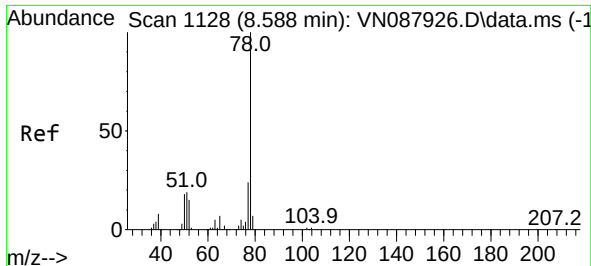
Ion Ratio Lower Upper

113 100

111 105.5 82.2 123.2

192 17.5 14.2 21.2

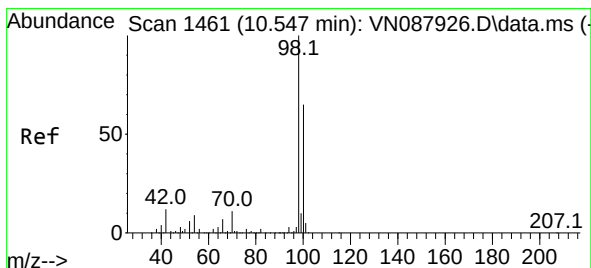
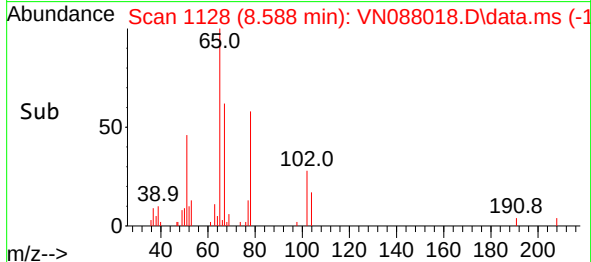
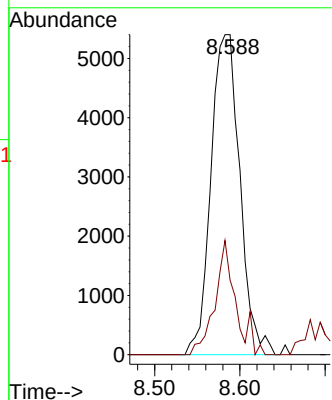
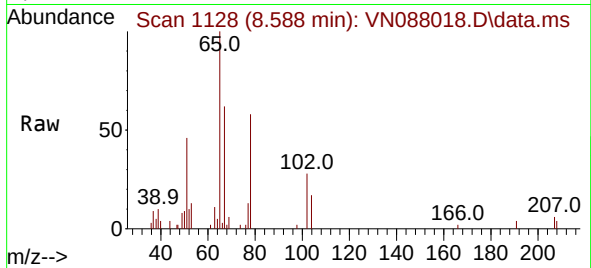




#40
Benzene
Concen: 1.137 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

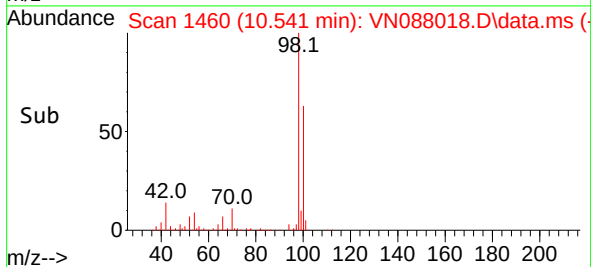
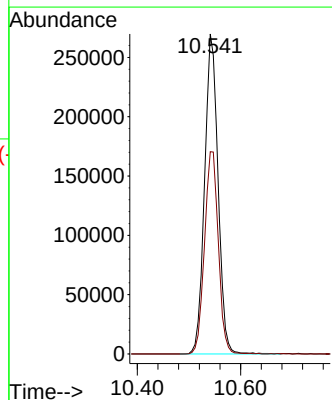
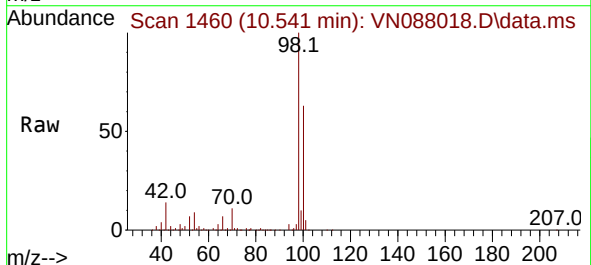
Instrument :
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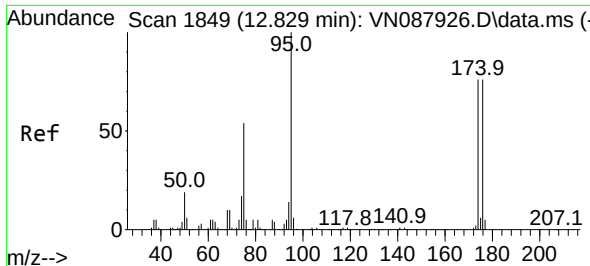
Tgt Ion: 78 Resp: 12750
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6



#50
Toluene-d8
Concen: 49.188 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 98 Resp: 487016
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5

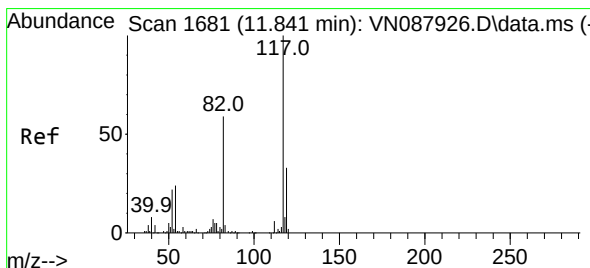
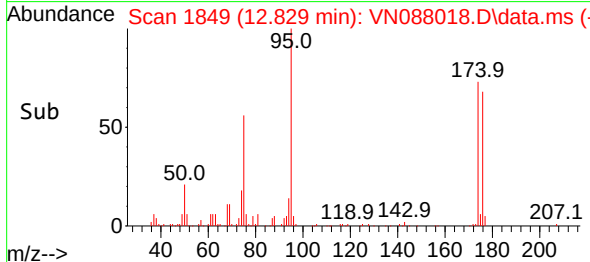
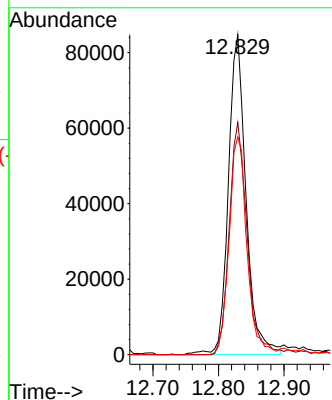
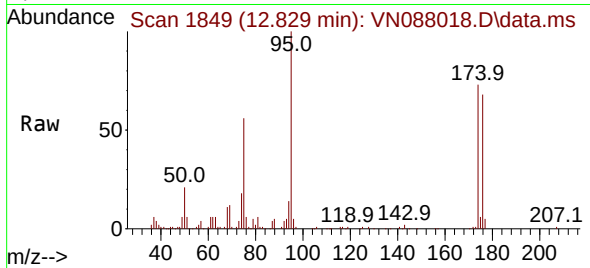




#62
4-Bromofluorobenzene
Concen: 44.790 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

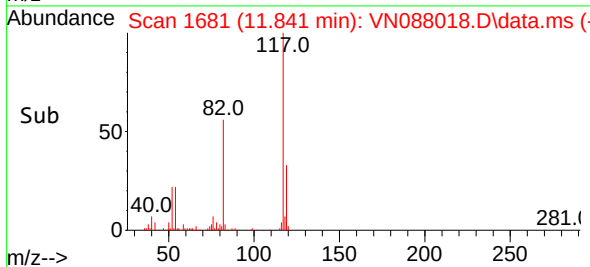
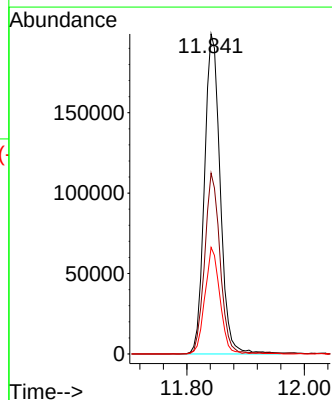
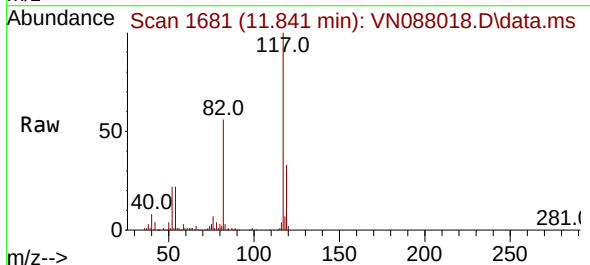
Instrument :
MSVOA_N
ClientSampleId :
R7

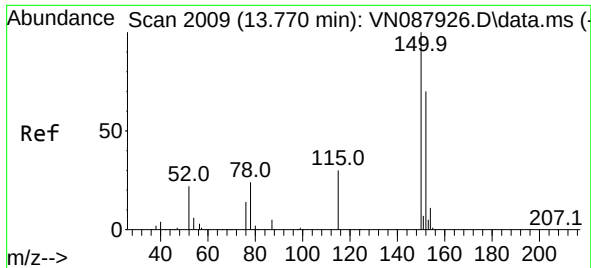
Tgt Ion: 95 Resp: 158518
Ion Ratio Lower Upper
95 100
174 73.4 0.0 159.2
176 68.6 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088018.D
Acq: 03 Oct 2025 13:01

Tgt Ion: 117 Resp: 368559
Ion Ratio Lower Upper
117 100
82 56.5 47.0 70.4
119 33.3 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088018.D
 Acq: 03 Oct 2025 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 R7

Tgt Ion:152 Resp: 163621
 Ion Ratio Lower Upper
 152 100
 115 62.7 29.9 89.7
 150 162.8 0.0 335.0

