

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088210.D
 Acq On : 06 Nov 2025 16:33
 Operator : JC\MD
 Sample : Q3536-03
 Misc : 1.63g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2061

Quant Time: Nov 07 02:22:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

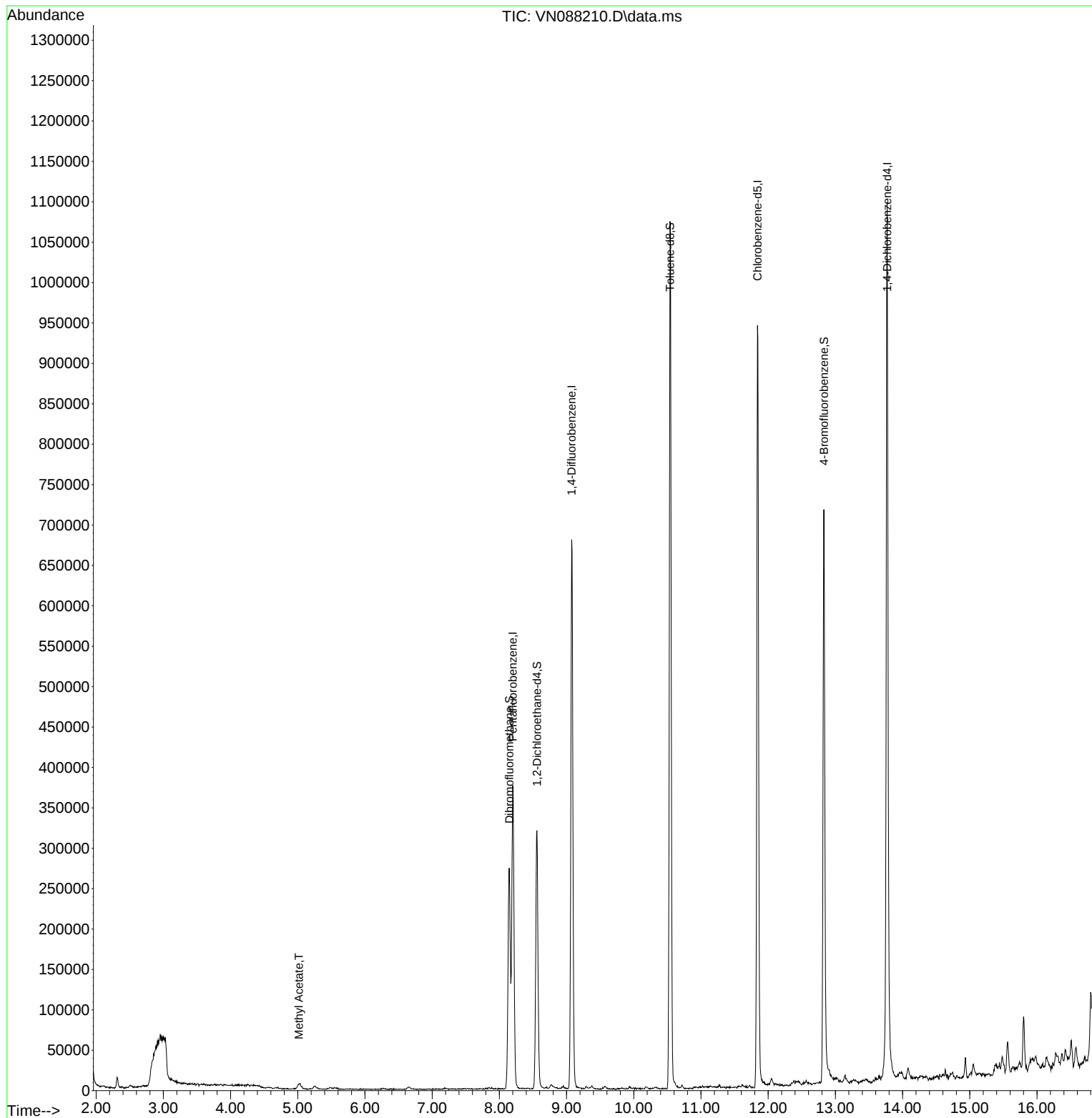
Internal Standards						
1) Pentafluorobenzene	8.200	168	252774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	571424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	526684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	262543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	273525	62.577	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 125.160%#		
35) Dibromofluoromethane	8.147	113	195797	51.004	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.000%		
50) Toluene-d8	10.541	98	727372	49.174	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.340%		
62) 4-Bromofluorobenzene	12.829	95	267243	51.158	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.320%		
Target Compounds						
					Qvalue	
18) Methyl Acetate	5.018	43	16450	3.659	ug/l #	71

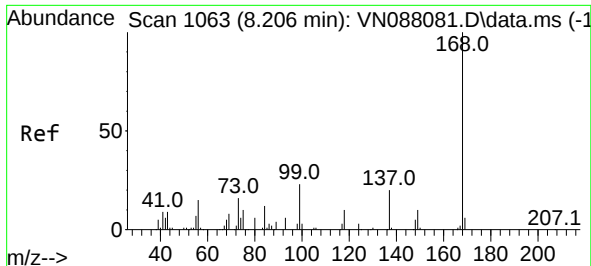
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088210.D
Acq On : 06 Nov 2025 16:33
Operator : JC\MD
Sample : Q3536-03
Misc : 1.63g/10mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
2061

Quant Time: Nov 07 02:22:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

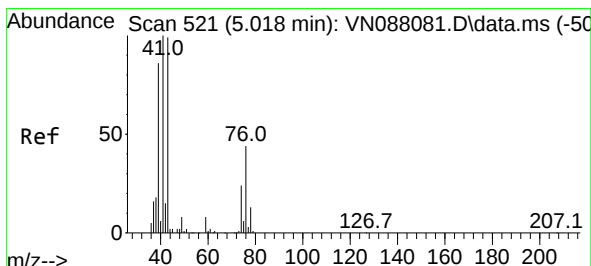
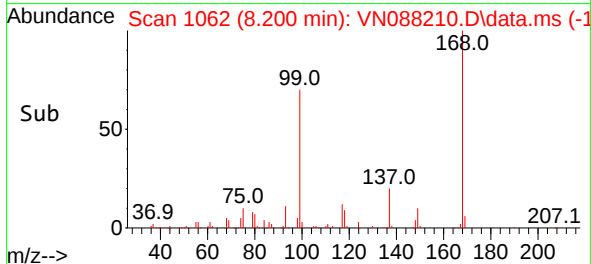
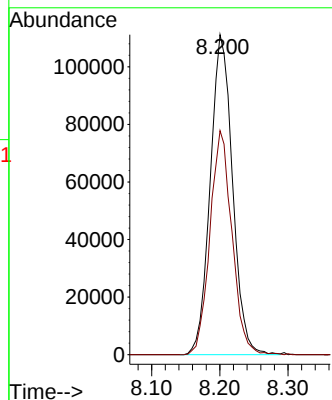
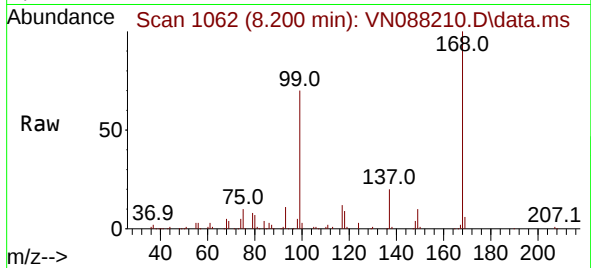




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088210.D
Acq: 06 Nov 2025 16:33

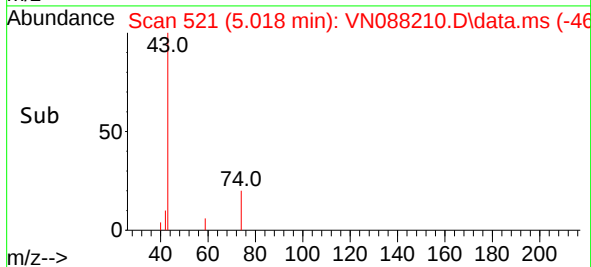
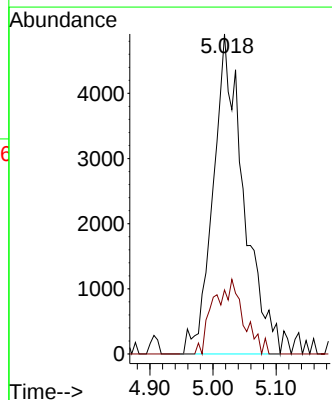
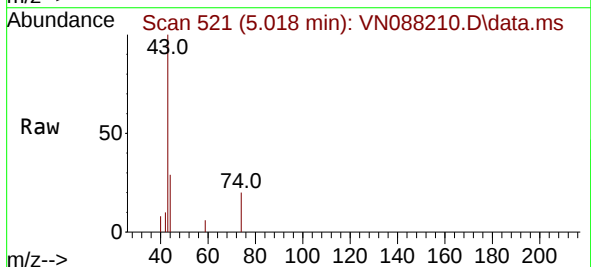
Instrument :
MSVOA_N
ClientSampleId :
2061

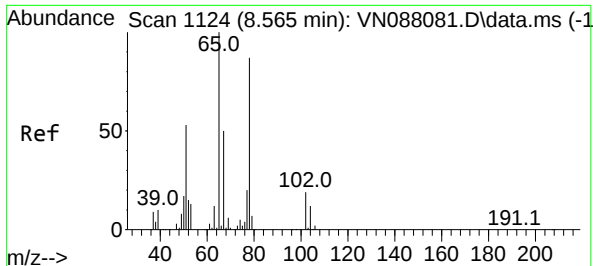
Tgt Ion:168 Resp: 252774
Ion Ratio Lower Upper
168 100
99 70.0 57.2 85.8



#18
Methyl Acetate
Concen: 3.659 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088210.D
Acq: 06 Nov 2025 16:33

Tgt Ion: 43 Resp: 16450
Ion Ratio Lower Upper
43 100
74 8.4 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 62.577 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088210.D

Acq: 06 Nov 2025 16:33

Instrument :

MSVOA_N

ClientSampleId :

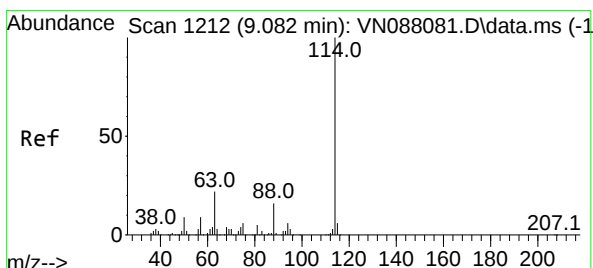
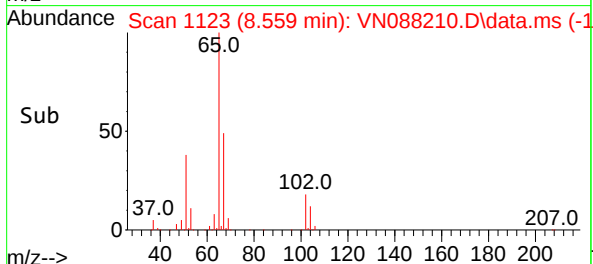
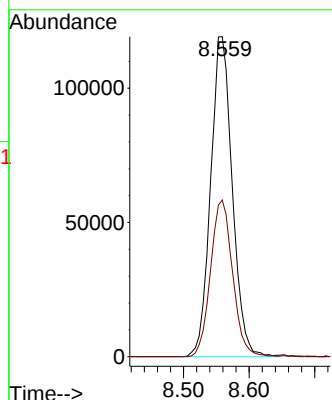
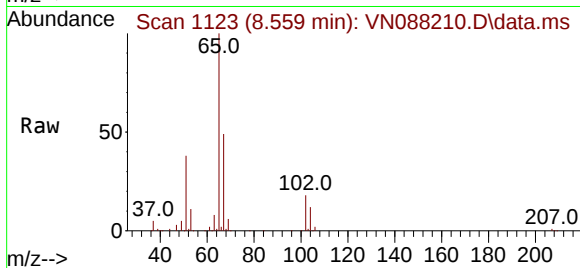
2061

Tgt Ion: 65 Resp: 273525

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088210.D

Acq: 06 Nov 2025 16:33

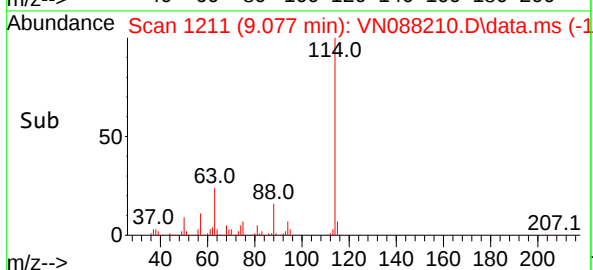
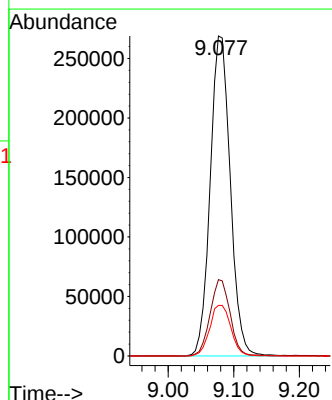
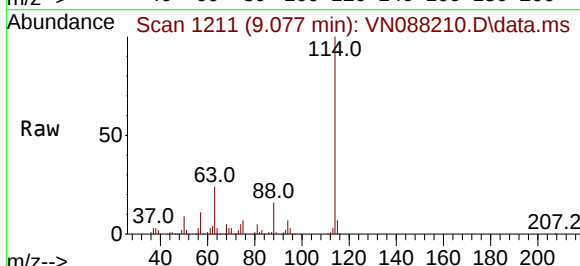
Tgt Ion: 114 Resp: 571424

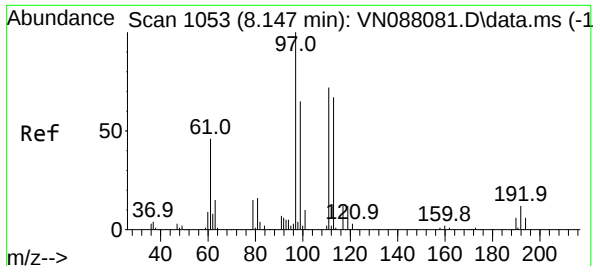
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.2

88 15.8 0.0 33.4

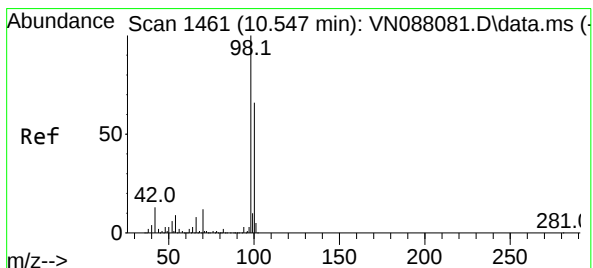
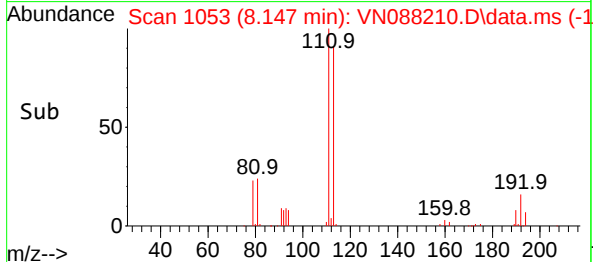
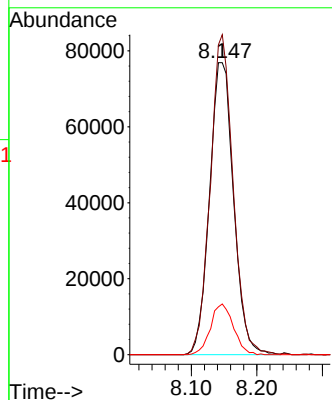
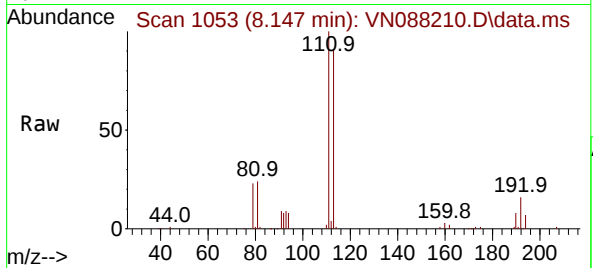




#35
Dibromofluoromethane
Concen: 51.004 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088210.D
Acq: 06 Nov 2025 16:33

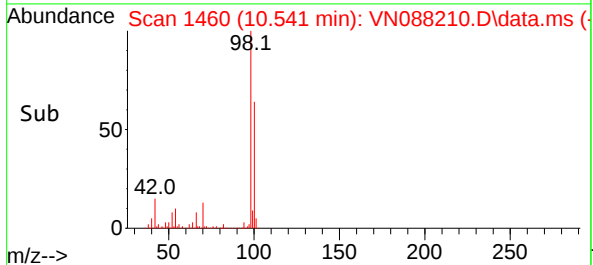
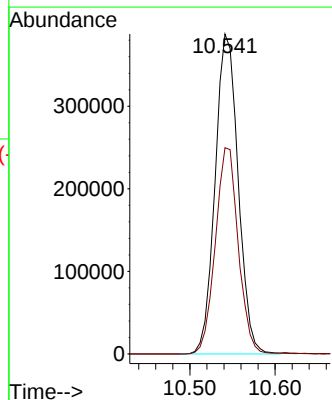
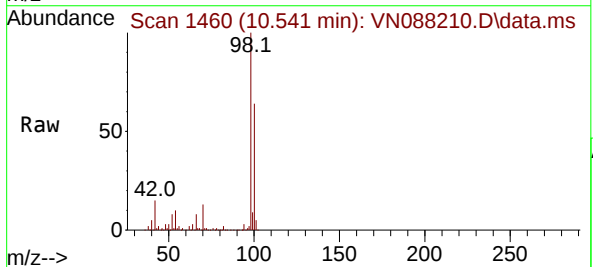
Instrument :
MSVOA_N
ClientSampleId :
2061

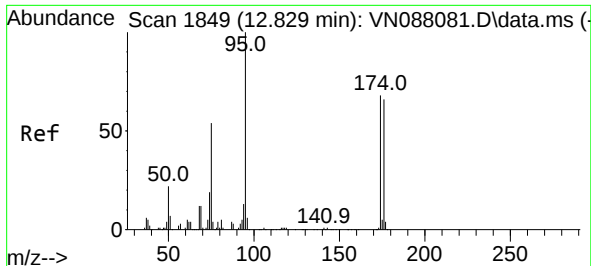
Tgt Ion:113 Resp: 195797
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 16.6 12.8 19.2



#50
Toluene-d8
Concen: 49.174 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088210.D
Acq: 06 Nov 2025 16:33

Tgt Ion: 98 Resp: 727372
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

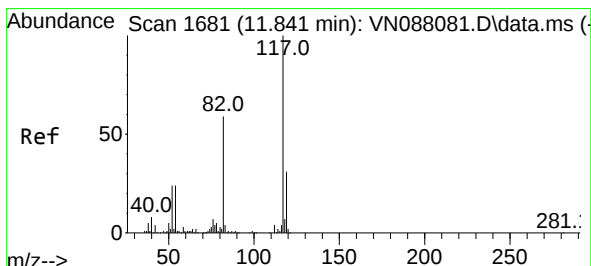
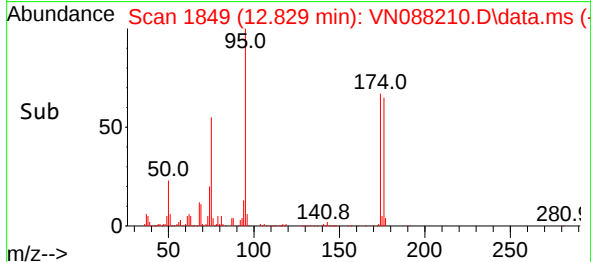
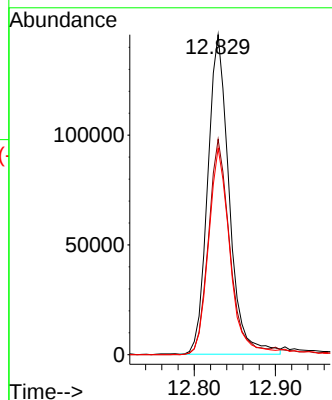
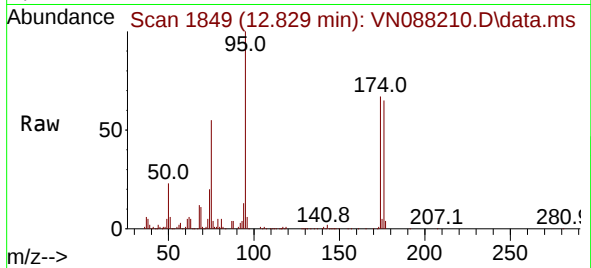




#62
4-Bromofluorobenzene
Concen: 51.158 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088210.D
Acq: 06 Nov 2025 16:33

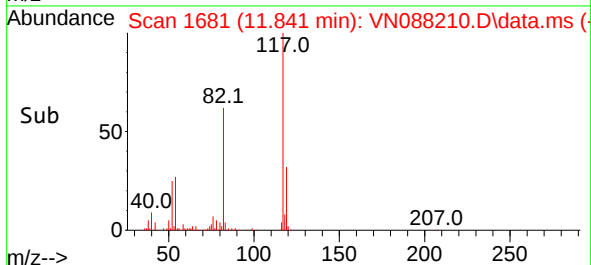
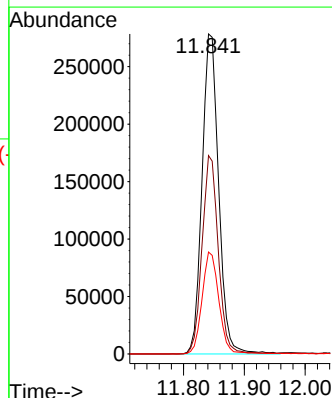
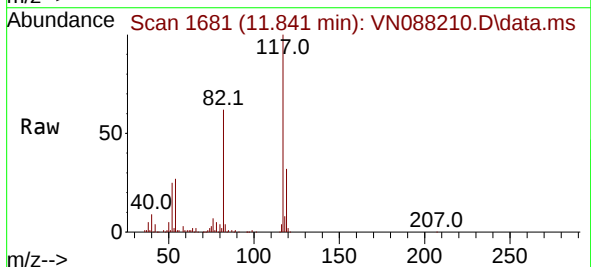
Instrument :
MSVOA_N
ClientSampleId :
2061

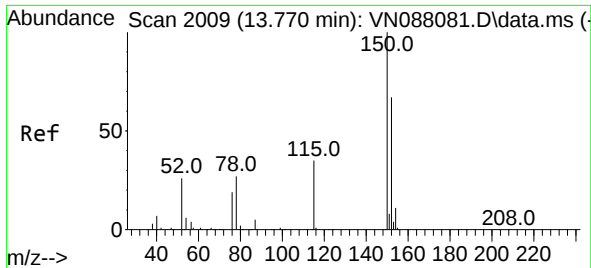
Tgt Ion: 95 Resp: 267243
Ion Ratio Lower Upper
95 100
174 67.1 0.0 138.4
176 64.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088210.D
Acq: 06 Nov 2025 16:33

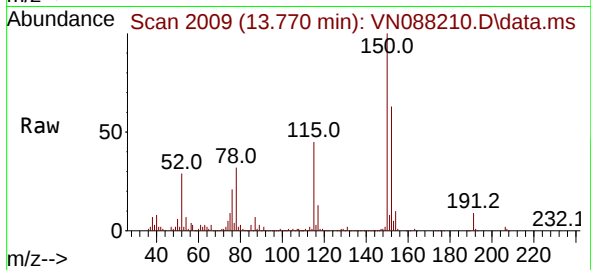
Tgt Ion: 117 Resp: 526684
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 31.8 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2061
 Delta R.T. 0.006 min
 Lab File: VN088210.D
 Acq: 06 Nov 2025 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 2061



Tgt Ion:152 Resp: 262543

Ion	Ratio	Lower	Upper
152	100		
115	70.0	32.3	96.8
150	159.1	0.0	351.0

