

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088164.D
 Acq On : 29 Oct 2025 16:30
 Operator : JC\MD
 Sample : Q3472-14
 Misc : 1.68g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 155

Quant Time: Oct 30 04:09:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

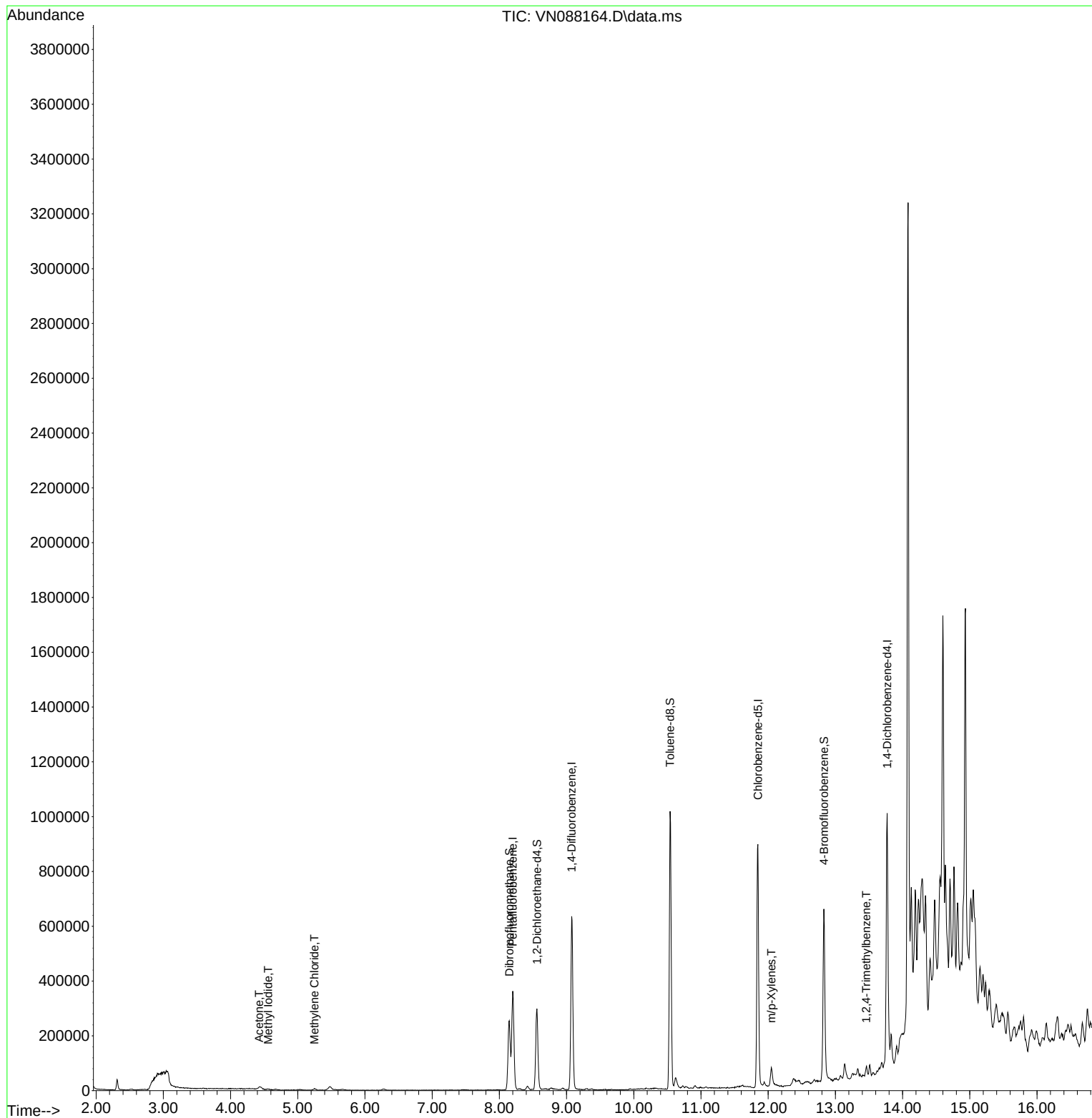
Internal Standards						
1) Pentafluorobenzene	8.200	168	230078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.076	114	527445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	490531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	243124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	252394	63.439	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.880%#	
35) Dibromofluoromethane	8.147	113	182138	51.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.800%	
50) Toluene-d8	10.541	98	686803	50.303	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.829	95	243725	50.546	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.559	142	5569	6.100	ug/l #	93
16) Acetone	4.424	43	24584	12.300	ug/l	93
20) Methylene Chloride	5.247	84	3506	1.882	ug/l #	80
68) m/p-Xylenes	12.047	106	19917	2.719	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	29322	1.882	ug/l	97

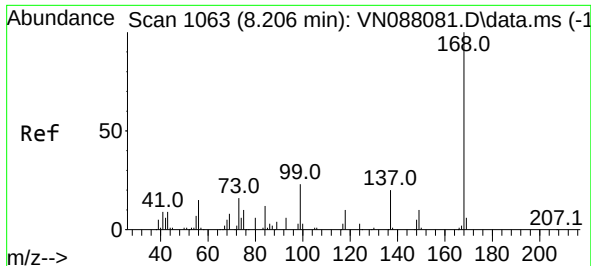
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088164.D
Acq On : 29 Oct 2025 16:30
Operator : JC\MD
Sample : Q3472-14
Misc : 1.68g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
155

Quant Time: Oct 30 04:09:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

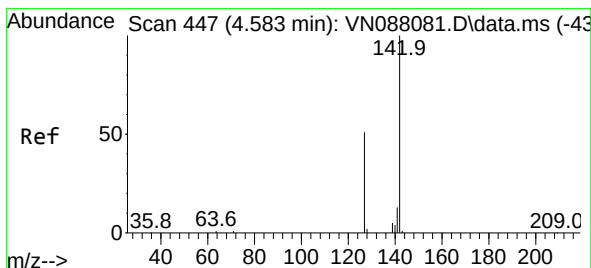
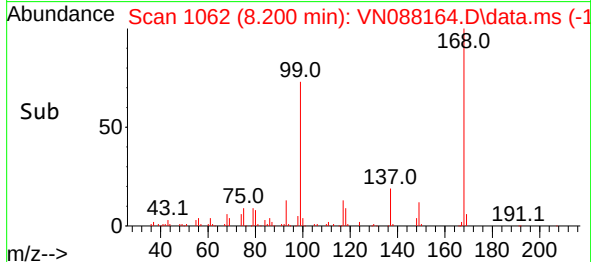
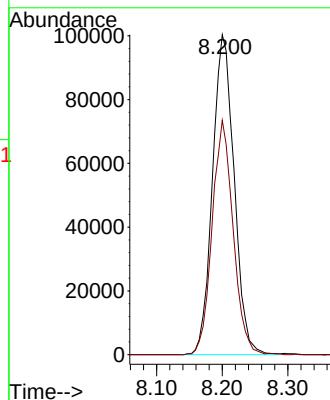
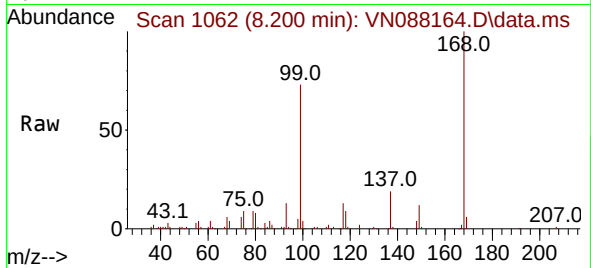




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1155
Delta R.T. -0.006 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

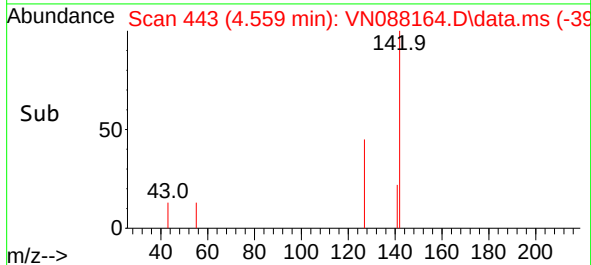
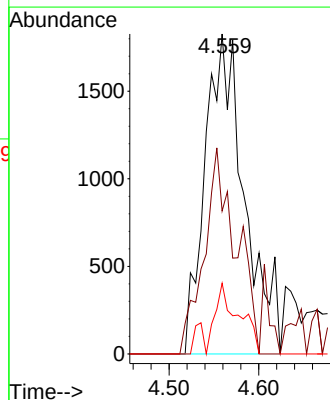
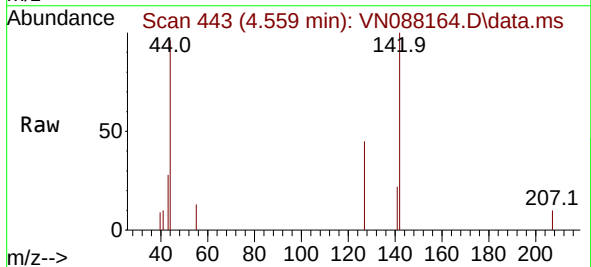
Instrument :
MSVOA_N
ClientSampleId :
155

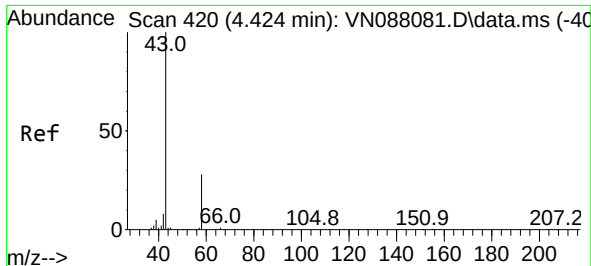
Tgt Ion:168 Resp: 230078
Ion Ratio Lower Upper
168 100
99 73.3 57.2 85.8



#10
Methyl Iodide
Concen: 6.100 ug/l
RT: 4.559 min Scan# 443
Delta R.T. -0.018 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

Tgt Ion:142 Resp: 5569
Ion Ratio Lower Upper
142 100
127 44.7 38.0 57.0
141 22.1 12.0 18.0#

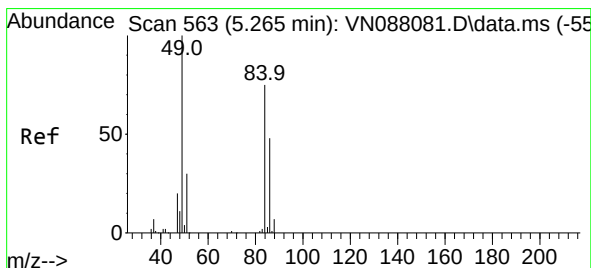
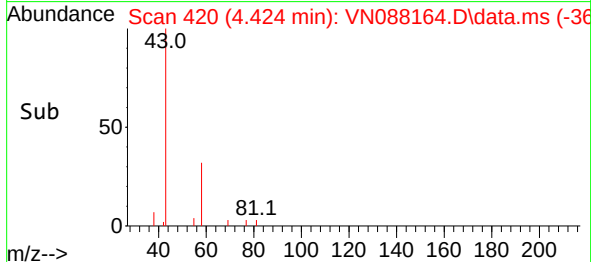
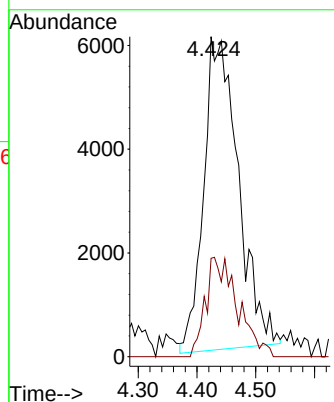
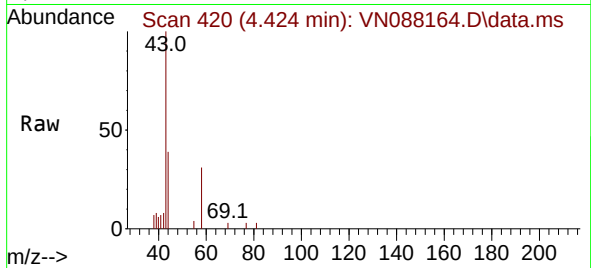




#16
Acetone
Concen: 12.300 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

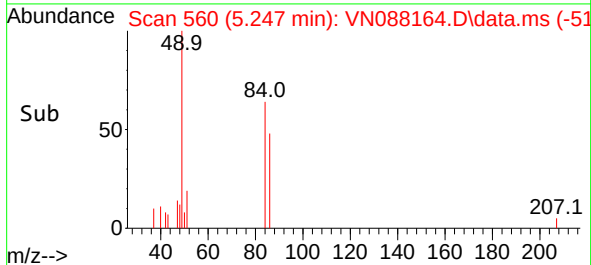
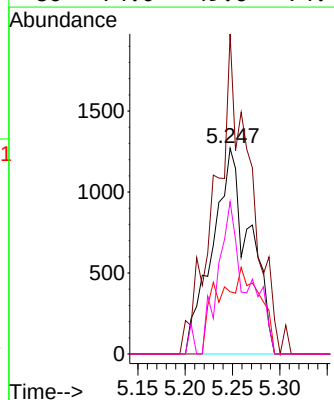
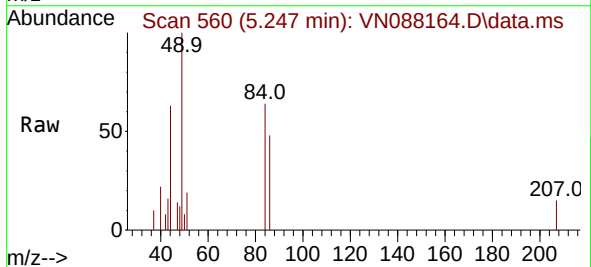
Instrument :
MSVOA_N
ClientSampleId :
155

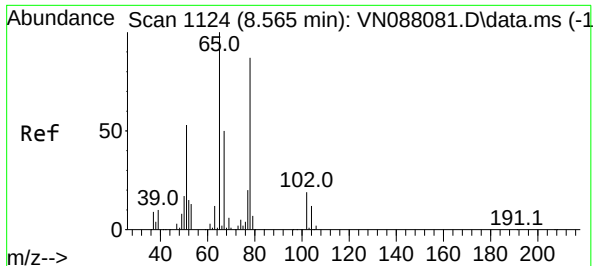
Tgt Ion: 43 Resp: 24584
Ion Ratio Lower Upper
43 100
58 32.1 22.6 33.8



#20
Methylene Chloride
Concen: 1.882 ug/l
RT: 5.247 min Scan# 560
Delta R.T. -0.018 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

Tgt Ion: 84 Resp: 3506
Ion Ratio Lower Upper
84 100
49 155.5 103.4 155.2#
51 30.3 33.8 50.8#
86 74.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 63.439 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088164.D

Acq: 29 Oct 2025 16:30

Instrument :

MSVOA_N

ClientSampleId :

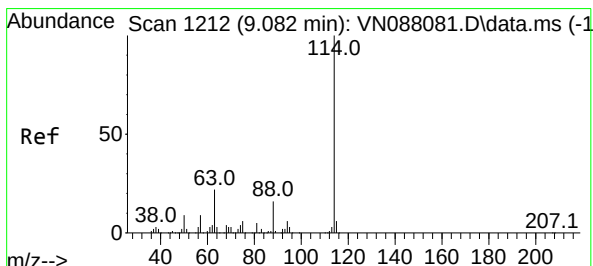
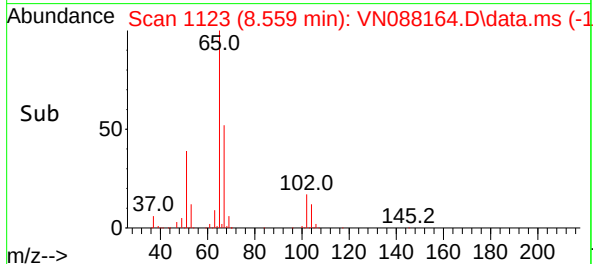
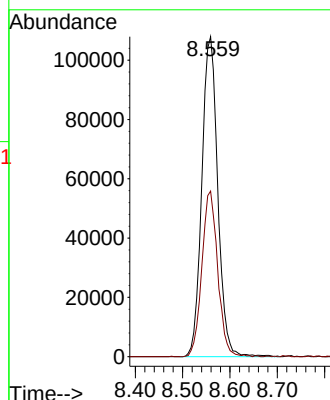
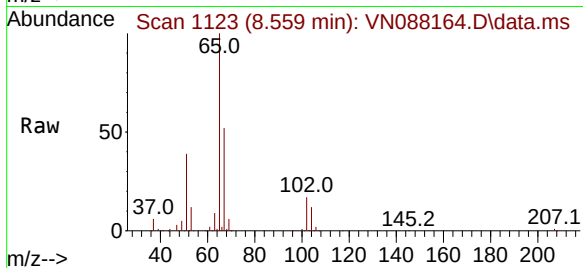
155

Tgt Ion: 65 Resp: 252394

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.076 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088164.D

Acq: 29 Oct 2025 16:30

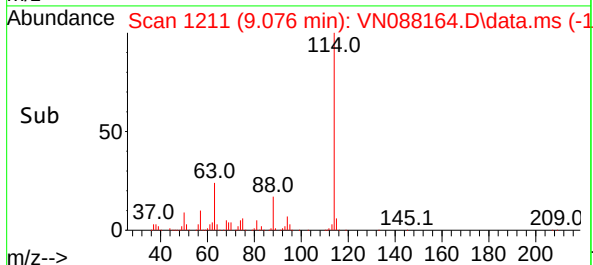
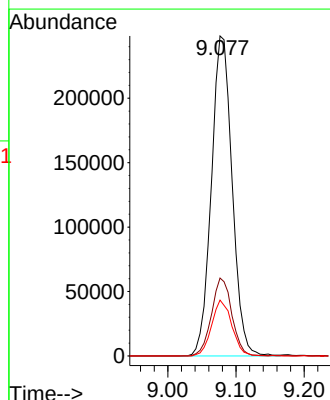
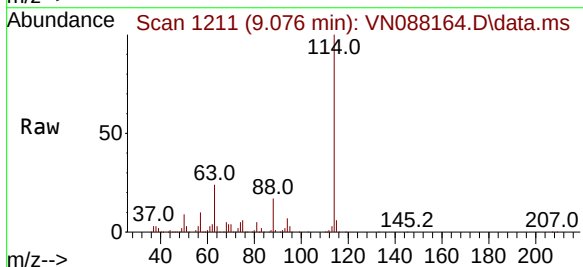
Tgt Ion: 114 Resp: 527445

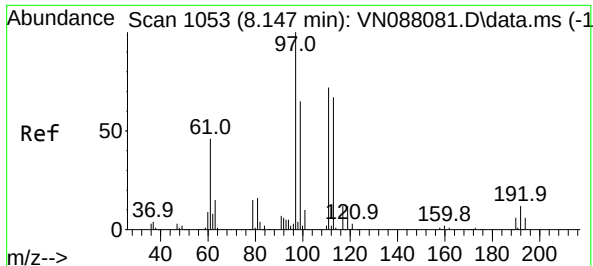
Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.2

88 17.5 0.0 33.4

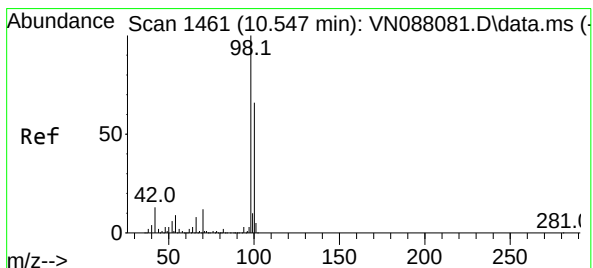
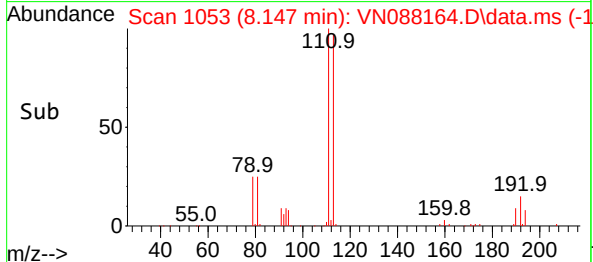
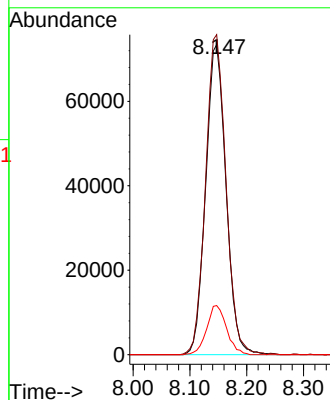
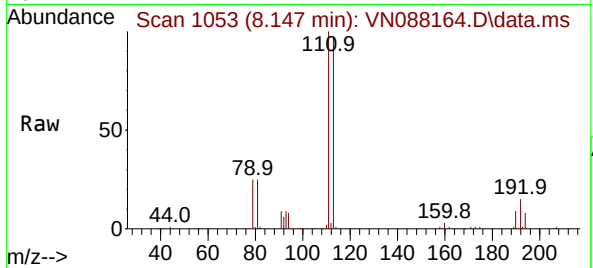




#35
Dibromofluoromethane
Concen: 51.402 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

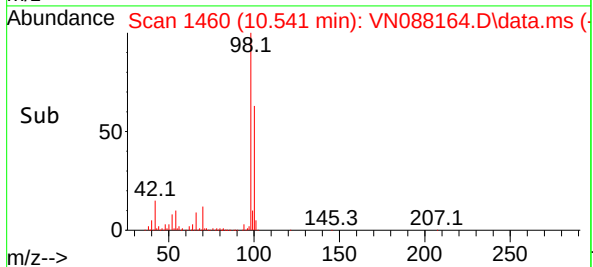
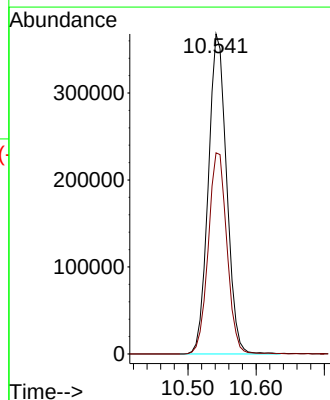
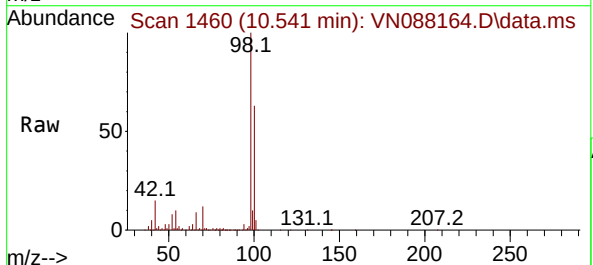
Instrument :
MSVOA_N
ClientSampleId :
155

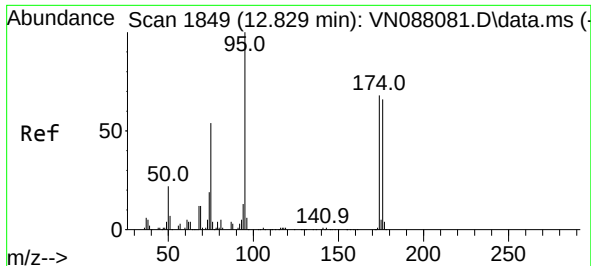
Tgt Ion:113 Resp: 182138
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 15.5 12.8 19.2



#50
Toluene-d8
Concen: 50.303 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

Tgt Ion: 98 Resp: 686803
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2

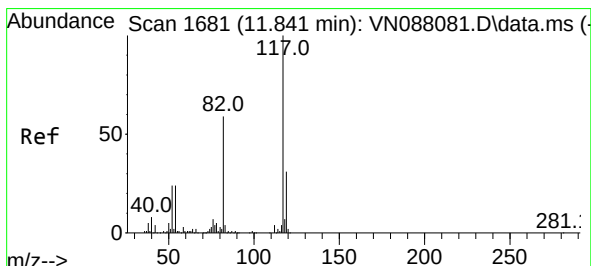
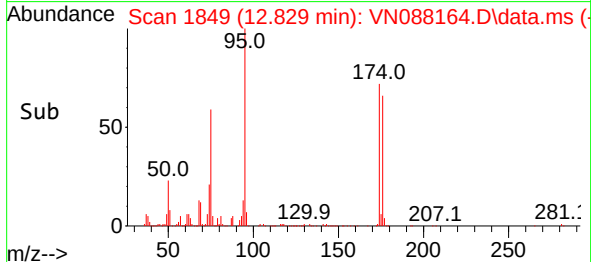
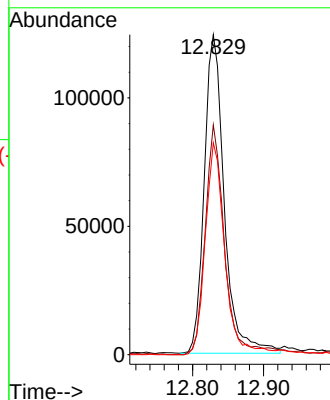
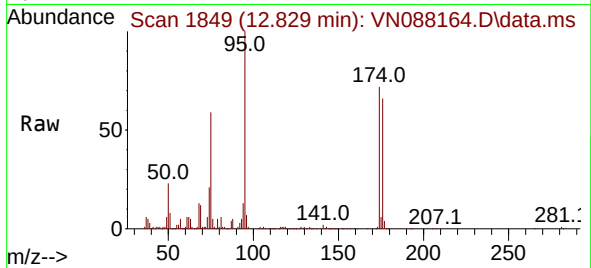




#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 12.829 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

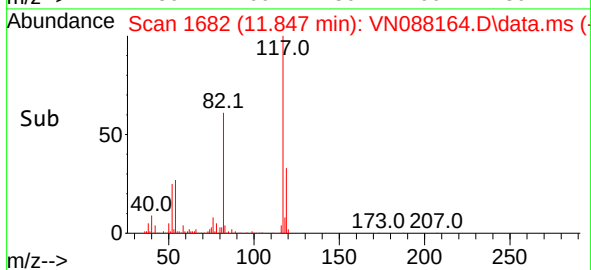
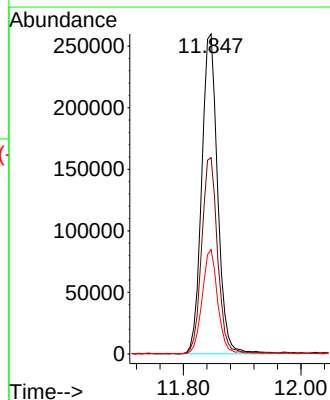
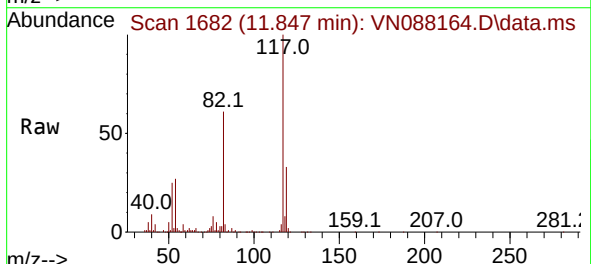
Instrument :
MSVOA_N
ClientSampleId :
155

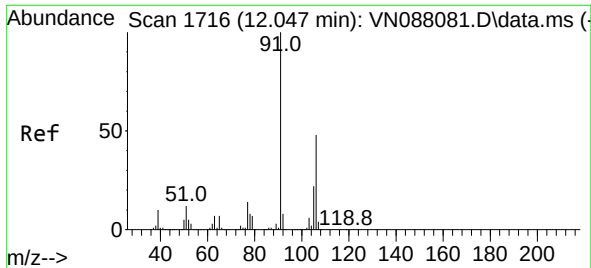
Tgt Ion: 95 Resp: 243725
Ion Ratio Lower Upper
95 100
174 71.0 0.0 138.4
176 65.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

Tgt Ion: 117 Resp: 490531
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.5 24.3 36.5

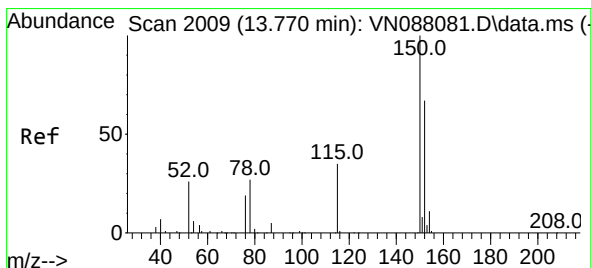
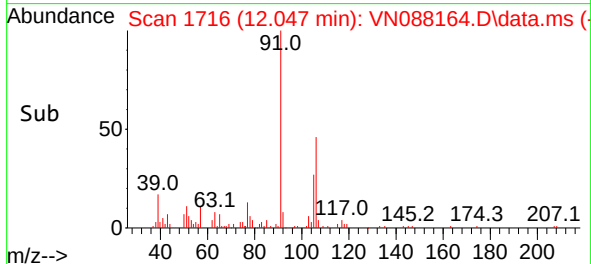
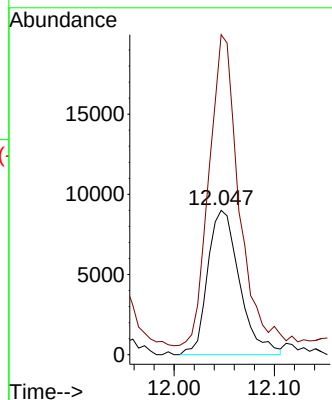
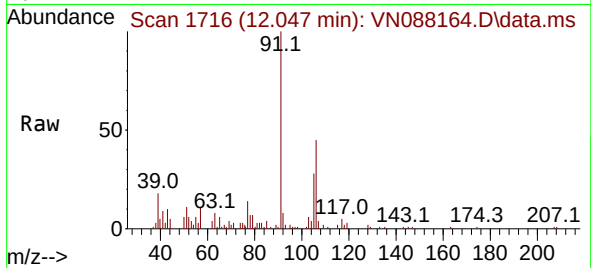




#68
m/p-Xylenes
Concen: 2.719 ug/l
RT: 12.047 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

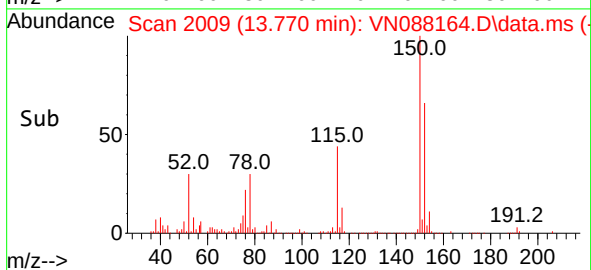
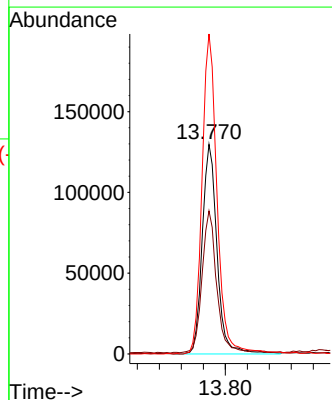
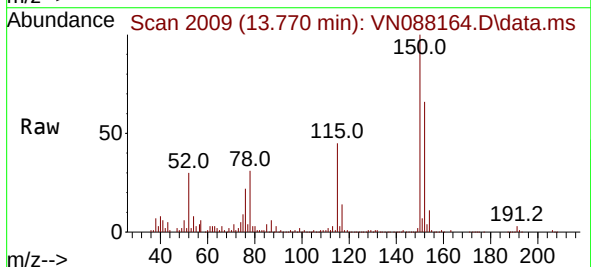
Instrument :
MSVOA_N
ClientSampleId :
155

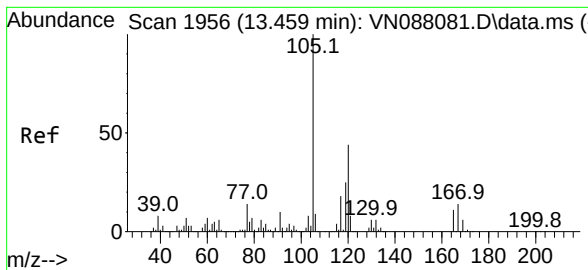
Tgt Ion:106 Resp: 19917
Ion Ratio Lower Upper
106 100
91 203.6 169.3 253.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088164.D
Acq: 29 Oct 2025 16:30

Tgt Ion:152 Resp: 243124
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 154.8 0.0 351.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.882 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088164.D
 Acq: 29 Oct 2025 16:30

Instrument :
 MSVOA_N
 ClientSampleId :
 155

Tgt Ion:105 Resp: 29322
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.0 66.0

