

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087381.D
 Acq On : 21 Jul 2025 15:42
 Operator : JC\MD
 Sample : Q2649-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Jul 22 03:09:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

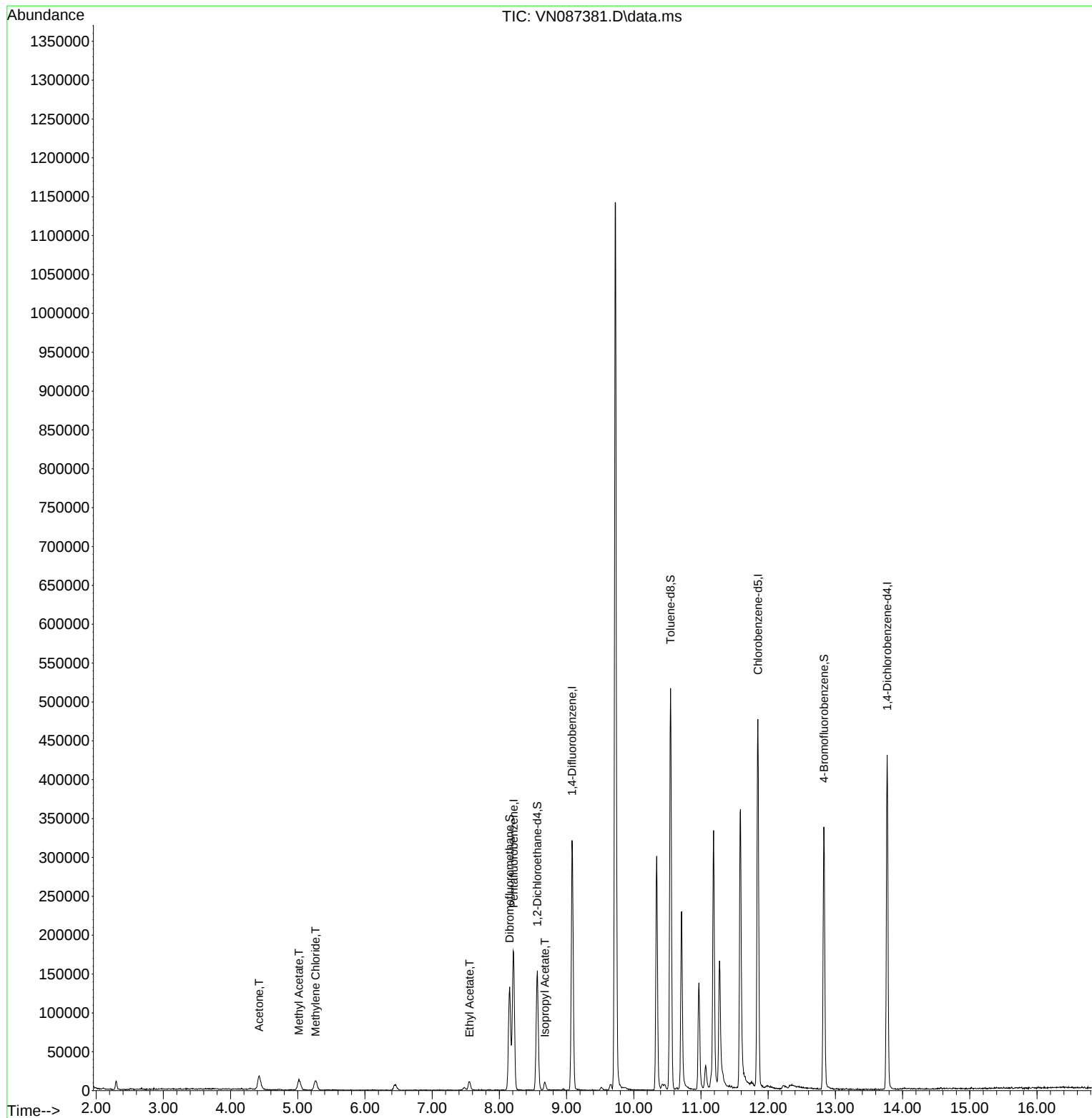
Internal Standards						
1) Pentafluorobenzene	8.212	168	129027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	263202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	260994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	115026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	126628	57.839	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.680%	
35) Dibromofluoromethane	8.153	113	93958	51.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.500%	
50) Toluene-d8	10.547	98	347013	53.582	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.829	95	117891	49.271	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	34487	33.596	ug/l	96
18) Methyl Acetate	5.018	43	27690	10.737	ug/l	98
20) Methylene Chloride	5.265	84	9213	4.730	ug/l #	84
37) Ethyl Acetate	7.559	43	18847	5.440	ug/l	96
43) Isopropyl Acetate	8.677	43	12491	2.323	ug/l #	88

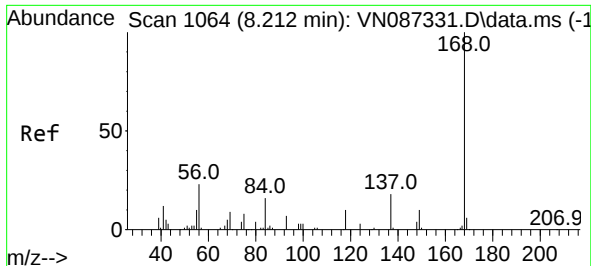
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087381.D
Acq On : 21 Jul 2025 15:42
Operator : JC\MD
Sample : Q2649-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-4

Quant Time: Jul 22 03:09:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

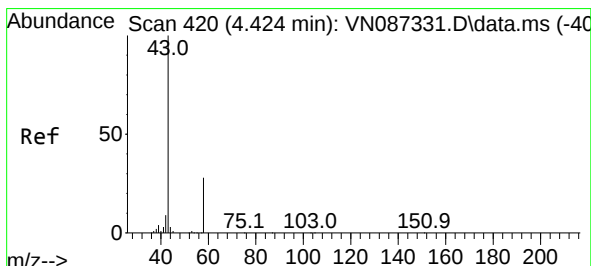
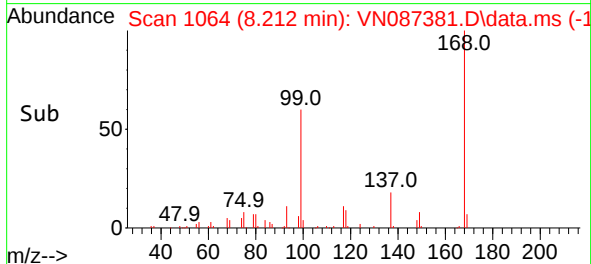
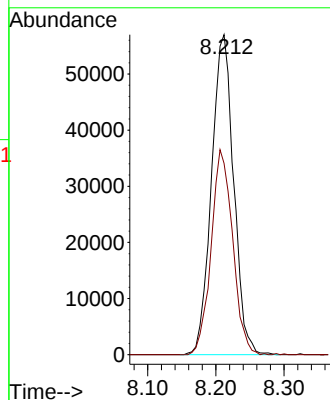
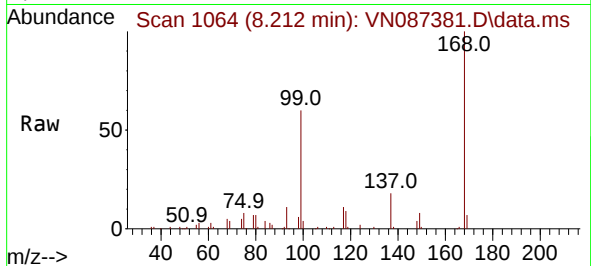




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

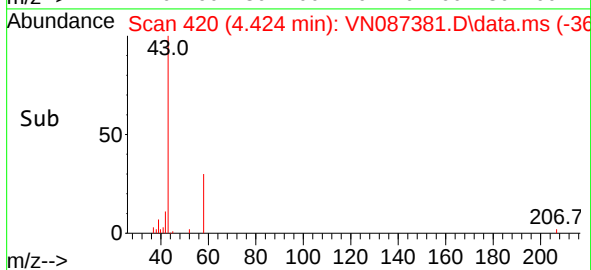
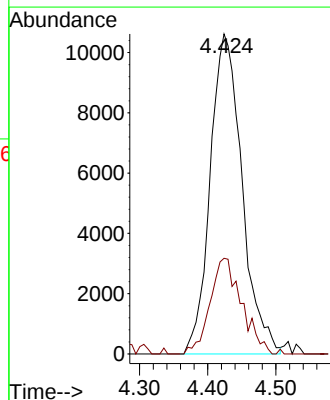
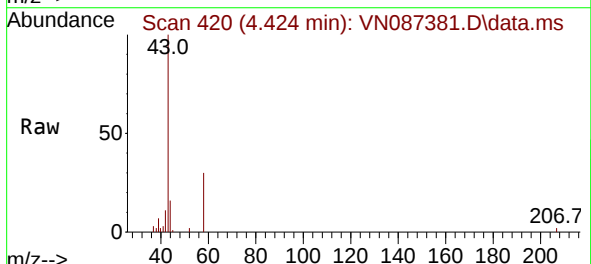
Instrument :
MSVOA_N
ClientSampleId :
WC-4

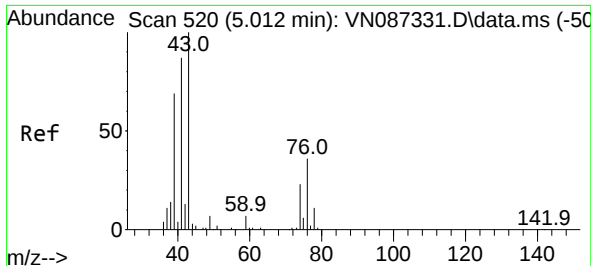
Tgt Ion:168 Resp: 129027
Ion Ratio Lower Upper
168 100
99 59.8 47.9 71.9



#16
Acetone
Concen: 33.596 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

Tgt Ion: 43 Resp: 34487
Ion Ratio Lower Upper
43 100
58 29.9 22.3 33.5

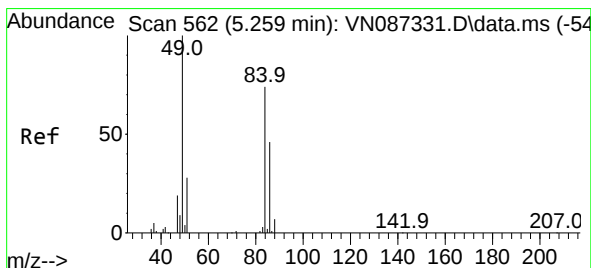
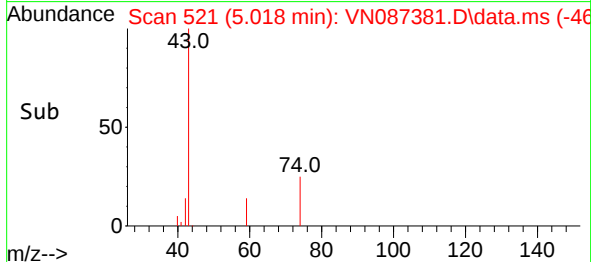
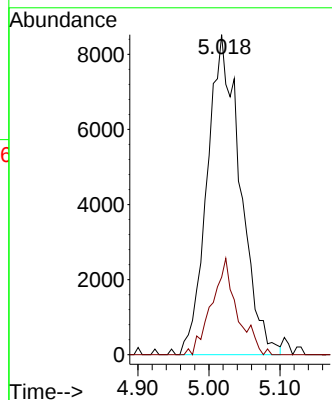
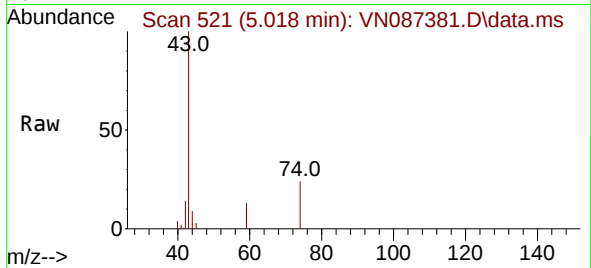




#18
Methyl Acetate
Concen: 10.737 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

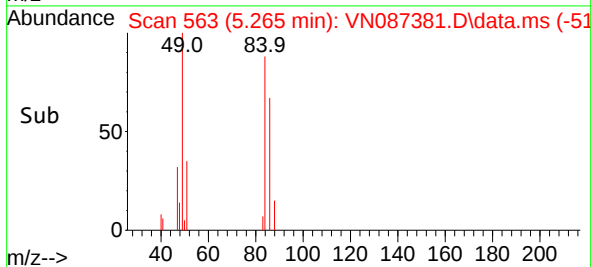
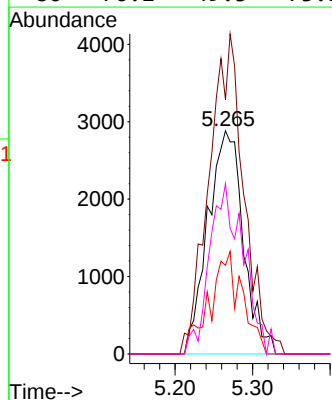
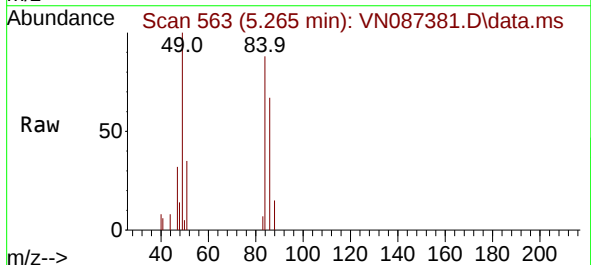
Instrument :
MSVOA_N
ClientSampleId :
WC-4

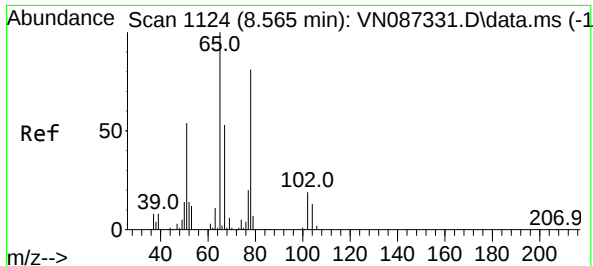
Tgt Ion: 43 Resp: 27690
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.6



#20
Methylene Chloride
Concen: 4.730 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

Tgt Ion: 84 Resp: 9213
Ion Ratio Lower Upper
84 100
49 113.9 107.5 161.3
51 39.7 30.2 45.2
86 76.2 49.3 73.9#

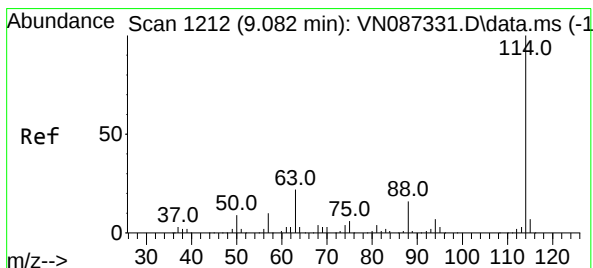
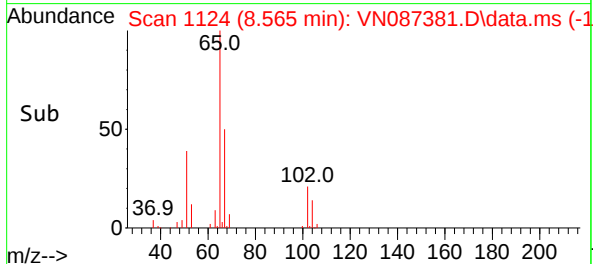
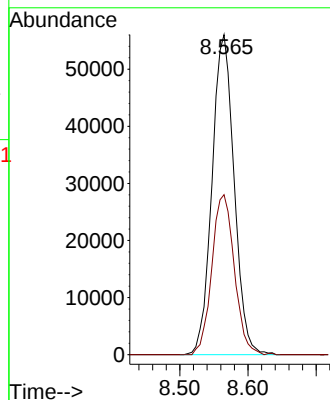
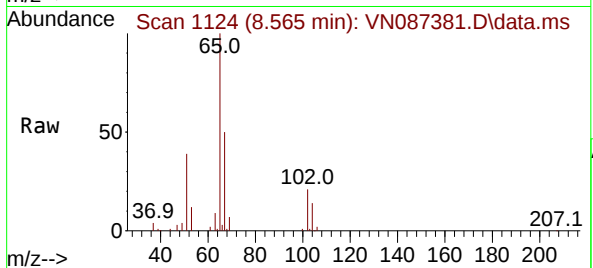




#33
1,2-Dichloroethane-d4
Concen: 57.839 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

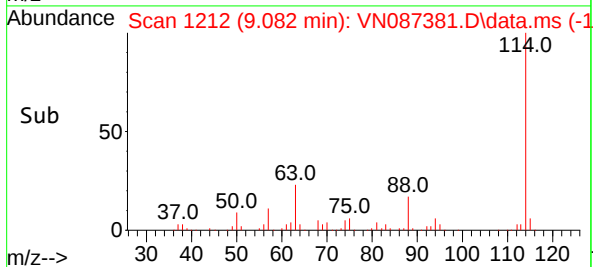
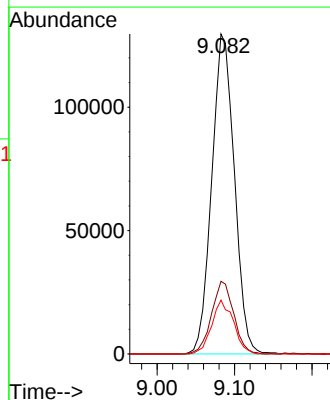
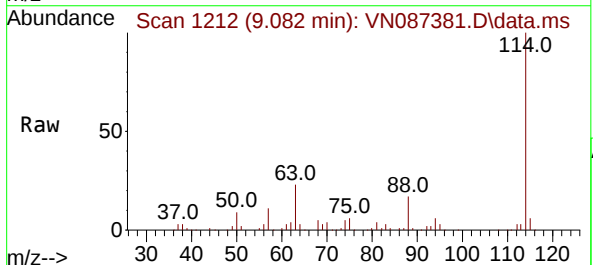
Instrument :
MSVOA_N
ClientSampleId :
WC-4

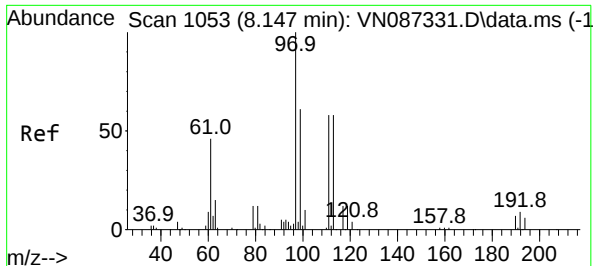
Tgt Ion: 65 Resp: 126628
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

Tgt Ion: 114 Resp: 263202
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 16.8 0.0 32.8

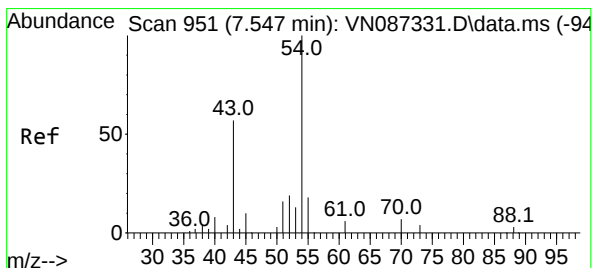
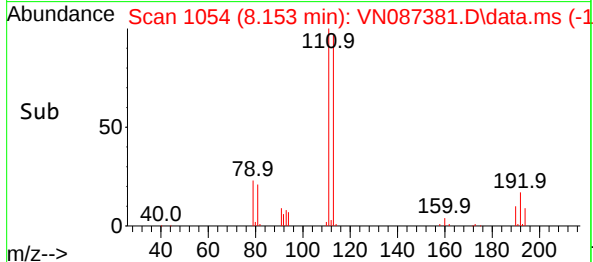
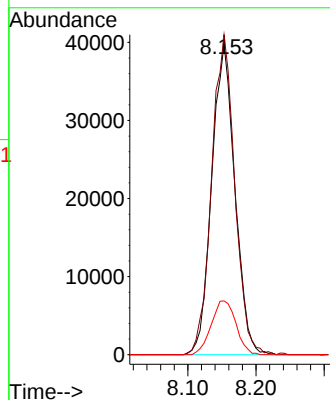
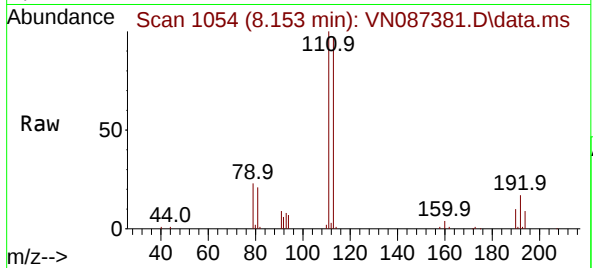




#35
Dibromofluoromethane
Concen: 51.751 ug/l
RT: 8.153 min Scan# 113
Delta R.T. 0.006 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

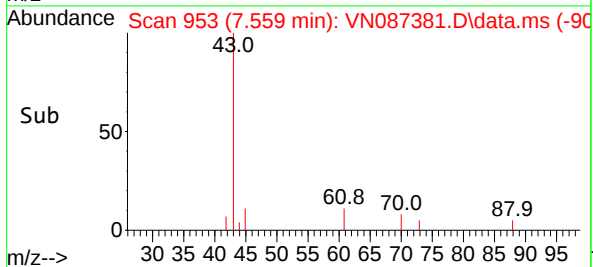
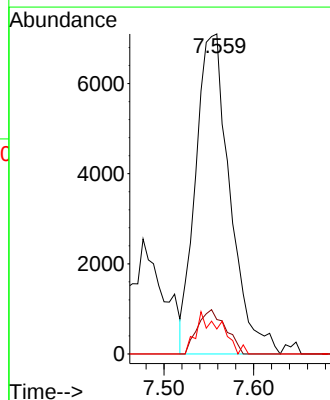
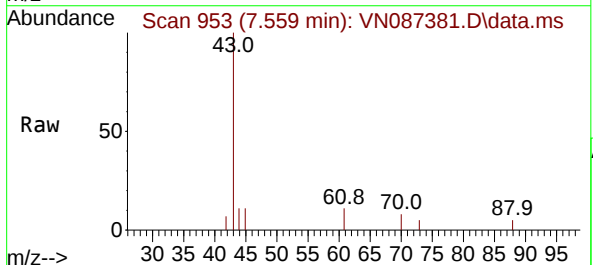
Instrument :
MSVOA_N
ClientSampleId :
WC-4

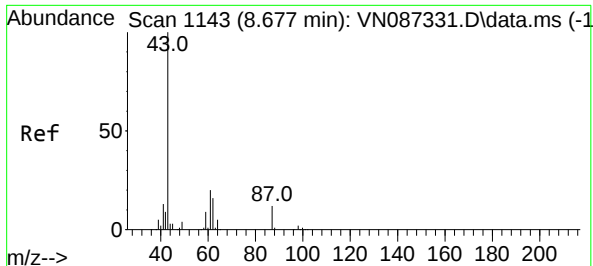
Tgt Ion:113 Resp: 93958
Ion Ratio Lower Upper
113 100
111 102.8 82.5 123.7
192 18.5 13.7 20.5



#37
Ethyl Acetate
Concen: 5.440 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.012 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

Tgt Ion: 43 Resp: 18847
Ion Ratio Lower Upper
43 100
61 11.3 10.9 16.3
70 9.6 7.4 11.0





#43

Isopropyl Acetate

Concen: 2.323 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN087381.D

Acq: 21 Jul 2025 15:42

Instrument :

MSVOA_N

ClientSampleId :

WC-4

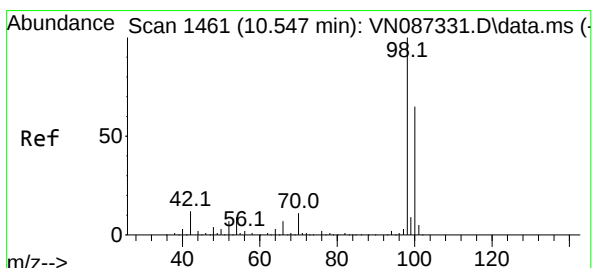
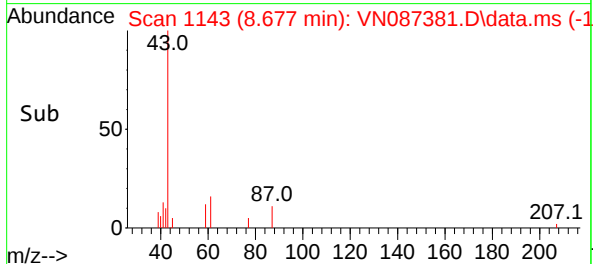
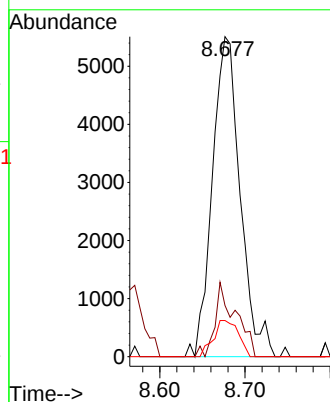
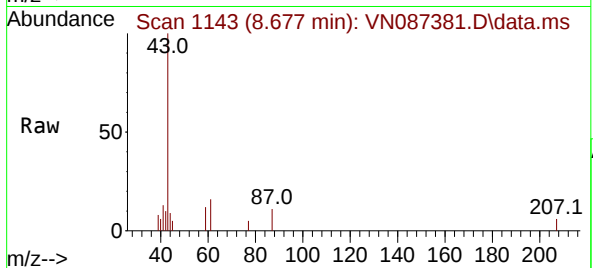
Tgt Ion: 43 Resp: 12491

Ion Ratio Lower Upper

43 100

61 17.4 19.8 29.8#

87 10.2 9.8 14.6



#50

Toluene-d8

Concen: 53.582 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087381.D

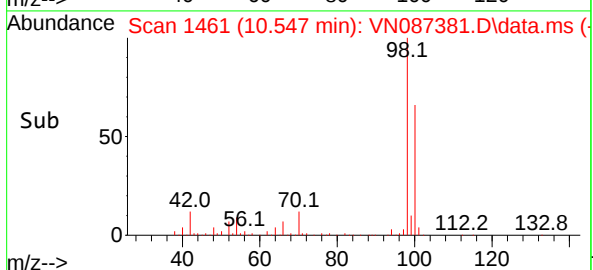
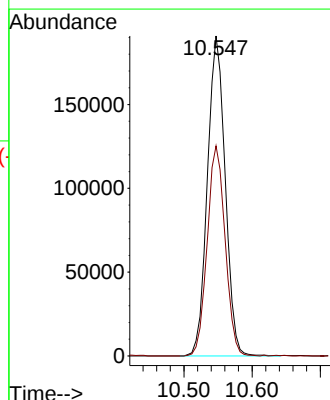
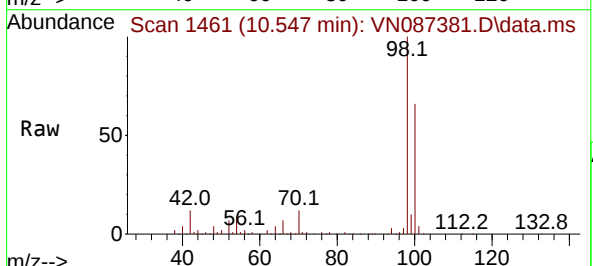
Acq: 21 Jul 2025 15:42

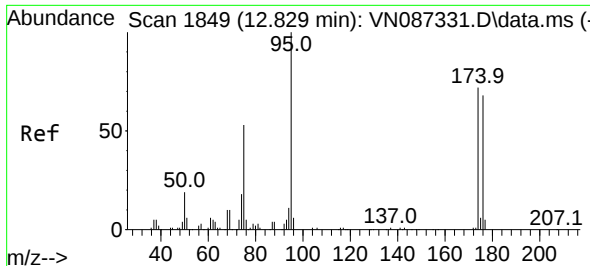
Tgt Ion: 98 Resp: 347013

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1

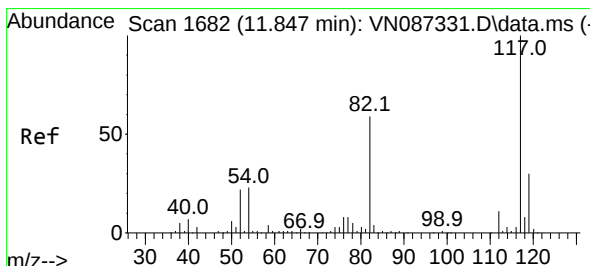
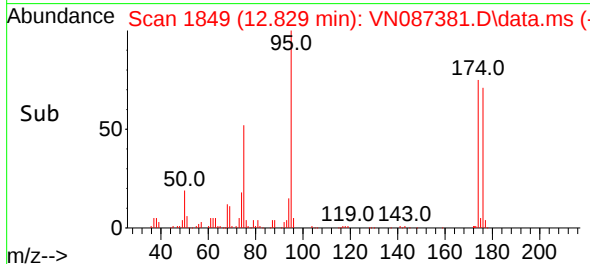
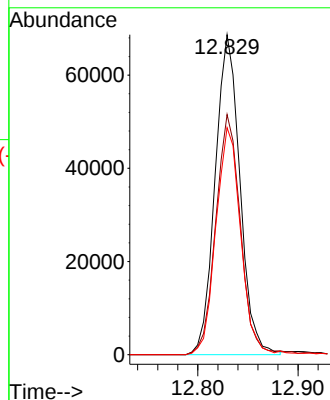
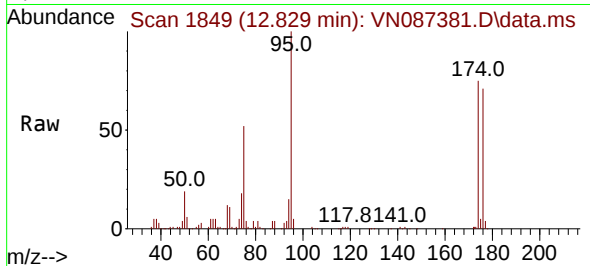




#62
4-Bromofluorobenzene
Concen: 49.271 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

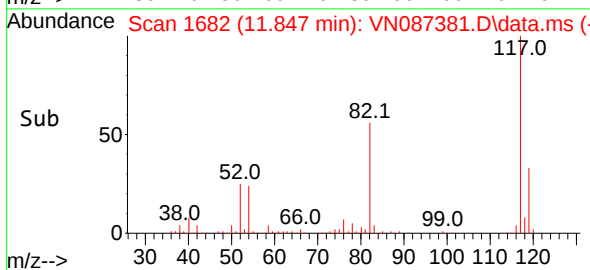
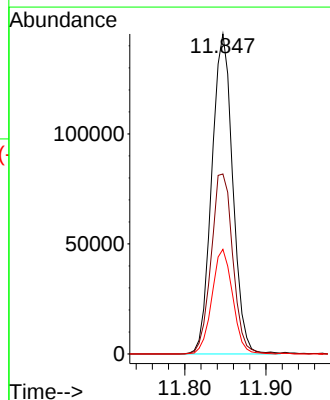
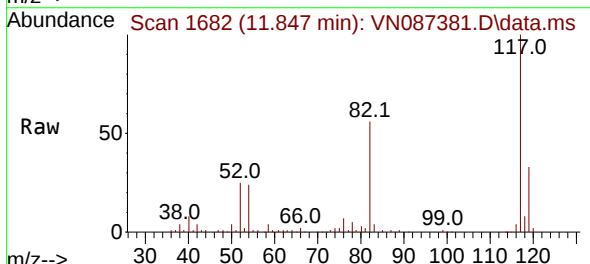
Instrument :
MSVOA_N
ClientSampleId :
WC-4

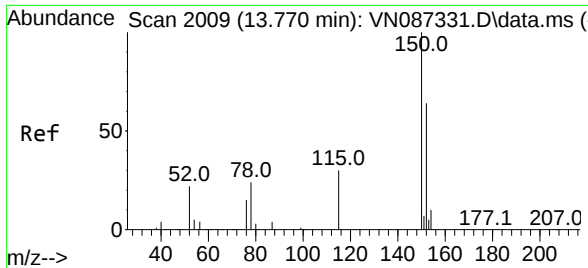
Tgt Ion: 95 Resp: 117891
Ion Ratio Lower Upper
95 100
174 75.5 0.0 149.4
176 71.6 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087381.D
Acq: 21 Jul 2025 15:42

Tgt Ion: 117 Resp: 260994
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.7 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087381.D
 Acq: 21 Jul 2025 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Tgt Ion:152 Resp: 115026
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.1 93.5
 150 158.0 0.0 349.0

