

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087536.D
 Acq On : 13 Aug 2025 15:36
 Operator : JC\MD
 Sample : Q2808-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7RE

Quant Time: Aug 14 04:02:02 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)

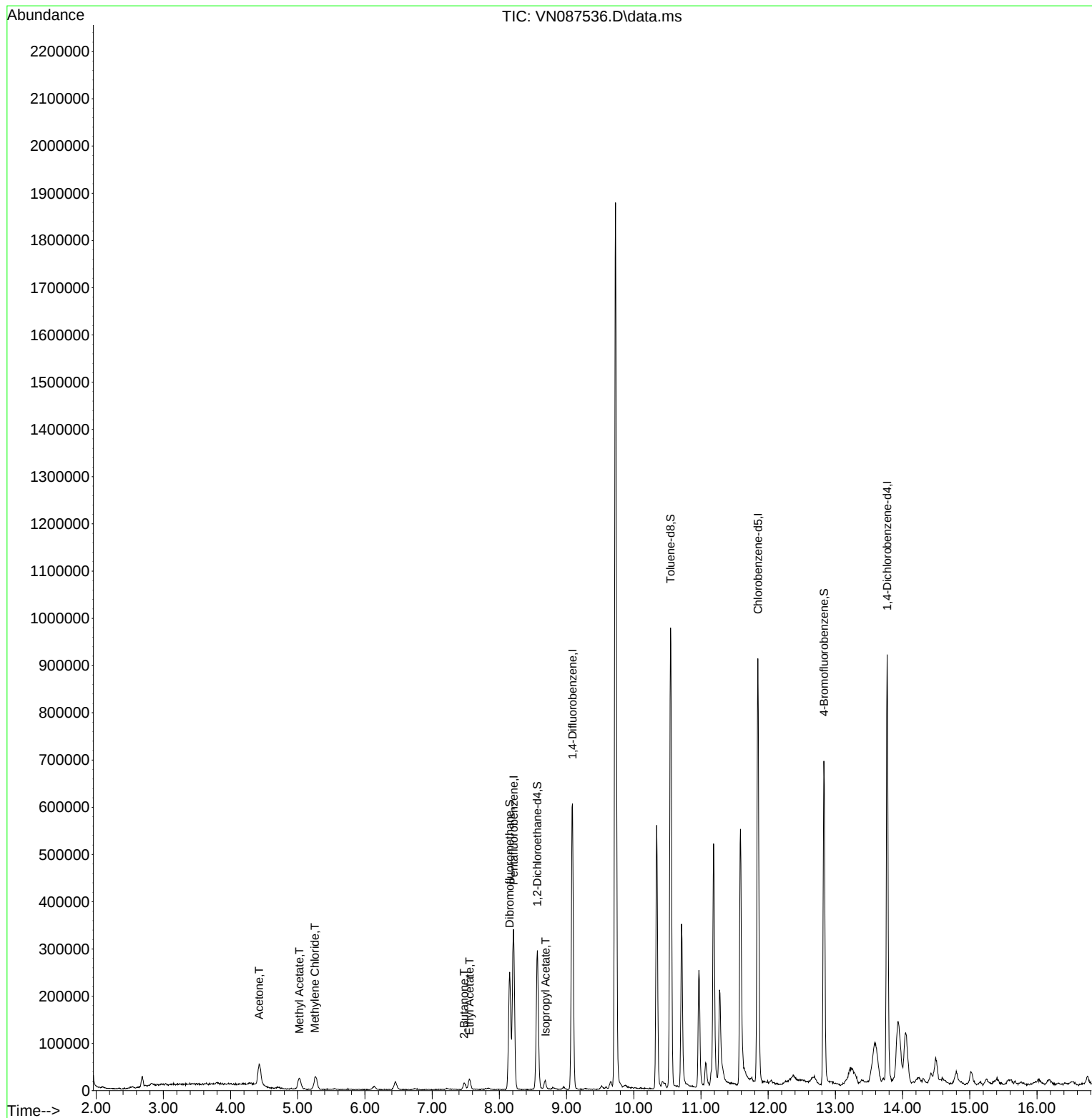
Internal Standards						
1) Pentafluorobenzene	8.212	168	221491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	499677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	478898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	229716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243377	64.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.520%#	
35) Dibromofluoromethane	8.153	113	174728	50.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.380%	
50) Toluene-d8	10.547	98	655545	53.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.829	95	245693	54.088	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	86221	48.930	ug/l	100
18) Methyl Acetate	5.024	43	53471	12.078	ug/l	97
20) Methylene Chloride	5.253	84	21039	6.506	ug/l	88
25) 2-Butanone	7.477	43	23709	8.708	ug/l	92
37) Ethyl Acetate	7.559	43	34715	5.278	ug/l	100
43) Isopropyl Acetate	8.688	43	23495	2.301	ug/l #	88

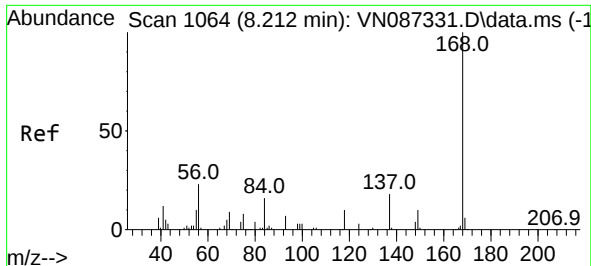
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087536.D
Acq On : 13 Aug 2025 15:36
Operator : JC\MD
Sample : Q2808-04RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-7RE

Quant Time: Aug 14 04:02:02 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

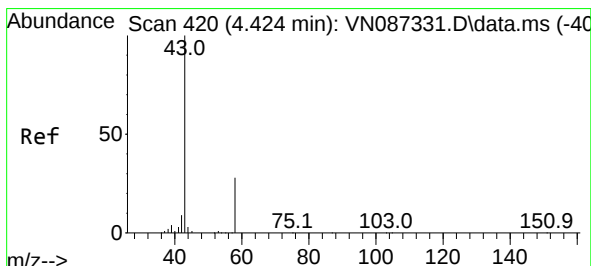
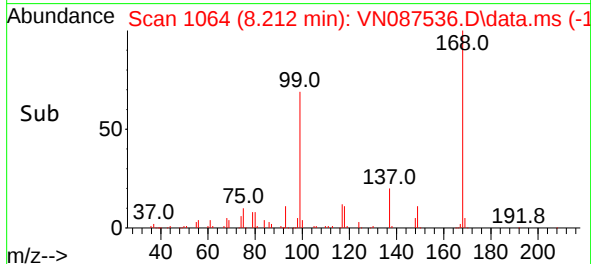
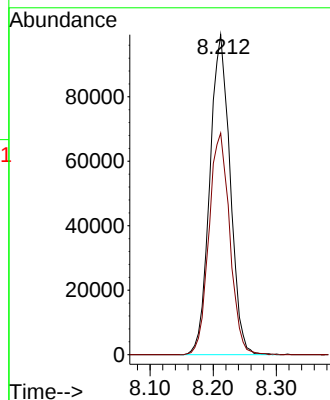
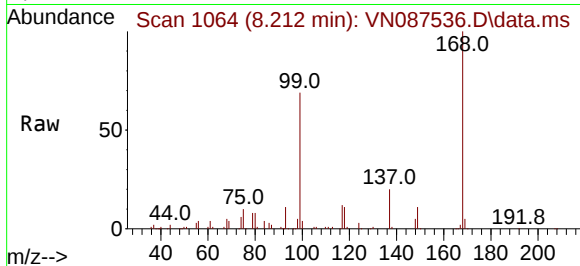




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

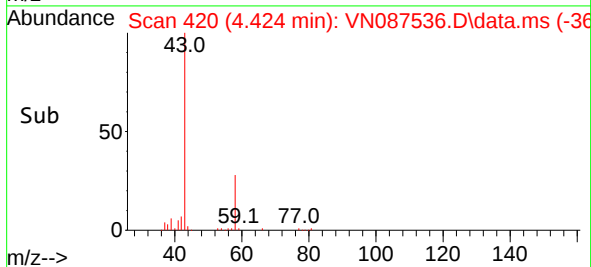
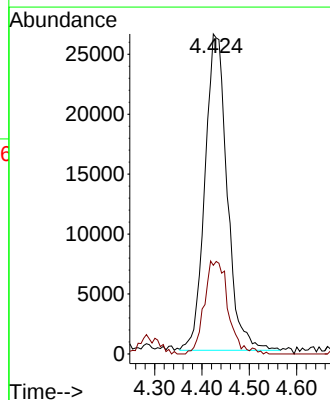
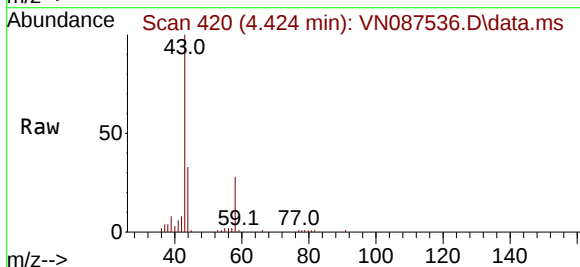
Instrument :
MSVOA_N
ClientSampleId :
TP-7RE

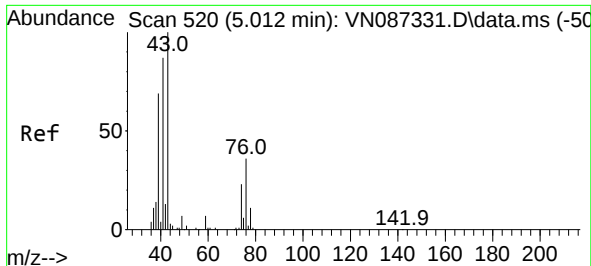
Tgt Ion:168 Resp: 221491
Ion Ratio Lower Upper
168 100
99 69.2 47.9 71.9



#16
Acetone
Concen: 48.930 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 43 Resp: 86221
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5

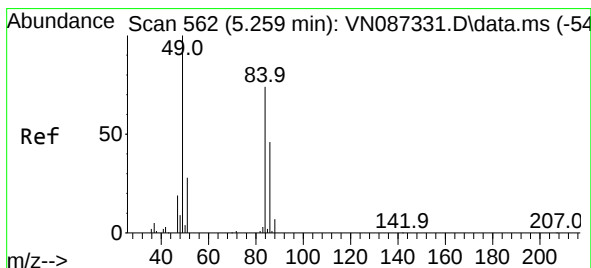
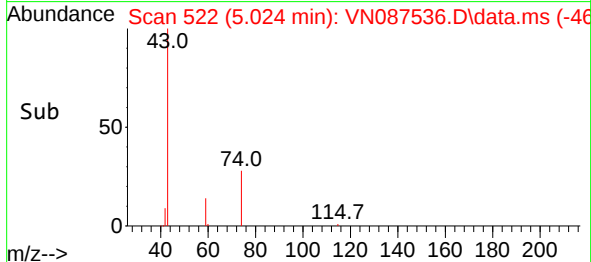
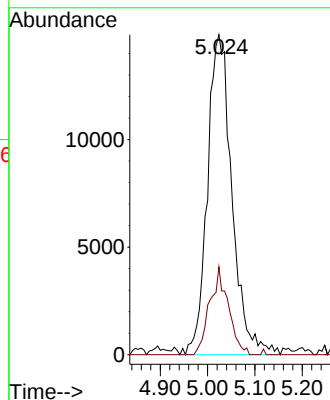
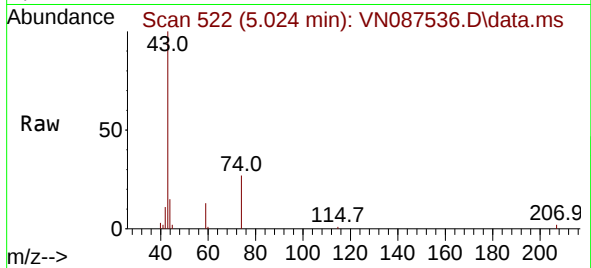




#18
Methyl Acetate
Concen: 12.078 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

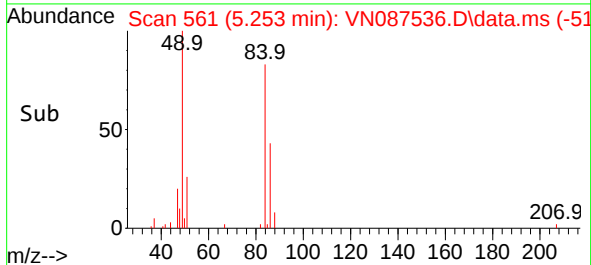
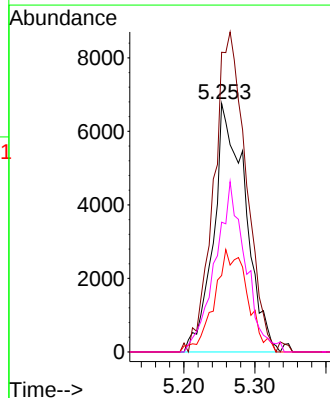
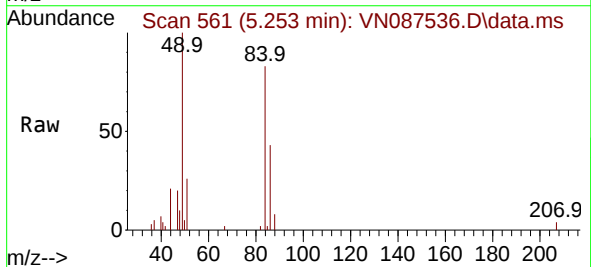
Instrument :
MSVOA_N
ClientSampleId :
TP-7RE

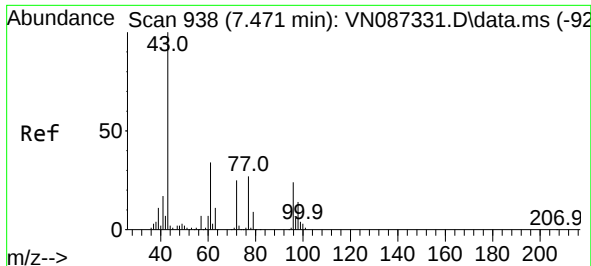
Tgt Ion: 43 Resp: 53471
Ion Ratio Lower Upper
43 100
74 20.8 17.8 26.6



#20
Methylene Chloride
Concen: 6.506 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 84 Resp: 21039
Ion Ratio Lower Upper
84 100
49 120.7 107.5 161.3
51 30.8 30.2 45.2
86 52.3 49.3 73.9

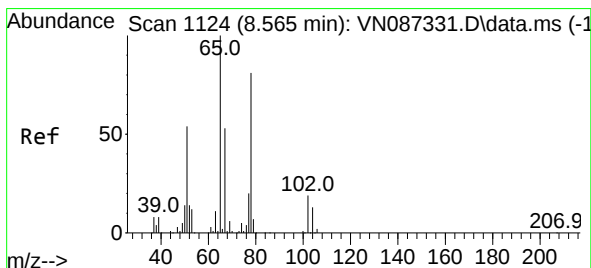
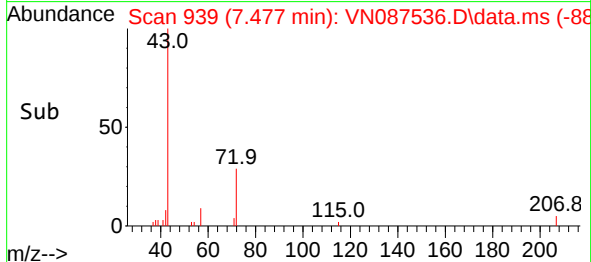
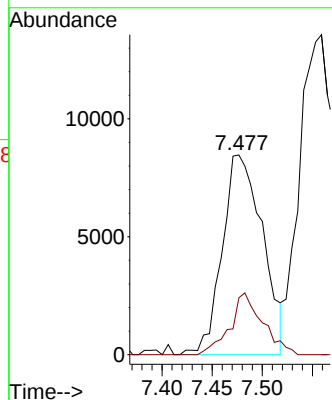
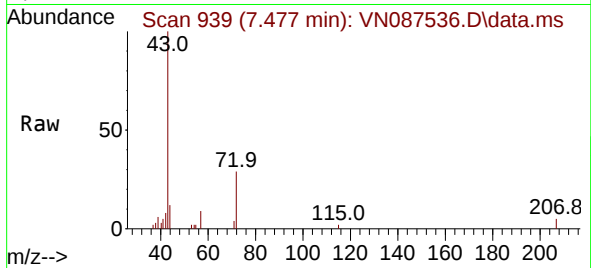




#25
2-Butanone
Concen: 8.708 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

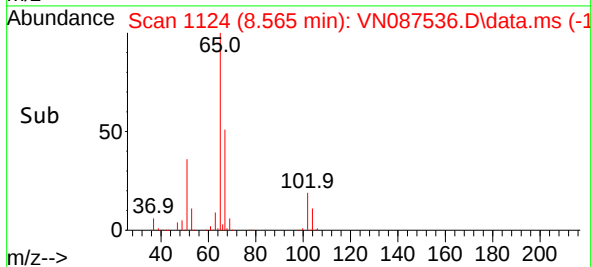
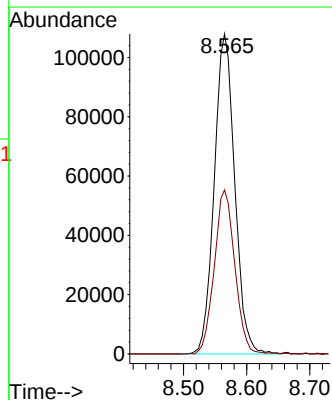
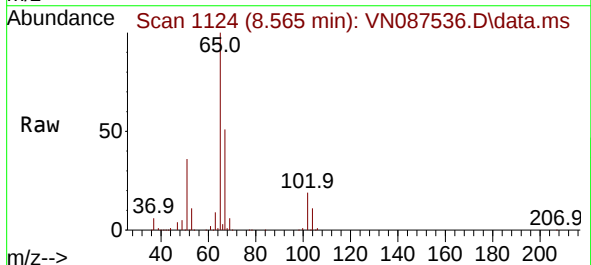
Instrument :
MSVOA_N
ClientSampleId :
TP-7RE

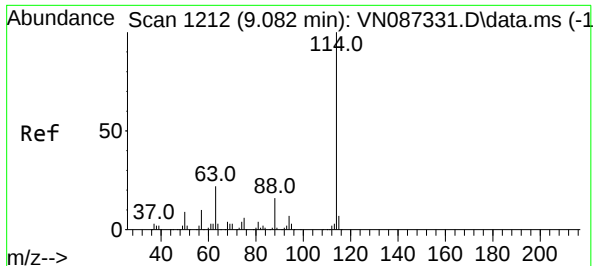
Tgt Ion: 43 Resp: 23709
Ion Ratio Lower Upper
43 100
72 28.5 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 64.758 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 65 Resp: 243377
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

TP-7RE

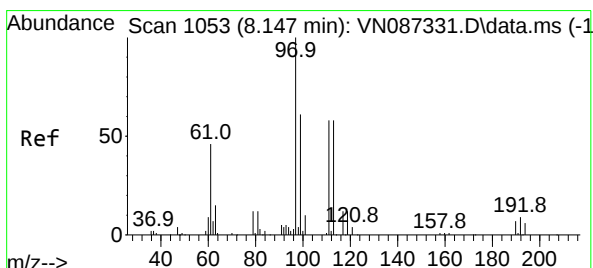
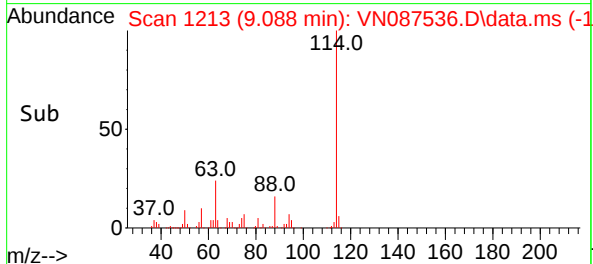
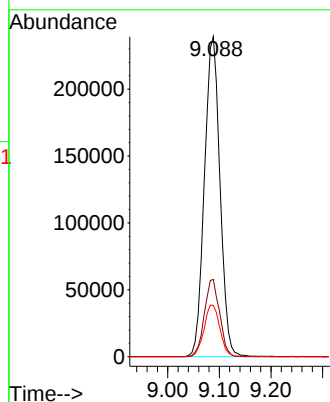
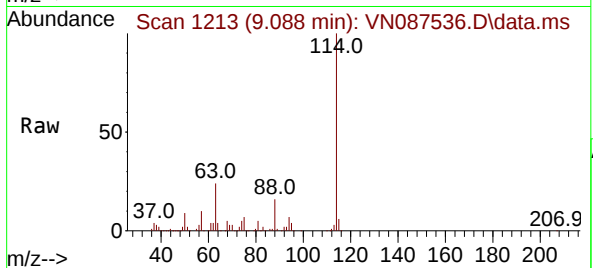
Tgt Ion:114 Resp: 499677

Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.6

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.693 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

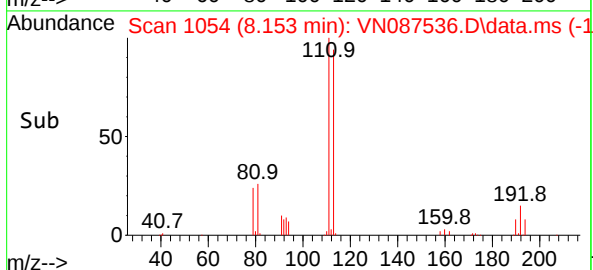
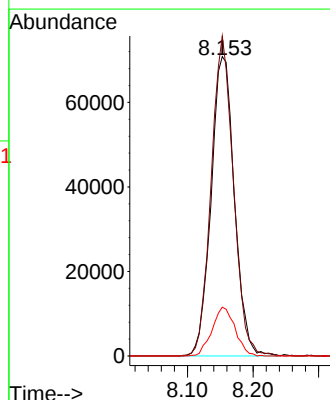
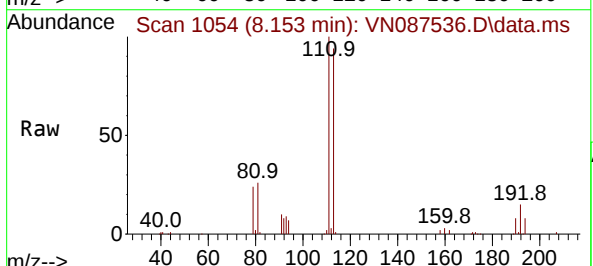
Tgt Ion:113 Resp: 174728

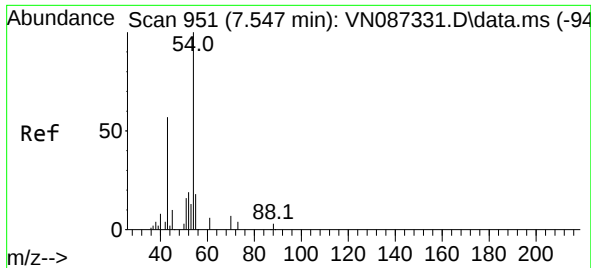
Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 16.1 13.7 20.5

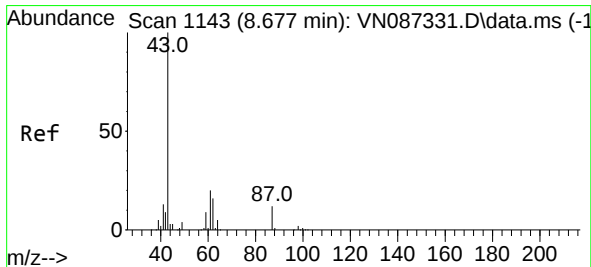
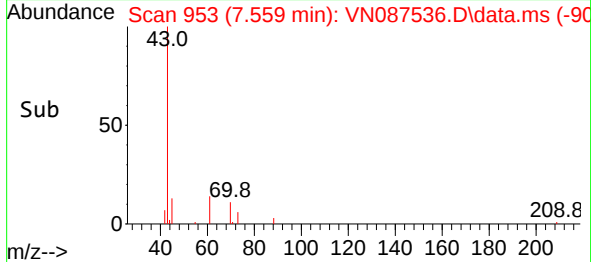
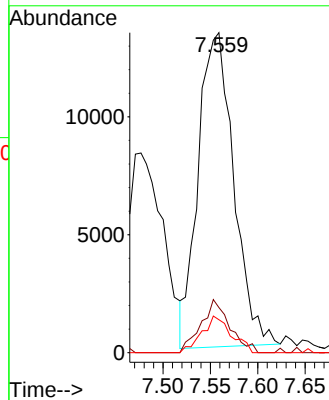
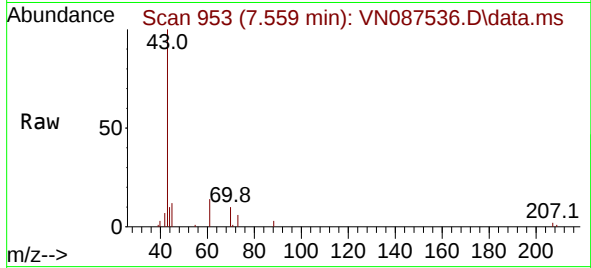




#37
Ethyl Acetate
Concen: 5.278 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

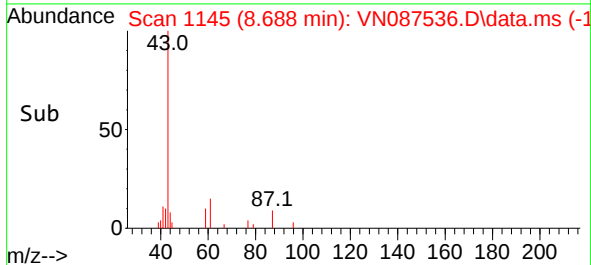
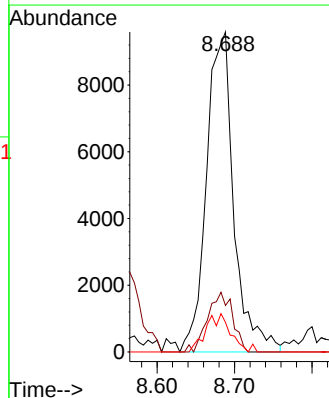
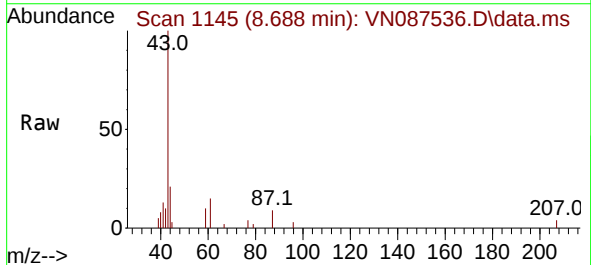
Instrument :
MSVOA_N
ClientSampleId :
TP-7RE

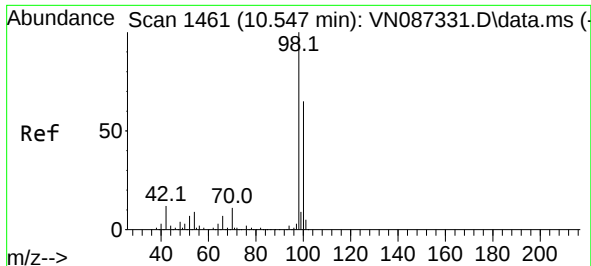
Tgt Ion: 43 Resp: 34715
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.6 7.4 11.0



#43
Isopropyl Acetate
Concen: 2.301 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.011 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 43 Resp: 23495
Ion Ratio Lower Upper
43 100
61 17.1 19.8 29.8#
87 10.6 9.8 14.6

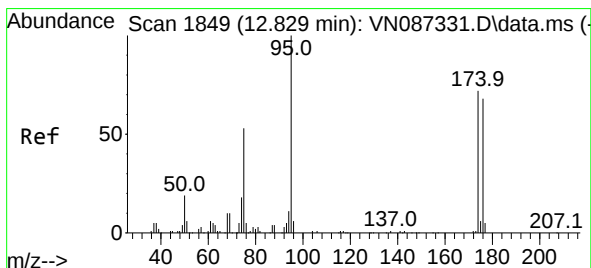
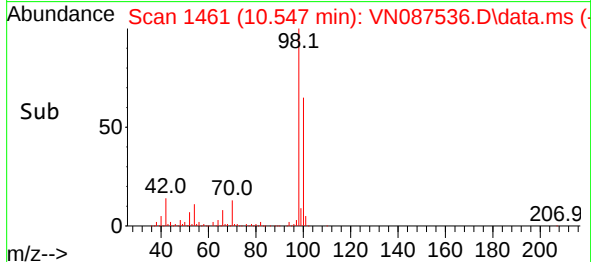
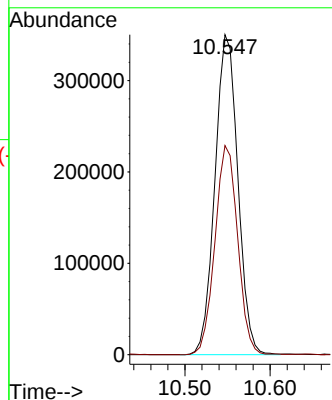
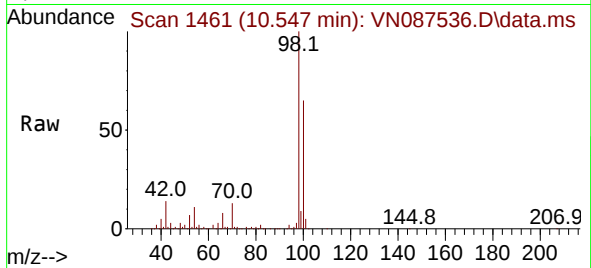




#50
Toluene-d8
Concen: 53.318 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

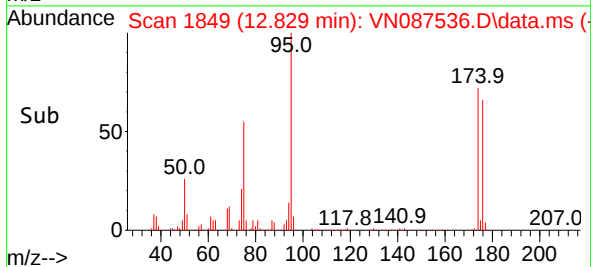
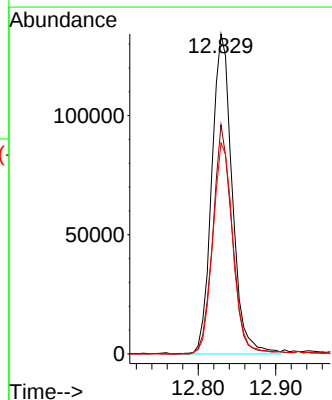
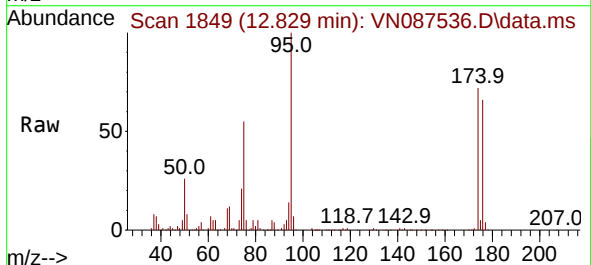
Instrument :
MSVOA_N
ClientSampleId :
TP-7RE

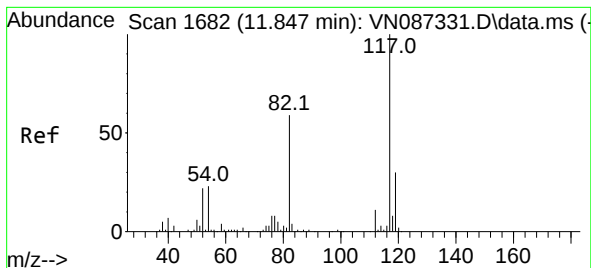
Tgt Ion: 98 Resp: 655545
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.088 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 95 Resp: 245693
Ion Ratio Lower Upper
95 100
174 67.8 0.0 149.4
176 65.6 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

TP-7RE

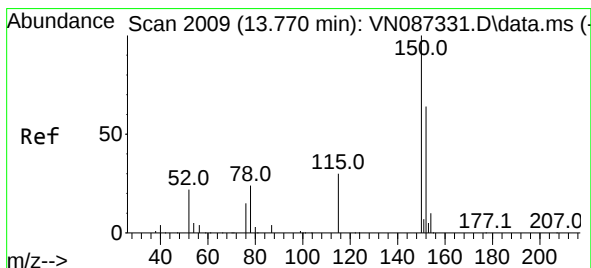
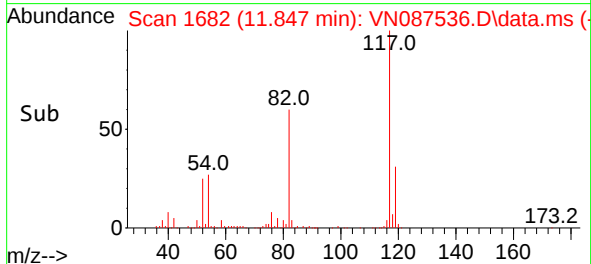
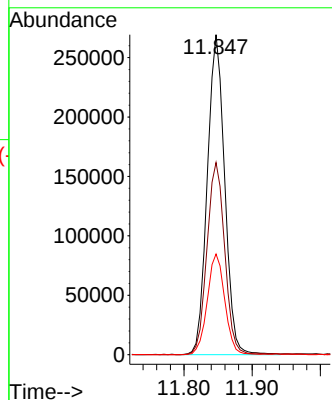
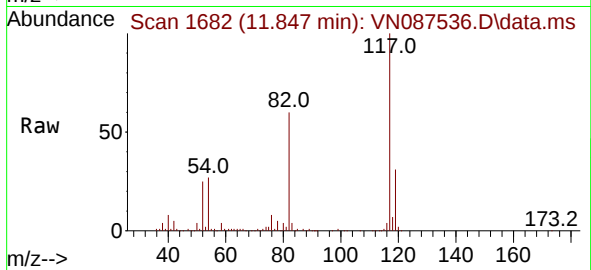
Tgt Ion:117 Resp: 478898

Ion Ratio Lower Upper

117 100

82 60.0 47.4 71.2

119 31.5 23.8 35.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Tgt Ion:152 Resp: 229716

Ion Ratio Lower Upper

152 100

115 63.5 31.1 93.5

150 157.2 0.0 349.0

