

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087131.D
 Acq On : 20 Jun 2025 12:23
 Operator : JC\MD
 Sample : Q2362-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

Quant Time: Jun 20 23:03:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

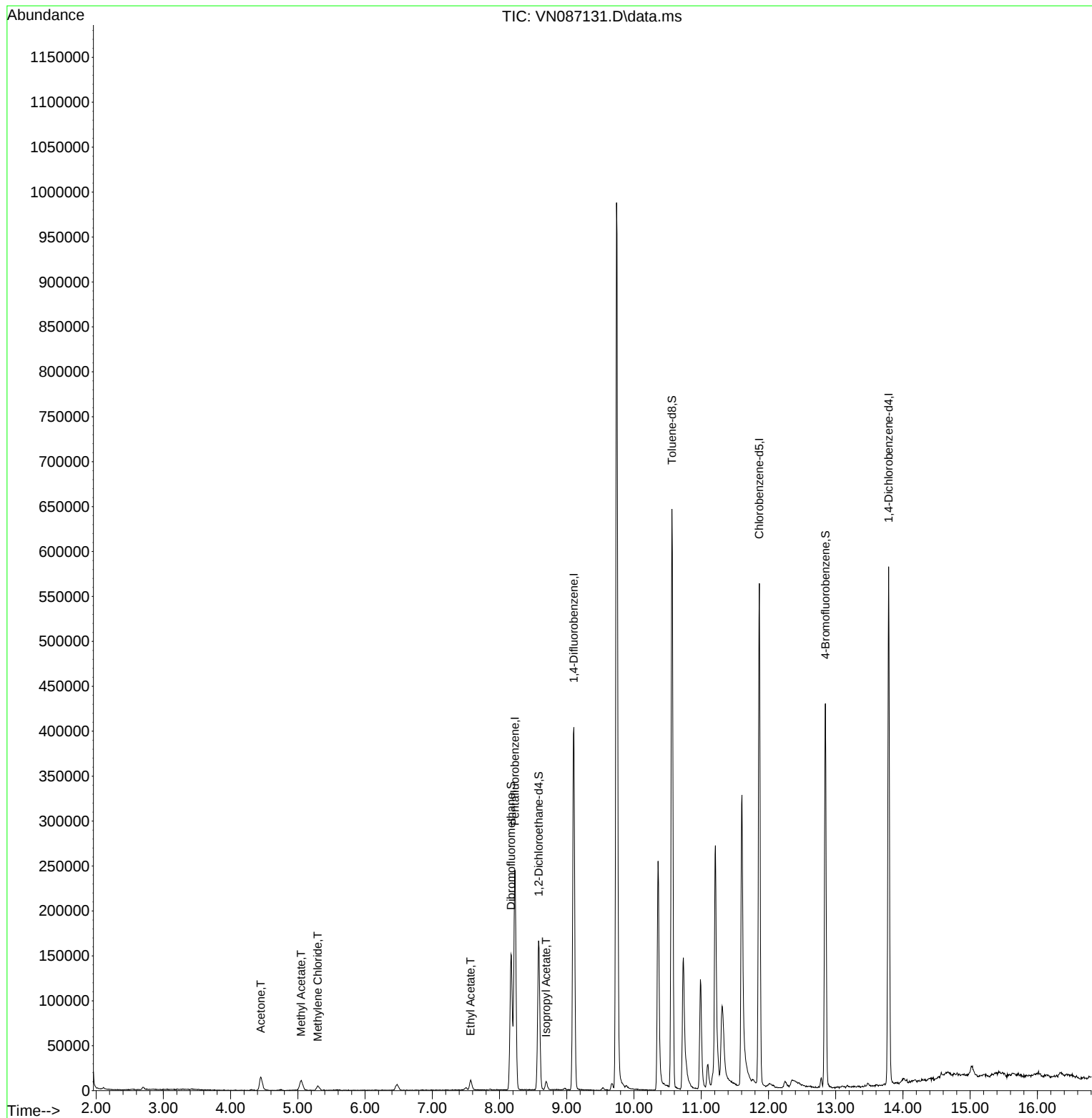
Internal Standards						
1) Pentafluorobenzene	8.229	168	194096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	387045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	350623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135628	52.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.380%	
35) Dibromofluoromethane	8.171	113	118536	51.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.360%	
50) Toluene-d8	10.565	98	477328	52.568	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.847	95	170867	50.649	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	30032	21.792	ug/l	95
18) Methyl Acetate	5.047	43	24911	6.203	ug/l	98
20) Methylene Chloride	5.294	84	4264	1.653	ug/l #	78
37) Ethyl Acetate	7.571	43	16740	3.847	ug/l #	95
43) Isopropyl Acetate	8.694	43	11127	1.593	ug/l	92

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

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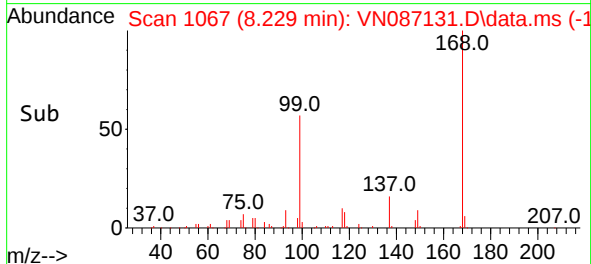
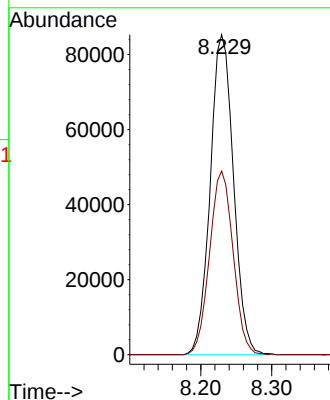
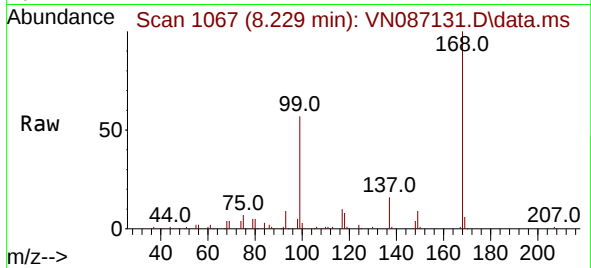




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

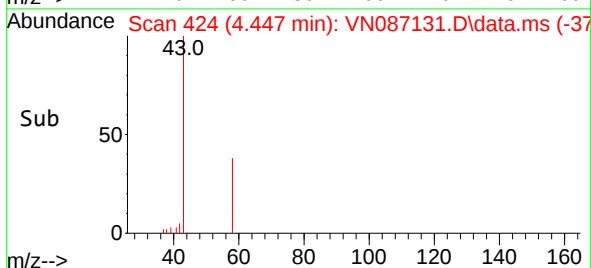
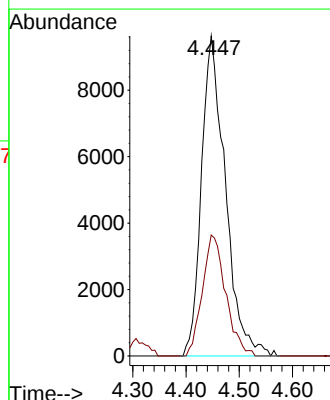
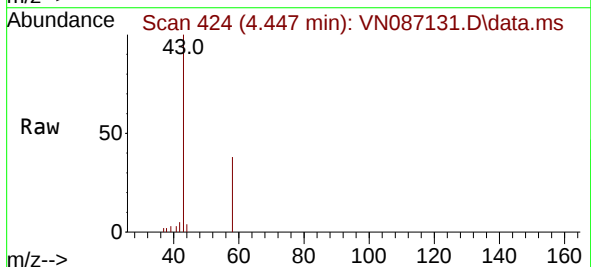
Instrument :
MSVOA_N
ClientSampleId :
TP-11

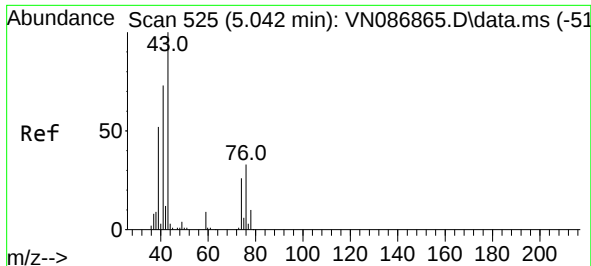
Tgt Ion:168 Resp: 194096
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7



#16
Acetone
Concen: 21.792 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

Tgt Ion: 43 Resp: 30032
Ion Ratio Lower Upper
43 100
58 37.8 28.0 42.0

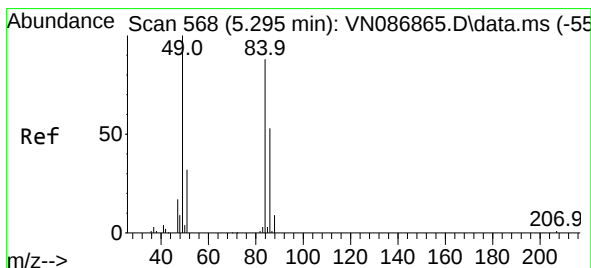
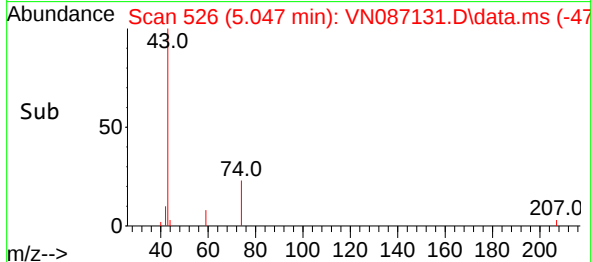
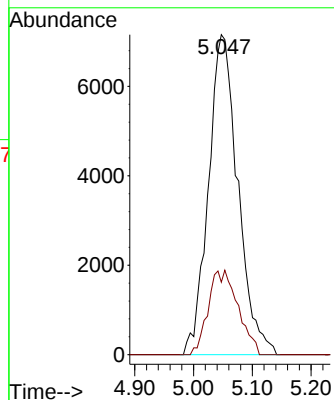
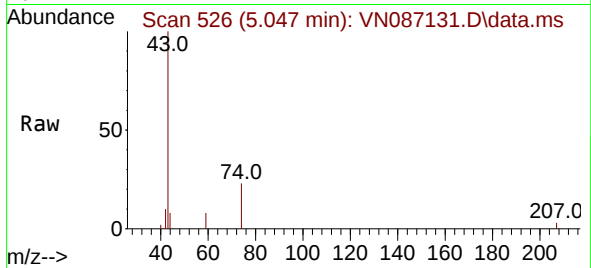




#18
Methyl Acetate
Concen: 6.203 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

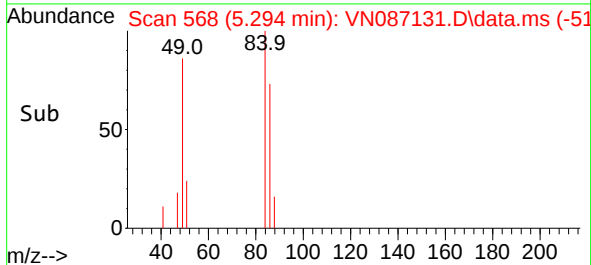
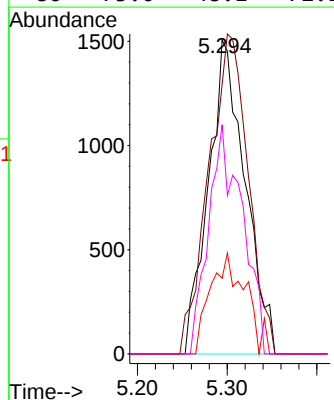
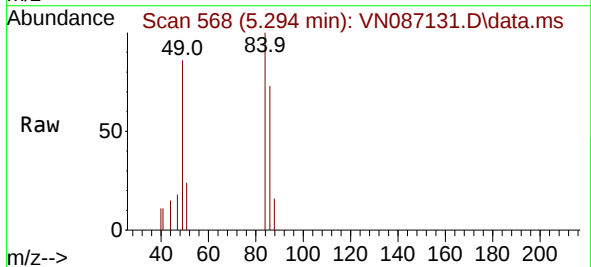
Instrument :
MSVOA_N
ClientSampleId :
TP-11

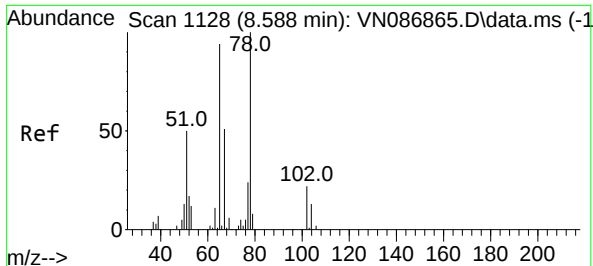
Tgt Ion: 43 Resp: 24911
Ion Ratio Lower Upper
43 100
74 26.7 20.7 31.1



#20
Methylene Chloride
Concen: 1.653 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

Tgt Ion: 84 Resp: 4264
Ion Ratio Lower Upper
84 100
49 85.9 90.5 135.7#
51 24.1 28.5 42.7#
86 73.0 48.1 72.1#





#33

1,2-Dichloroethane-d4

Concen: 52.190 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087131.D

Acq: 20 Jun 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

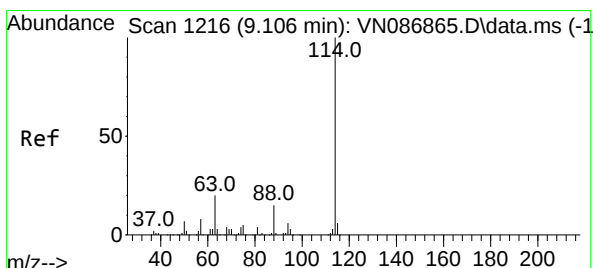
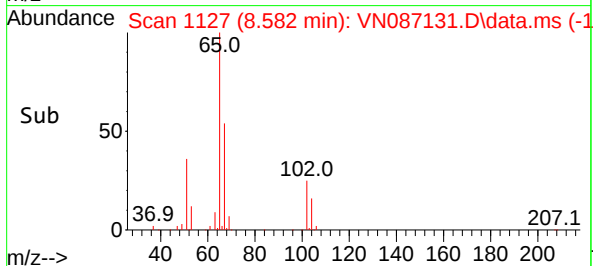
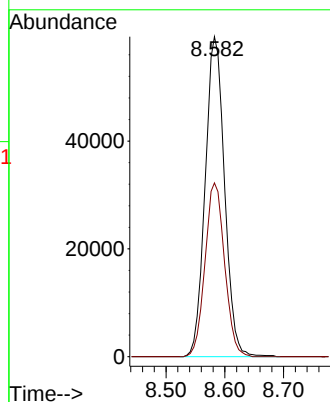
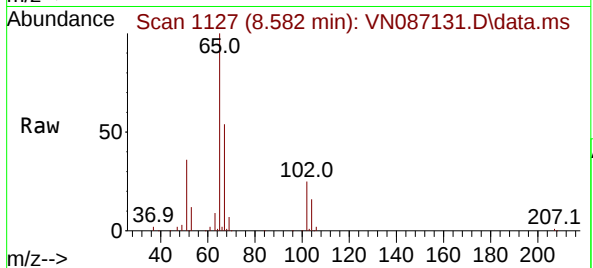
TP-11

Tgt Ion: 65 Resp: 135628

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087131.D

Acq: 20 Jun 2025 12:23

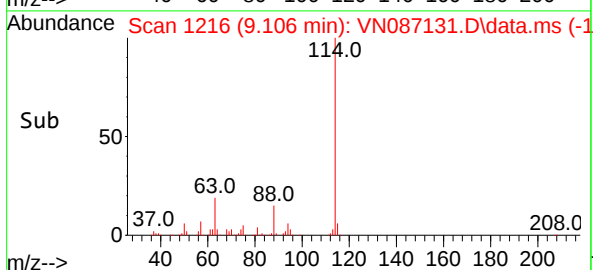
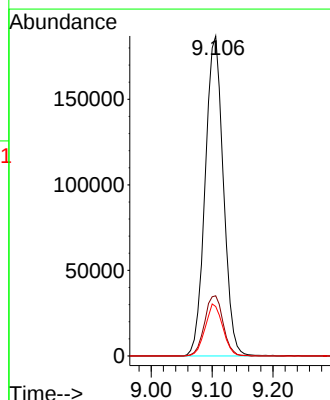
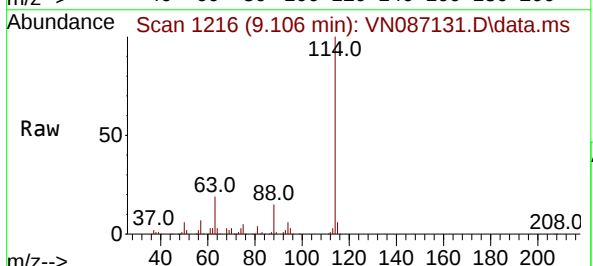
Tgt Ion: 114 Resp: 387045

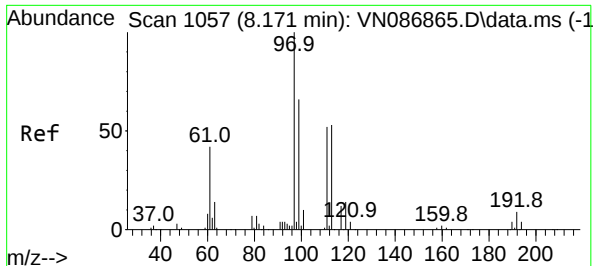
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.5 0.0 30.2

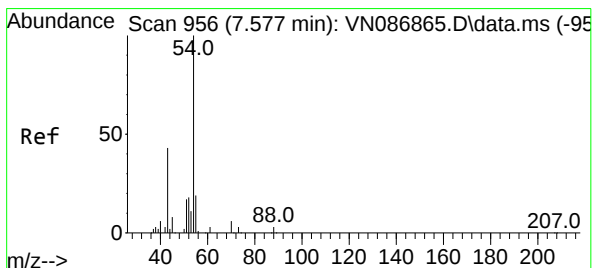
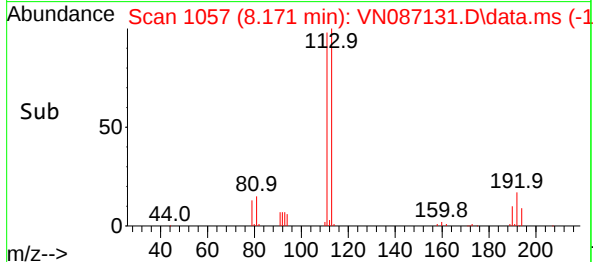
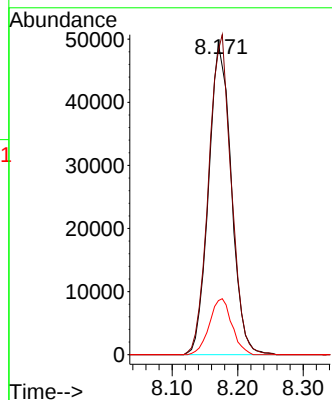
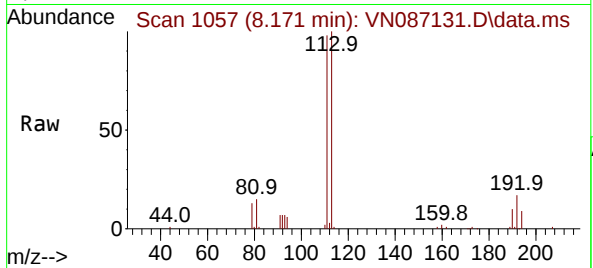




#35
Dibromofluoromethane
Concen: 51.679 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

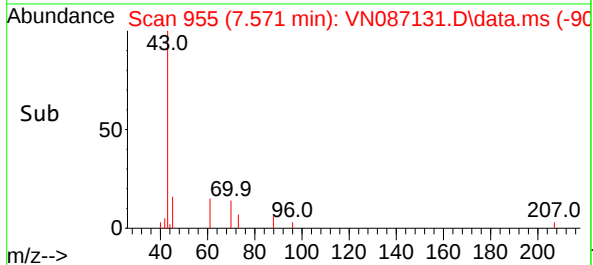
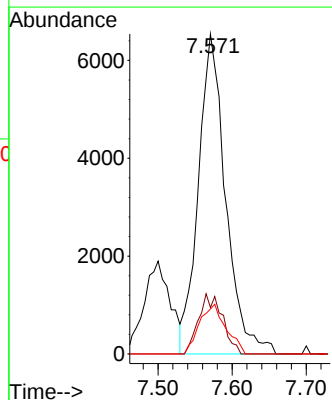
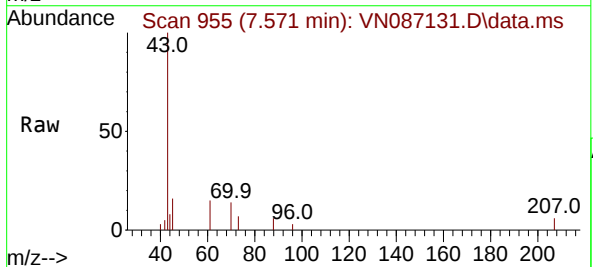
Instrument :
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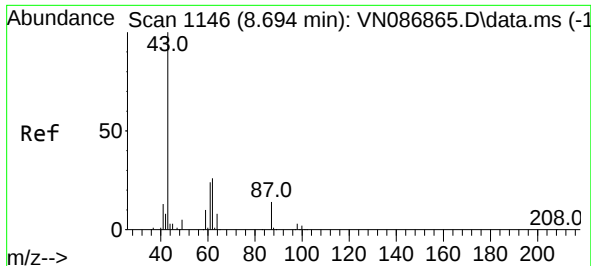
Tgt Ion:113 Resp: 118536
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 17.8 14.2 21.4



#37
Ethyl Acetate
Concen: 3.847 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.006 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

Tgt Ion: 43 Resp: 16740
Ion Ratio Lower Upper
43 100
61 16.4 12.1 18.1
70 15.1 9.8 14.6#

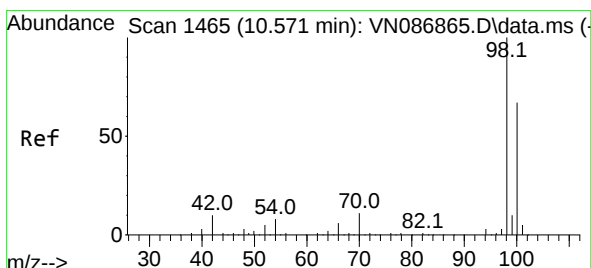
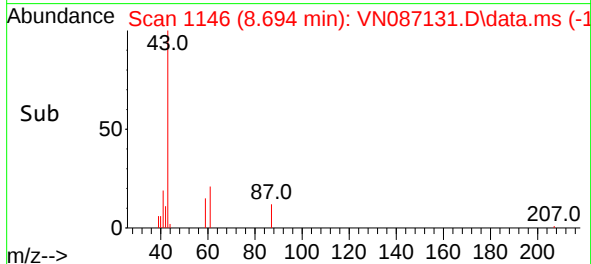
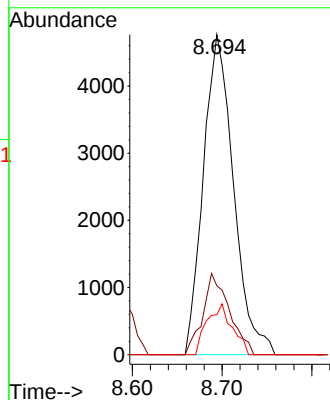
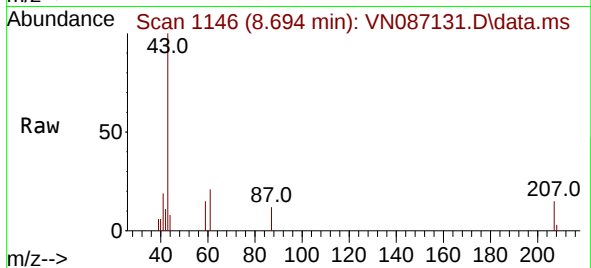




#43
Isopropyl Acetate
Concen: 1.593 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

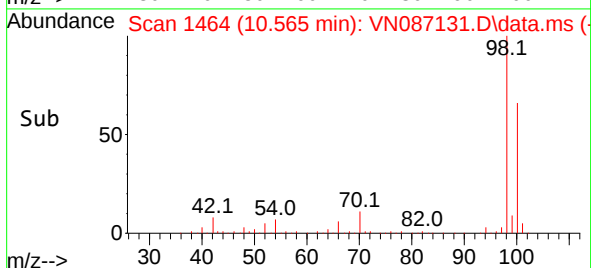
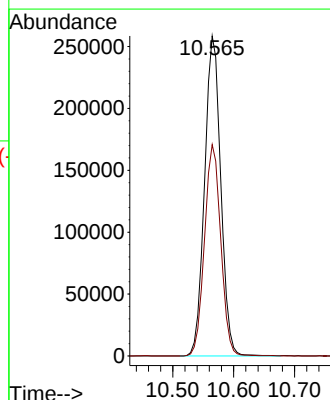
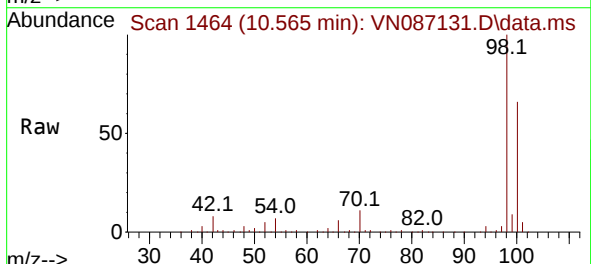
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MSVOA_N
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TP-11

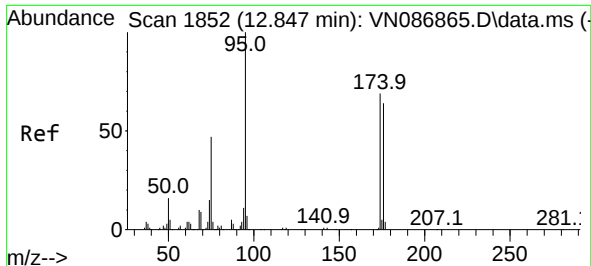
Tgt Ion: 43	Resp: 11127
Ion Ratio	Lower Upper
43 100	
61 22.3	22.1 33.1
87 13.2	11.8 17.6



#50
Toluene-d8
Concen: 52.568 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

Tgt Ion: 98	Resp: 477328
Ion Ratio	Lower Upper
98 100	
100 66.2	53.4 80.0

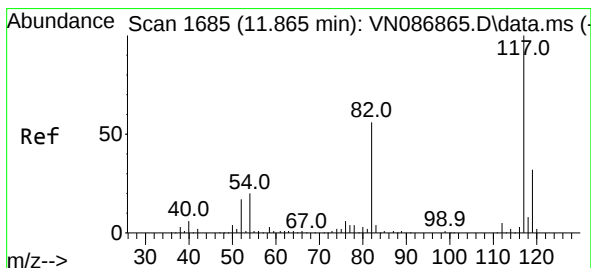
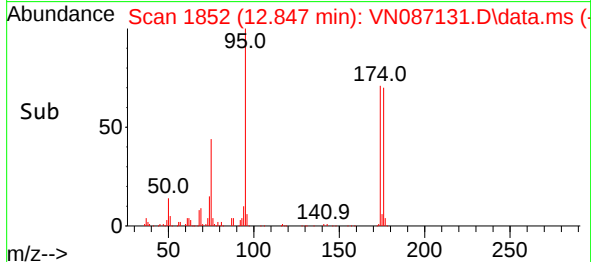
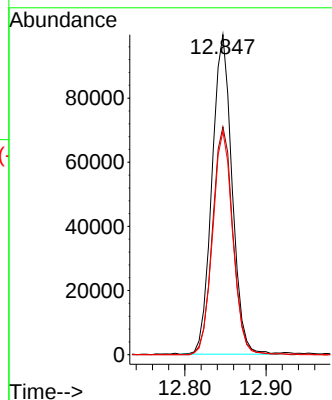
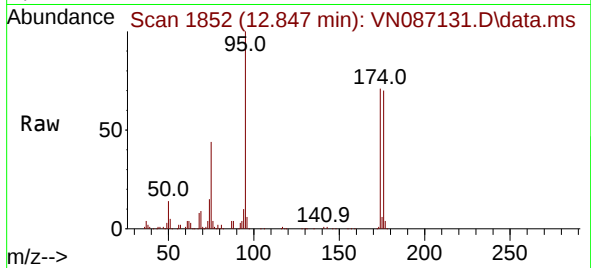




#62
4-Bromofluorobenzene
Concen: 50.649 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

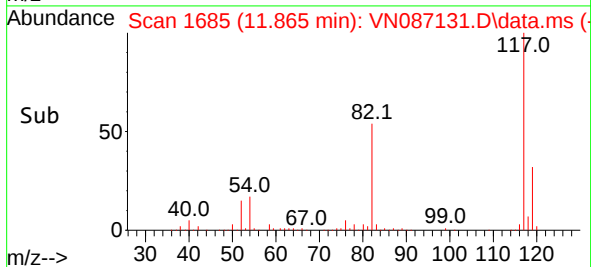
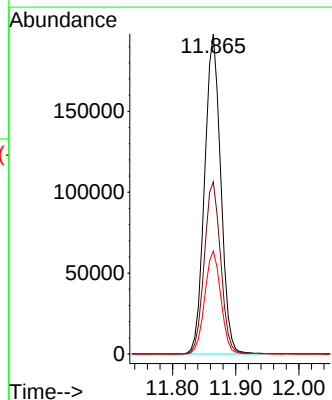
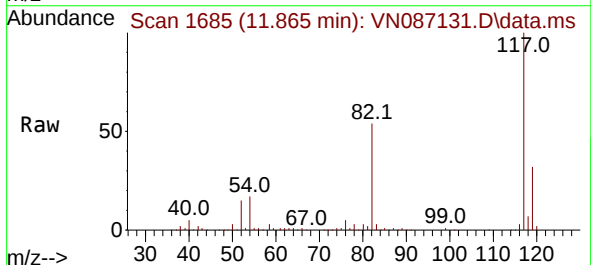
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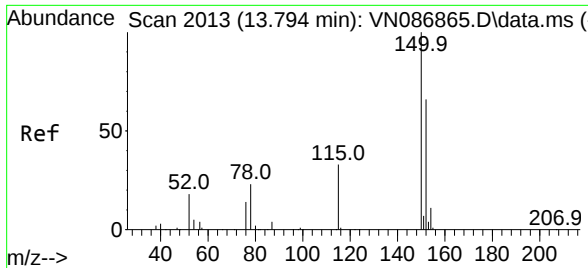
Tgt Ion: 95 Resp: 170867
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.8
176 70.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087131.D
Acq: 20 Jun 2025 12:23

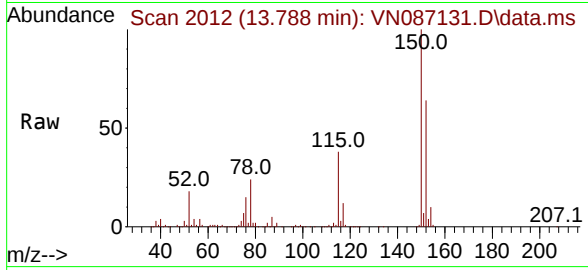
Tgt Ion: 117 Resp: 350623
Ion Ratio Lower Upper
117 100
82 53.8 44.6 67.0
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087131.D
 Acq: 20 Jun 2025 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:	152	Resp:	167507
Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.1	90.5
150	158.3	0.0	345.0

