

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087231.D
 Acq On : 27 Jun 2025 18:25
 Operator : JC\MD
 Sample : Q2414-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Jun 27 23:49:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

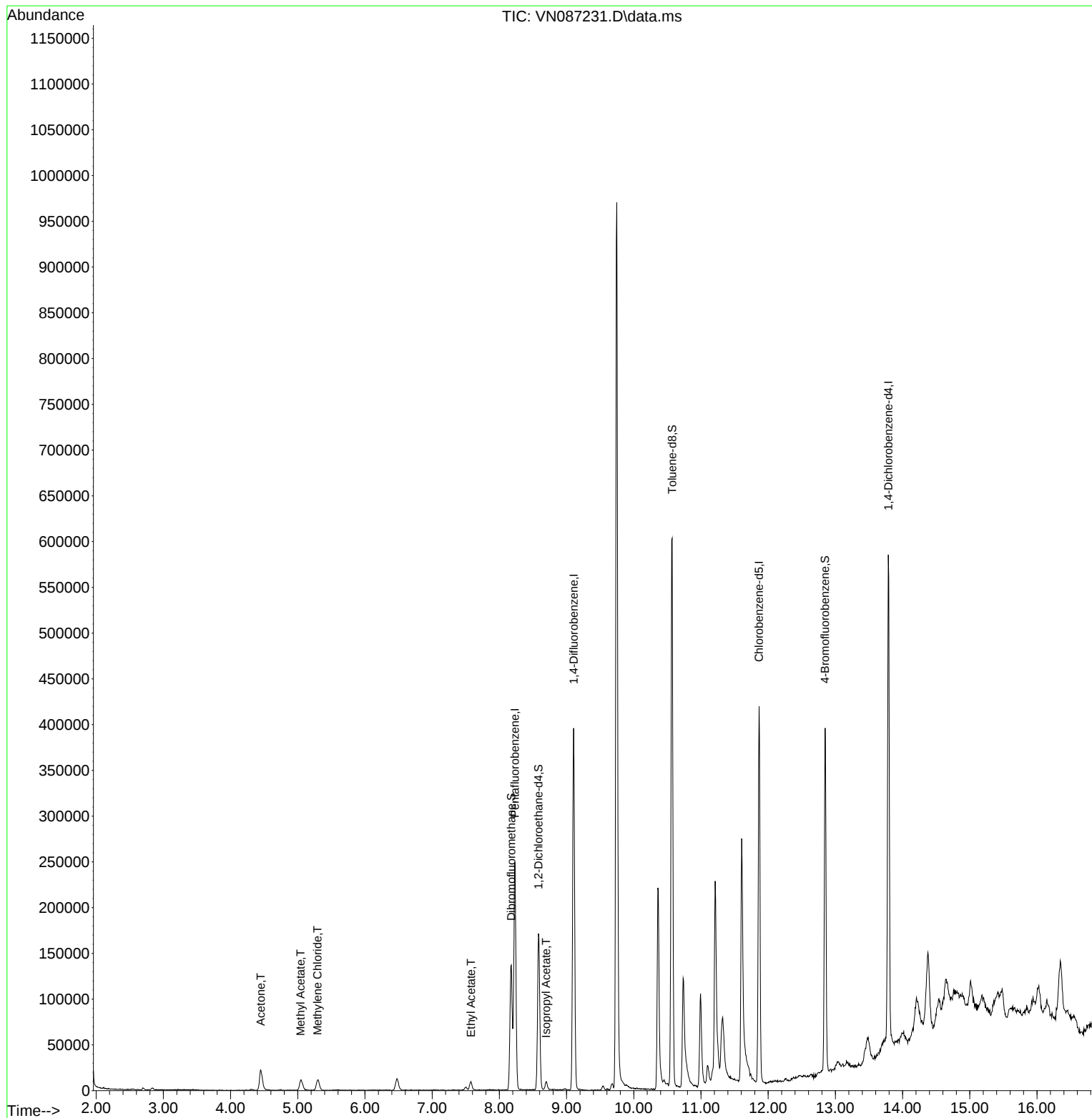
Internal Standards						
1) Pentafluorobenzene	8.229	168	186806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143304	53.306	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.620%
35) Dibromofluoromethane	8.177	113	106715	47.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.820%
50) Toluene-d8	10.570	98	436488	46.888	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.847	95	144331	44.682	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.360%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	44924	22.383	ug/l	99
18) Methyl Acetate	5.041	43	25808	7.100	ug/l	96
20) Methylene Chloride	5.294	84	10324	2.569	ug/l	94
37) Ethyl Acetate	7.577	43	15289	1.367	ug/l	98
43) Isopropyl Acetate	8.694	43	10771	1.777	ug/l #	91

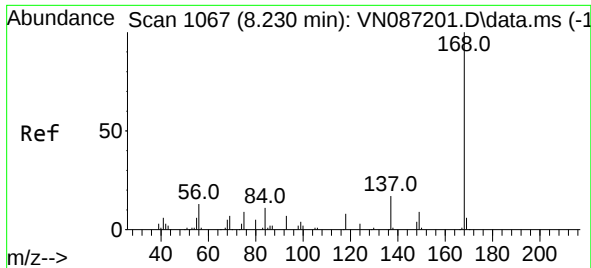
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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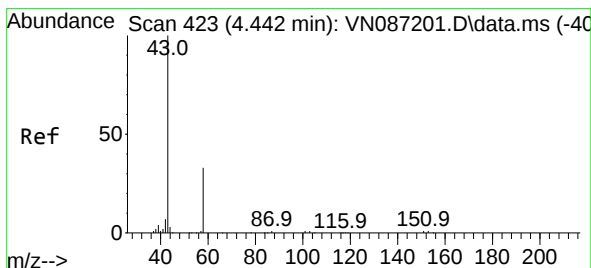
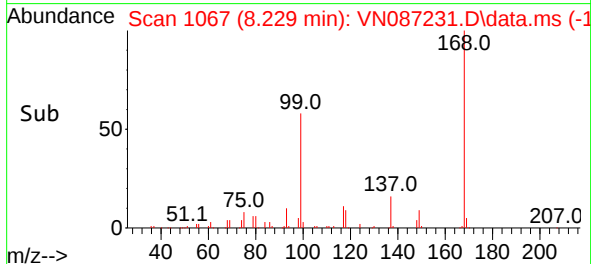
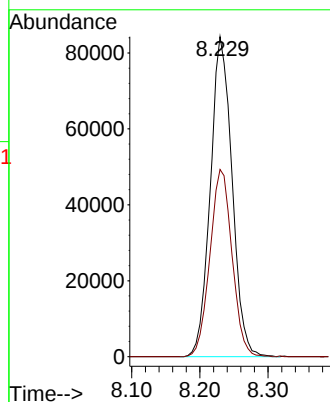
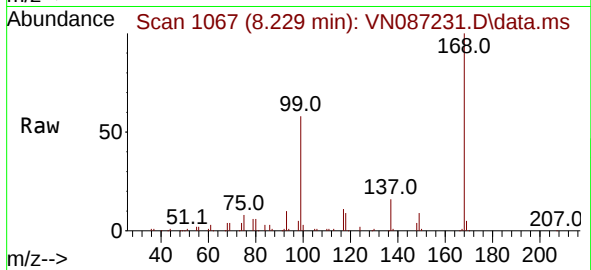




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

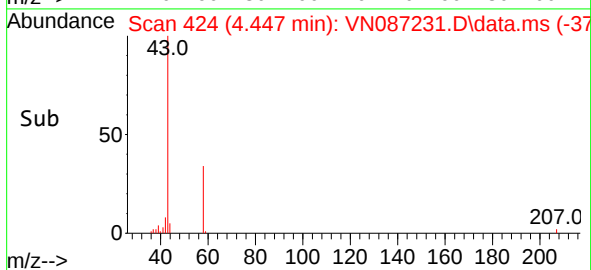
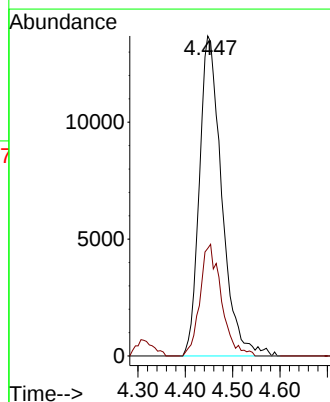
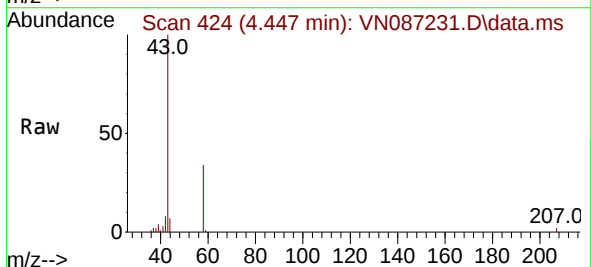
Instrument :
MSVOA_N
ClientSampleId :
WC-1

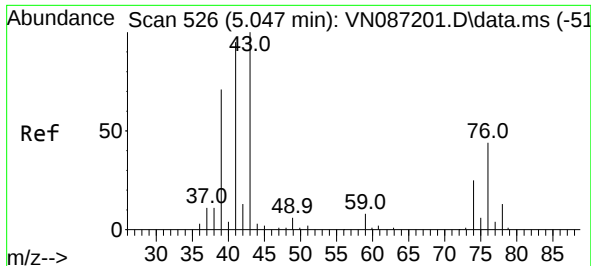
Tgt Ion:168 Resp: 186806
Ion Ratio Lower Upper
168 100
99 58.5 47.9 71.9



#16
Acetone
Concen: 22.383 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

Tgt Ion: 43 Resp: 44924
Ion Ratio Lower Upper
43 100
58 33.6 26.5 39.7

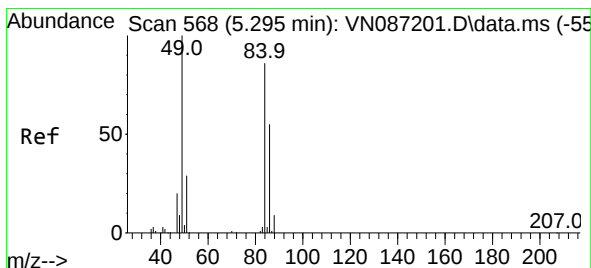
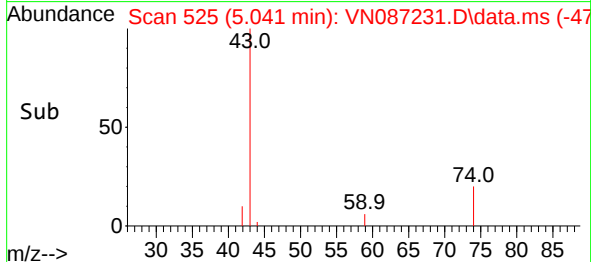
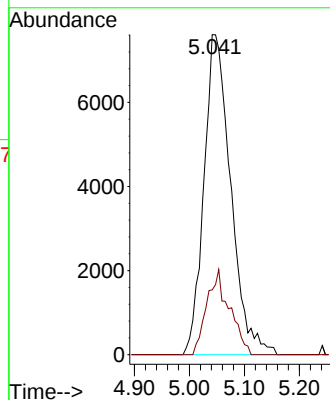
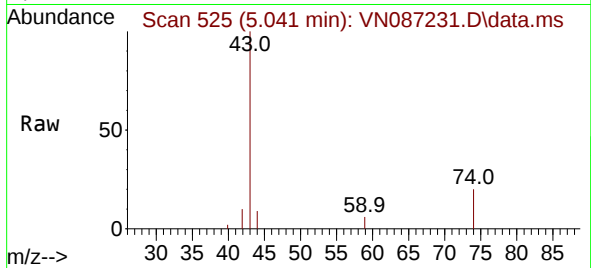




#18
Methyl Acetate
Concen: 7.100 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

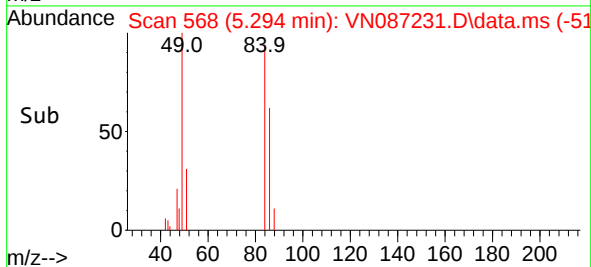
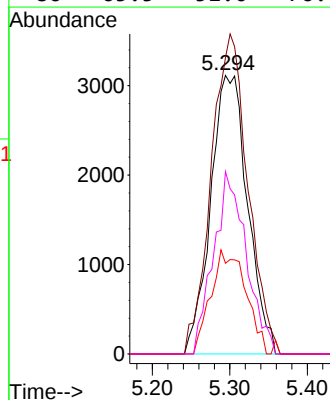
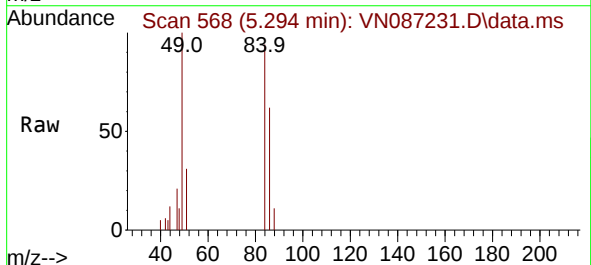
Instrument :
MSVOA_N
ClientSampleId :
WC-1

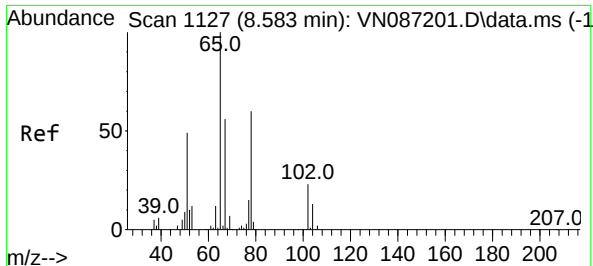
Tgt Ion: 43 Resp: 25808
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2



#20
Methylene Chloride
Concen: 2.569 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.001 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

Tgt Ion: 84 Resp: 10324
Ion Ratio Lower Upper
84 100
49 106.4 93.0 139.6
51 32.6 27.2 40.8
86 65.5 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 53.306 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087231.D

Acq: 27 Jun 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

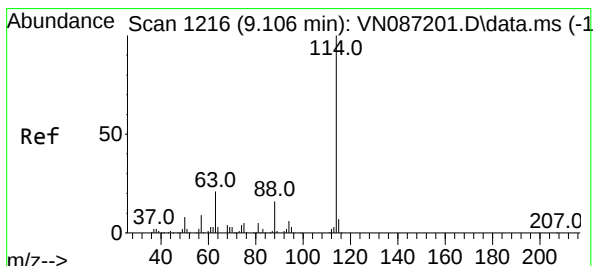
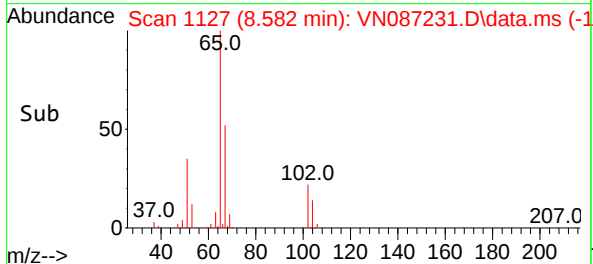
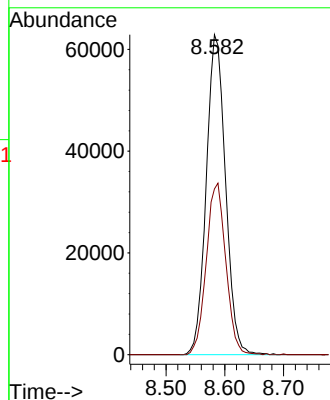
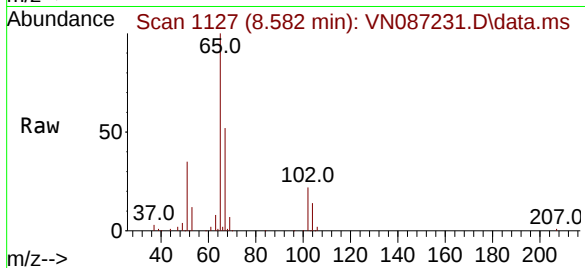
WC-1

Tgt Ion: 65 Resp: 143304

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087231.D

Acq: 27 Jun 2025 18:25

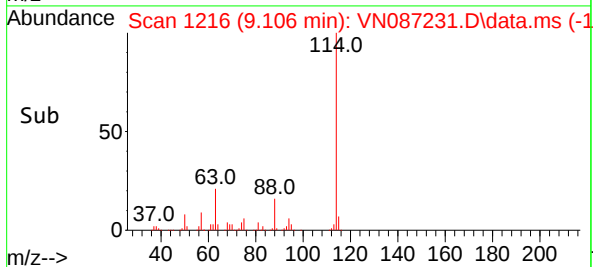
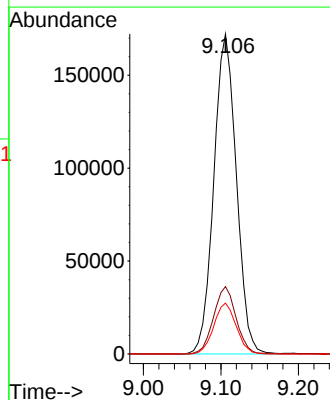
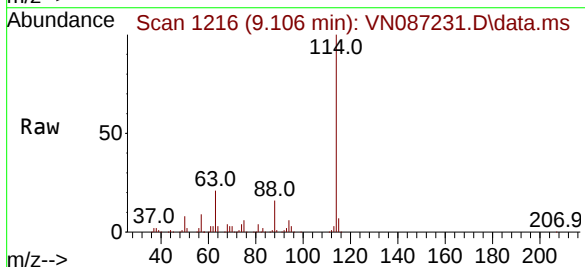
Tgt Ion: 114 Resp: 348147

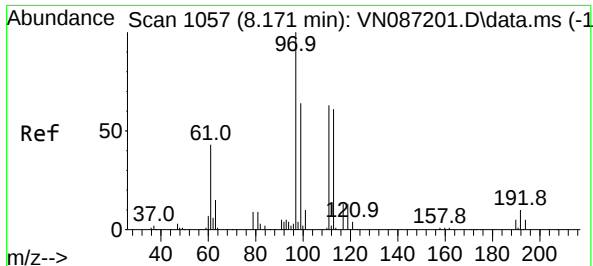
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

88 15.9 0.0 32.0

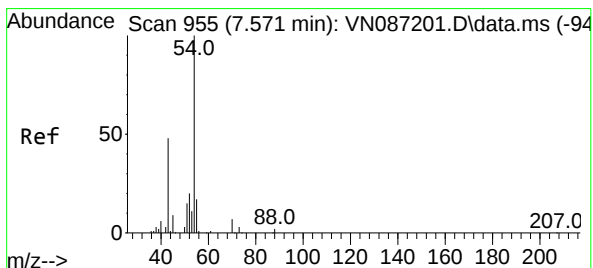
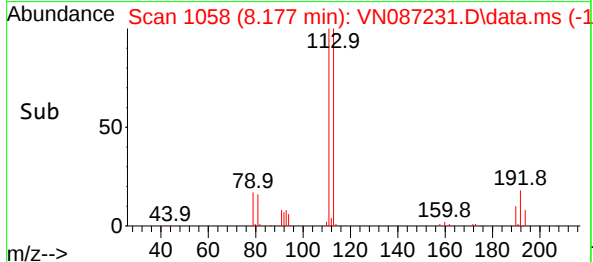
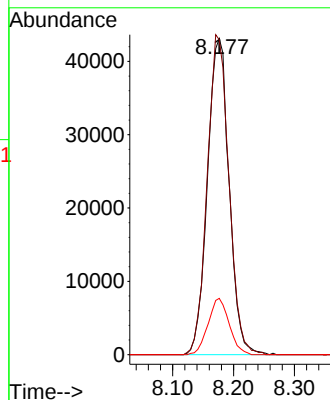
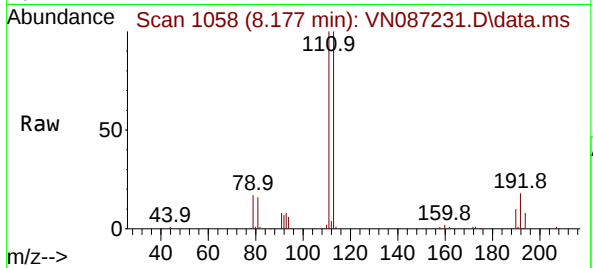




#35
Dibromofluoromethane
Concen: 47.412 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

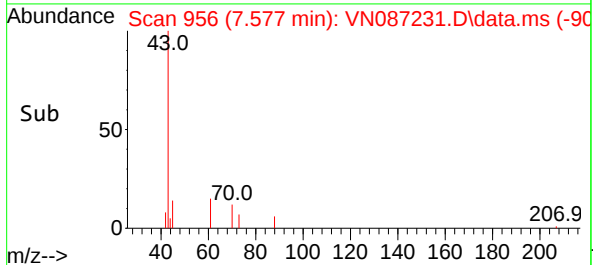
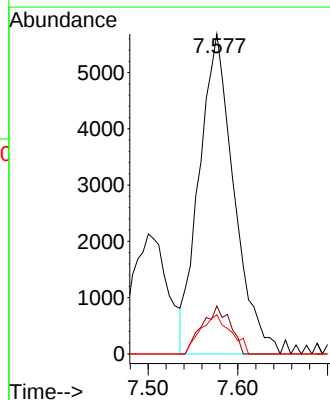
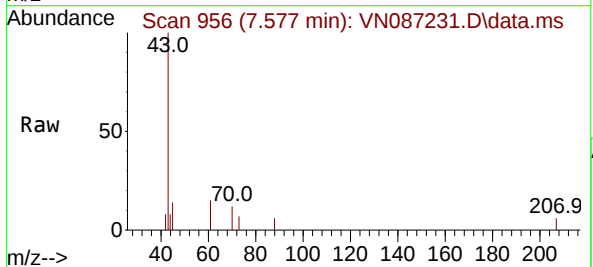
Instrument :
MSVOA_N
ClientSampleId :
WC-1

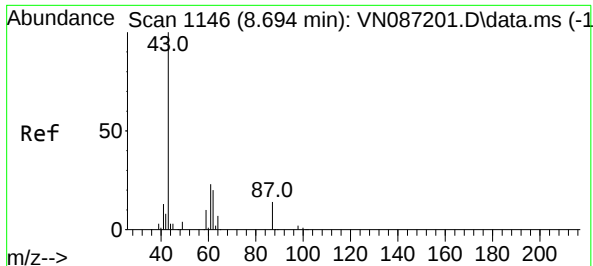
Tgt Ion:113 Resp: 106715
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 17.3 13.5 20.3



#37
Ethyl Acetate
Concen: 1.367 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

Tgt Ion: 43 Resp: 15289
Ion Ratio Lower Upper
43 100
61 12.1 10.8 16.2
70 10.7 8.9 13.3





#43

Isopropyl Acetate

Concen: 1.777 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN087231.D

Acq: 27 Jun 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

WC-1

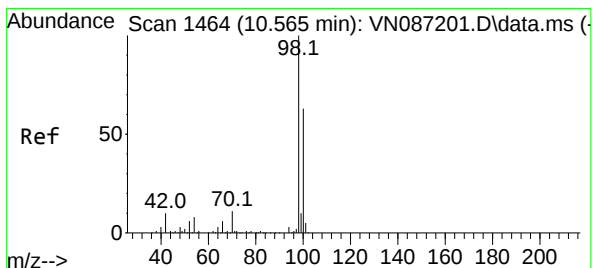
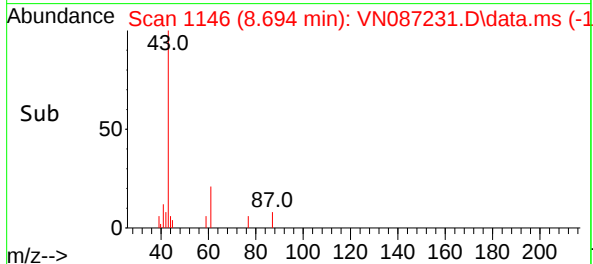
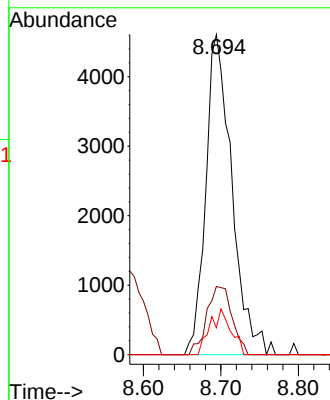
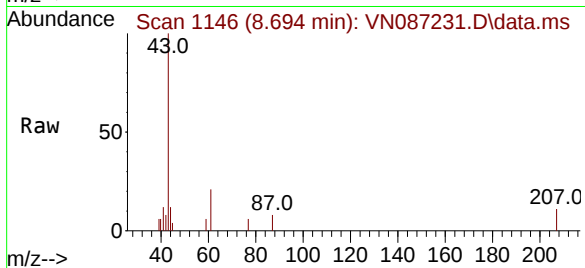
Tgt Ion: 43 Resp: 10771

Ion Ratio Lower Upper

43 100

61 20.7 21.0 31.6#

87 11.4 11.0 16.6



#50

Toluene-d8

Concen: 46.888 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN087231.D

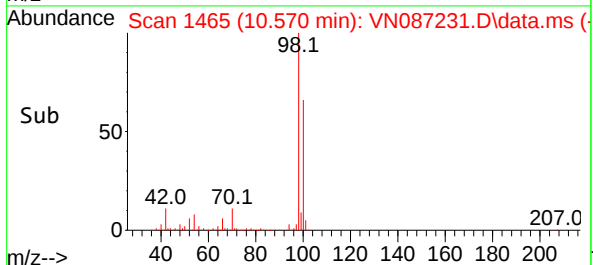
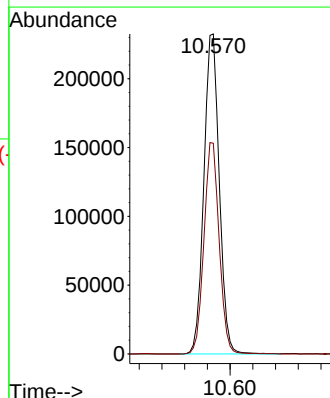
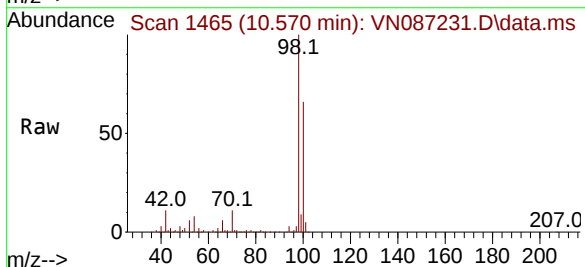
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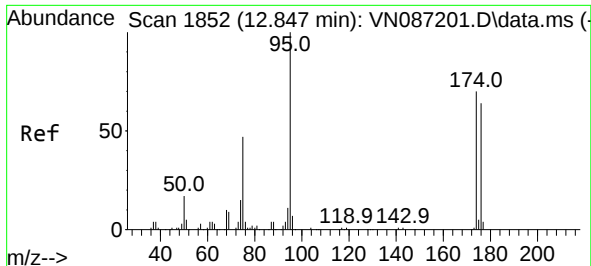
Tgt Ion: 98 Resp: 436488

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

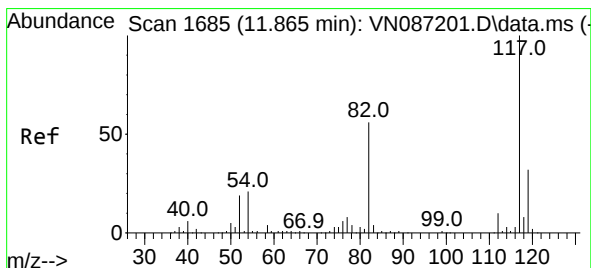
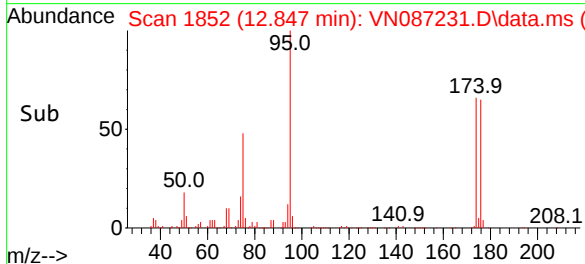
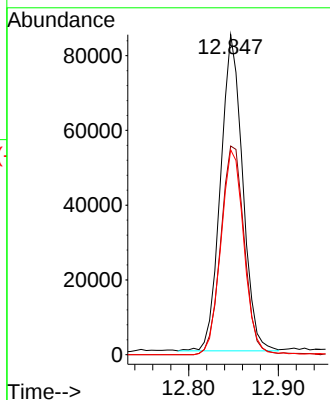
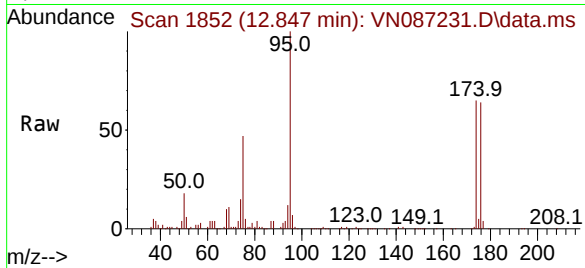




#62
4-Bromofluorobenzene
Concen: 44.682 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

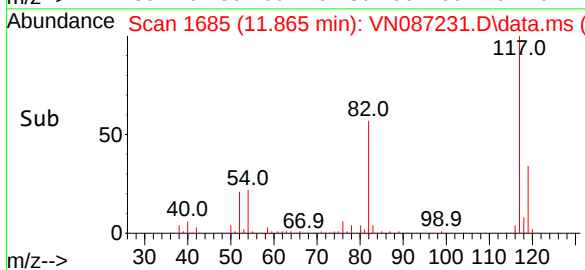
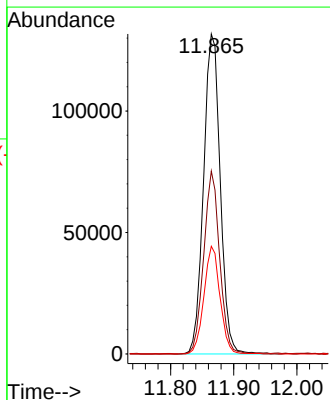
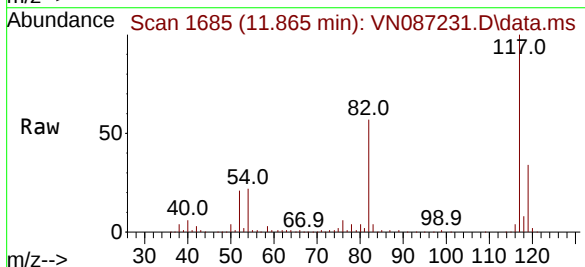
Instrument :
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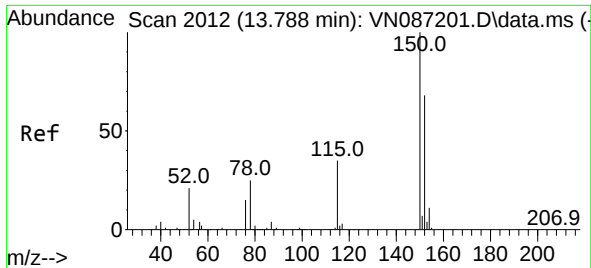
Tgt Ion: 95 Resp: 144331
Ion Ratio Lower Upper
95 100
174 70.7 0.0 142.2
176 67.9 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087231.D
Acq: 27 Jun 2025 18:25

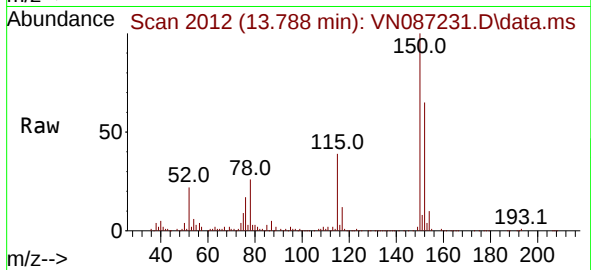
Tgt Ion: 117 Resp: 241287
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 33.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087231.D
 Acq: 27 Jun 2025 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 157911

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.6	91.8
150	155.6	0.0	347.8

