

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087082.D
 Acq On : 18 Jun 2025 13:56
 Operator : JC\MD
 Sample : Q2340-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP05-MH17A-WC

Quant Time: Jun 19 01:27:59 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)

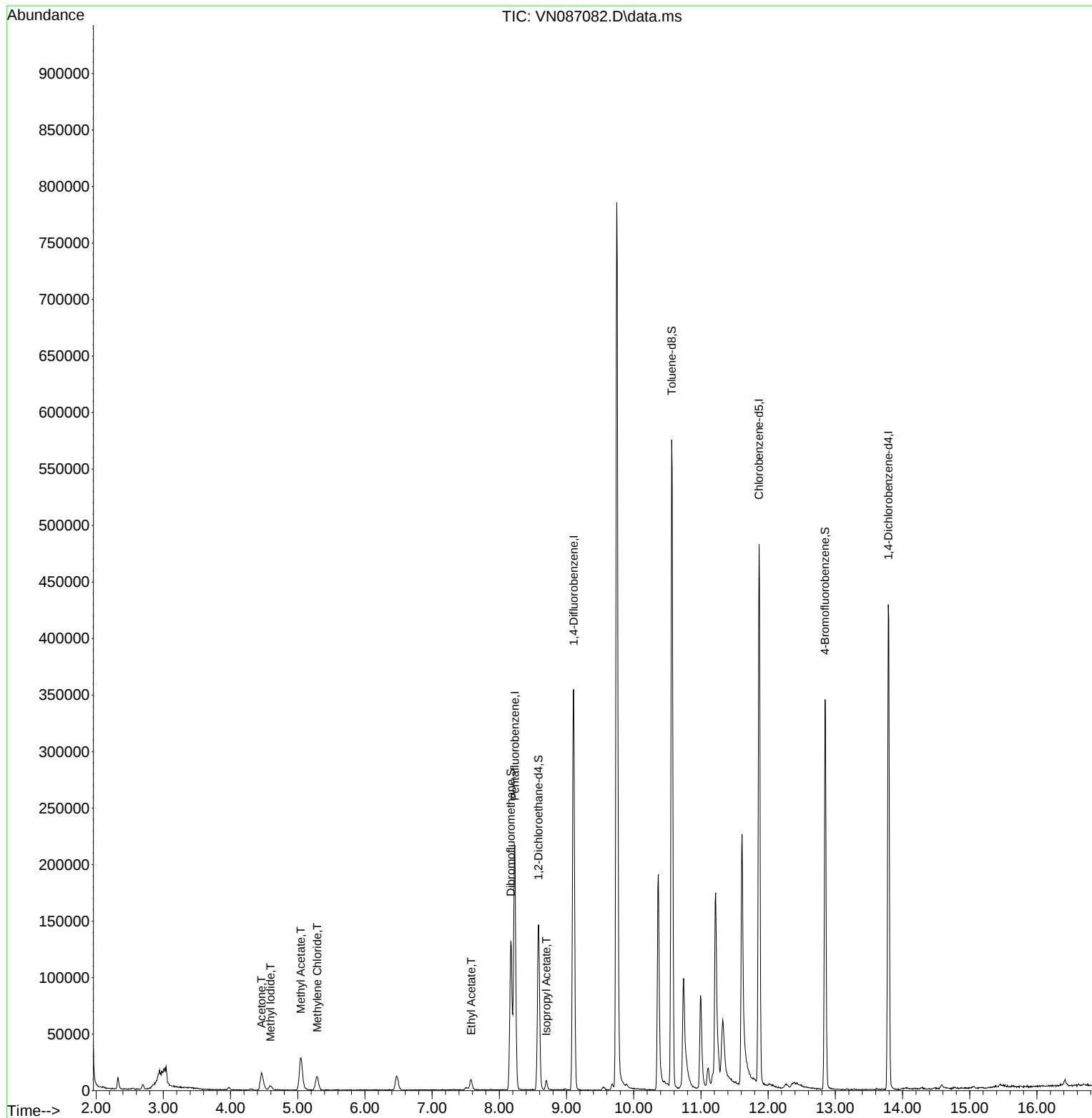
Internal Standards						
1) Pentafluorobenzene	8.230	168	172450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122081	52.874	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.740%		
35) Dibromofluoromethane	8.171	113	102206	50.630	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.260%		
50) Toluene-d8	10.565	98	420645	52.637	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.280%		
62) 4-Bromofluorobenzene	12.847	95	136566	45.996	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.000%		
Target Compounds						
						Qvalue
10) Methyl Iodide	4.595	142	8042	3.300	ug/l	90
16) Acetone	4.459	43	33277	27.177	ug/l	97
18) Methyl Acetate	5.048	43	63953	17.923	ug/l	99
20) Methylene Chloride	5.289	84	11306	4.932	ug/l #	85
37) Ethyl Acetate	7.583	43	15016	3.921	ug/l	97
43) Isopropyl Acetate	8.700	43	9023	1.468	ug/l #	88

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

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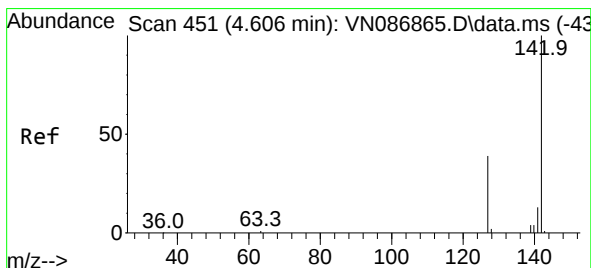
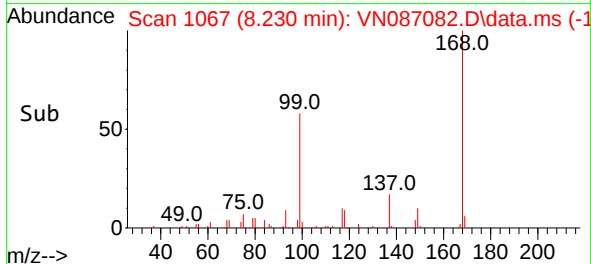
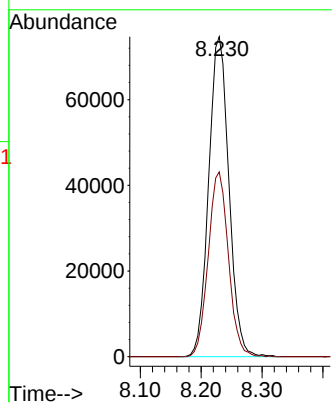
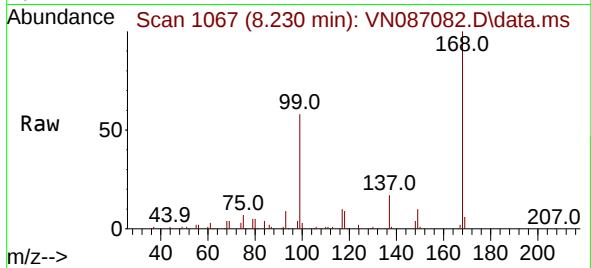




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

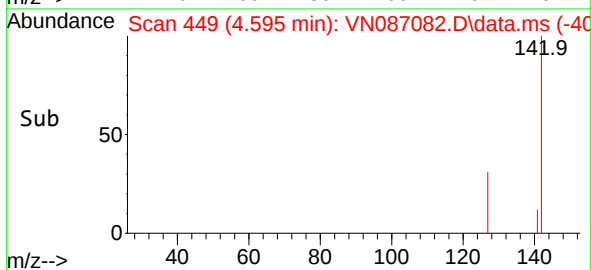
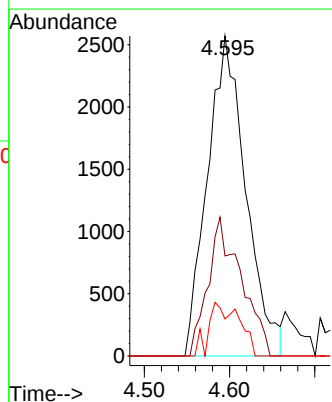
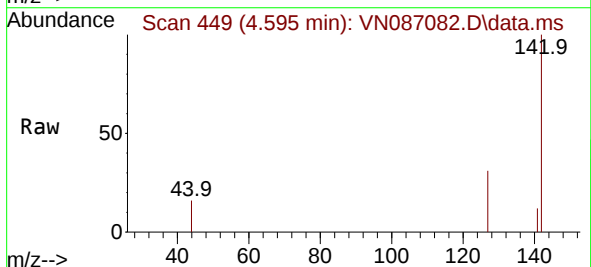
Instrument :
MSVOA_N
ClientSampleId :
TP05-MH17A-WC

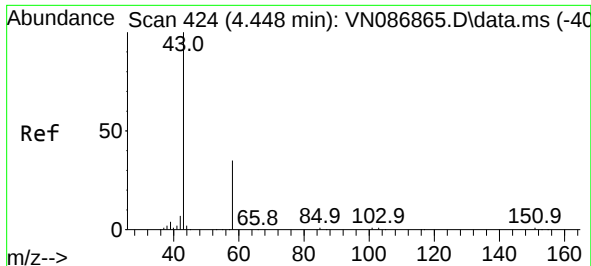
Tgt Ion:168 Resp: 172450
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7



#10
Methyl Iodide
Concen: 3.300 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Tgt Ion:142 Resp: 8042
Ion Ratio Lower Upper
142 100
127 31.3 30.9 46.3
141 11.6 10.4 15.6

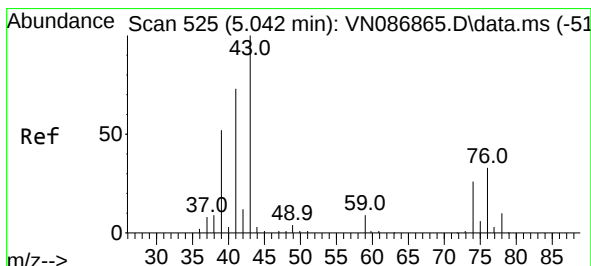
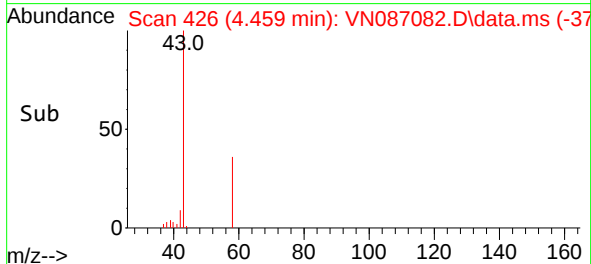
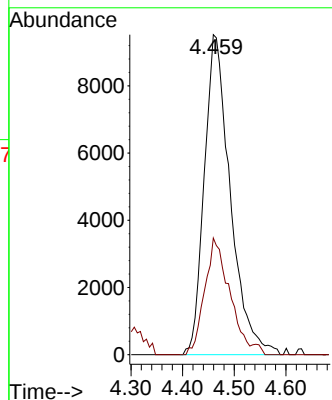
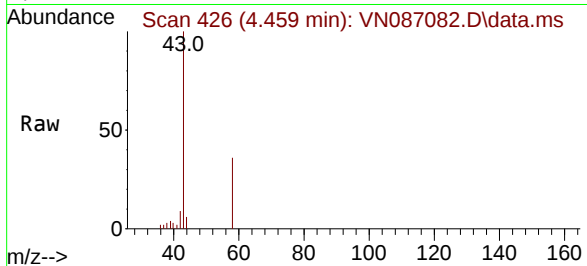




#16
Acetone
Concen: 27.177 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

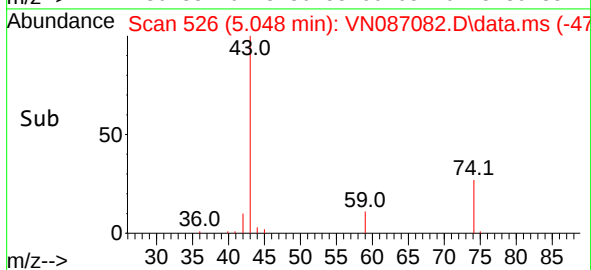
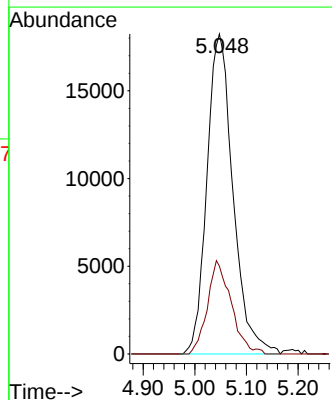
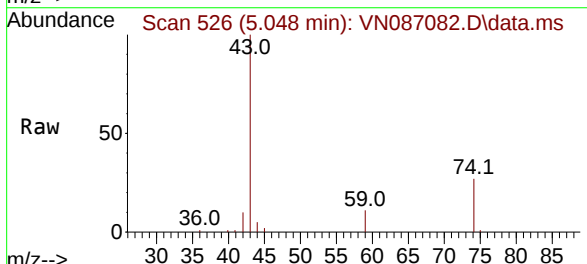
Instrument :
MSVOA_N
ClientSampleId :
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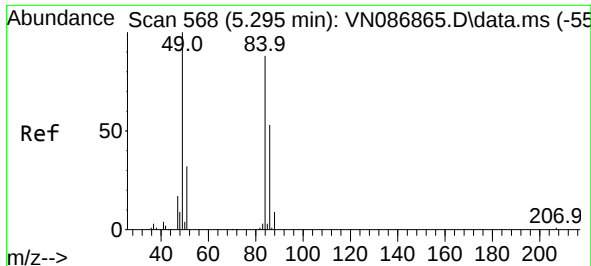
Tgt Ion: 43 Resp: 33277
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0



#18
Methyl Acetate
Concen: 17.923 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Tgt Ion: 43 Resp: 63953
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1

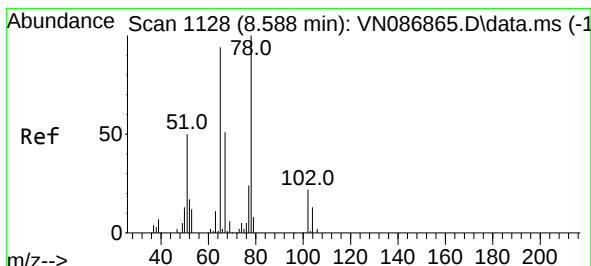
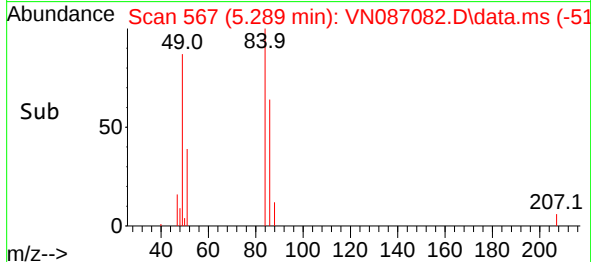
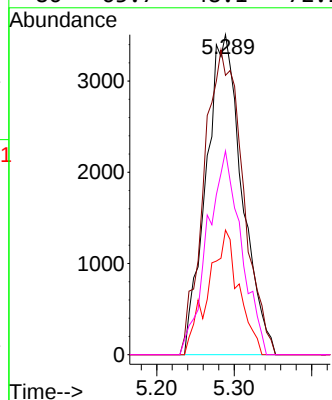
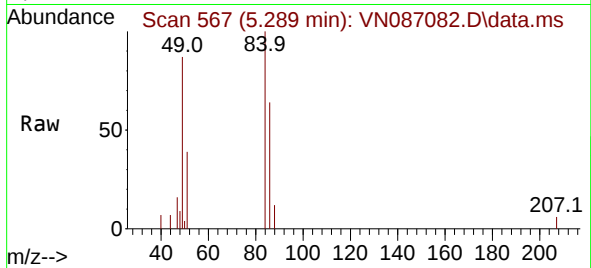




#20
Methylene Chloride
Concen: 4.932 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

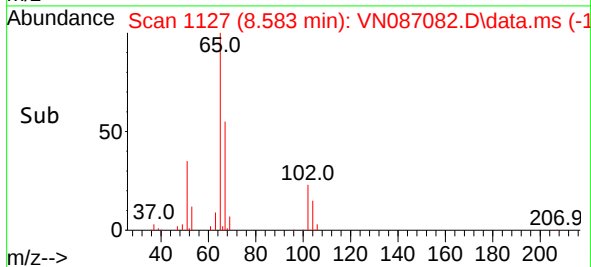
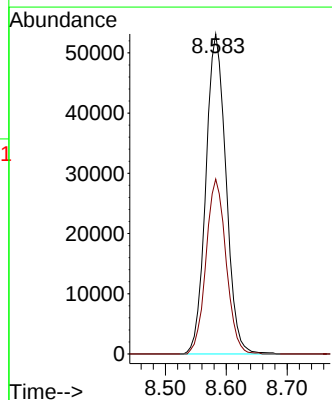
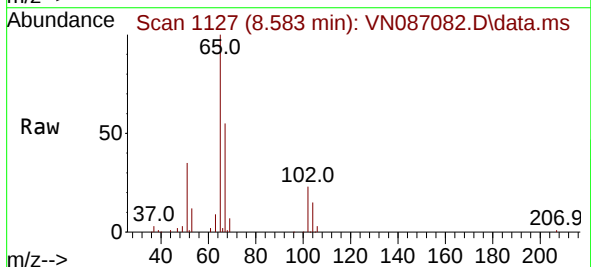
Instrument :
MSVOA_N
ClientSampleId :
TP05-MH17A-WC

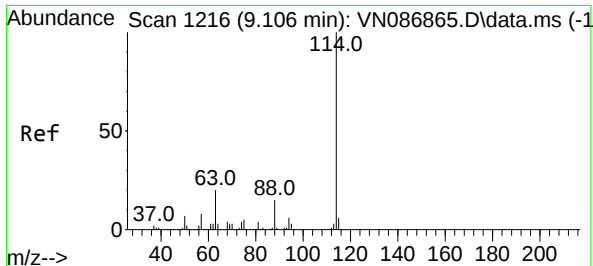
Tgt Ion:	84	Resp:	11306
Ion	Ratio	Lower	Upper
84	100		
49	87.3	90.5	135.7#
51	38.9	28.5	42.7
86	63.7	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 52.874 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Tgt Ion:	65	Resp:	122081
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.6

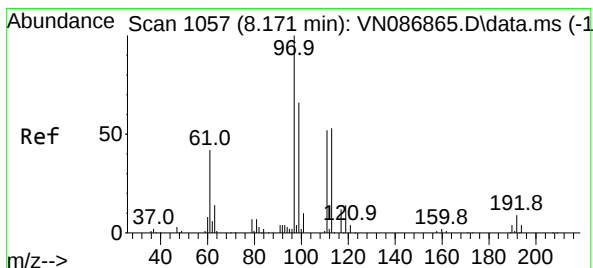
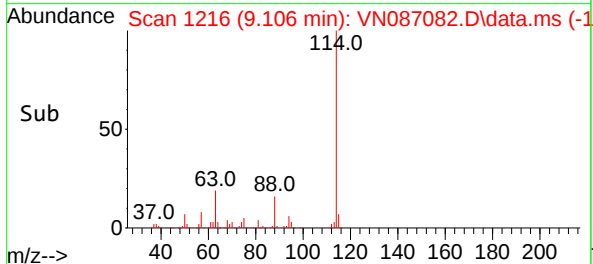
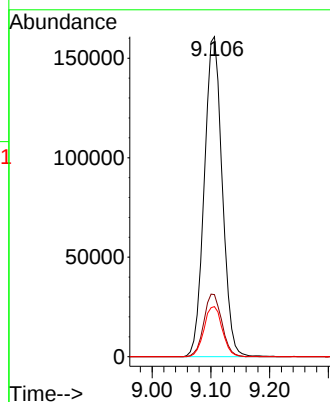
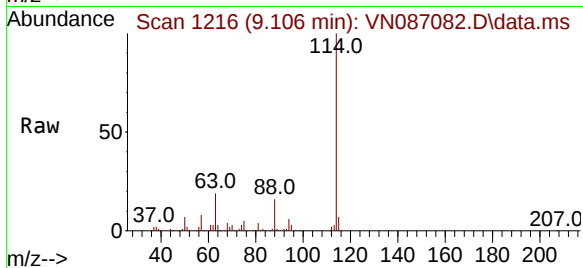




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

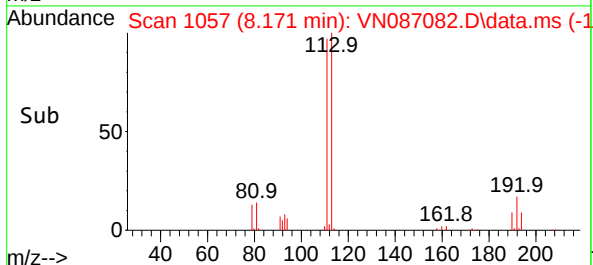
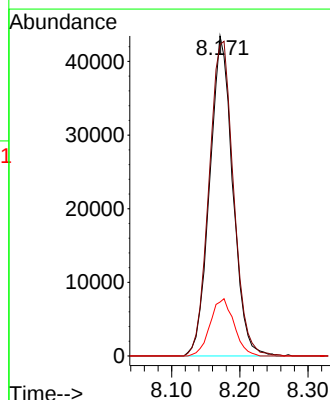
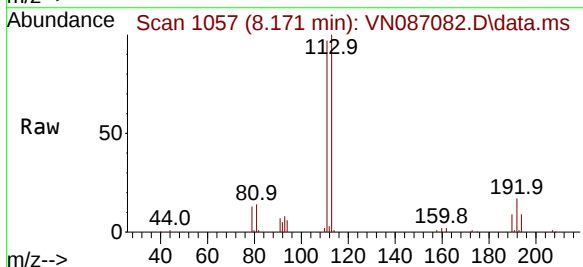
Instrument :
MSVOA_N
ClientSampleId :
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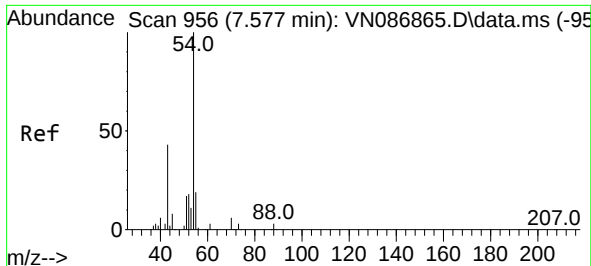
Tgt Ion:114 Resp: 340635
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 15.7 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.630 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Tgt Ion:113 Resp: 102206
Ion Ratio Lower Upper
113 100
111 104.7 84.2 126.2
192 18.5 14.2 21.4

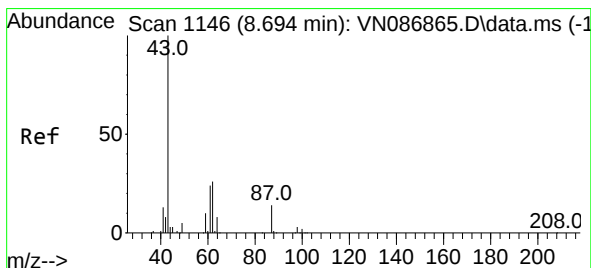
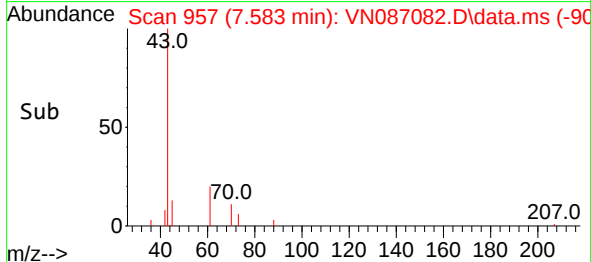
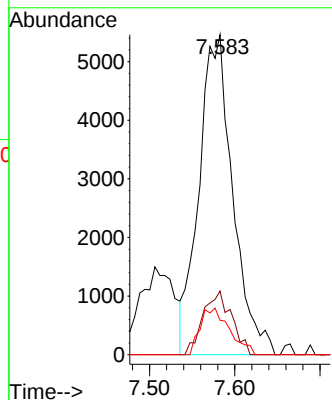
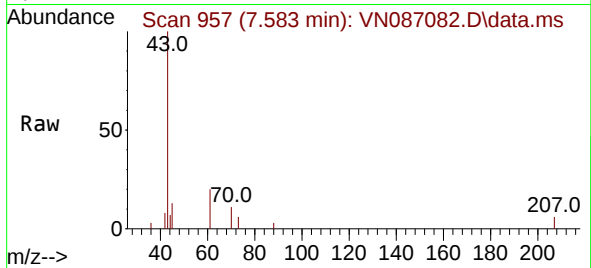




#37
Ethyl Acetate
Concen: 3.921 ug/l
RT: 7.583 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

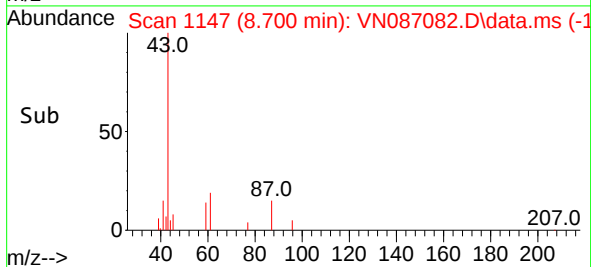
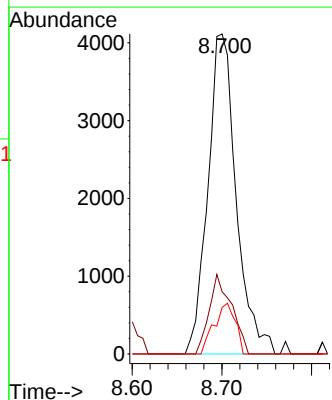
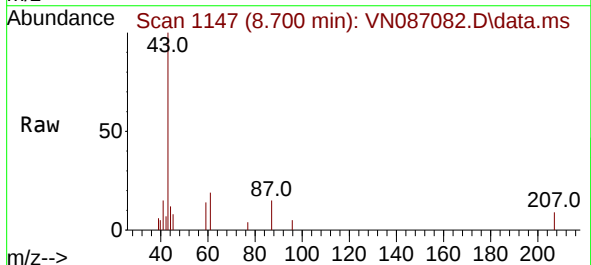
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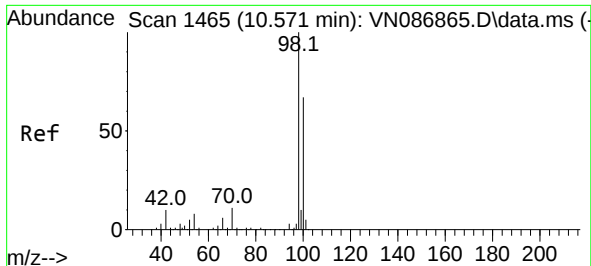
Tgt Ion:	43	Resp:	15016
Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.1	18.1
70	12.6	9.8	14.6



#43
Isopropyl Acetate
Concen: 1.468 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Tgt Ion:	43	Resp:	9023
Ion	Ratio	Lower	Upper
43	100		
61	19.7	22.1	33.1#
87	11.9	11.8	17.6

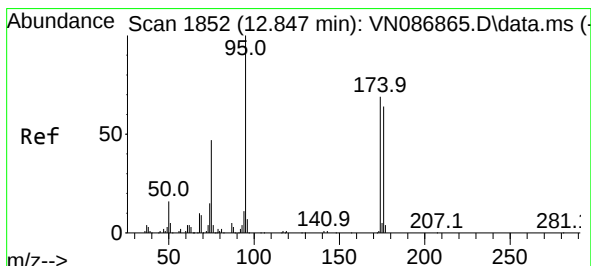
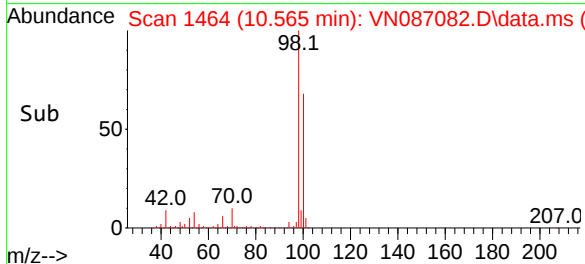
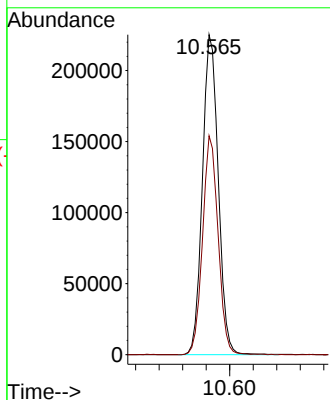
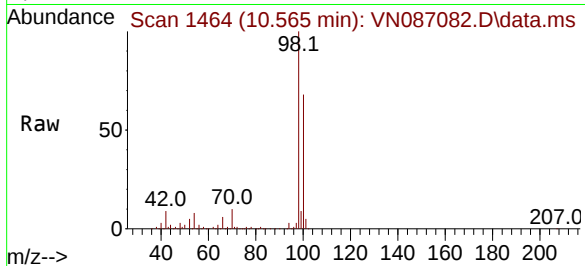




#50
Toluene-d8
Concen: 52.637 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

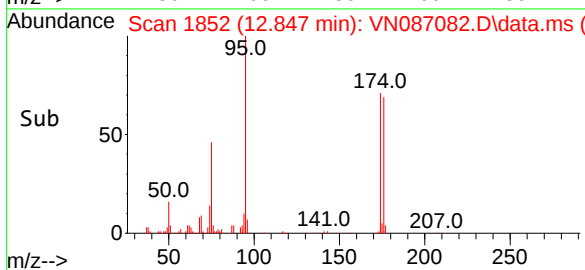
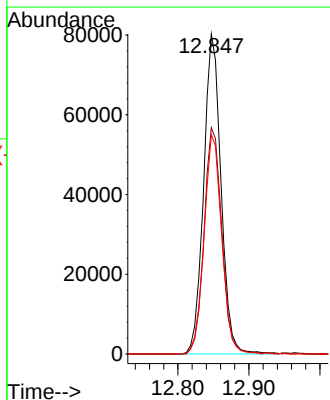
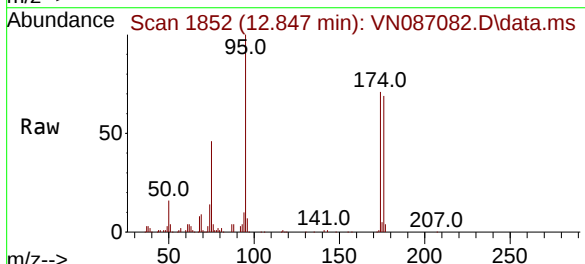
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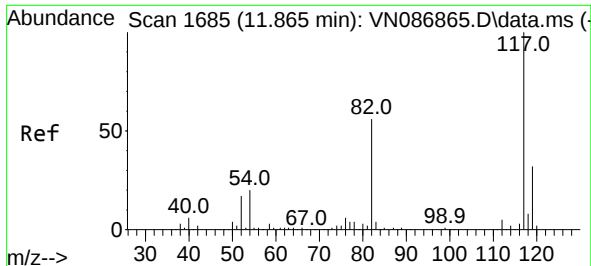
Tgt Ion: 98 Resp: 420645
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 45.996 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Tgt Ion: 95 Resp: 136566
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 69.1 0.0 132.6

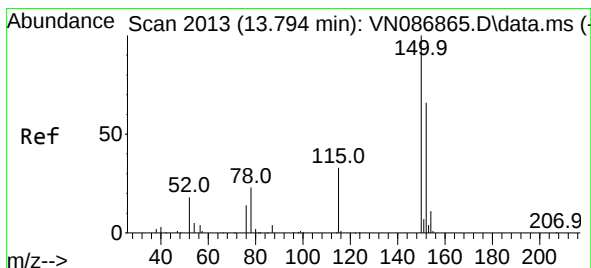
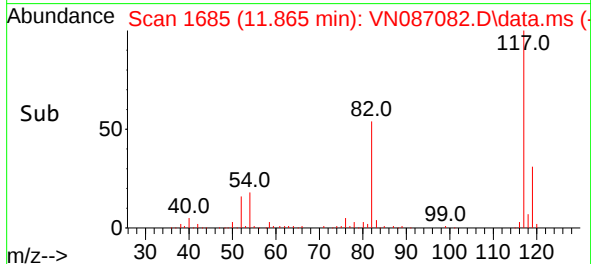
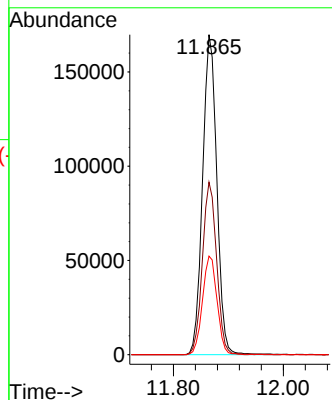
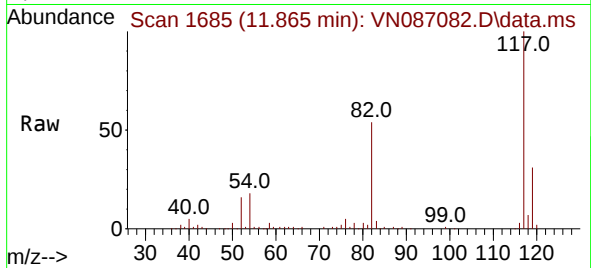




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 304906
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087082.D
Acq: 18 Jun 2025 13:56

Tgt Ion:152 Resp: 129697
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.5
150 159.2 0.0 345.0

