

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086127.D
 Acq On : 26 Mar 2025 15:35
 Operator : JC\MD
 Sample : Q1635-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Mar 27 01:39:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

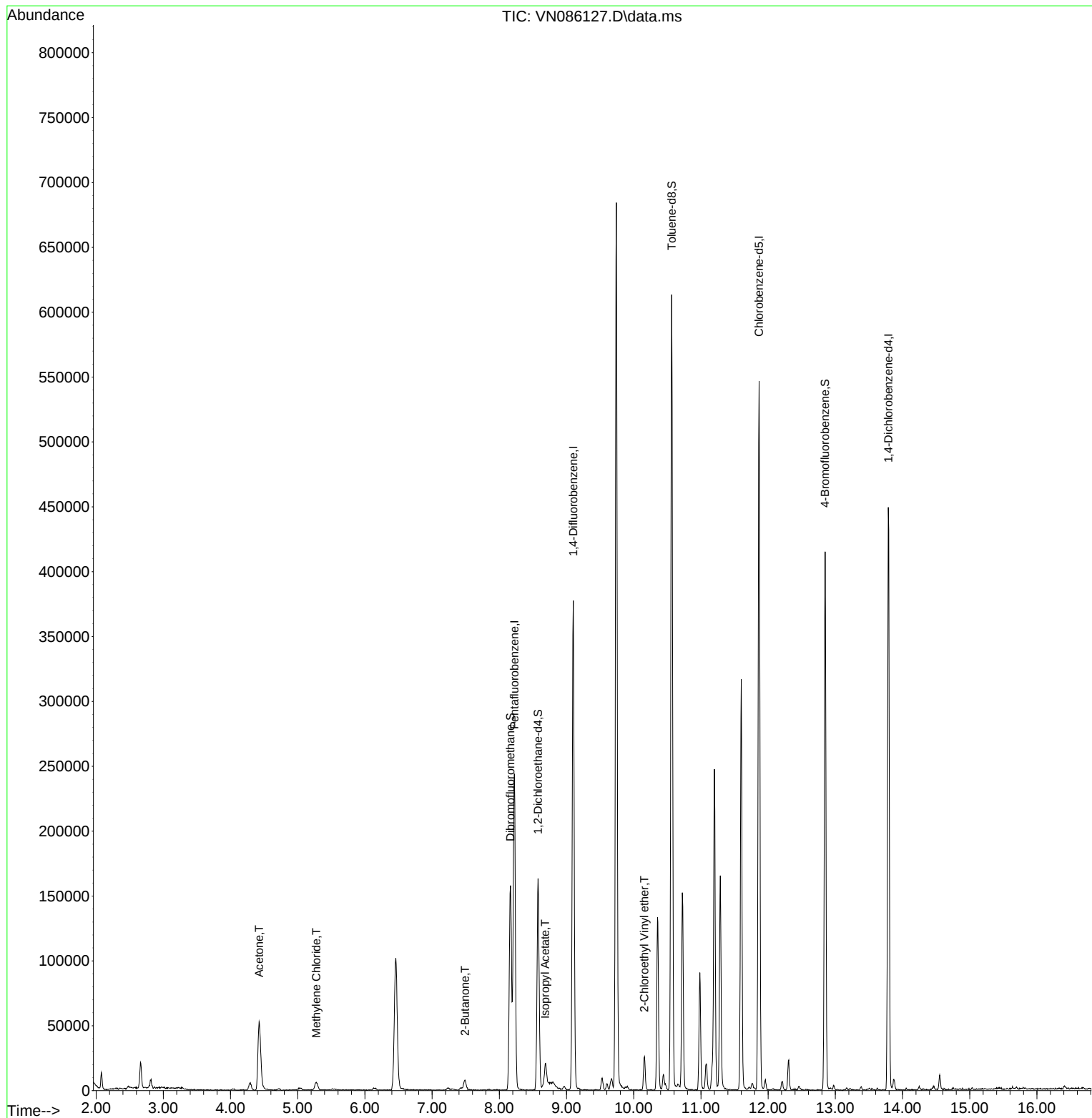
Internal Standards						
1) Pentafluorobenzene	8.224	168	178603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133445	54.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.120%	
35) Dibromofluoromethane	8.165	113	117397	51.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	10.565	98	435781	52.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.847	95	144828	48.656	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	98089	131.279	ug/l	99
20) Methylene Chloride	5.277	84	5367	2.455	ug/l	93
25) 2-Butanone	7.489	43	13155	12.202	ug/l #	82
43) Isopropyl Acetate	8.683	43	26370	4.763	ug/l #	75
58) 2-Chloroethyl Vinyl ether	10.159	63	11825	14.224	ug/l	97

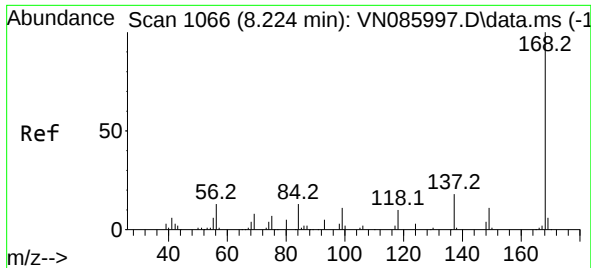
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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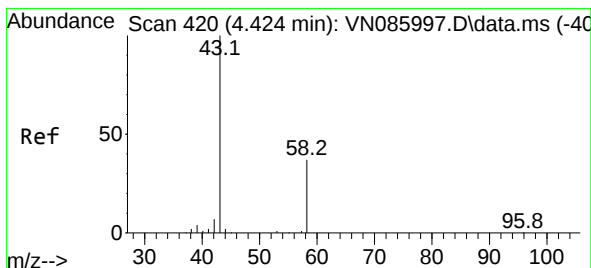
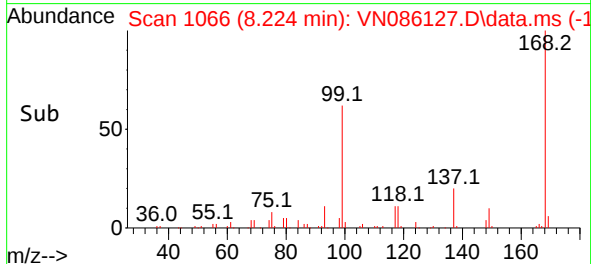
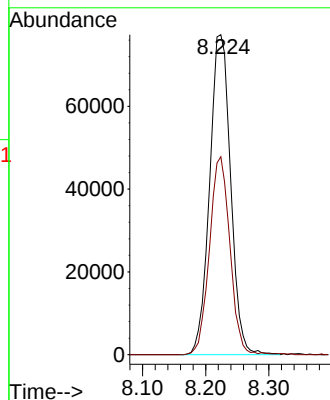
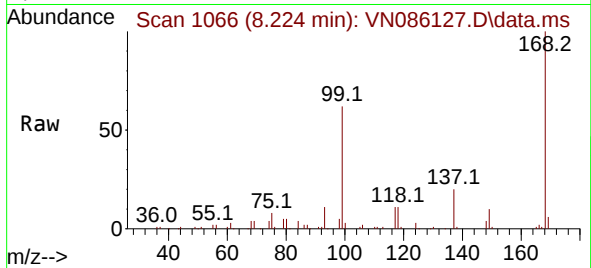




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

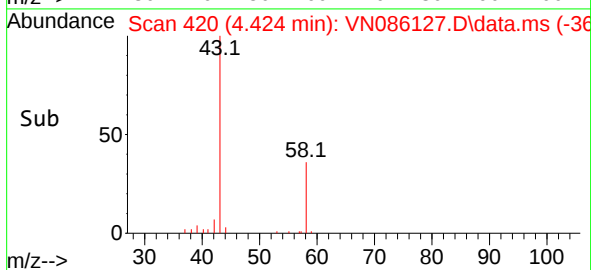
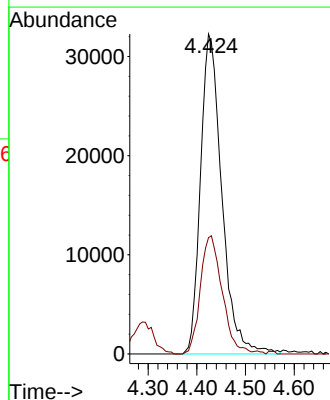
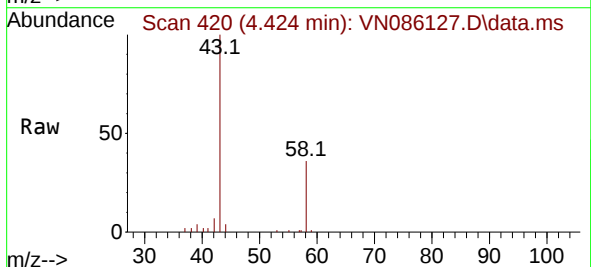
Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 178603
Ion Ratio Lower Upper
168 100
99 61.9 49.4 74.2



#16
Acetone
Concen: 131.279 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 43 Resp: 98089
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.2

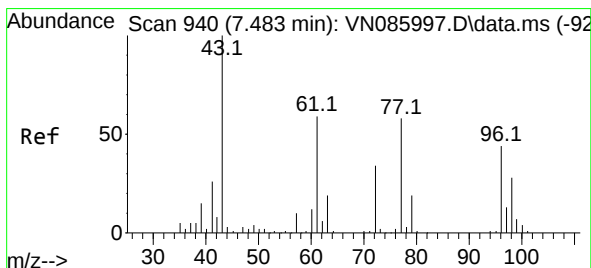
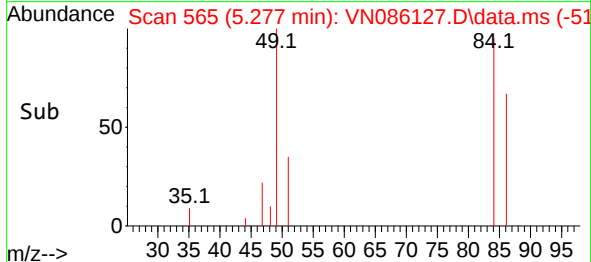
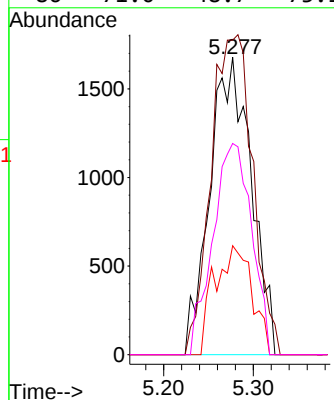
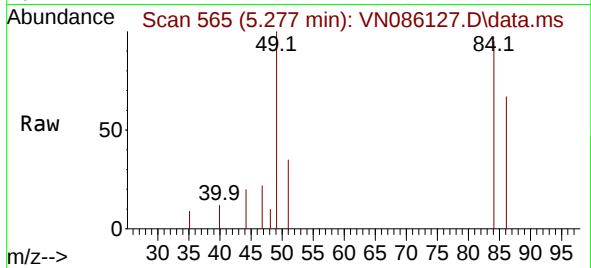




#20
Methylene Chloride
Concen: 2.455 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

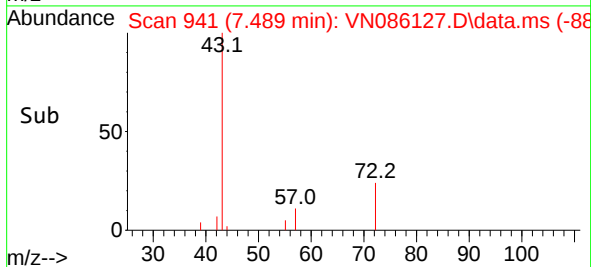
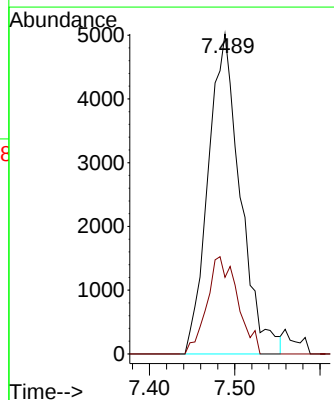
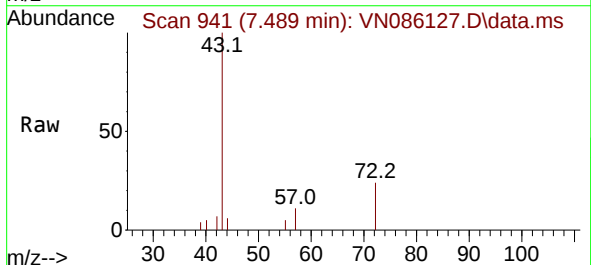
Instrument :
MSVOA_N
ClientSampleId :
TP-2

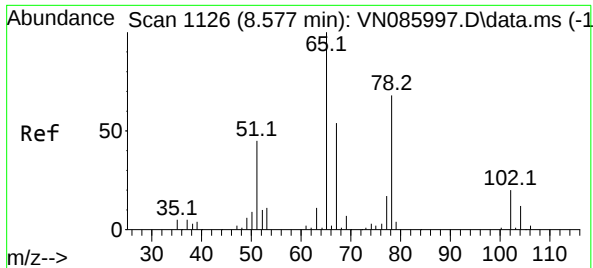
Tgt Ion: 84	Resp: 5367
Ion Ratio	Lower Upper
84 100	
49 105.7	83.3 124.9
51 36.6	24.8 37.2
86 71.0	48.7 73.1



#25
2-Butanone
Concen: 12.202 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 43	Resp: 13155
Ion Ratio	Lower Upper
43 100	
72 23.9	27.4 41.0#

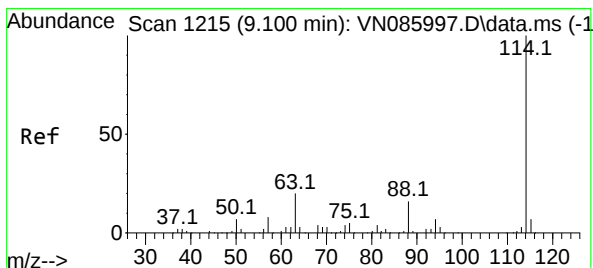
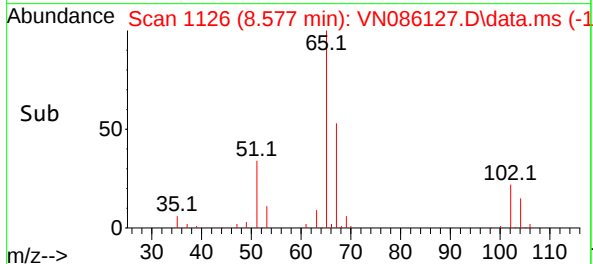
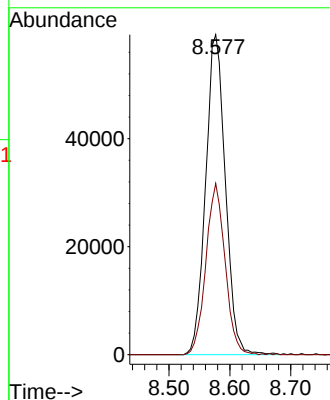
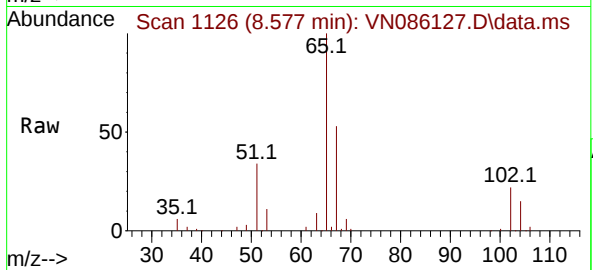




#33
 1,2-Dichloroethane-d4
 Concen: 54.564 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086127.D
 Acq: 26 Mar 2025 15:35

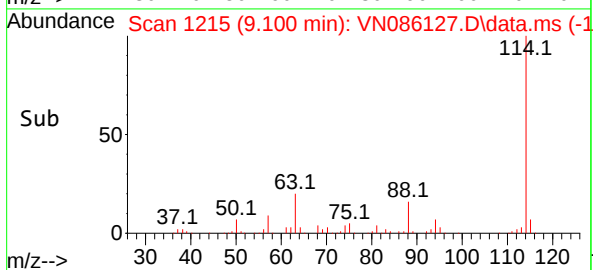
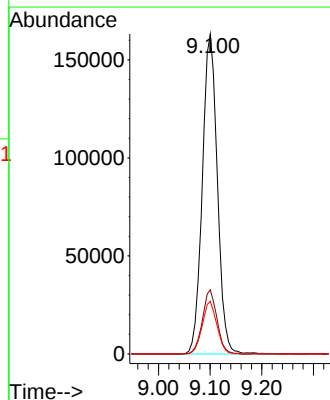
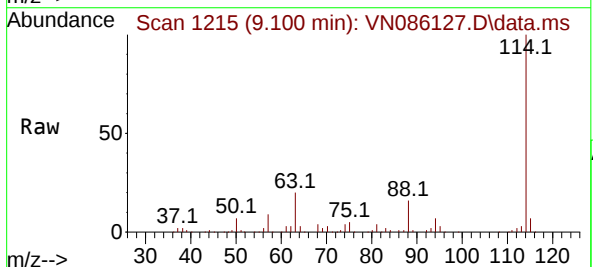
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tgt Ion: 65 Resp: 133445
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086127.D
 Acq: 26 Mar 2025 15:35

Tgt Ion: 114 Resp: 329480
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.048 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086127.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_N

ClientSampleId :

TP-2

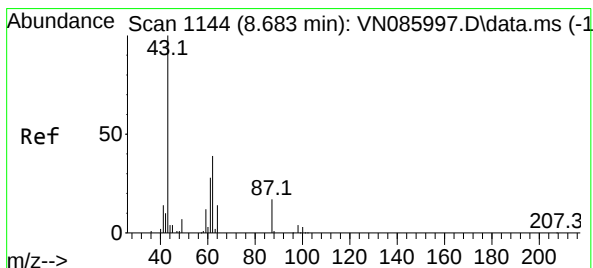
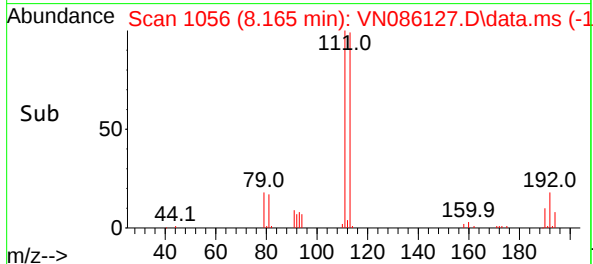
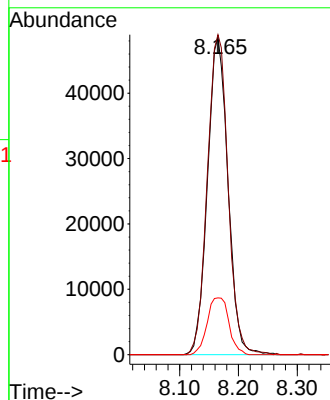
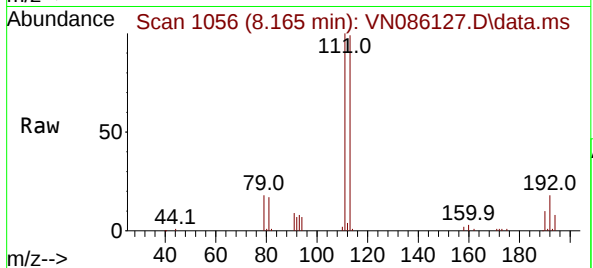
Tgt Ion:113 Resp: 117397

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 19.0 15.9 23.9



#43

Isopropyl Acetate

Concen: 4.763 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086127.D

Acq: 26 Mar 2025 15:35

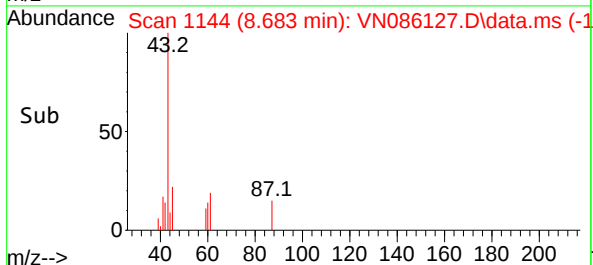
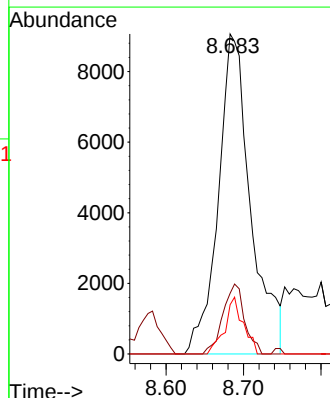
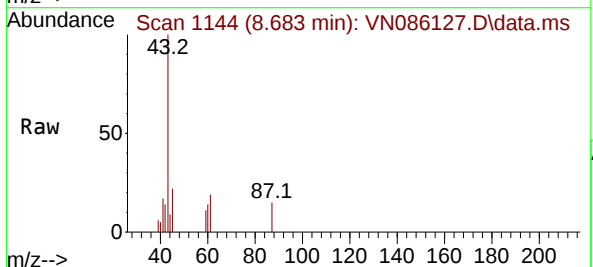
Tgt Ion: 43 Resp: 26370

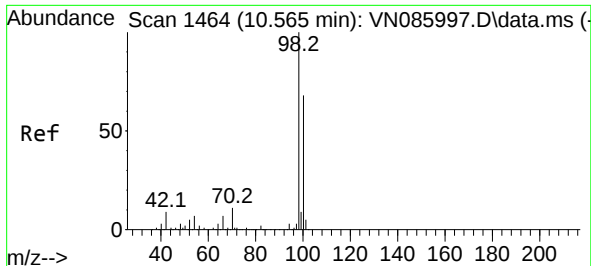
Ion Ratio Lower Upper

43 100

61 14.6 25.0 37.6#

87 10.1 13.0 19.4#

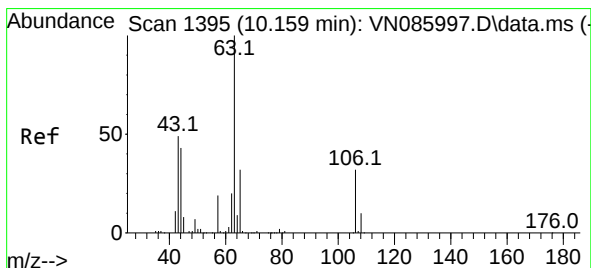
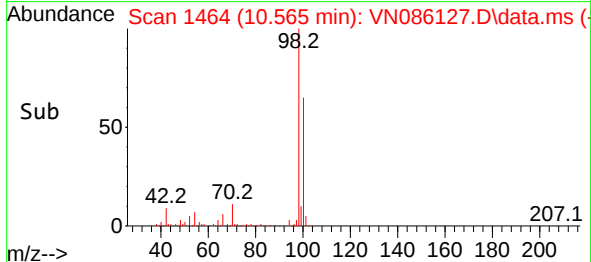
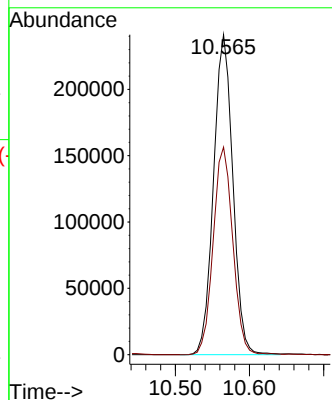
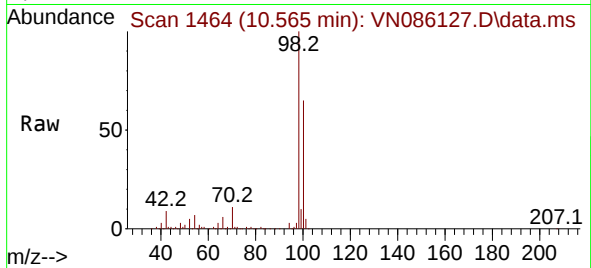




#50
Toluene-d8
Concen: 52.212 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

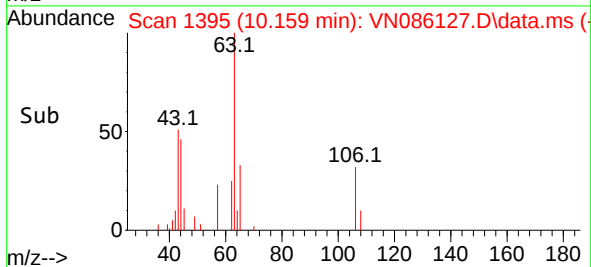
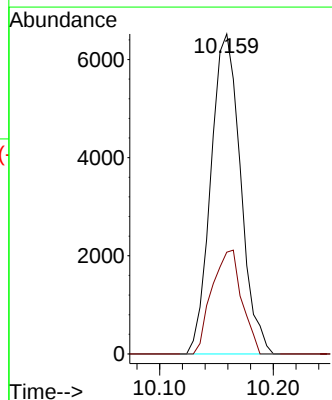
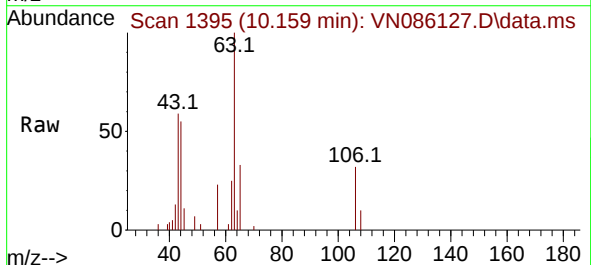
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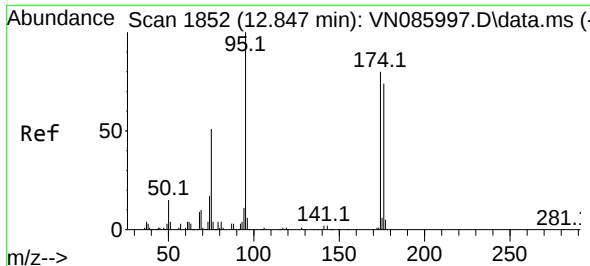
Tgt Ion: 98 Resp: 435781
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#58
2-Chloroethyl Vinyl ether
Concen: 14.224 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 63 Resp: 11825
Ion Ratio Lower Upper
63 100
106 32.7 25.0 37.6

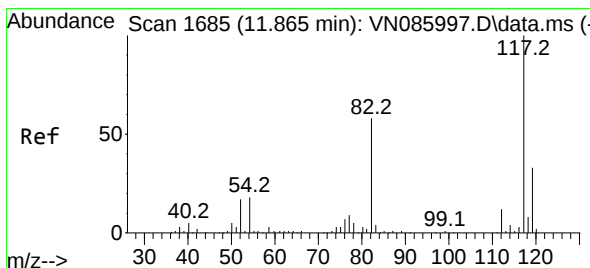
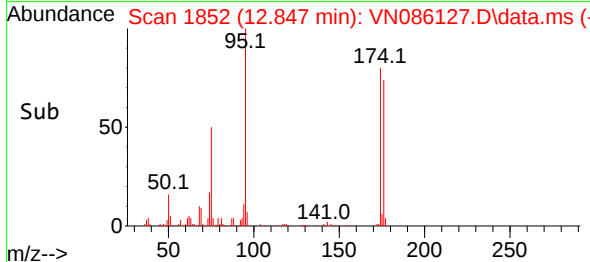
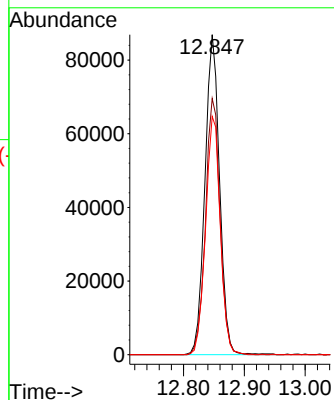
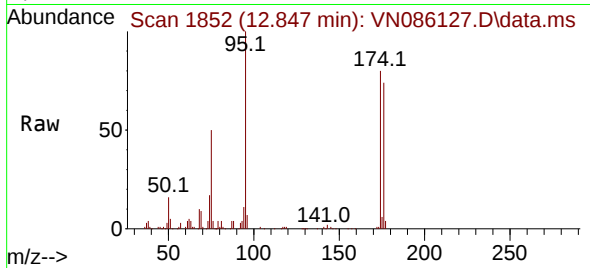




#62
4-Bromofluorobenzene
Concen: 48.656 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

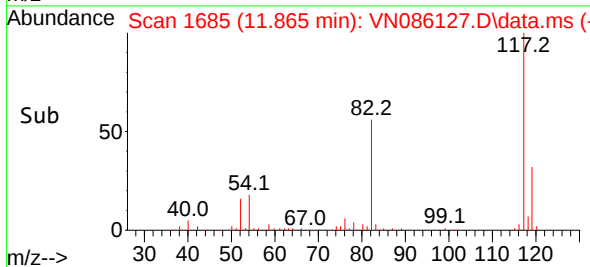
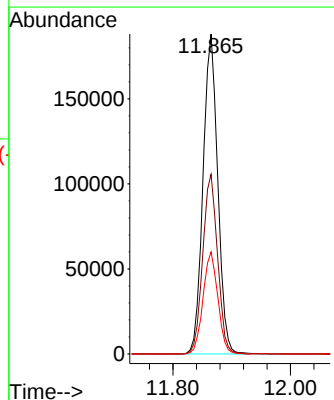
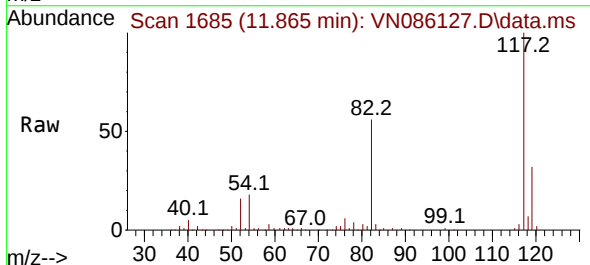
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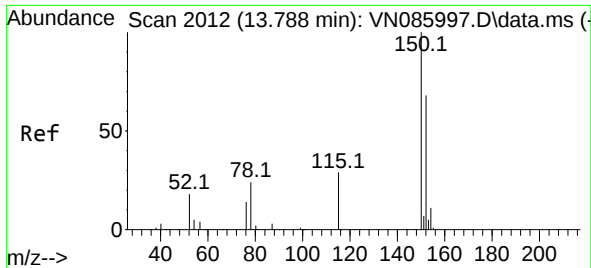
Tgt Ion: 95 Resp: 144828
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 74.8 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

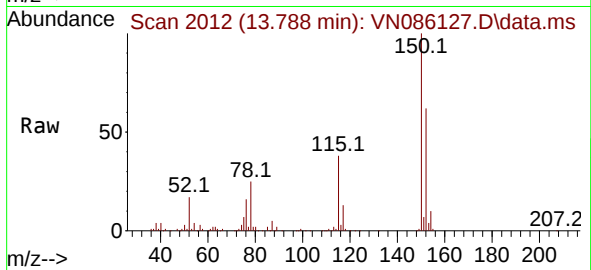
Tgt Ion: 117 Resp: 326217
Ion Ratio Lower Upper
117 100
82 56.1 46.7 70.1
119 31.9 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086127.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
TP-2



Tgt Ion:	152	Resp:	130406
Ion Ratio	Lower	Upper	
152	100		
115	60.3	31.1	93.2
150	158.8	0.0	359.6

