

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087193.D
 Acq On : 26 Jun 2025 14:29
 Operator : JC\MD
 Sample : Q2399-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP-7

Quant Time: Jun 27 01:26:21 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)

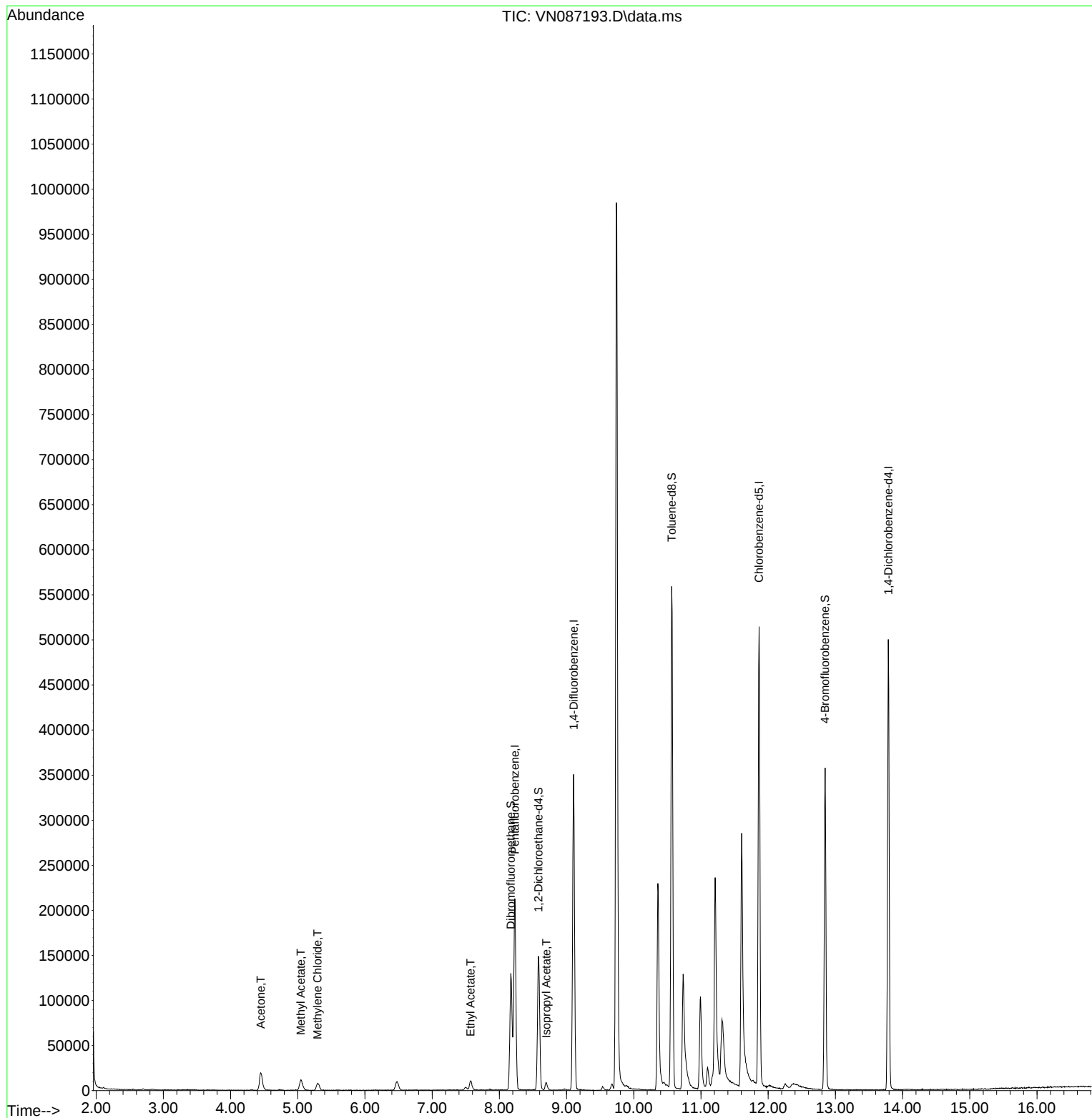
Internal Standards						
1) Pentafluorobenzene	8.230	168	155998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125932	60.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.580%	
35) Dibromofluoromethane	8.171	113	96622	55.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.820%	
50) Toluene-d8	10.565	98	401235	58.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.240%#	
62) 4-Bromofluorobenzene	12.847	95	137082	53.449	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.900%	
Target Compounds						
						Qvalue
16) Acetone	4.448	43	39466	35.631	ug/l	99
18) Methyl Acetate	5.047	43	25790	7.990	ug/l	95
20) Methylene Chloride	5.295	84	7280	3.511	ug/l	88
37) Ethyl Acetate	7.571	43	17498	5.290	ug/l	97
43) Isopropyl Acetate	8.700	43	9909	1.866	ug/l #	89

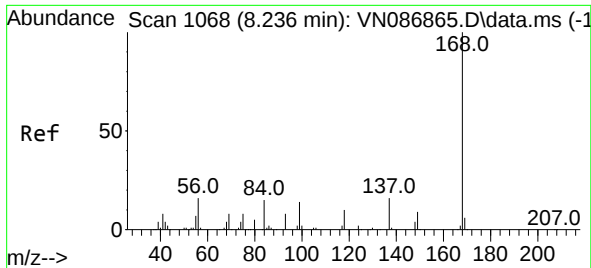
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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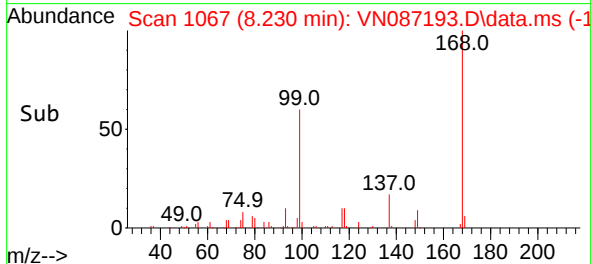
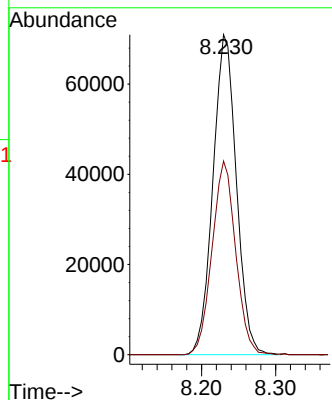
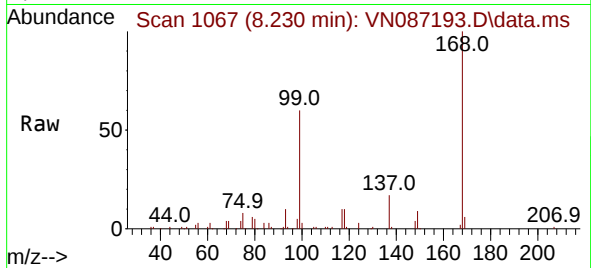




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

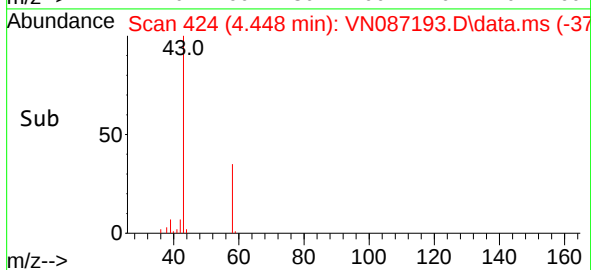
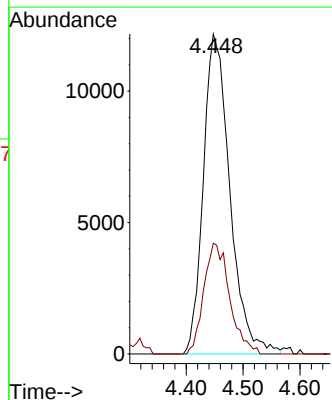
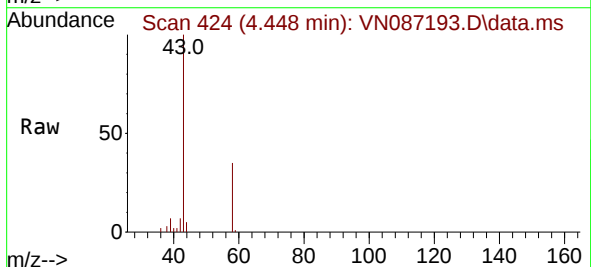
Instrument :
MSVOA_N
ClientSampleId :
EP-7

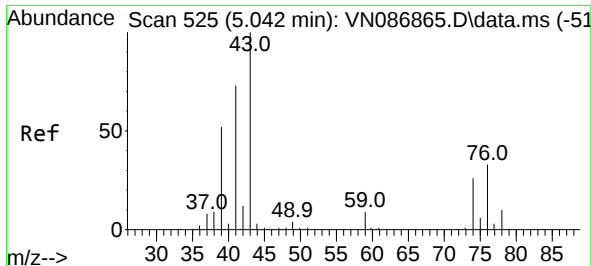
Tgt Ion:168 Resp: 155998
Ion Ratio Lower Upper
168 100
99 60.5 49.1 73.7



#16
Acetone
Concen: 35.631 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

Tgt Ion: 43 Resp: 39466
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0

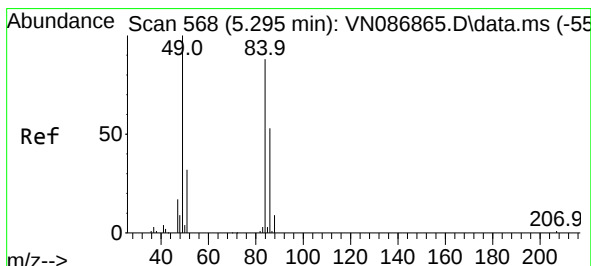
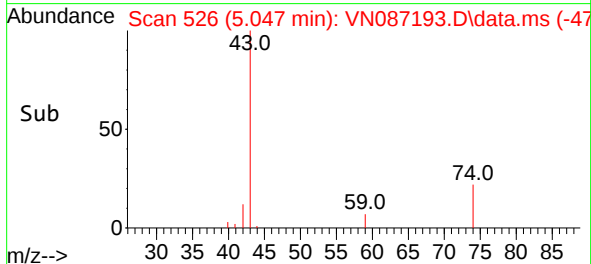
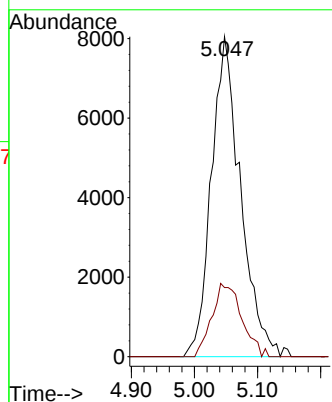
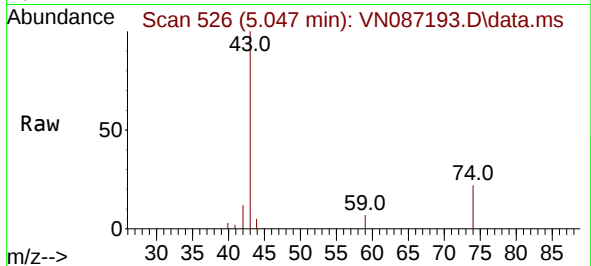




#18
Methyl Acetate
Concen: 7.990 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

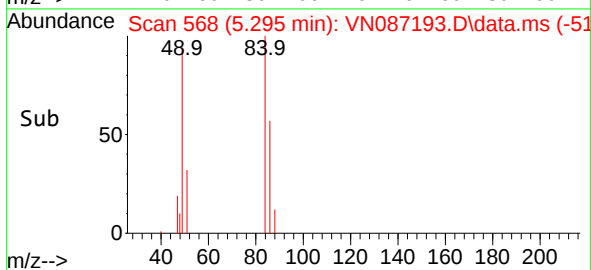
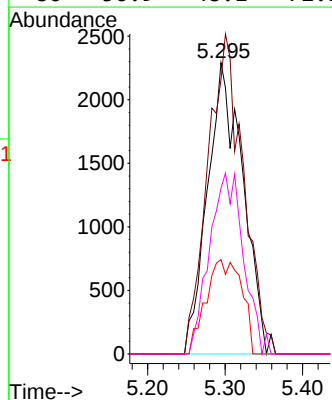
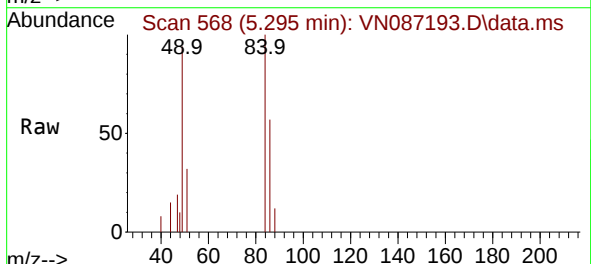
Instrument :
MSVOA_N
ClientSampleId :
EP-7

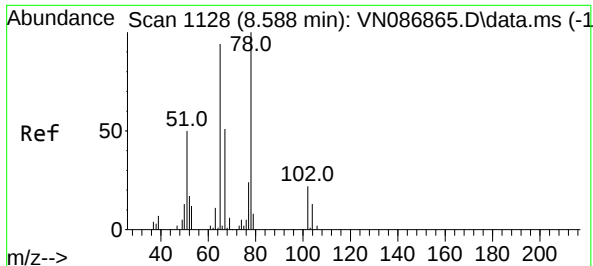
Tgt Ion: 43 Resp: 25790
Ion Ratio Lower Upper
43 100
74 23.4 20.7 31.1



#20
Methylene Chloride
Concen: 3.511 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

Tgt Ion: 84 Resp: 7280
Ion Ratio Lower Upper
84 100
49 94.3 90.5 135.7
51 32.4 28.5 42.7
86 56.9 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 60.294 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087193.D

Acq: 26 Jun 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

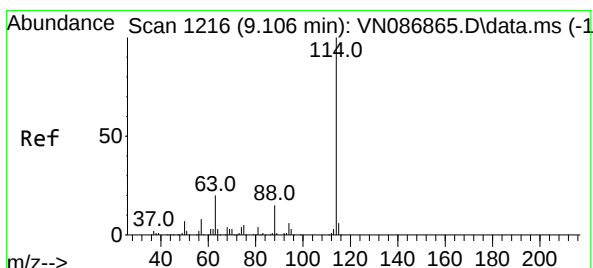
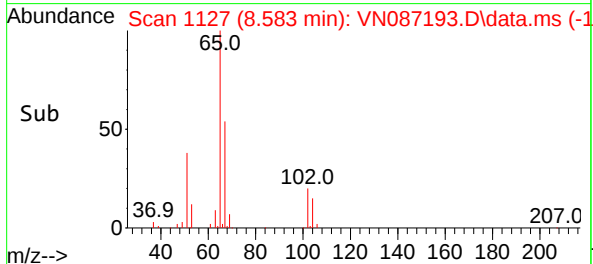
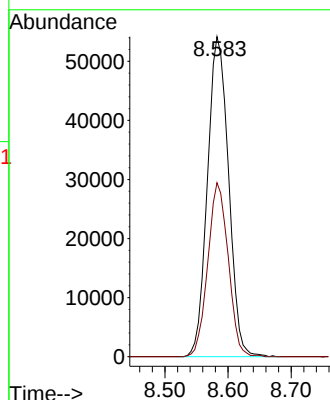
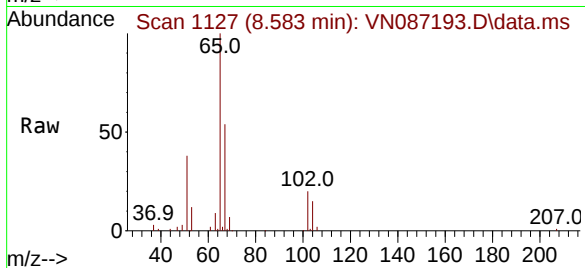
EP-7

Tgt Ion: 65 Resp: 125932

Ion Ratio Lower Upper

65 100

67 52.5 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: VN087193.D

Acq: 26 Jun 2025 14:29

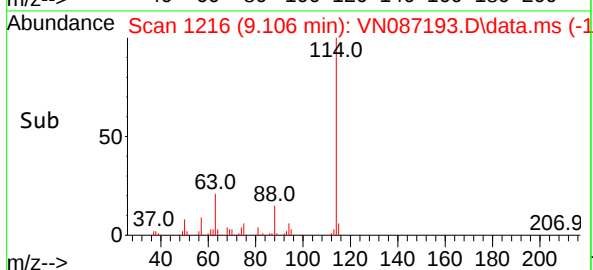
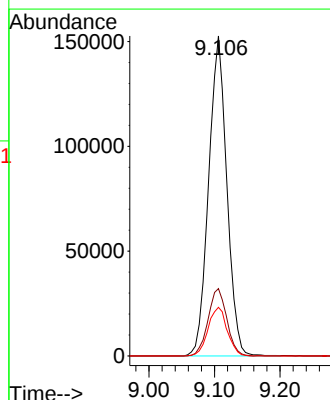
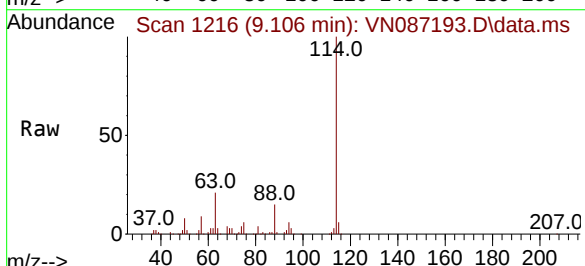
Tgt Ion:114 Resp: 294245

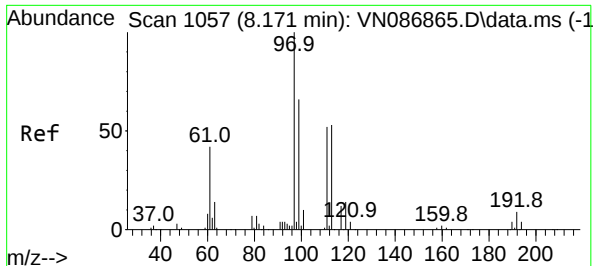
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.410 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087193.D

Acq: 26 Jun 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

EP-7

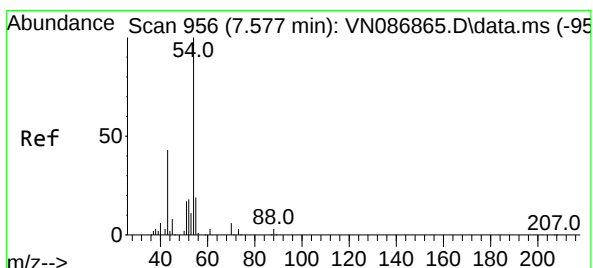
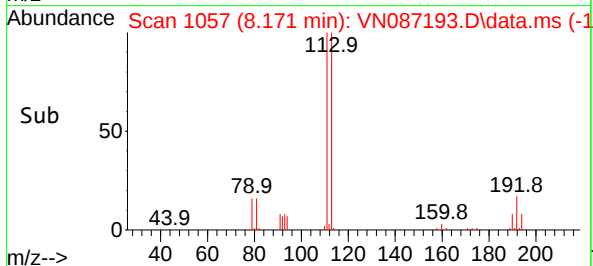
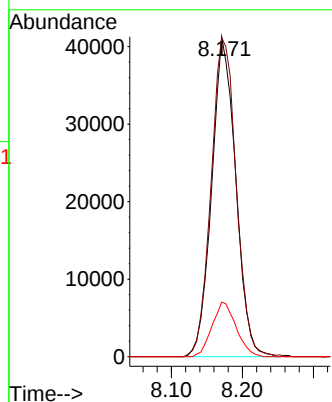
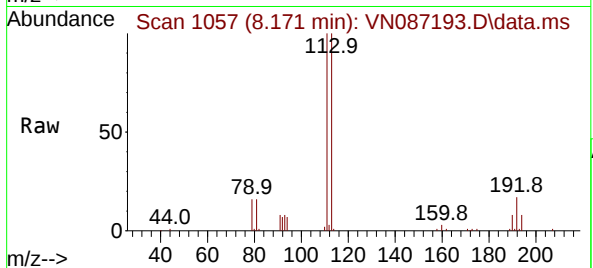
Tgt Ion:113 Resp: 96622

Ion Ratio Lower Upper

113 100

111 104.1 84.2 126.2

192 17.2 14.2 21.4



#37

Ethyl Acetate

Concen: 5.290 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.006 min

Lab File: VN087193.D

Acq: 26 Jun 2025 14:29

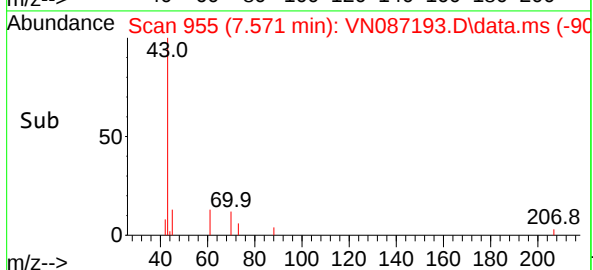
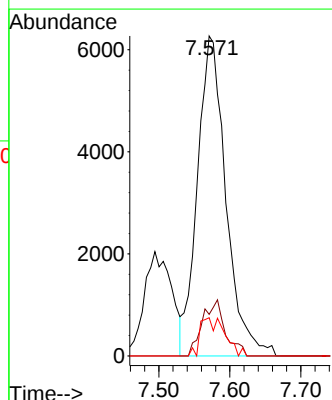
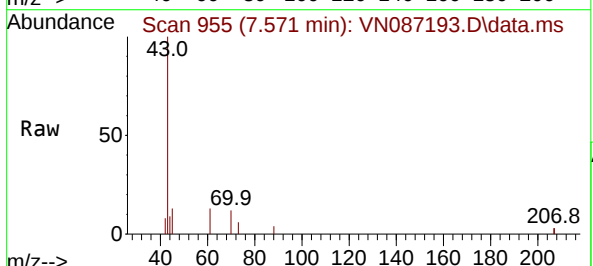
Tgt Ion: 43 Resp: 17498

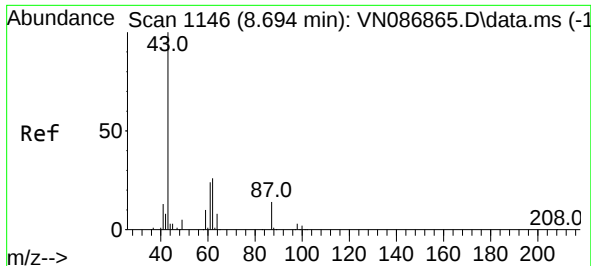
Ion Ratio Lower Upper

43 100

61 14.0 12.1 18.1

70 10.4 9.8 14.6

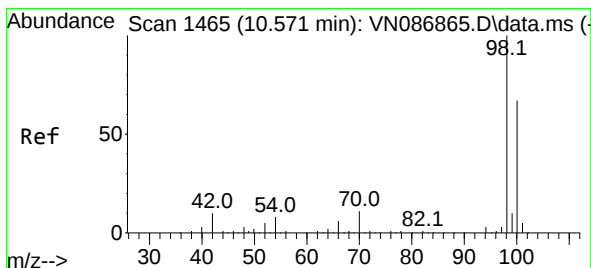
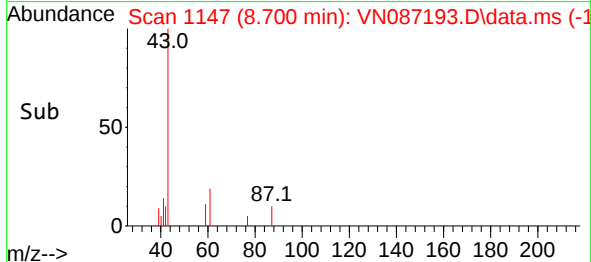
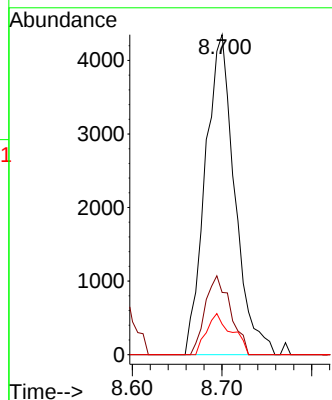
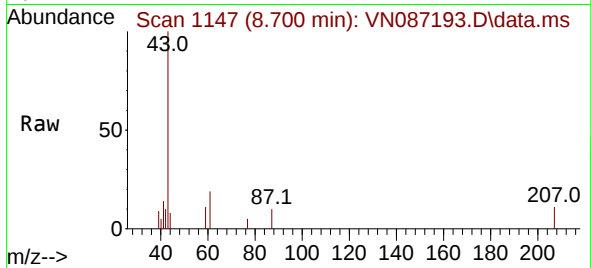




#43
Isopropyl Acetate
Concen: 1.866 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

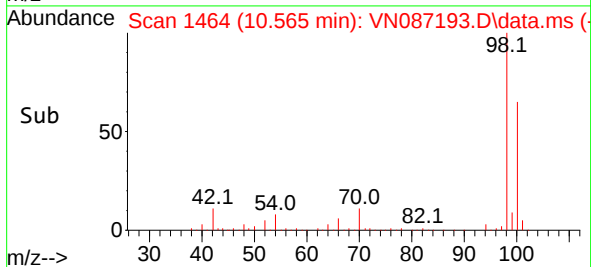
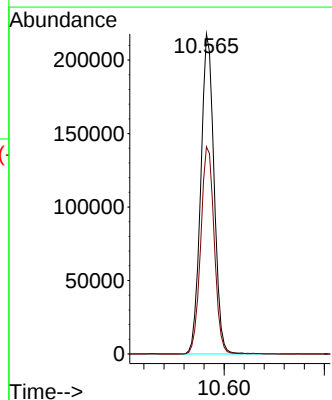
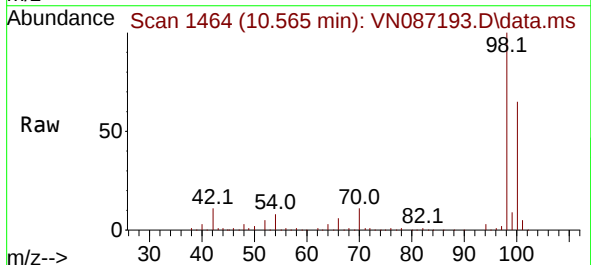
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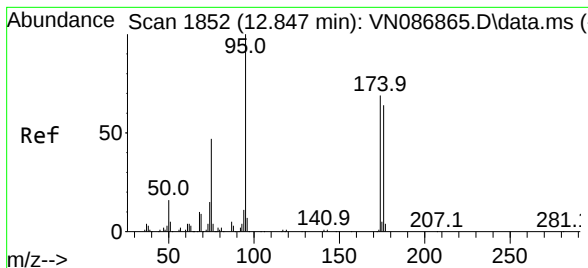
Tgt Ion: 43 Resp: 9909
Ion Ratio Lower Upper
43 100
61 21.3 22.1 33.1#
87 10.9 11.8 17.6#



#50
Toluene-d8
Concen: 58.124 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

Tgt Ion: 98 Resp: 401235
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0

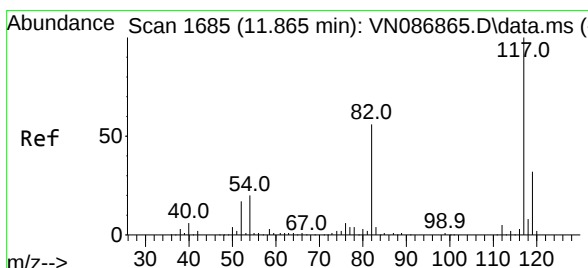
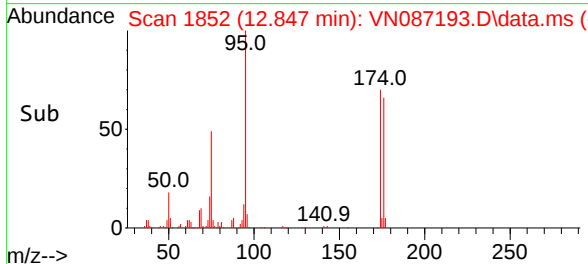
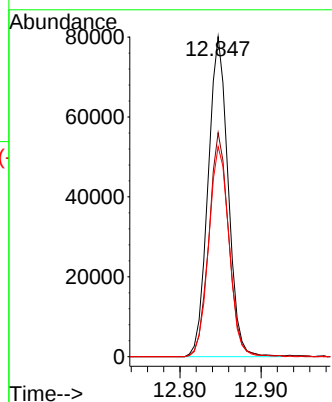
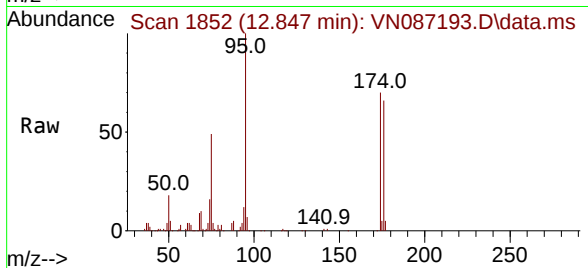




#62
4-Bromofluorobenzene
Concen: 53.449 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

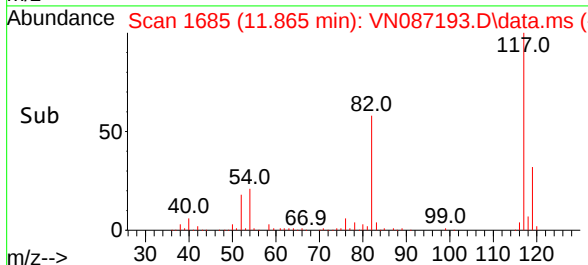
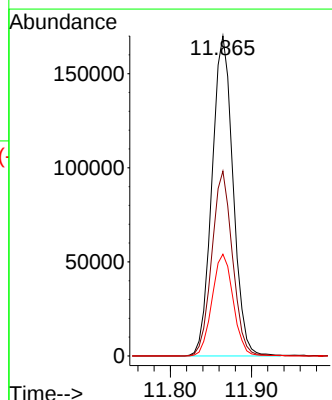
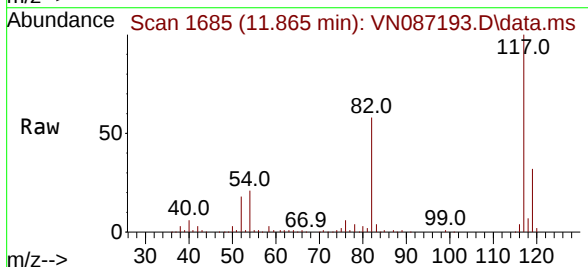
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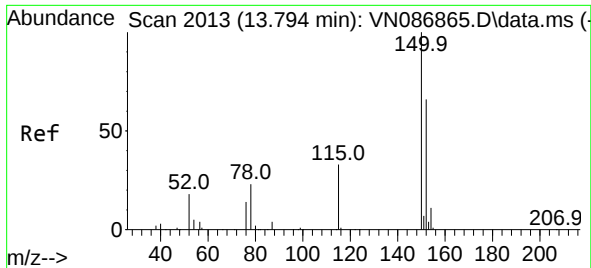
Tgt Ion: 95 Resp: 137082
Ion Ratio Lower Upper
95 100
174 69.1 0.0 141.8
176 66.7 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087193.D
Acq: 26 Jun 2025 14:29

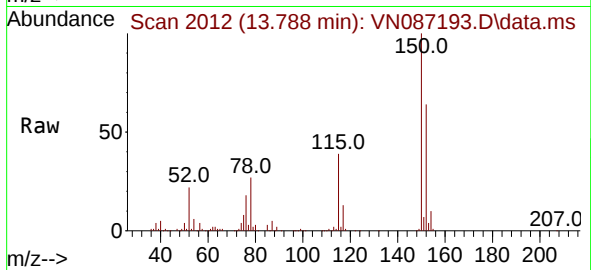
Tgt Ion: 117 Resp: 306552
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087193.D
 Acq: 26 Jun 2025 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 138433
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.1 90.5
 150 157.0 0.0 345.0

