

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086149.D
 Acq On : 28 Mar 2025 14:42
 Operator : JC\MD
 Sample : Q1648-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Mar 28 15:00:06 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)

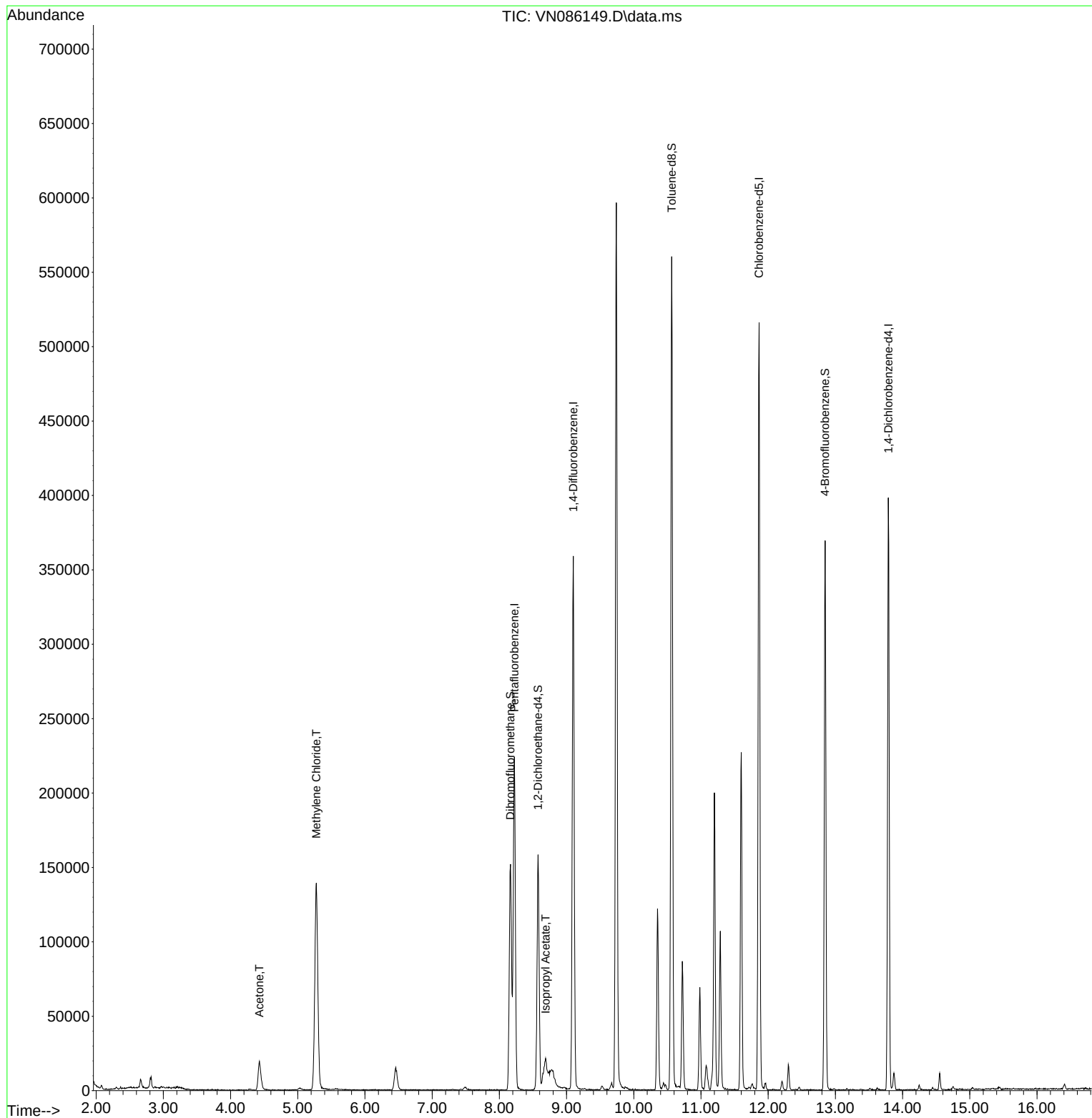
Internal Standards						
1) Pentafluorobenzene	8.224	168	164139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126800	56.415	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.840%	
35) Dibromofluoromethane	8.165	113	110716	51.200	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.400%	
50) Toluene-d8	10.565	98	398798	50.815	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.620%	
62) 4-Bromofluorobenzene	12.847	95	129282	46.191	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.380%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	35420	51.582	ug/l	96
20) Methylene Chloride	5.277	84	115291	57.393	ug/l	95
43) Isopropyl Acetate	8.688	43	31727	6.095	ug/l #	63

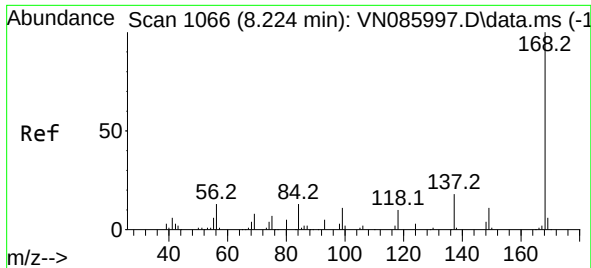
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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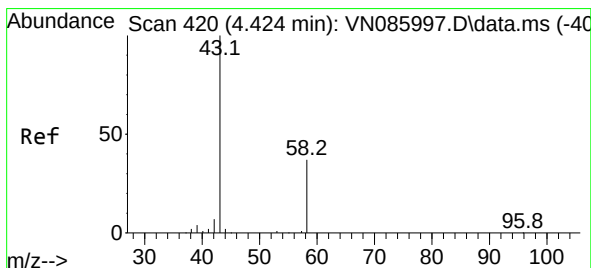
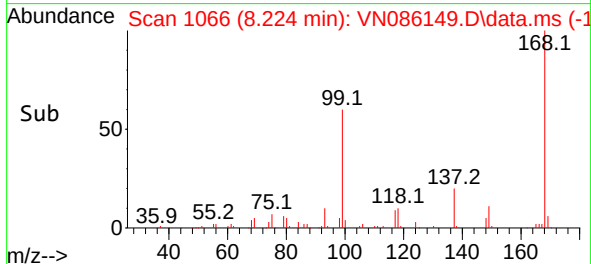
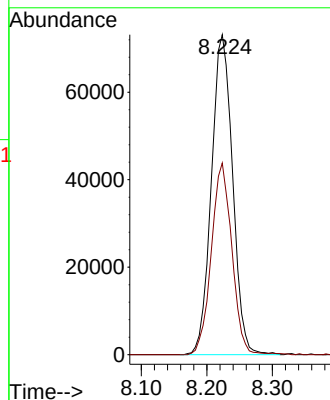
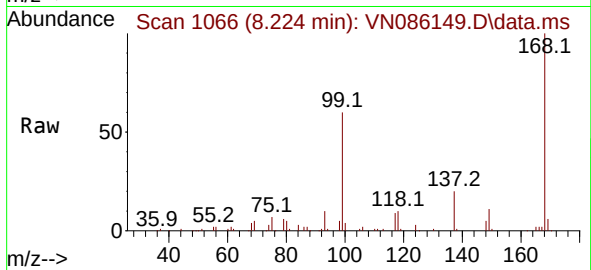




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

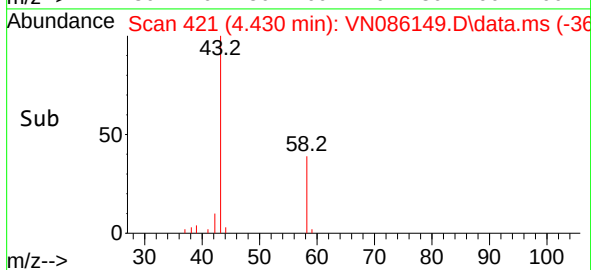
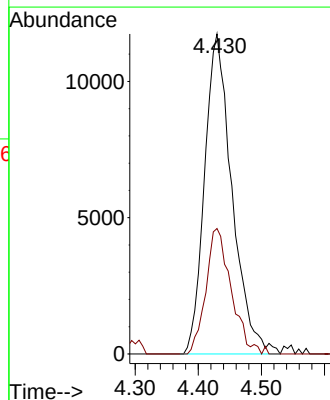
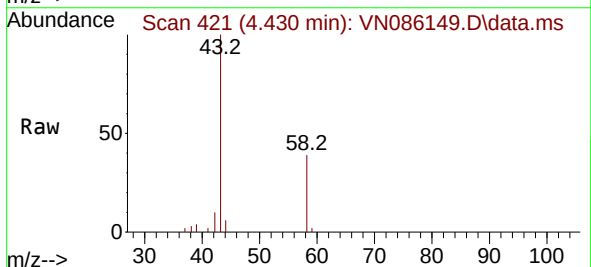
Instrument :
MSVOA_N
ClientSampleId :
TP-7

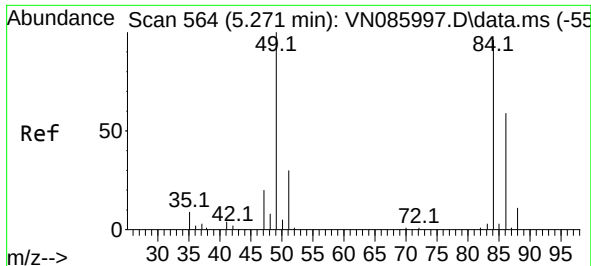
Tgt Ion:168 Resp: 164139
Ion Ratio Lower Upper
168 100
99 59.9 49.4 74.2



#16
Acetone
Concen: 51.582 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

Tgt Ion: 43 Resp: 35420
Ion Ratio Lower Upper
43 100
58 39.2 29.4 44.2

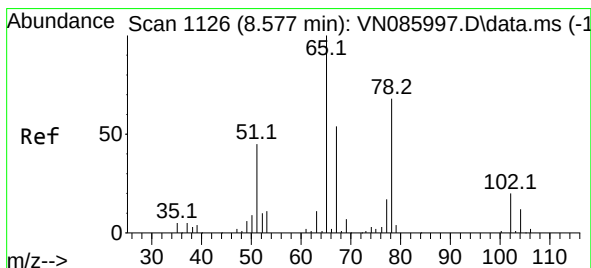
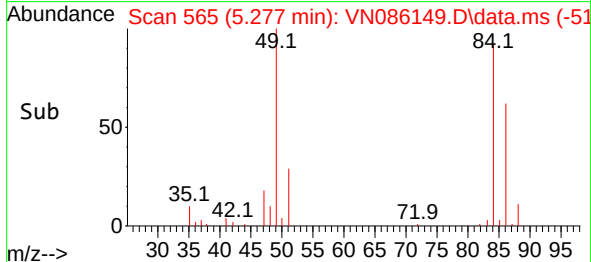
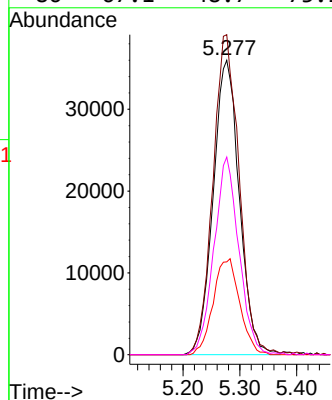
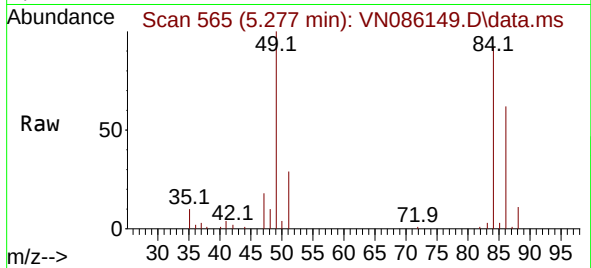




#20
Methylene Chloride
Concen: 57.393 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

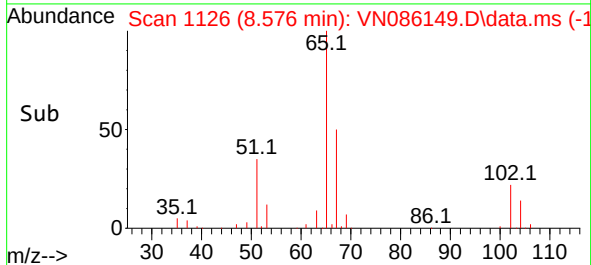
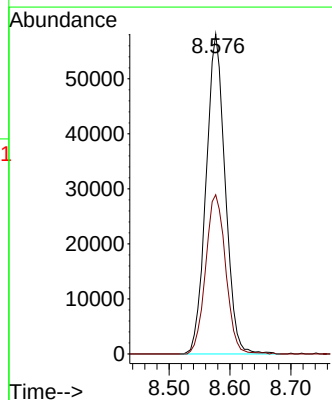
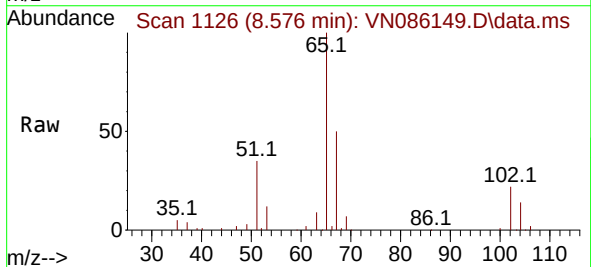
Instrument :
MSVOA_N
ClientSampleId :
TP-7

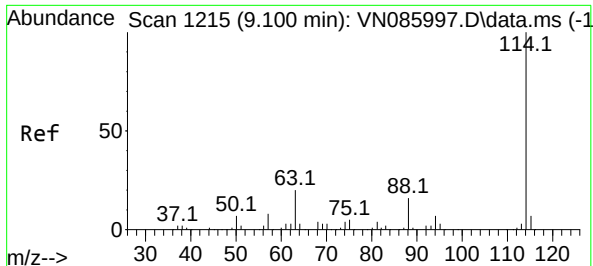
Tgt Ion: 84 Resp: 115291
Ion Ratio Lower Upper
84 100
49 108.7 83.3 124.9
51 31.5 24.8 37.2
86 67.1 48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 56.415 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

Tgt Ion: 65 Resp: 126800
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# 1

Delta R.T. -0.000 min

Lab File: VN086149.D

Acq: 28 Mar 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

TP-7

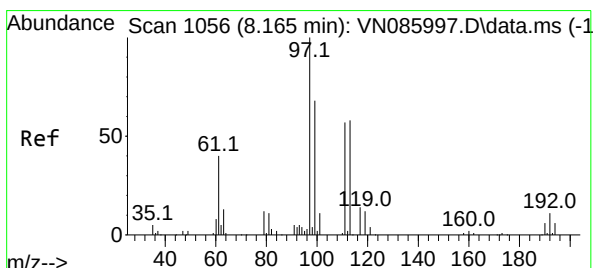
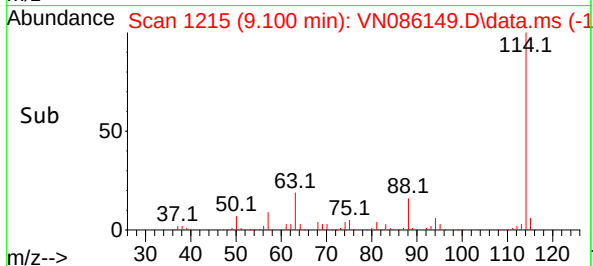
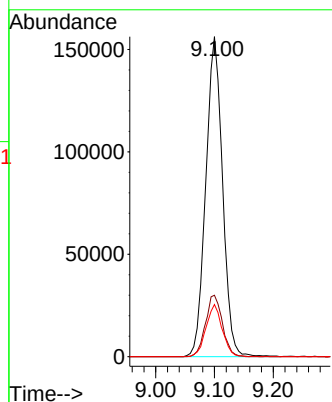
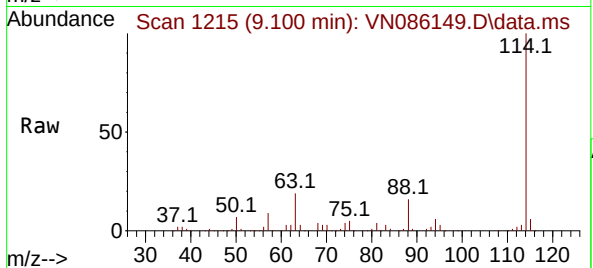
Tgt Ion:114 Resp: 309809

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.200 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086149.D

Acq: 28 Mar 2025 14:42

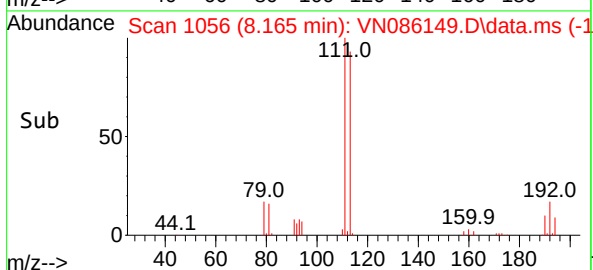
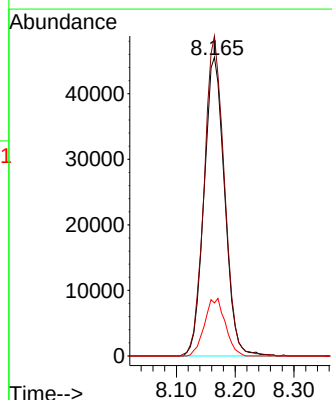
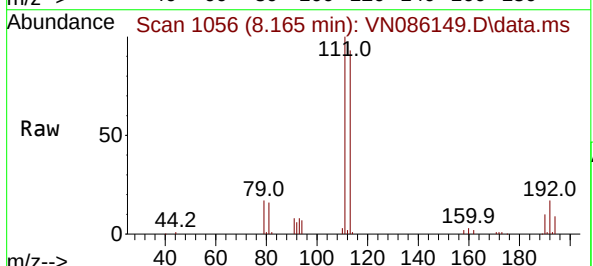
Tgt Ion:113 Resp: 110716

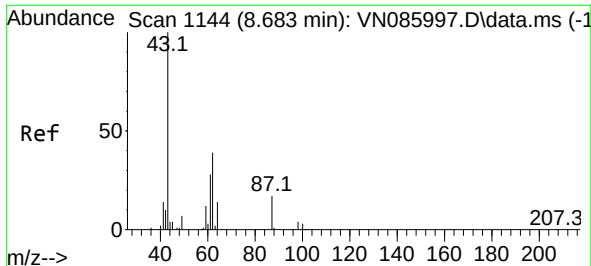
Ion Ratio Lower Upper

113 100

111 105.3 81.8 122.8

192 19.5 15.9 23.9

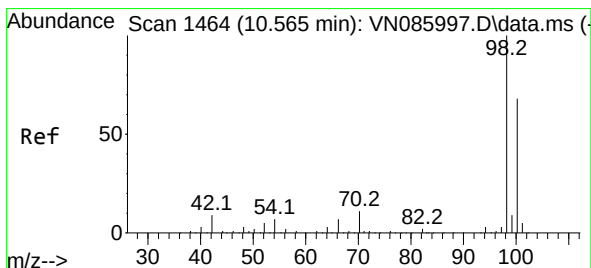
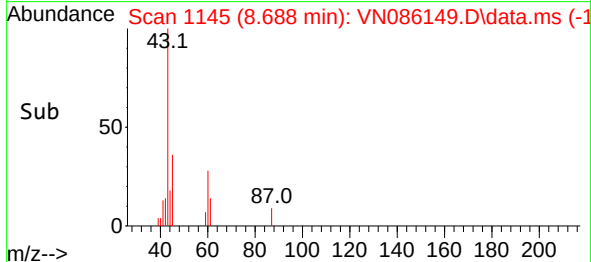
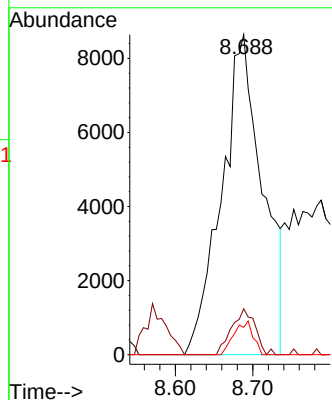
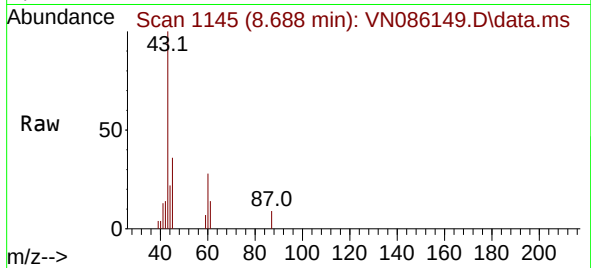




#43
Isopropyl Acetate
Concen: 6.095 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

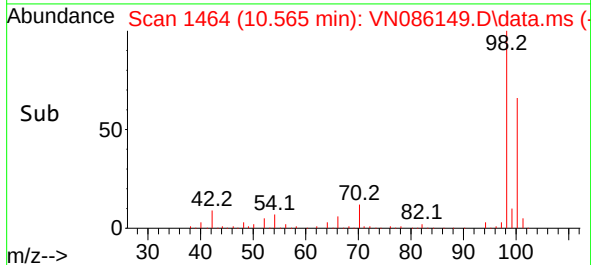
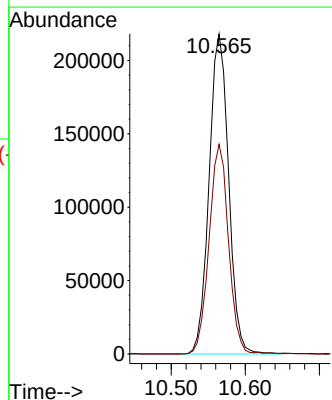
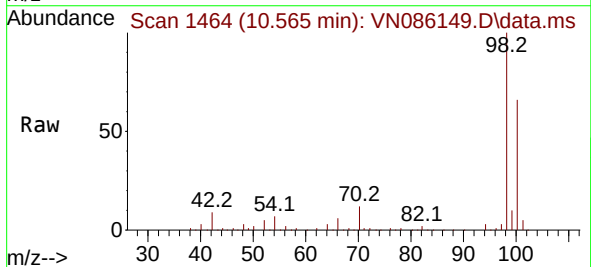
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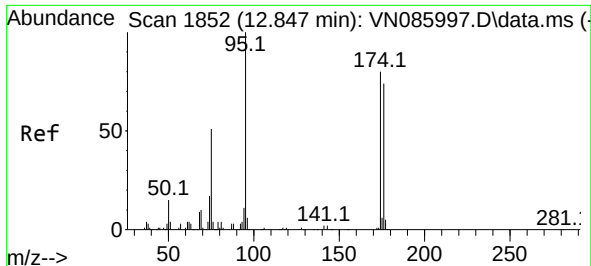
Tgt Ion: 43 Resp: 31727
Ion Ratio Lower Upper
43 100
61 8.2 25.0 37.6#
87 4.9 13.0 19.4#



#50
Toluene-d8
Concen: 50.815 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

Tgt Ion: 98 Resp: 398798
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

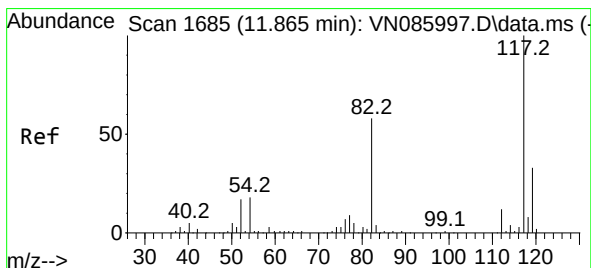
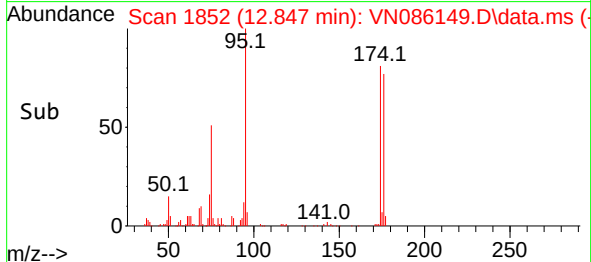
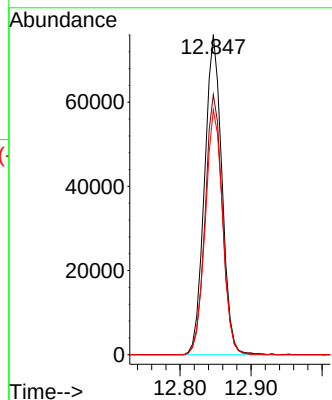
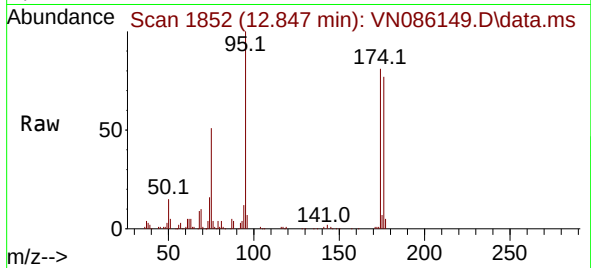




#62
4-Bromofluorobenzene
Concen: 46.191 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

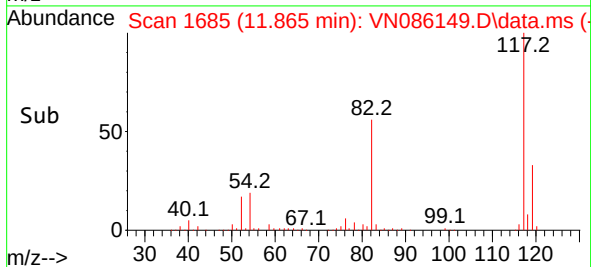
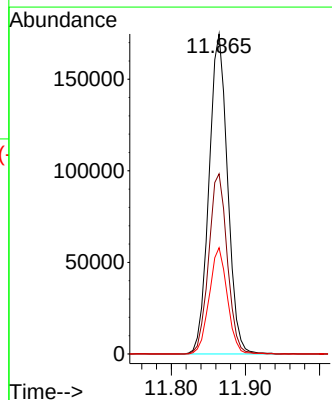
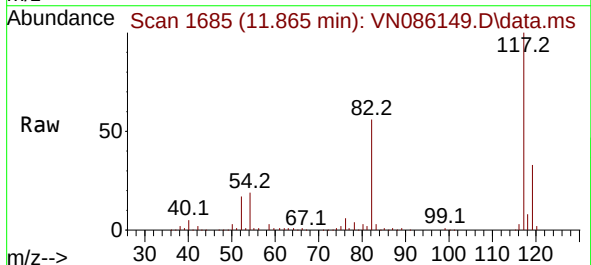
Instrument :
MSVOA_N
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TP-7

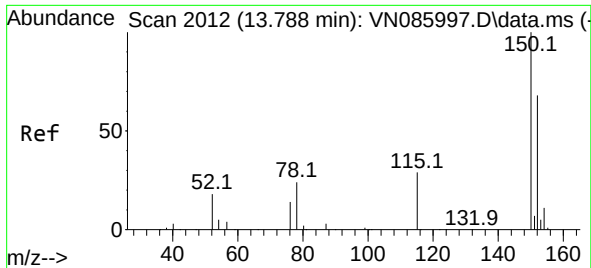
Tgt Ion: 95 Resp: 129282
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 76.6 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086149.D
Acq: 28 Mar 2025 14:42

Tgt Ion: 117 Resp: 303763
Ion Ratio Lower Upper
117 100
82 56.3 46.7 70.1
119 33.2 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: VN086149.D

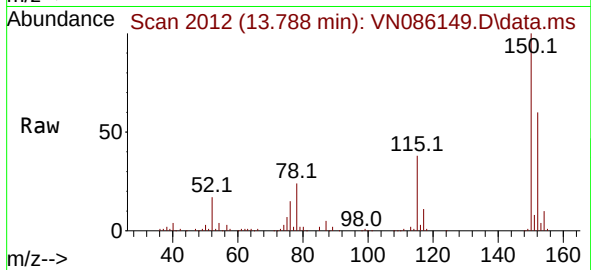
Acq: 28 Mar 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

TP-7



Tgt Ion:152 Resp: 114304

Ion Ratio Lower Upper

152 100

115 60.5 31.1 93.2

150 158.5 0.0 359.6

