

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086148.D
 Acq On : 28 Mar 2025 14:18
 Operator : JC\MD
 Sample : Q1648-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: Mar 28 14:33:12 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)

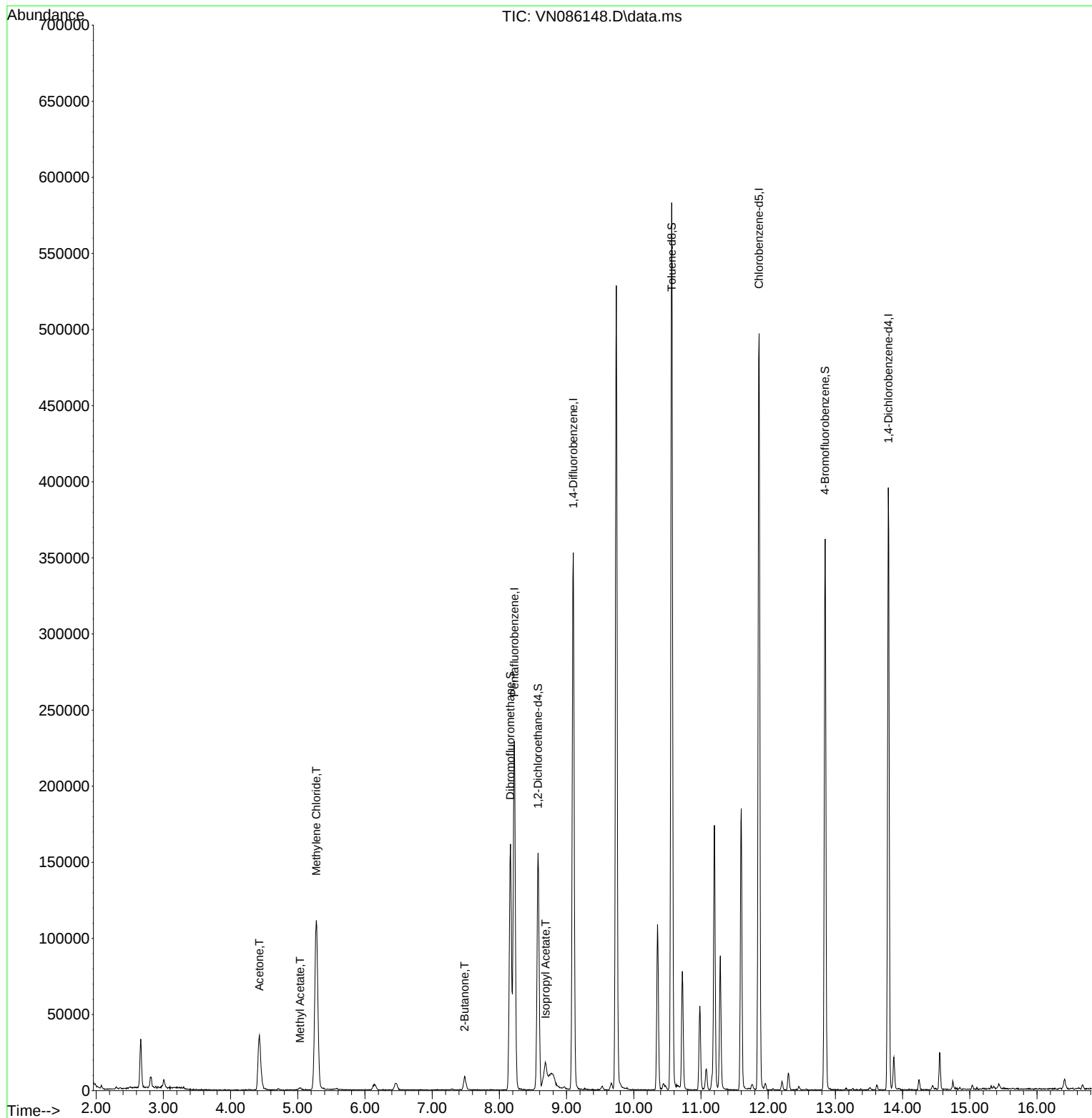
Internal Standards						
1) Pentafluorobenzene	8.224	168	168493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128063	55.505	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.000%
35) Dibromofluoromethane	8.165	113	115372	52.888	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.780%
50) Toluene-d8	10.565	98	414242	52.322	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.847	95	128210	45.408	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.820%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	65742	93.266	ug/l	98
18) Methyl Acetate	5.036	43	2937	1.684	ug/l #	73
20) Methylene Chloride	5.277	84	94123	45.645	ug/l	95
25) 2-Butanone	7.483	43	14230	13.991	ug/l	95
43) Isopropyl Acetate	8.688	43	25959	4.943	ug/l #	66

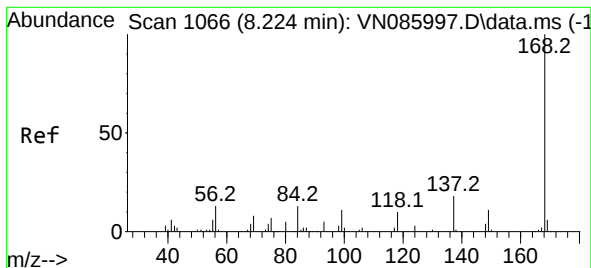
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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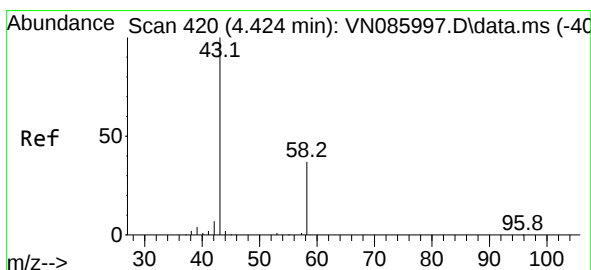
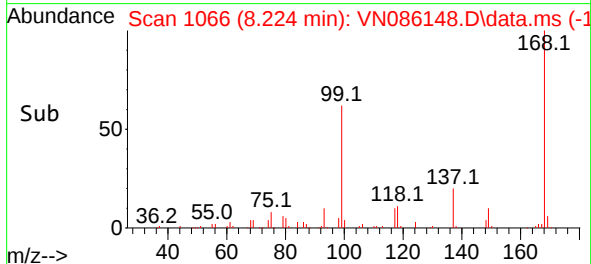
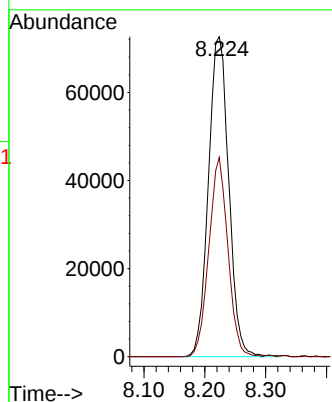
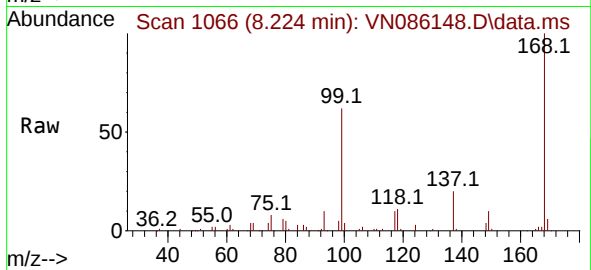




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

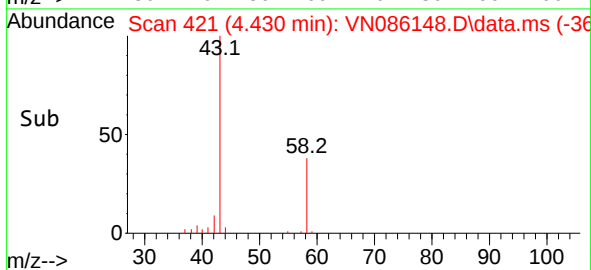
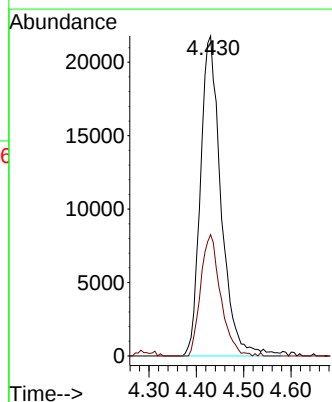
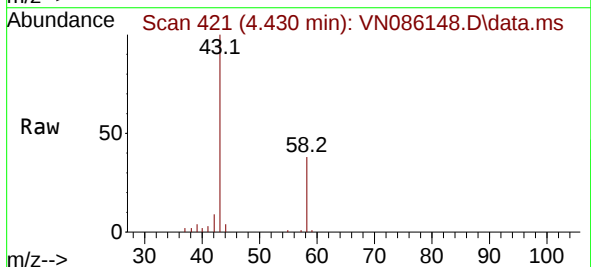
Instrument :
MSVOA_N
ClientSampleId :
TP-6

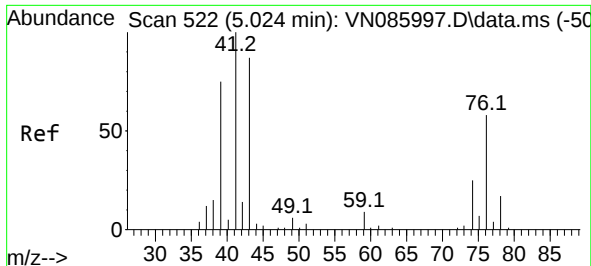
Tgt Ion:168 Resp: 168493
Ion Ratio Lower Upper
168 100
99 62.3 49.4 74.2



#16
Acetone
Concen: 93.266 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

Tgt Ion: 43 Resp: 65742
Ion Ratio Lower Upper
43 100
58 37.9 29.4 44.2

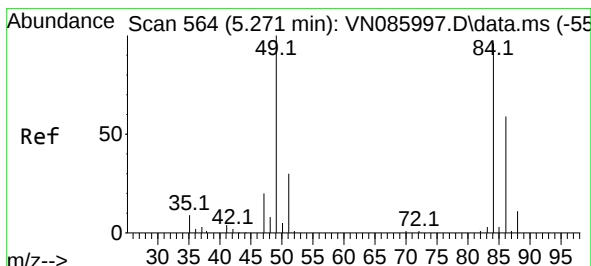
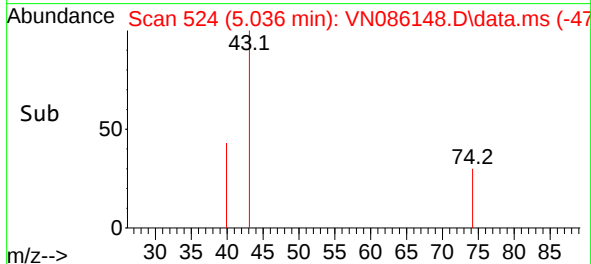
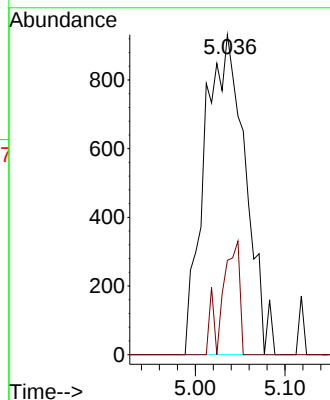
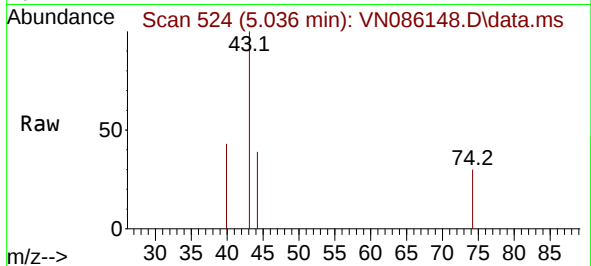




#18
Methyl Acetate
Concen: 1.684 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

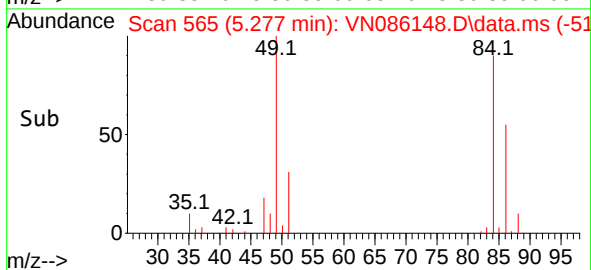
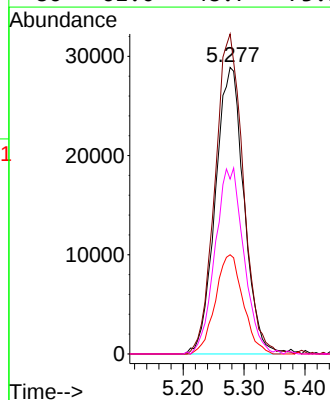
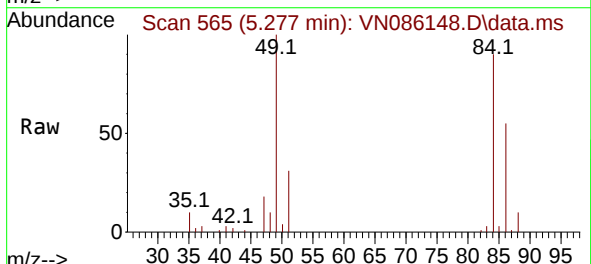
Instrument :
MSVOA_N
ClientSampleId :
TP-6

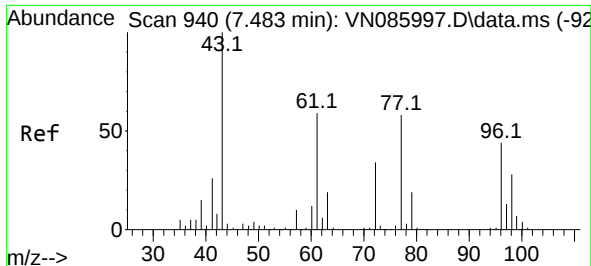
Tgt Ion: 43 Resp: 2937
Ion Ratio Lower Upper
43 100
74 15.2 23.9 35.9#



#20
Methylene Chloride
Concen: 45.645 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

Tgt Ion: 84 Resp: 94123
Ion Ratio Lower Upper
84 100
49 111.7 83.3 124.9
51 34.6 24.8 37.2
86 61.0 48.7 73.1

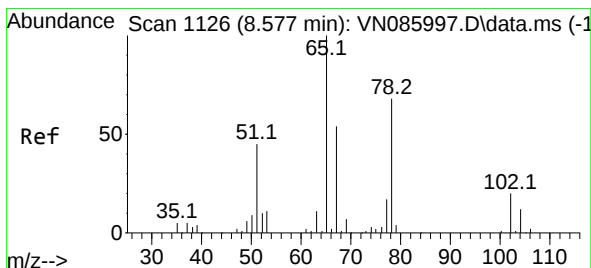
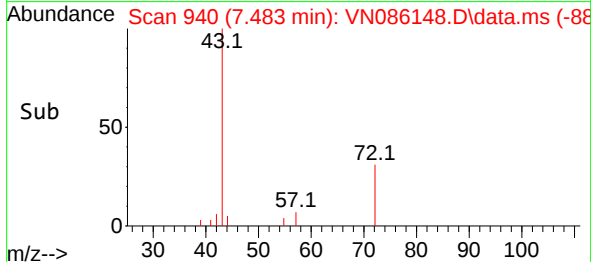
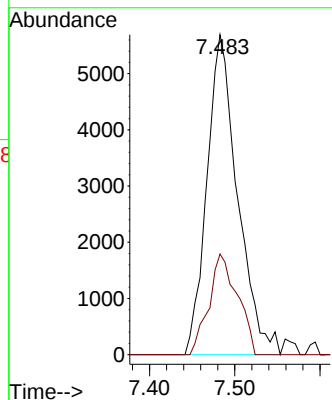
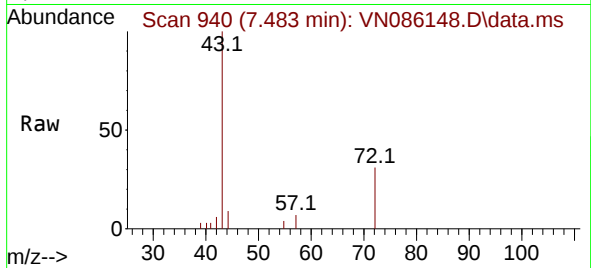




#25
2-Butanone
Concen: 13.991 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

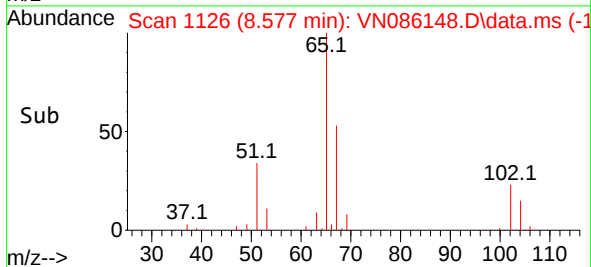
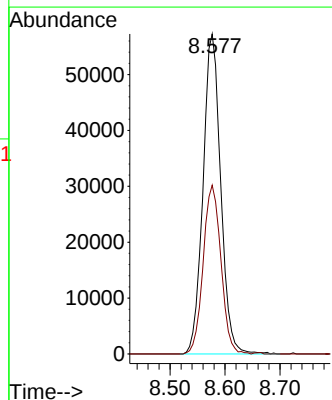
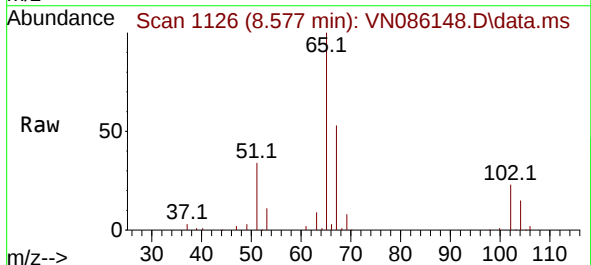
Instrument :
MSVOA_N
ClientSampleId :
TP-6

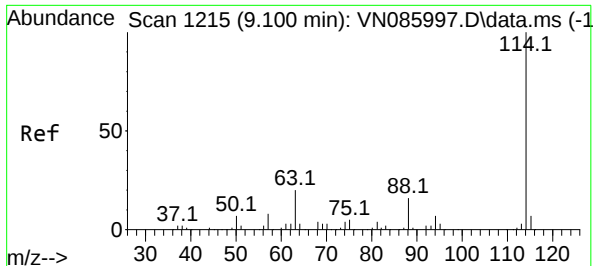
Tgt Ion: 43 Resp: 14230
Ion Ratio Lower Upper
43 100
72 31.4 27.4 41.0



#33
1,2-Dichloroethane-d4
Concen: 55.505 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

Tgt Ion: 65 Resp: 128063
Ion Ratio Lower Upper
65 100
67 52.8 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: VN086148.D

Acq: 28 Mar 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

TP-6

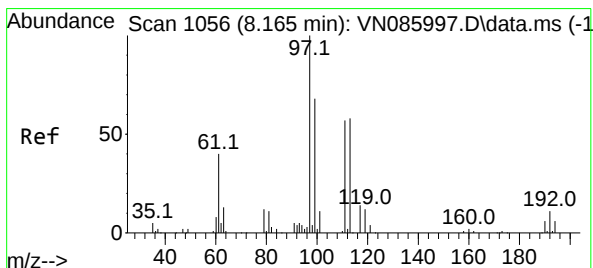
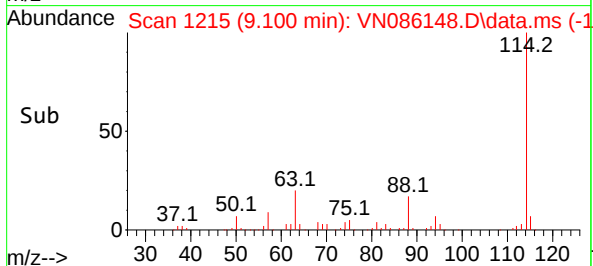
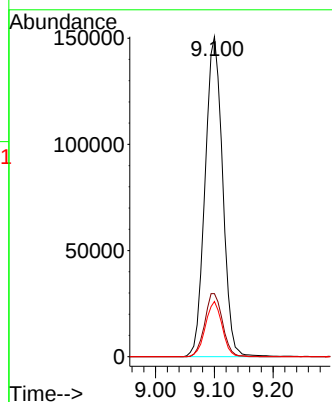
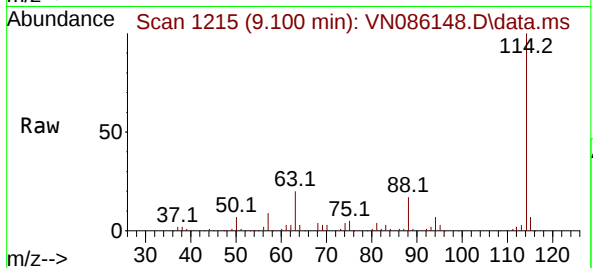
Tgt Ion:114 Resp: 312534

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.888 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086148.D

Acq: 28 Mar 2025 14:18

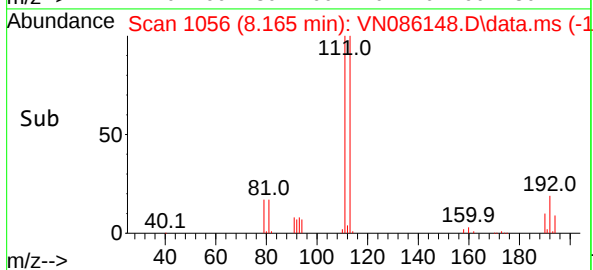
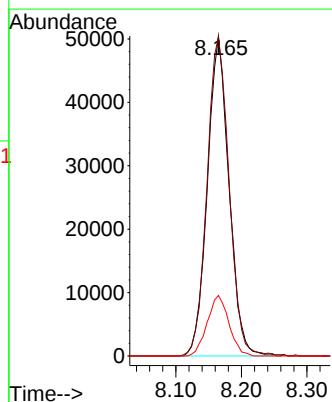
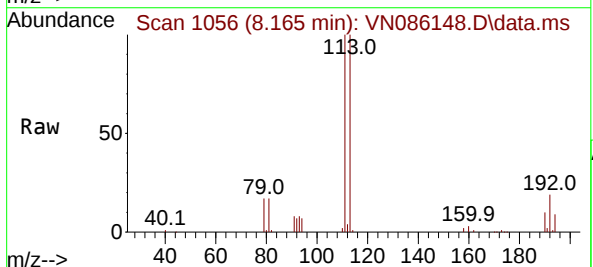
Tgt Ion:113 Resp: 115372

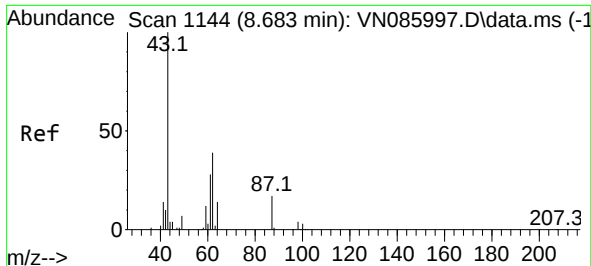
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 19.0 15.9 23.9





#43

Isopropyl Acetate

Concen: 4.943 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086148.D

Acq: 28 Mar 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

TP-6

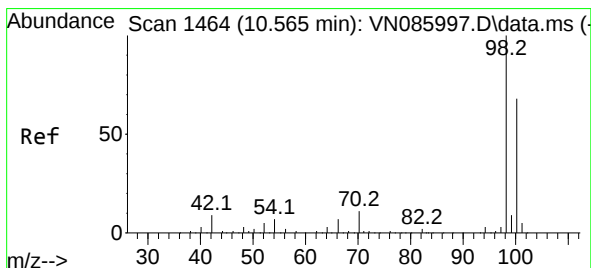
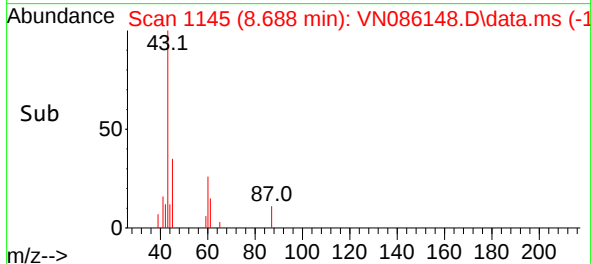
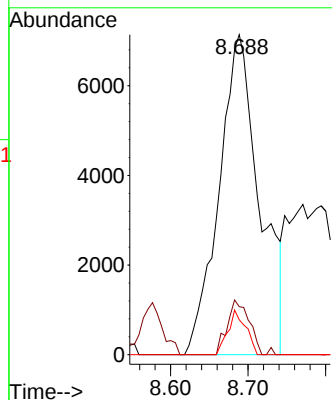
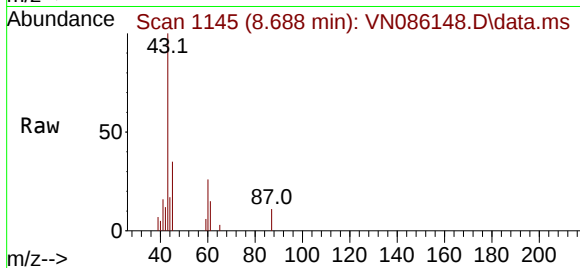
Tgt Ion: 43 Resp: 25959

Ion Ratio Lower Upper

43 100

61 9.2 25.0 37.6#

87 6.2 13.0 19.4#



#50

Toluene-d8

Concen: 52.322 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086148.D

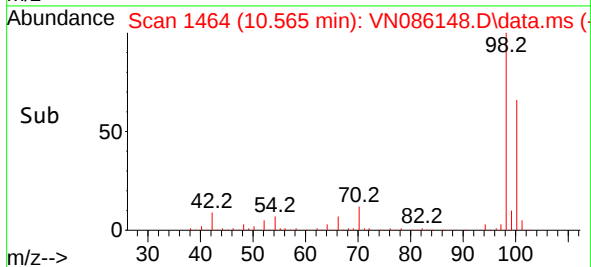
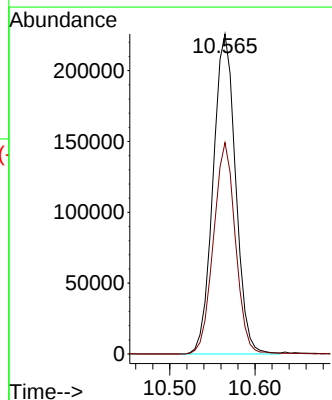
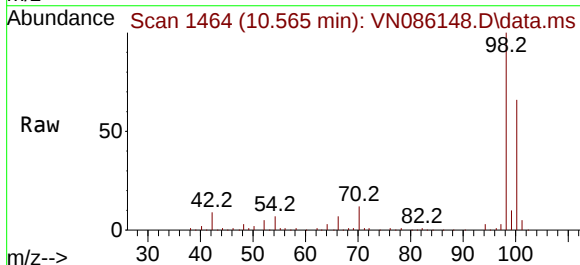
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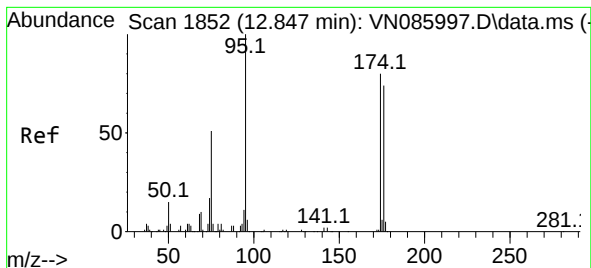
Tgt Ion: 98 Resp: 414242

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7

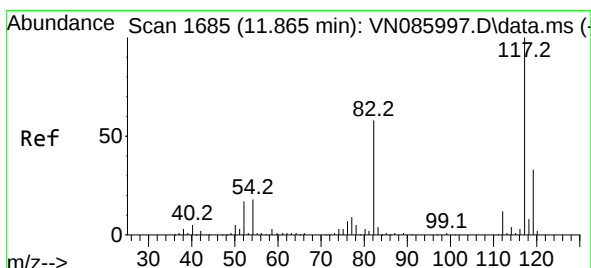
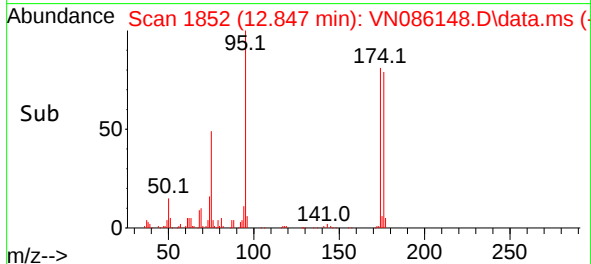
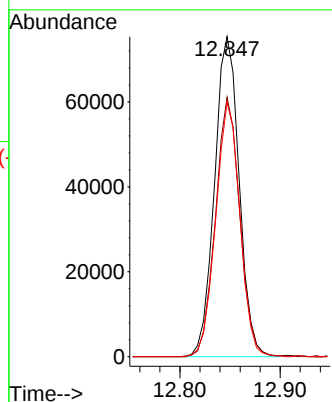
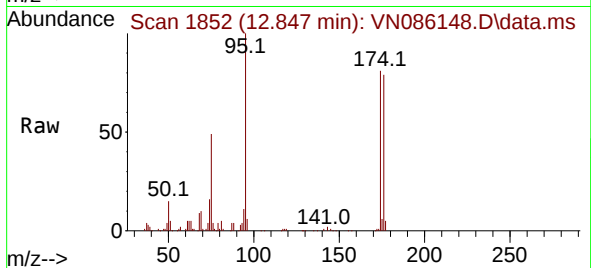




#62
4-Bromofluorobenzene
Concen: 45.408 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

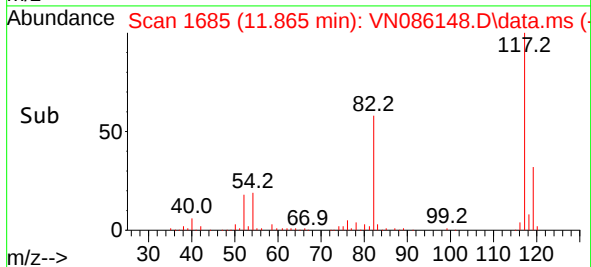
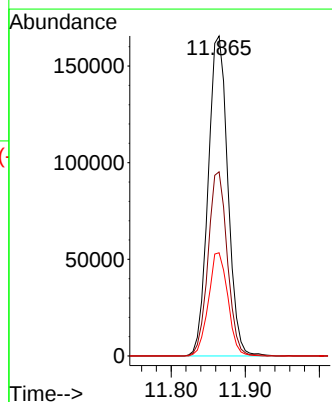
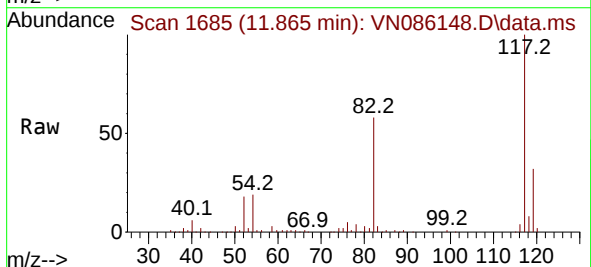
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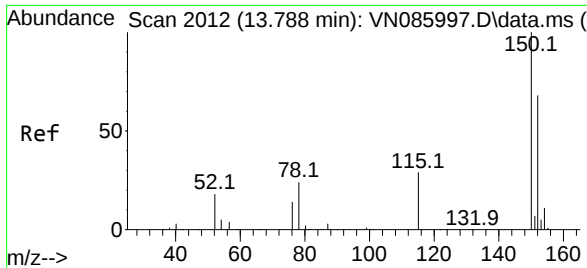
Tgt Ion: 95 Resp: 128210
Ion Ratio Lower Upper
95 100
174 80.2 0.0 156.8
176 78.0 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086148.D
Acq: 28 Mar 2025 14:18

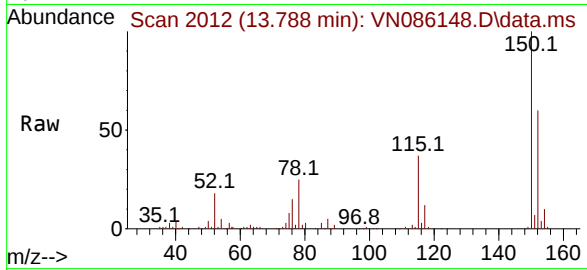
Tgt Ion: 117 Resp: 305113
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 32.3 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086148.D
 Acq: 28 Mar 2025 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6



Tgt Ion:152 Resp: 110531
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.1 93.2
 150 162.6 0.0 359.6

