

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086082.D
 Acq On : 24 Mar 2025 19:13
 Operator : JC\MD
 Sample : Q1619-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Mar 25 01:30:29 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)

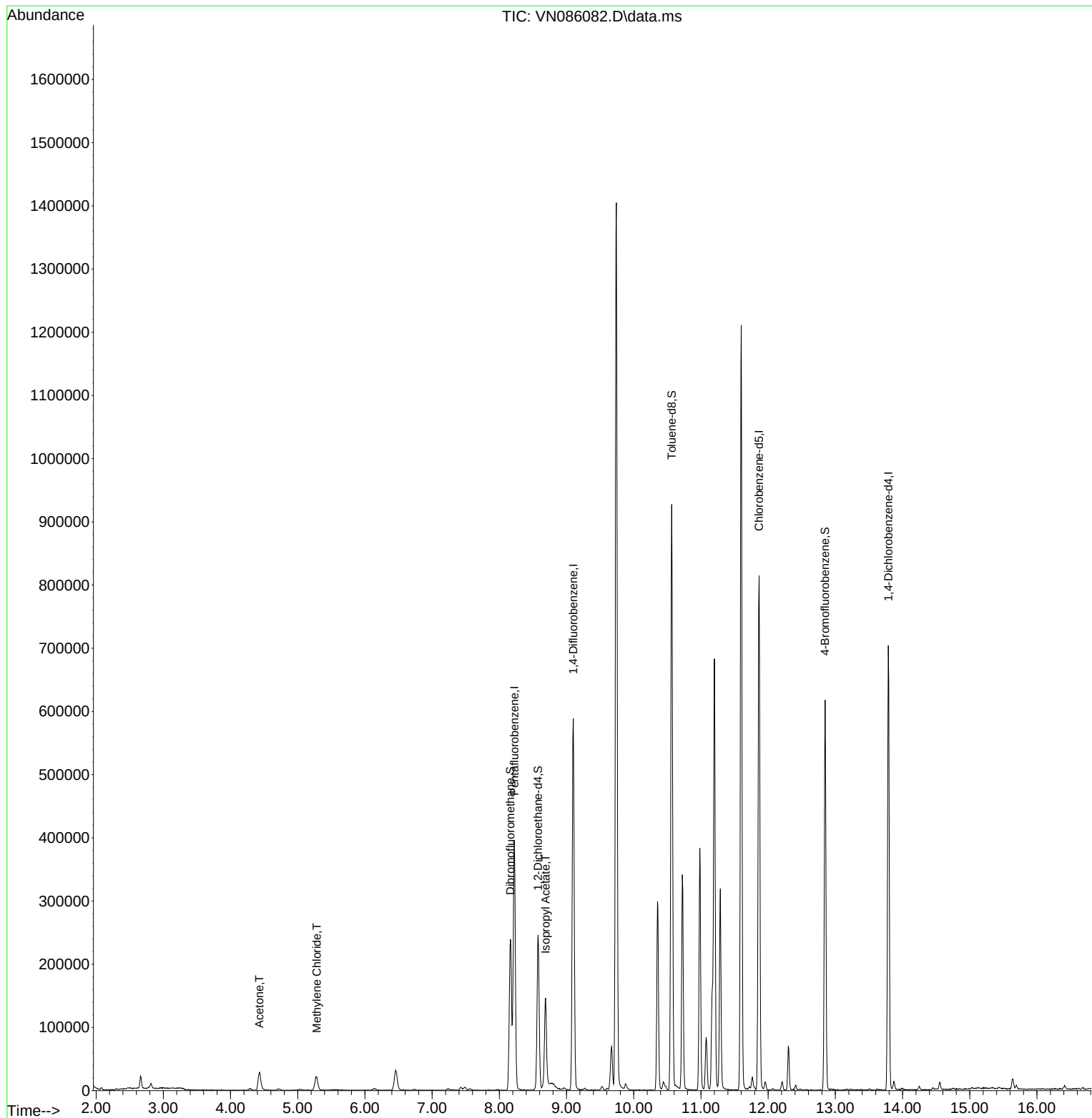
Internal Standards						
1) Pentafluorobenzene	8.224	168	293500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	534279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	495192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	201948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	203998	50.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.520%
35) Dibromofluoromethane	8.165	113	177366	47.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.565	98	662262	48.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.847	95	217089	44.976	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.960%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	54622	44.486	ug/l	94
20) Methylene Chloride	5.283	84	17254	4.803	ug/l	96
43) Isopropyl Acetate	8.688	43	166715	18.572	ug/l #	84

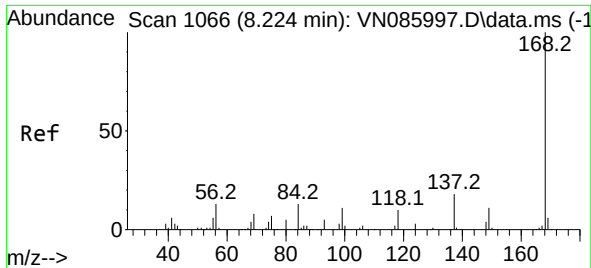
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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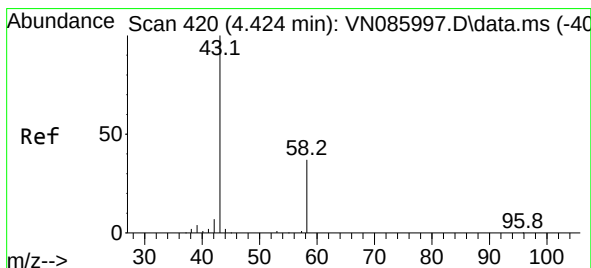
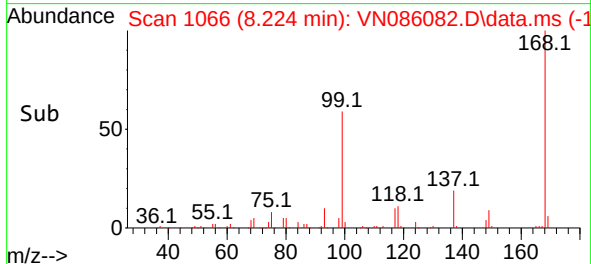
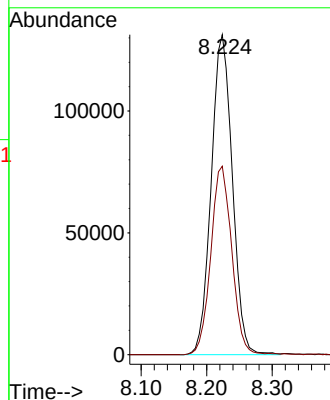
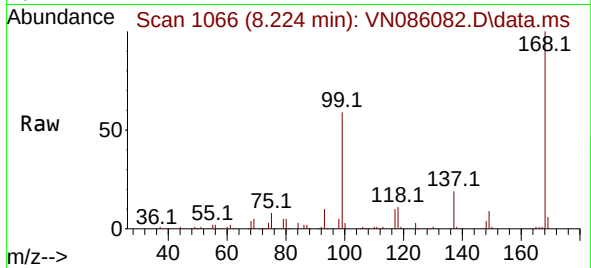




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

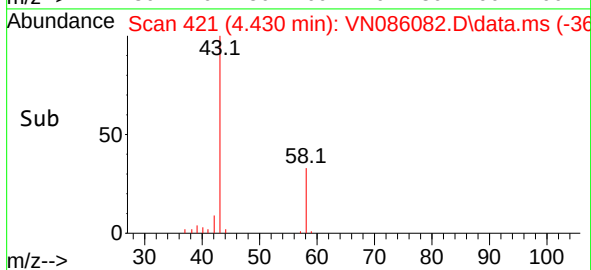
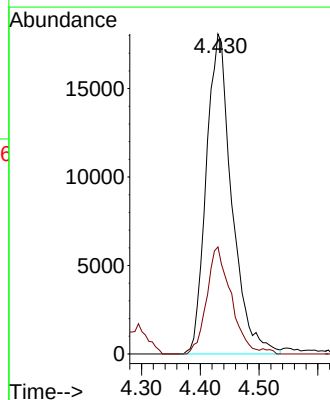
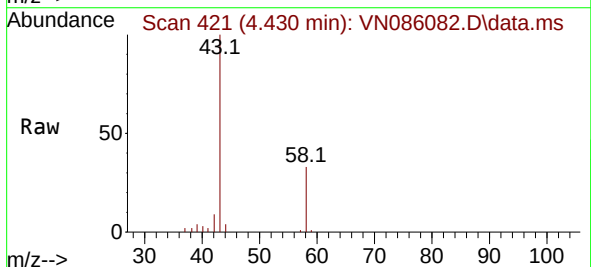
Instrument :
MSVOA_N
ClientSampleId :
TP-5

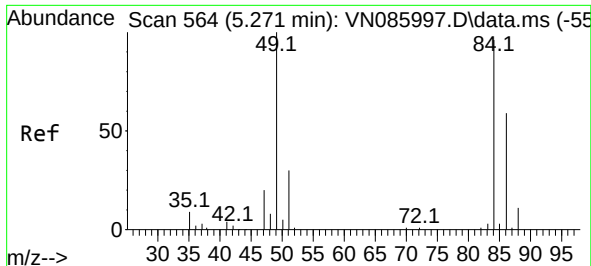
Tgt Ion:168 Resp: 293500
Ion Ratio Lower Upper
168 100
99 58.9 49.4 74.2



#16
Acetone
Concen: 44.486 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

Tgt Ion: 43 Resp: 54622
Ion Ratio Lower Upper
43 100
58 33.4 29.4 44.2

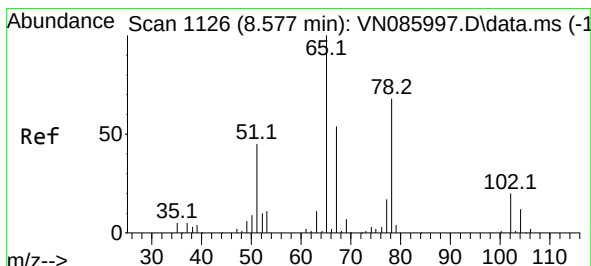
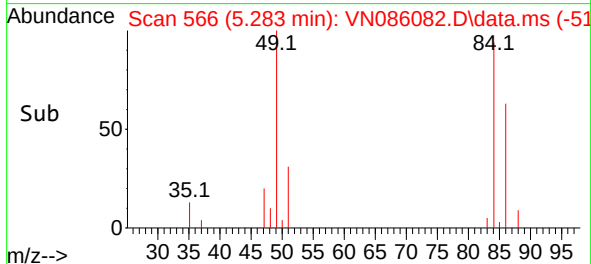
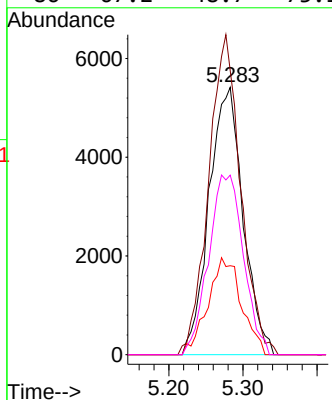
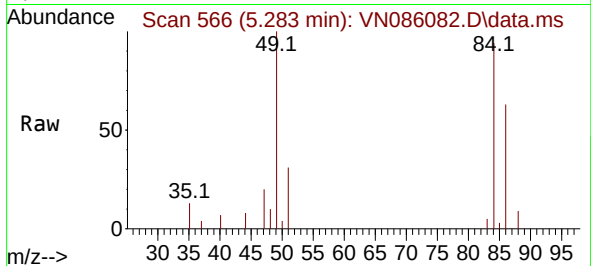




#20
Methylene Chloride
Concen: 4.803 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

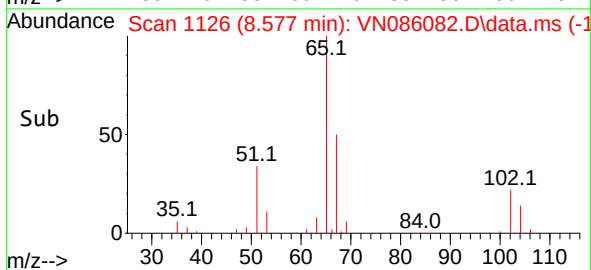
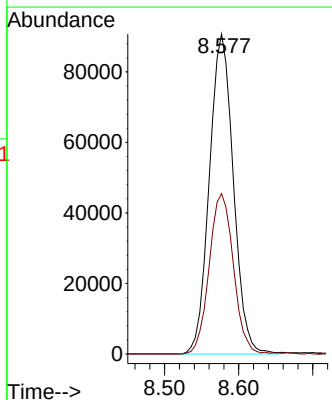
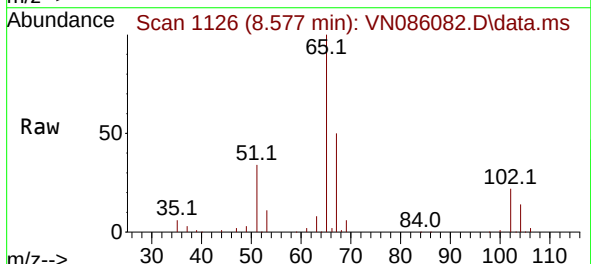
Instrument :
MSVOA_N
ClientSampleId :
TP-5

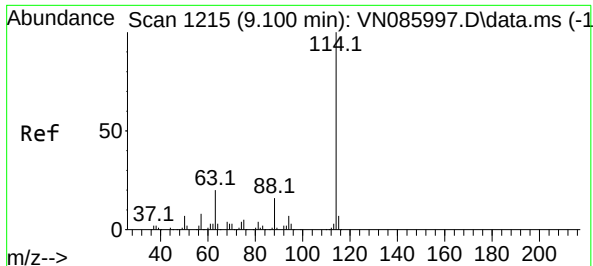
Tgt Ion: 84	Resp: 17254		
Ion	Ratio	Lower	Upper
84	100		
49	106.3	83.3	124.9
51	33.3	24.8	37.2
86	67.2	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 50.758 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

Tgt Ion: 65	Resp: 203998
Ion Ratio	Lower Upper
65 100	
67 50.6	0.0 102.2

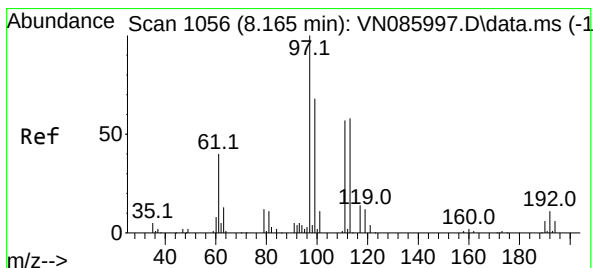
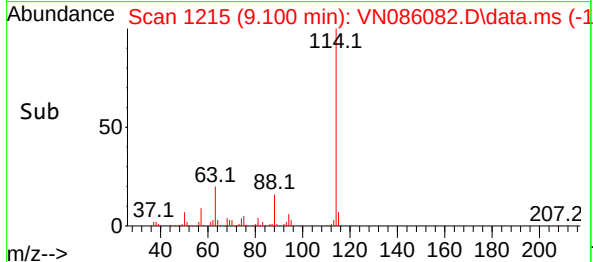
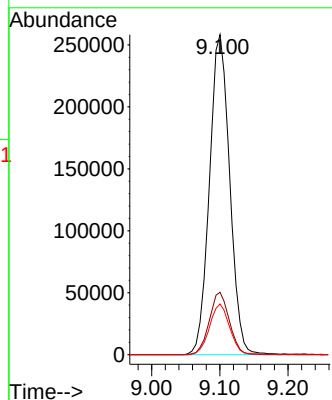
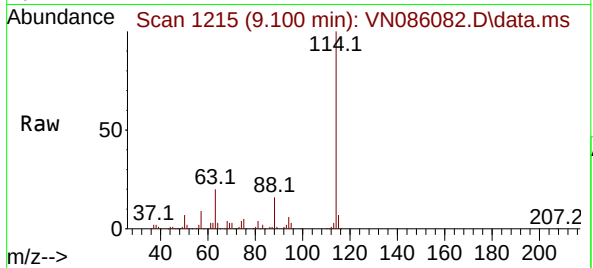




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

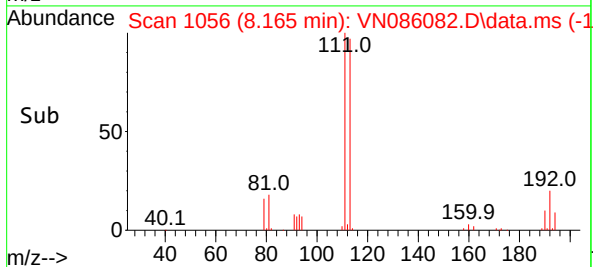
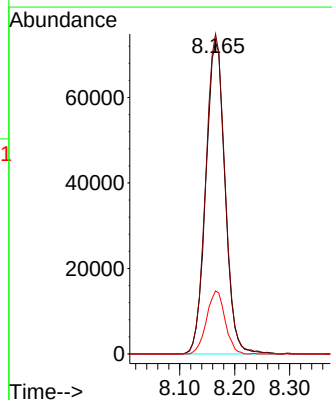
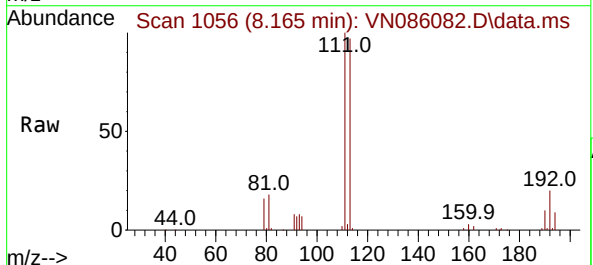
Instrument :
MSVOA_N
ClientSampleId :
TP-5

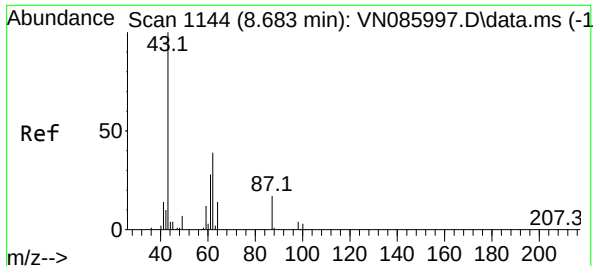
Tgt Ion:114 Resp: 534279
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.561 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

Tgt Ion:113 Resp: 177366
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 19.4 15.9 23.9





#43

Isopropyl Acetate

Concen: 18.572 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN086082.D

Acq: 24 Mar 2025 19:13

Instrument :

MSVOA_N

ClientSampleId :

TP-5

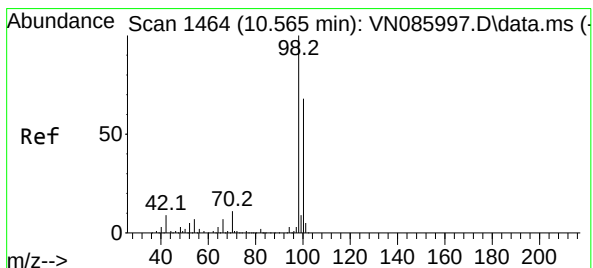
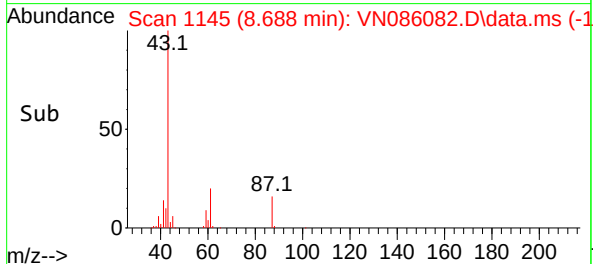
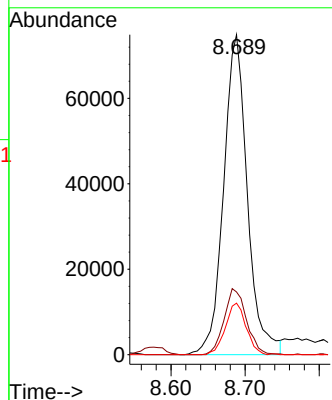
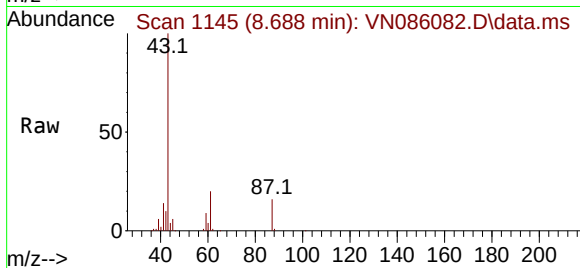
Tgt Ion: 43 Resp: 166715

Ion Ratio Lower Upper

43 100

61 19.5 25.0 37.6#

87 14.1 13.0 19.4



#50

Toluene-d8

Concen: 48.932 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086082.D

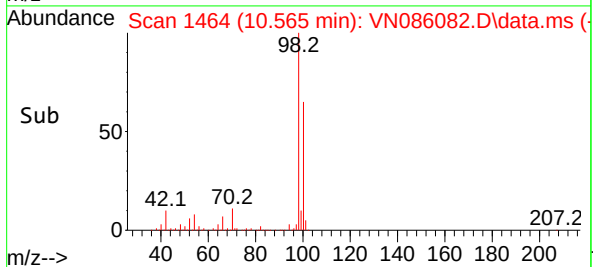
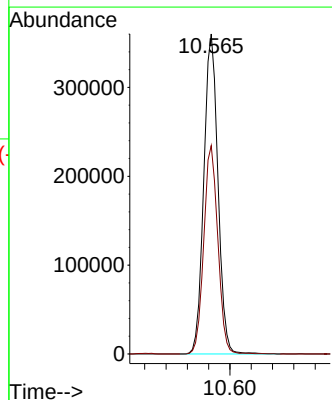
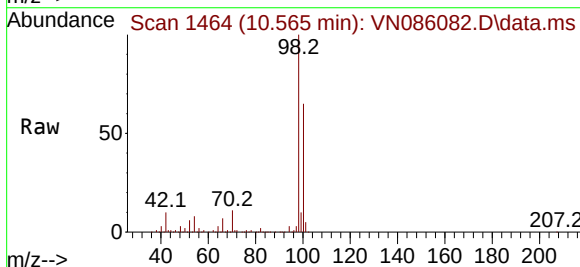
Acq: 24 Mar 2025 19:13

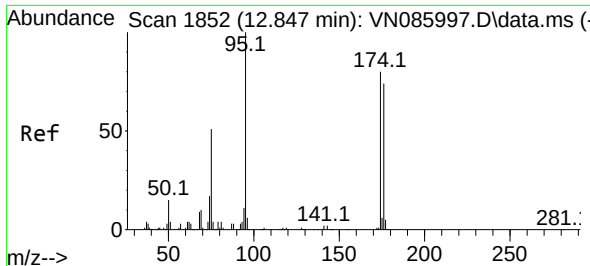
Tgt Ion: 98 Resp: 662262

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7

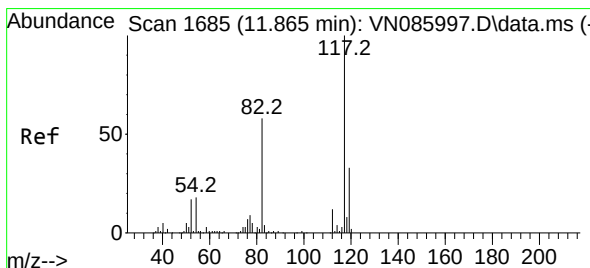
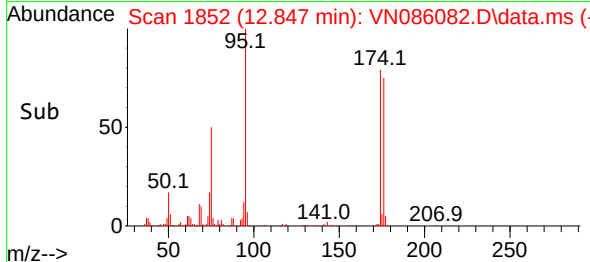
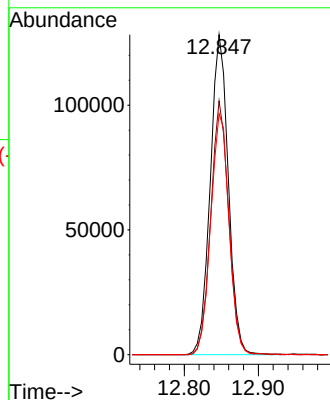
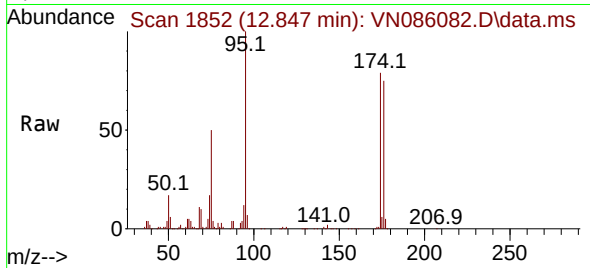




#62
4-Bromofluorobenzene
Concen: 44.976 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

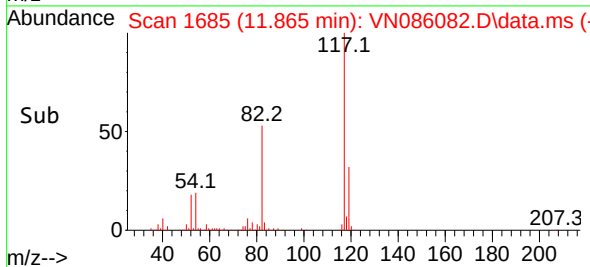
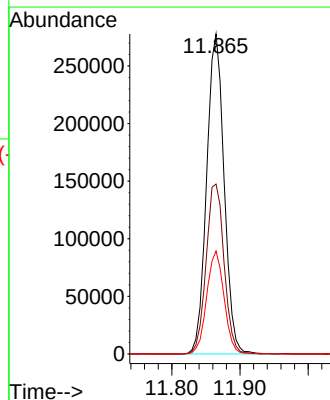
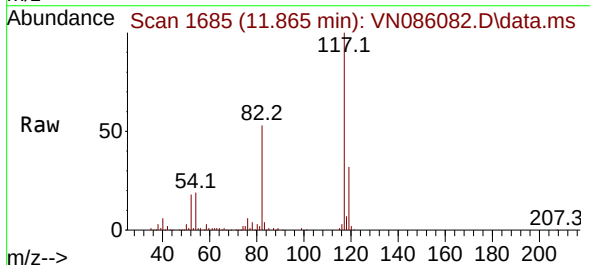
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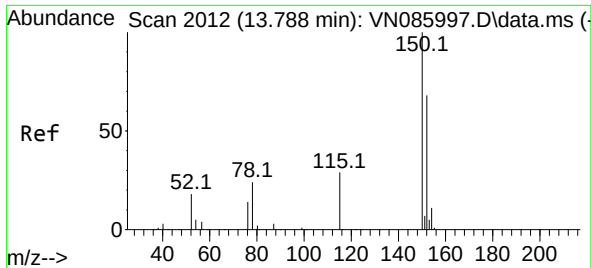
Tgt Ion: 95 Resp: 217089
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.8
176 76.1 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086082.D
Acq: 24 Mar 2025 19:13

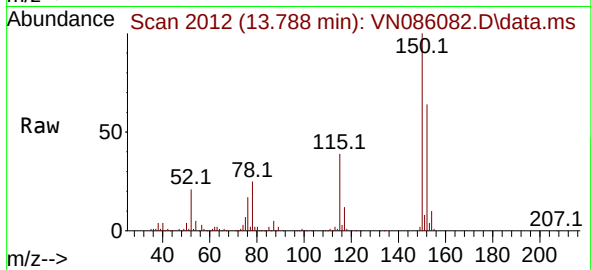
Tgt Ion: 117 Resp: 495192
Ion Ratio Lower Upper
117 100
82 53.1 46.7 70.1
119 32.2 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086082.D
 Acq: 24 Mar 2025 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5



Tgt Ion:152 Resp: 201948
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.2
 150 157.9 0.0 359.6

