

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086047.D
 Acq On : 21 Mar 2025 18:06
 Operator : JC\MD
 Sample : PB167234ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#07

Quant Time: Mar 21 23:02:04 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)

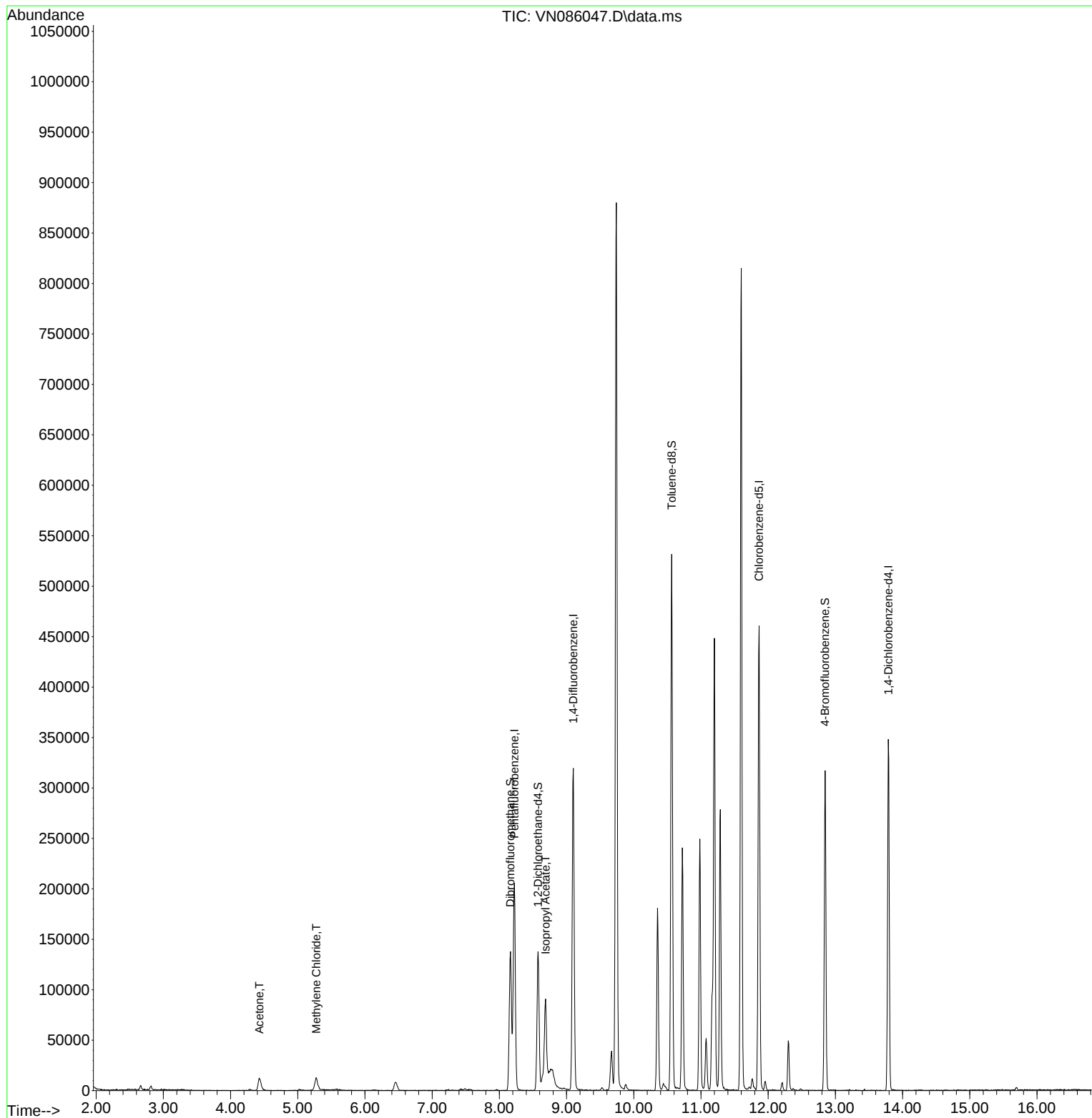
Internal Standards						
1) Pentafluorobenzene	8.224	168	148357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115650	56.928	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.860%
35) Dibromofluoromethane	8.165	113	98199	50.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	10.565	98	366454	51.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.847	95	109966	43.662	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.320%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	23000	37.058	ug/l	89
20) Methylene Chloride	5.277	84	10251	5.646	ug/l	97
43) Isopropyl Acetate	8.688	43	109803	23.442	ug/l #	80

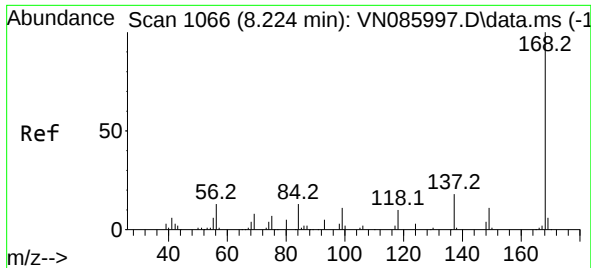
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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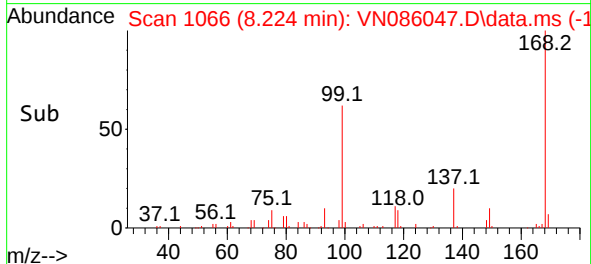
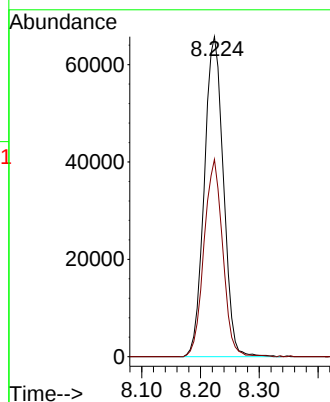
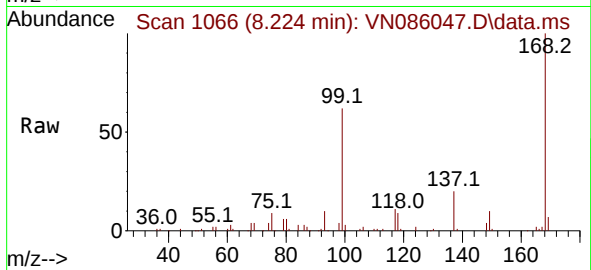




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086047.D
Acq: 21 Mar 2025 18:06

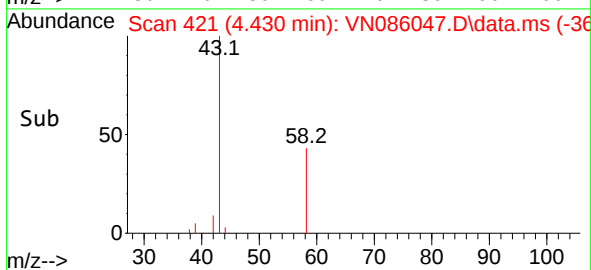
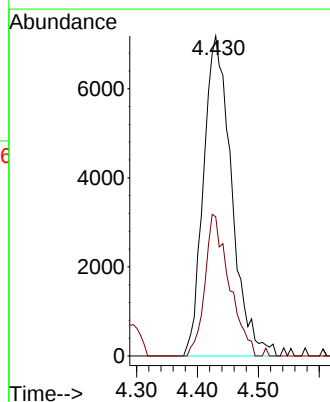
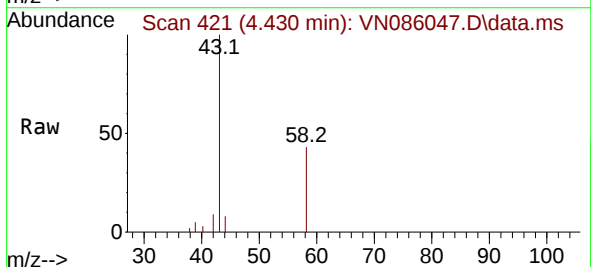
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#07

Tgt Ion:168 Resp: 148357
Ion Ratio Lower Upper
168 100
99 61.6 49.4 74.2



#16
Acetone
Concen: 37.058 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086047.D
Acq: 21 Mar 2025 18:06

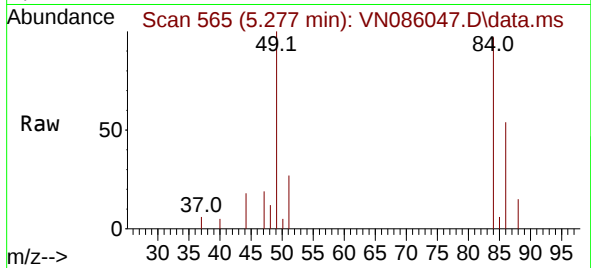
Tgt Ion: 43 Resp: 23000
Ion Ratio Lower Upper
43 100
58 43.5 29.4 44.2



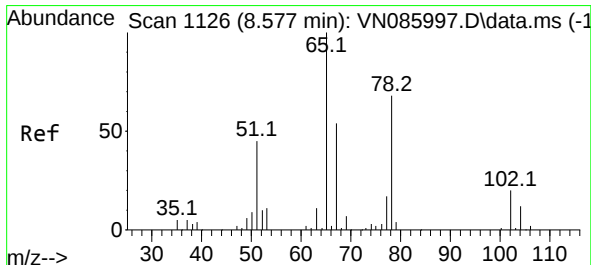
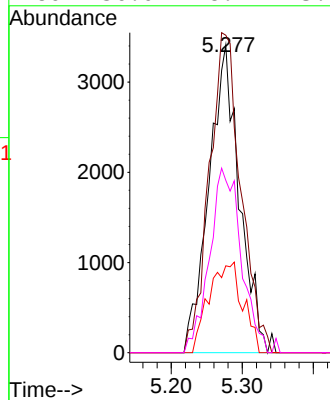
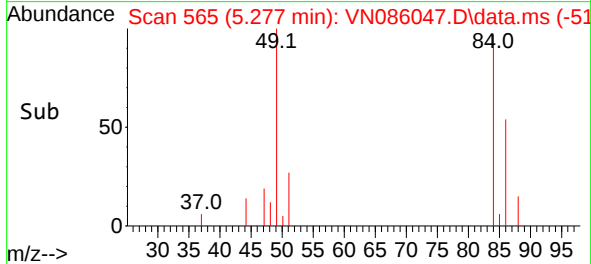


#20
Methylene Chloride
Concen: 5.646 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086047.D
Acq: 21 Mar 2025 18:06

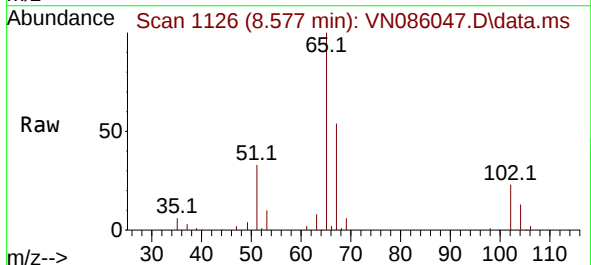
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#07



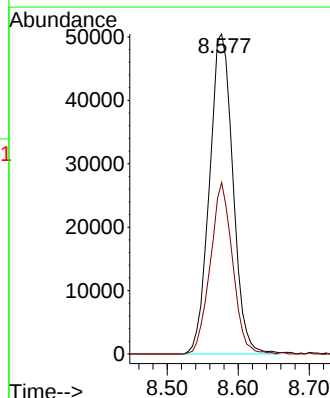
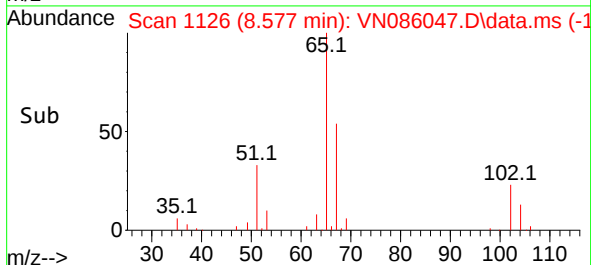
Tgt Ion: 84	Resp: 10251
Ion Ratio	Lower Upper
84 100	
49 103.1	83.3 124.9
51 28.2	24.8 37.2
86 56.0	48.7 73.1

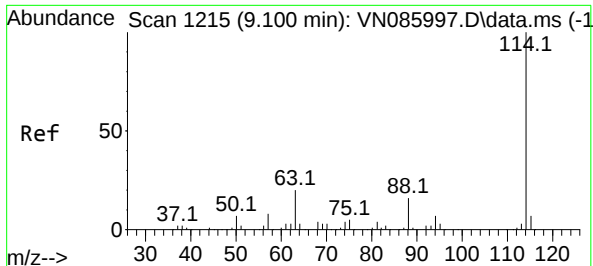


#33
1,2-Dichloroethane-d4
Concen: 56.928 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086047.D
Acq: 21 Mar 2025 18:06



Tgt Ion: 65	Resp: 115650
Ion Ratio	Lower Upper
65 100	
67 50.8	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: VN086047.D

Acq: 21 Mar 2025 18:06

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#07

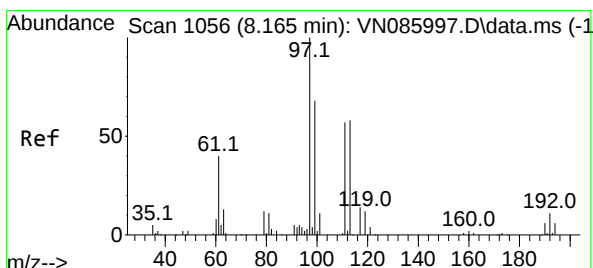
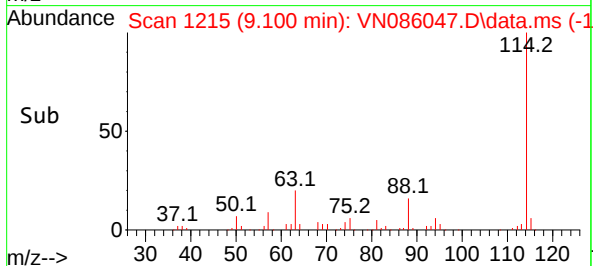
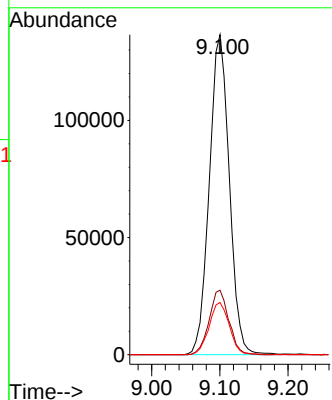
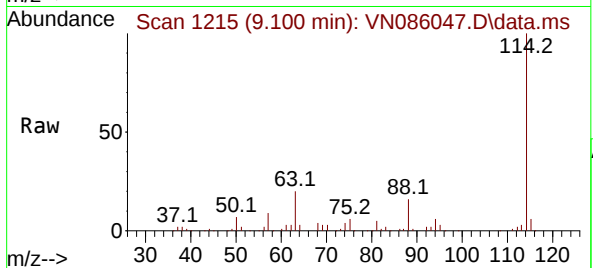
Tgt Ion:114 Resp: 278785

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.465 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086047.D

Acq: 21 Mar 2025 18:06

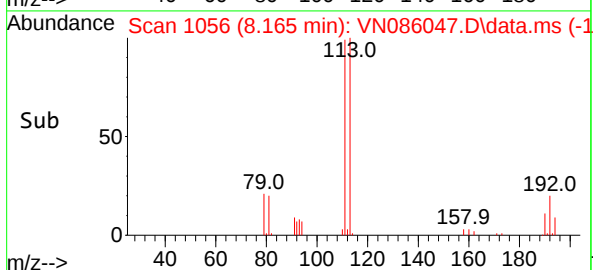
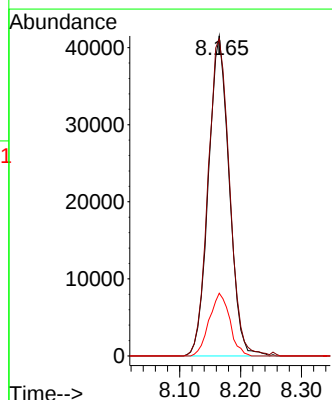
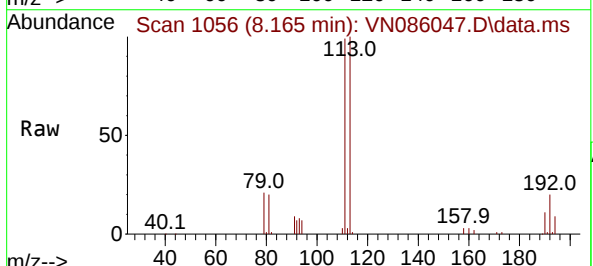
Tgt Ion:113 Resp: 98199

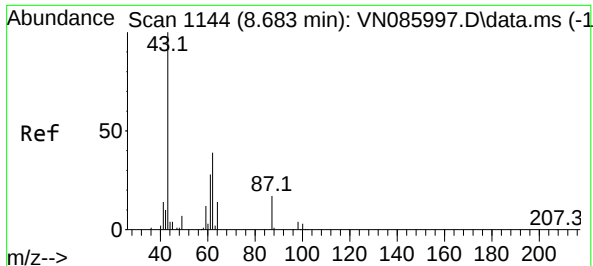
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 19.4 15.9 23.9





#43

Isopropyl Acetate

Concen: 23.442 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086047.D

Acq: 21 Mar 2025 18:06

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#07

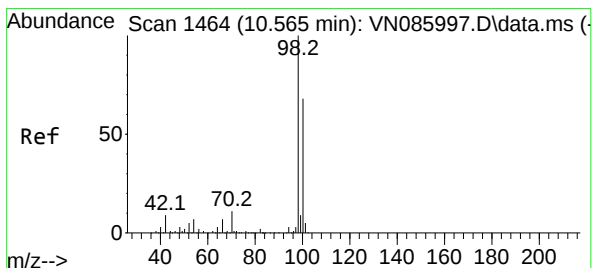
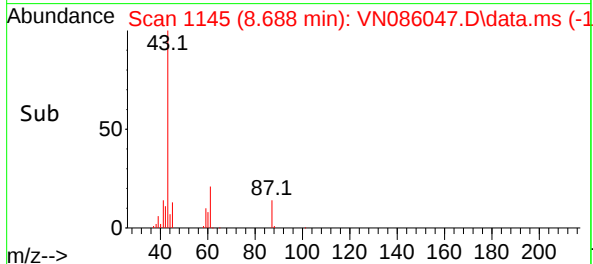
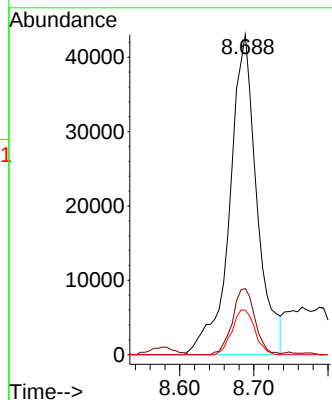
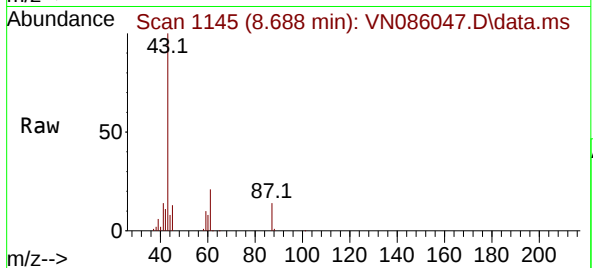
Tgt Ion: 43 Resp: 109803

Ion Ratio Lower Upper

43 100

61 17.2 25.0 37.6#

87 11.7 13.0 19.4#



#50

Toluene-d8

Concen: 51.889 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086047.D

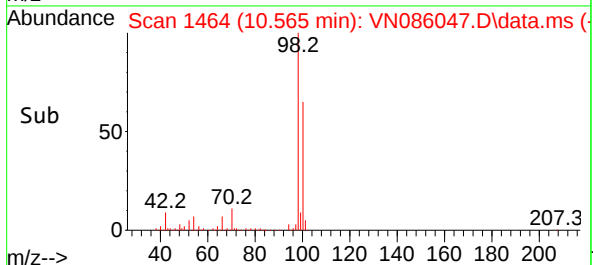
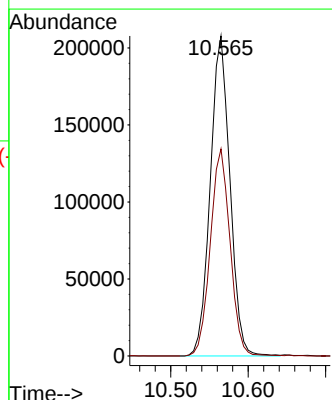
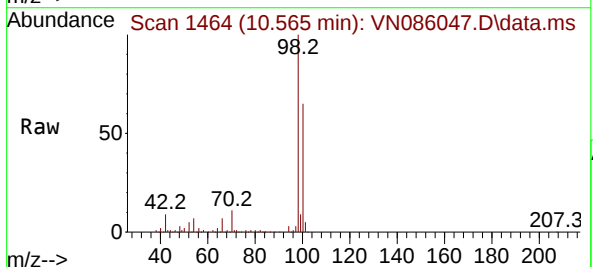
Acq: 21 Mar 2025 18:06

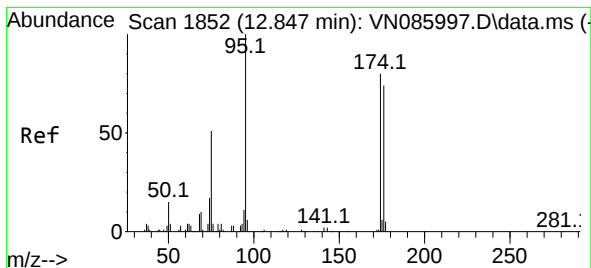
Tgt Ion: 98 Resp: 366454

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7

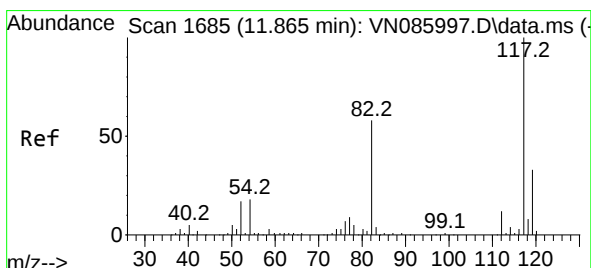
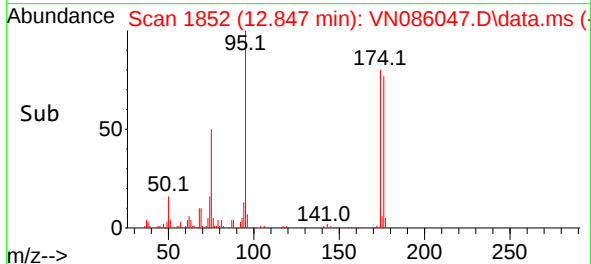
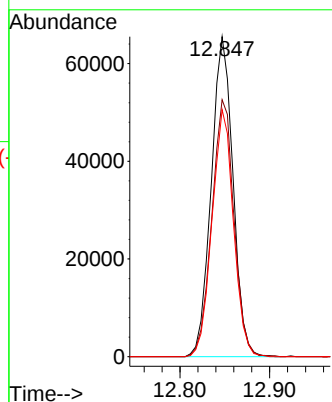
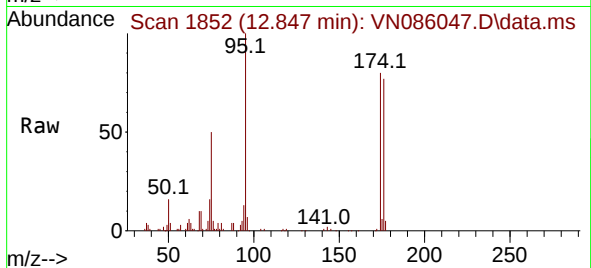




#62
4-Bromofluorobenzene
Concen: 43.662 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086047.D
Acq: 21 Mar 2025 18:06

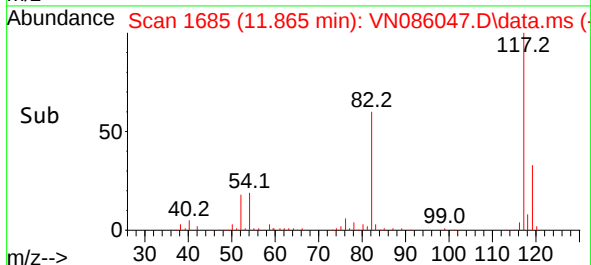
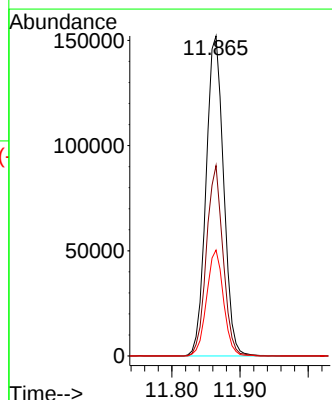
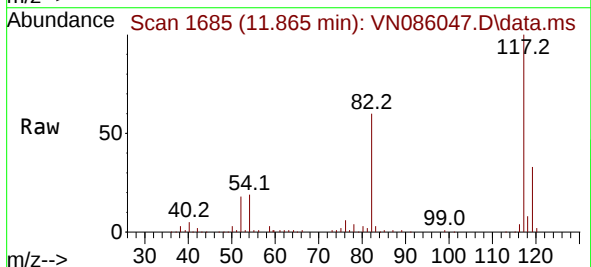
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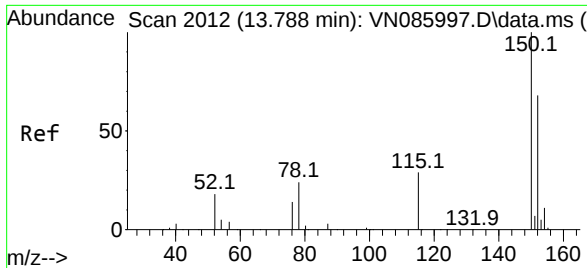
Tgt Ion: 95 Resp: 109966
Ion Ratio Lower Upper
95 100
174 82.1 0.0 156.8
176 76.4 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086047.D
Acq: 21 Mar 2025 18:06

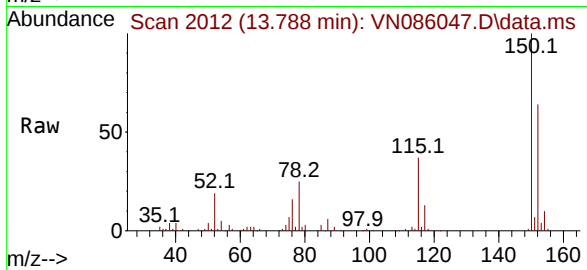
Tgt Ion: 117 Resp: 272745
Ion Ratio Lower Upper
117 100
82 59.5 46.7 70.1
119 33.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086047.D
 Acq: 21 Mar 2025 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#07



Tgt Ion:152 Resp: 99627
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.1 93.2
 150 158.3 0.0 359.6

