

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086126.D
 Acq On : 26 Mar 2025 15:11
 Operator : JC\MD
 Sample : Q1632-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PIER-1-2RE

Quant Time: Mar 27 01:38:28 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)

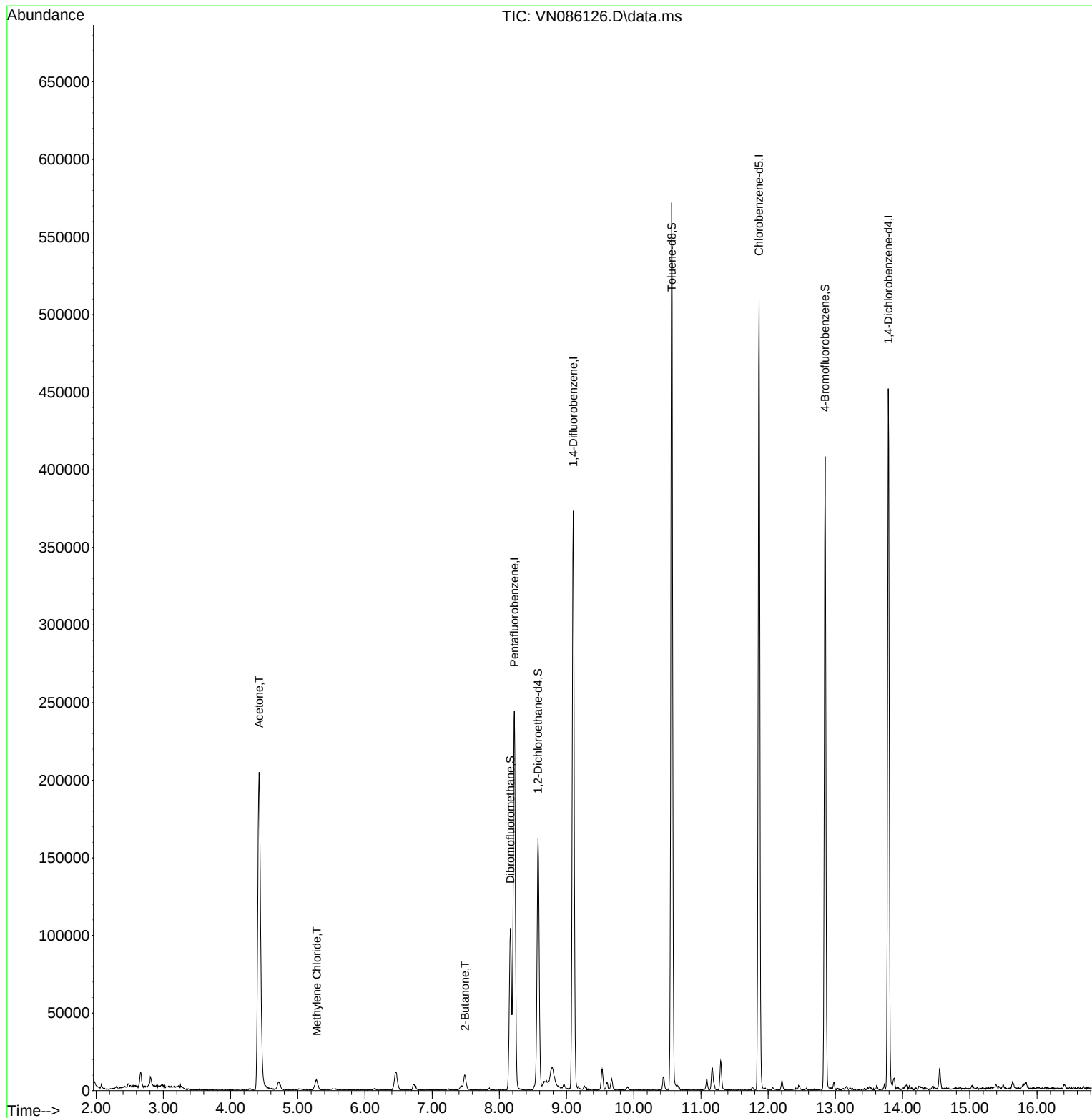
Internal Standards						
1) Pentafluorobenzene	8.224	168	178315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135204	55.372	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.740%	
35) Dibromofluoromethane	8.165	113	75274	32.780	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	65.560%#	
50) Toluene-d8	10.565	98	403370	48.400	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.800%	
62) 4-Bromofluorobenzene	12.847	95	142831	48.056	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.120%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	377367	505.871	ug/l	100
20) Methylene Chloride	5.283	84	5496	2.518	ug/l	92
25) 2-Butanone	7.488	43	16366	15.204	ug/l #	87

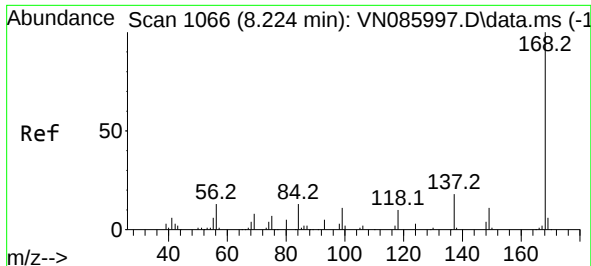
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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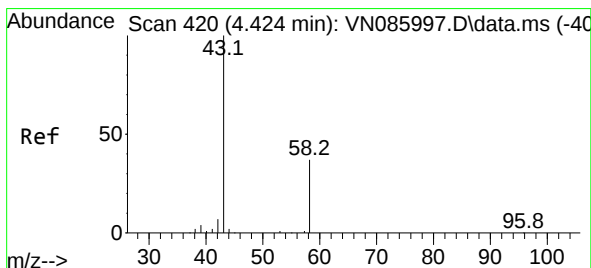
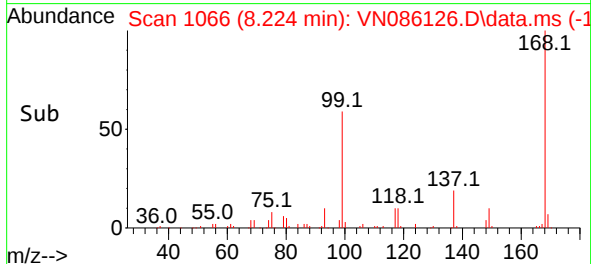
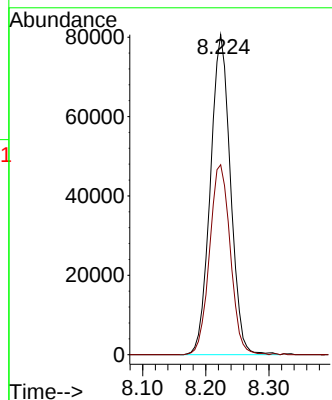
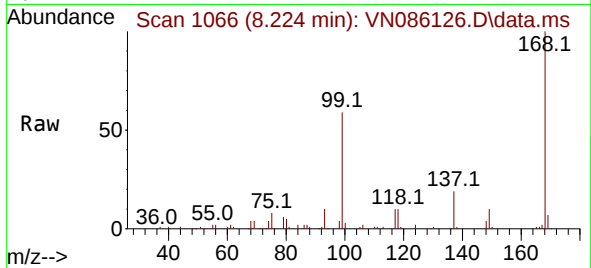




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086126.D
Acq: 26 Mar 2025 15:11

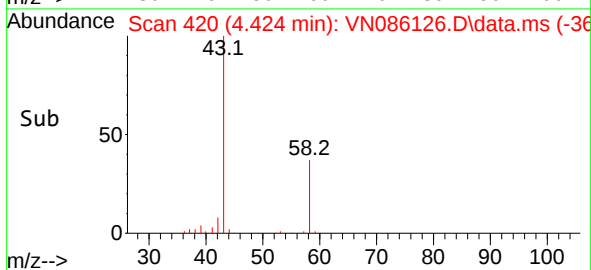
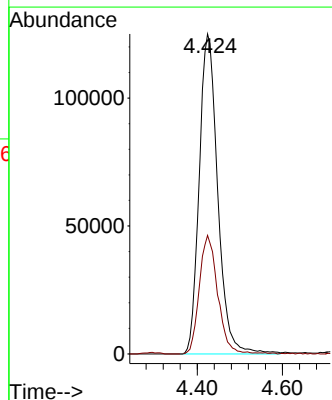
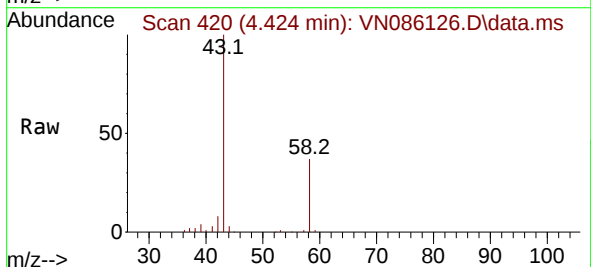
Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2RE

Tgt Ion:168 Resp: 178315
Ion Ratio Lower Upper
168 100
99 59.3 49.4 74.2



#16
Acetone
Concen: 505.871 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086126.D
Acq: 26 Mar 2025 15:11

Tgt Ion: 43 Resp: 377367
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2

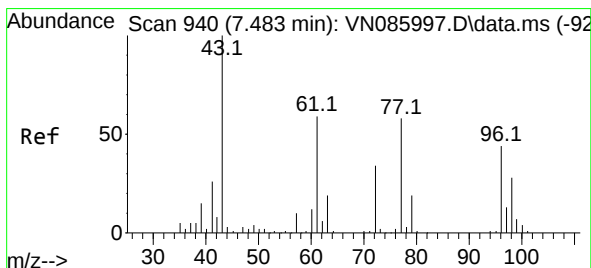
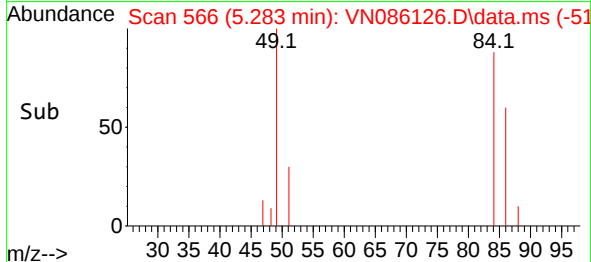
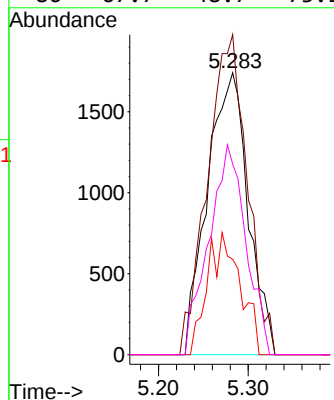
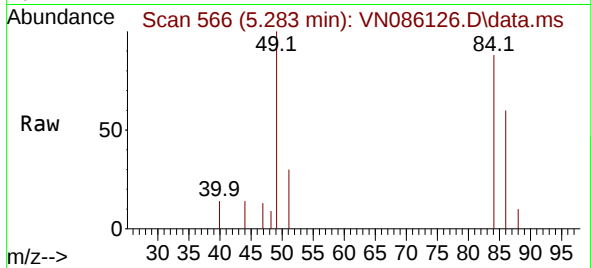




#20
Methylene Chloride
Concen: 2.518 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086126.D
Acq: 26 Mar 2025 15:11

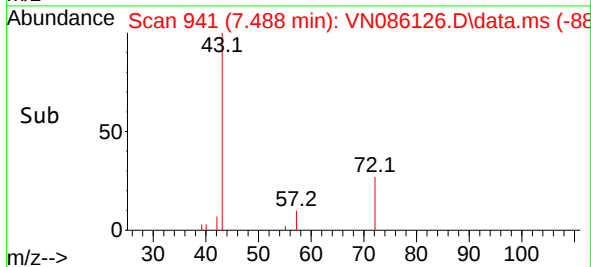
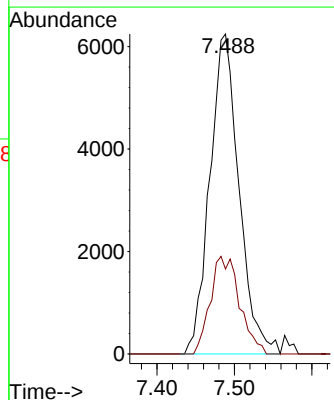
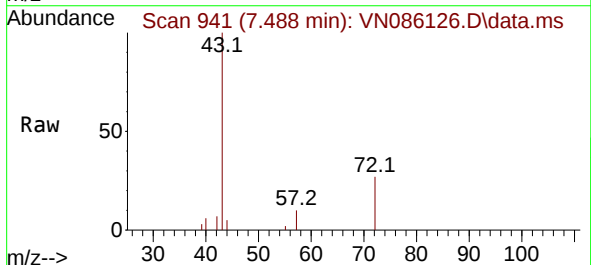
Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2RE

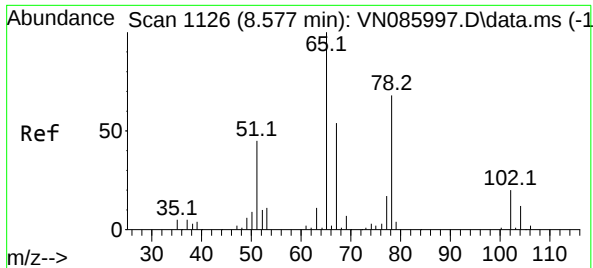
Tgt Ion: 84	Resp: 5496
Ion Ratio	Lower Upper
84 100	
49 113.5	83.3 124.9
51 33.8	24.8 37.2
86 67.7	48.7 73.1



#25
2-Butanone
Concen: 15.204 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086126.D
Acq: 26 Mar 2025 15:11

Tgt Ion: 43	Resp: 16366
Ion Ratio	Lower Upper
43 100	
72 26.6	27.4 41.0#





#33

1,2-Dichloroethane-d4

Concen: 55.372 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086126.D

Acq: 26 Mar 2025 15:11

Instrument :

MSVOA_N

ClientSampleId :

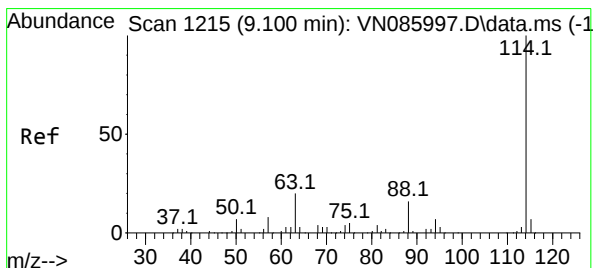
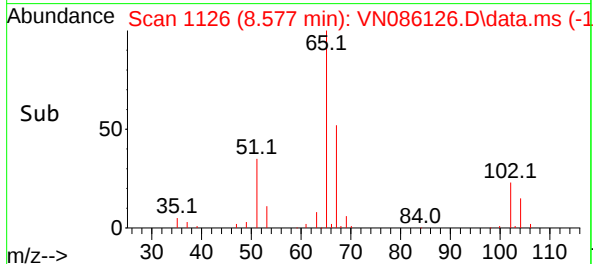
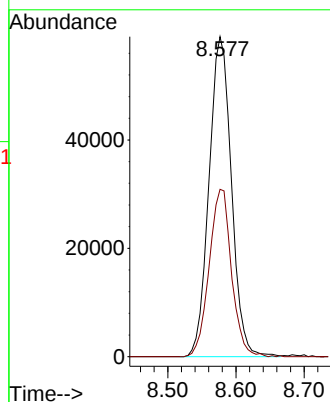
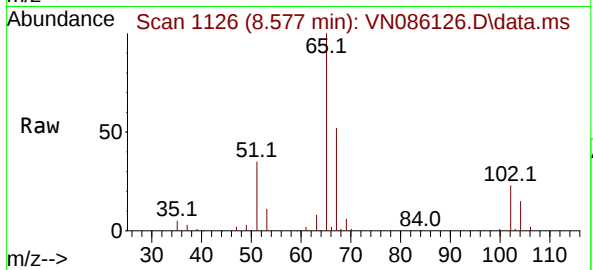
PIER-1-2RE

Tgt Ion: 65 Resp: 135204

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# 1215

Delta R.T. -0.000 min

Lab File: VN086126.D

Acq: 26 Mar 2025 15:11

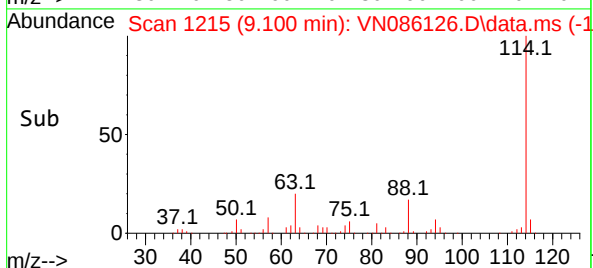
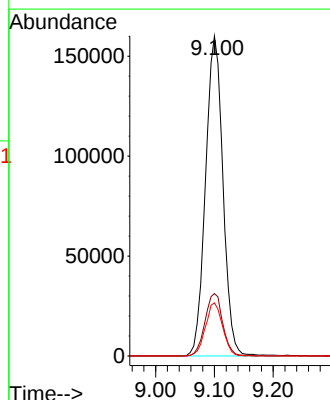
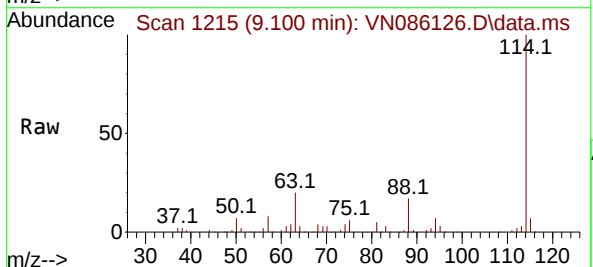
Tgt Ion: 114 Resp: 328992

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 32.780 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086126.D

Acq: 26 Mar 2025 15:11

Instrument :

MSVOA_N

ClientSampleId :

PIER-1-2RE

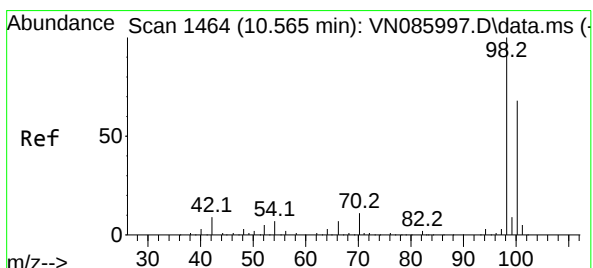
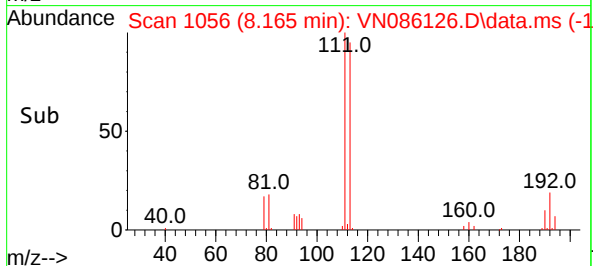
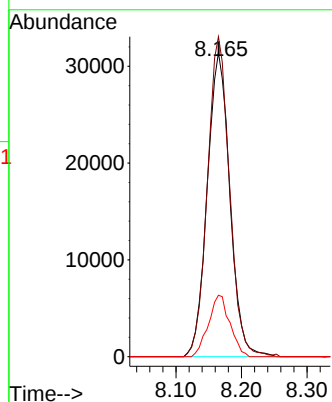
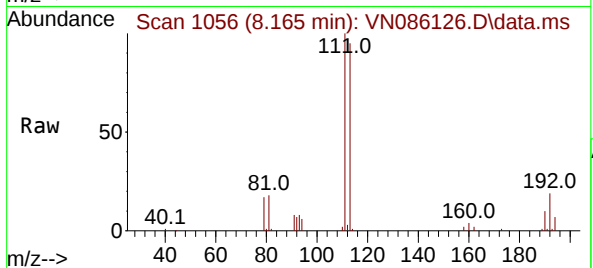
Tgt Ion:113 Resp: 75274

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 19.1 15.9 23.9



#50

Toluene-d8

Concen: 48.400 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086126.D

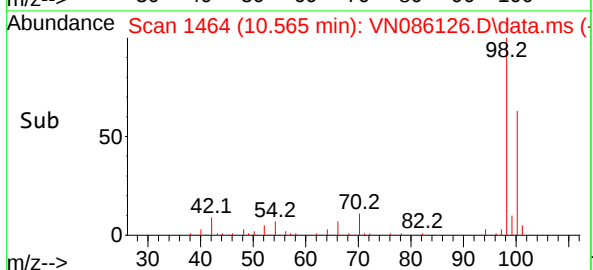
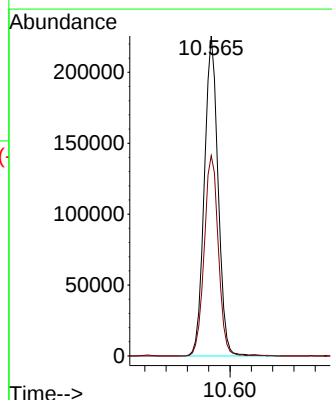
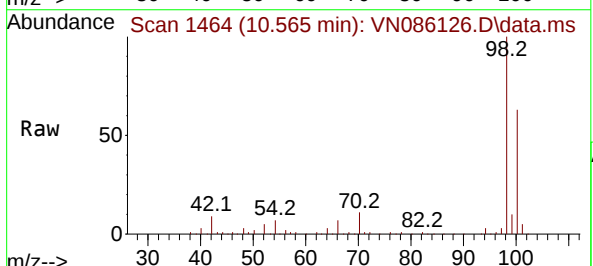
Acq: 26 Mar 2025 15:11

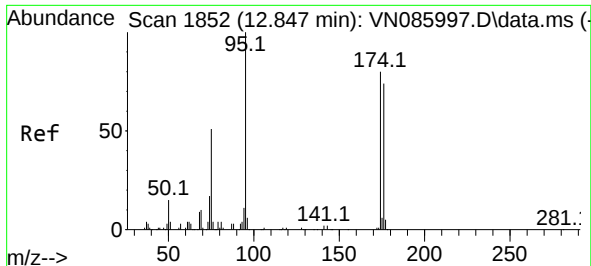
Tgt Ion: 98 Resp: 403370

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

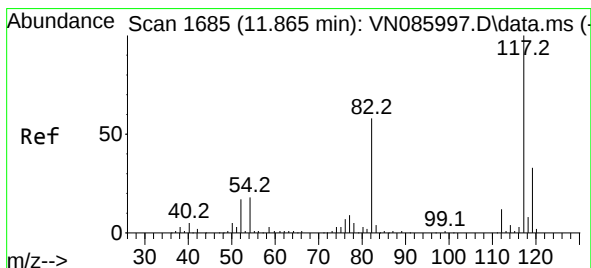
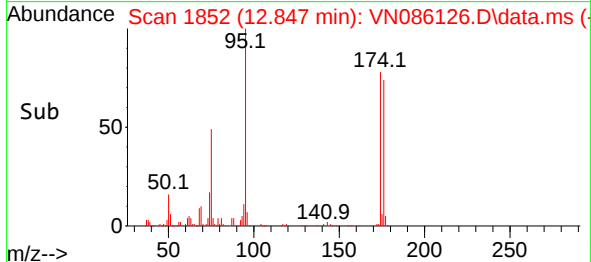
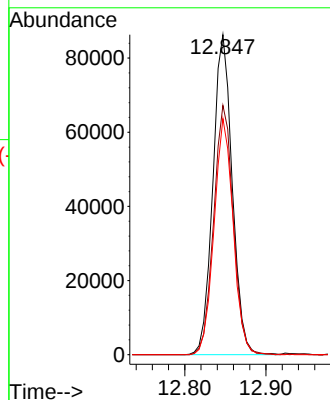
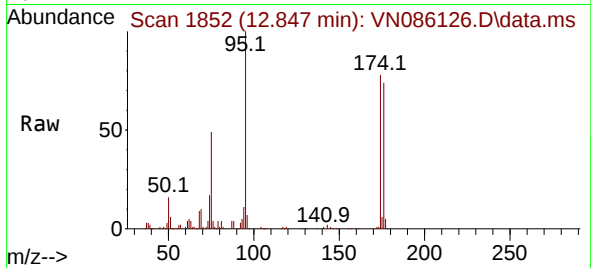




#62
4-Bromofluorobenzene
Concen: 48.056 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086126.D
Acq: 26 Mar 2025 15:11

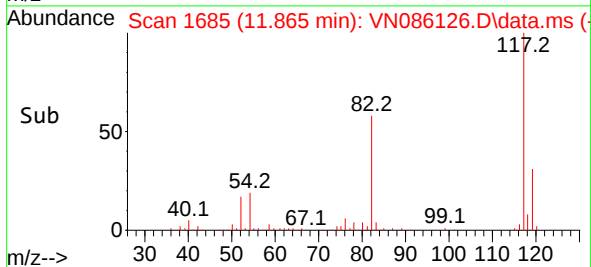
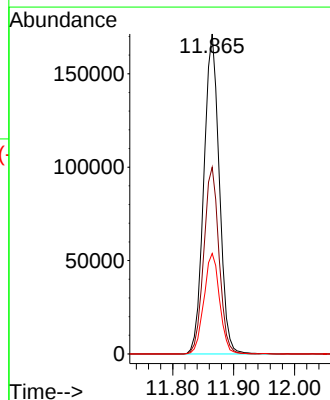
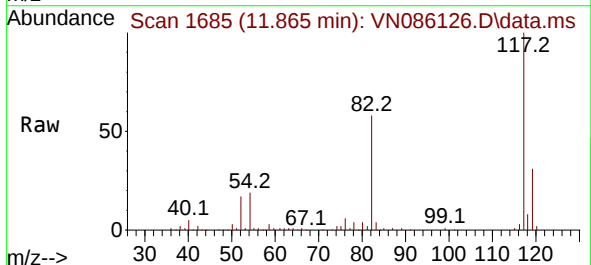
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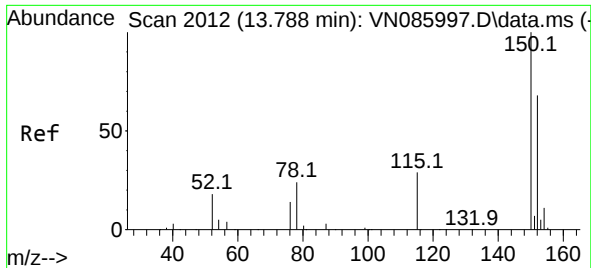
Tgt Ion: 95 Resp: 142831
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.8
176 73.2 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086126.D
Acq: 26 Mar 2025 15:11

Tgt Ion: 117 Resp: 301635
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 31.4 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: VN086126.D

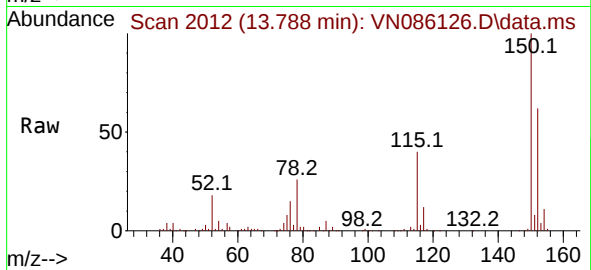
Acq: 26 Mar 2025 15:11

Instrument :

MSVOA_N

ClientSampleId :

PIER-1-2RE



Tgt Ion:152 Resp: 125409

Ion Ratio Lower Upper

152 100

115 63.4 31.1 93.2

150 159.7 0.0 359.6

