

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086177.D
 Acq On : 31 Mar 2025 18:14
 Operator : JC\MD
 Sample : PB167374ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374ZHE#01

Quant Time: Apr 01 01:38:59 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)

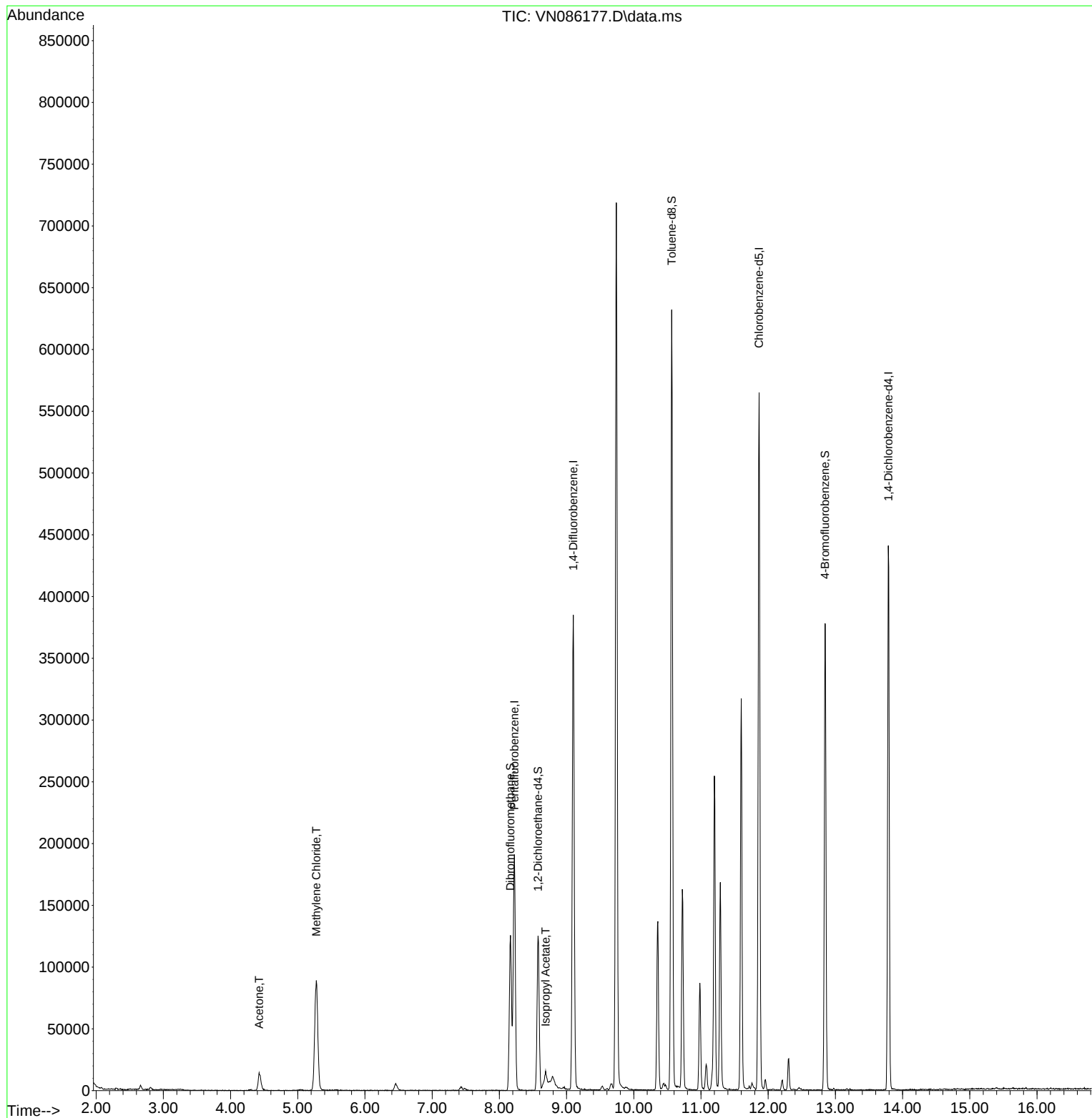
Internal Standards						
1) Pentafluorobenzene	8.224	168	134970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107412	58.117	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.240%	
35) Dibromofluoromethane	8.165	113	87770	37.322	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	74.640%#	
50) Toluene-d8	10.565	98	447952	52.485	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.960%	
62) 4-Bromofluorobenzene	12.847	95	134608	44.223	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.440%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	26363	46.690	ug/l	98
20) Methylene Chloride	5.277	84	76075	46.055	ug/l	96
43) Isopropyl Acetate	8.688	43	21493	3.797	ug/l #	67

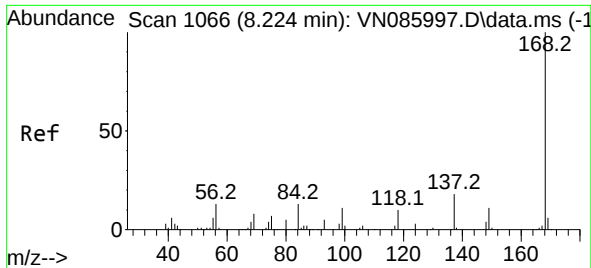
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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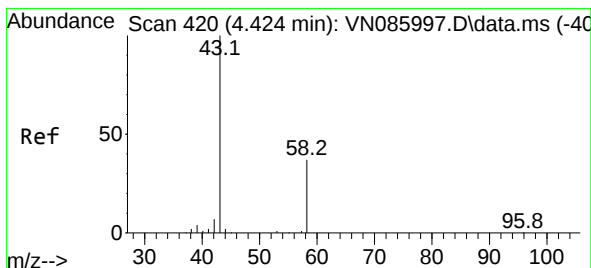
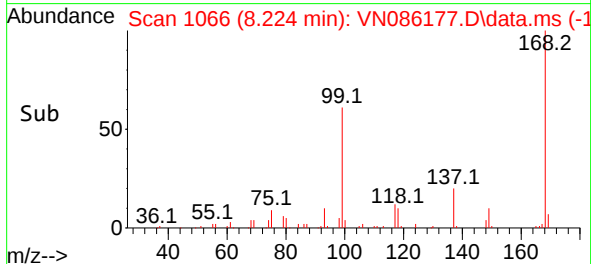
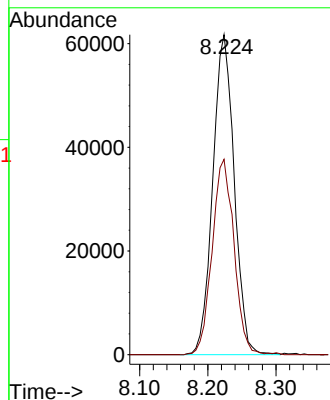
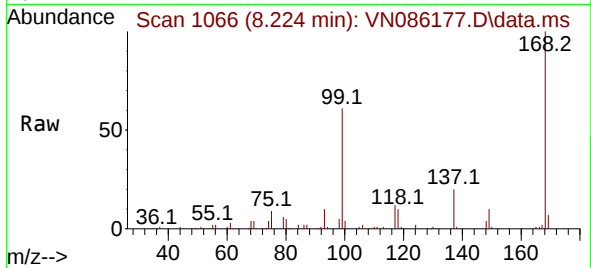




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

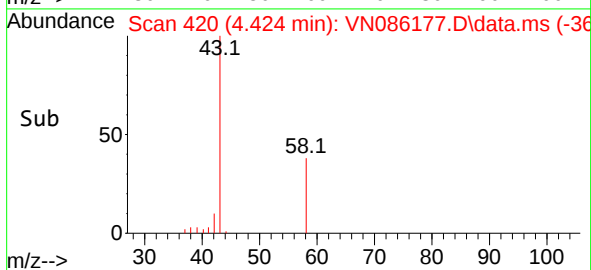
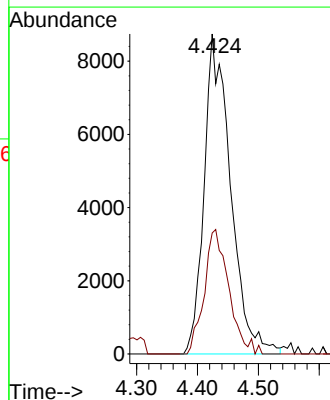
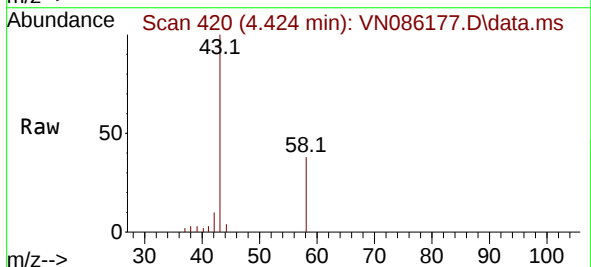
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#01

Tgt Ion:168 Resp: 134970
Ion Ratio Lower Upper
168 100
99 61.1 49.4 74.2



#16
Acetone
Concen: 46.690 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

Tgt Ion: 43 Resp: 26363
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.2

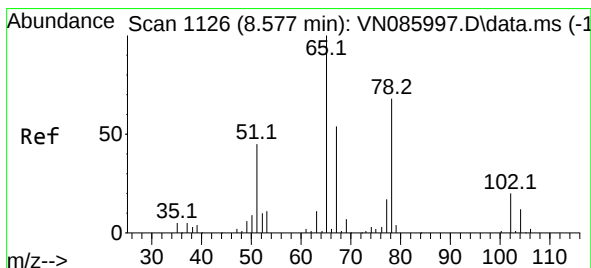
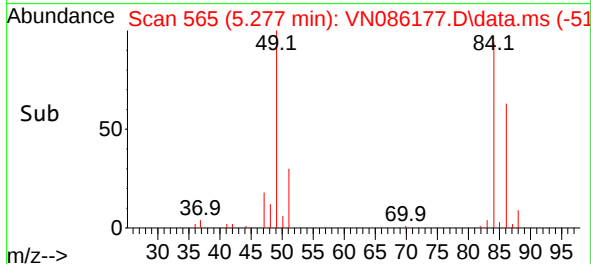
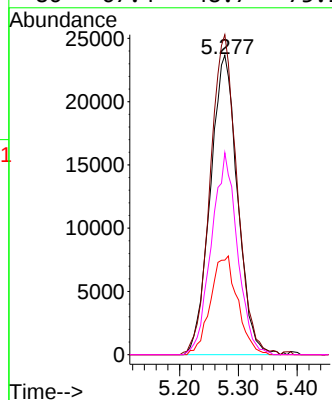
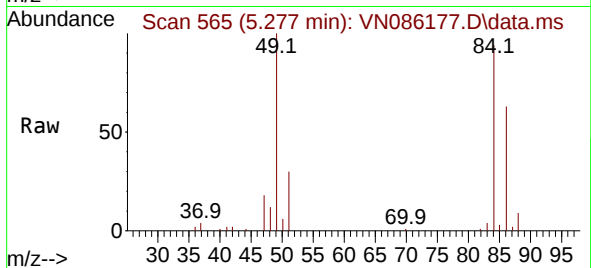




#20
Methylene Chloride
Concen: 46.055 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

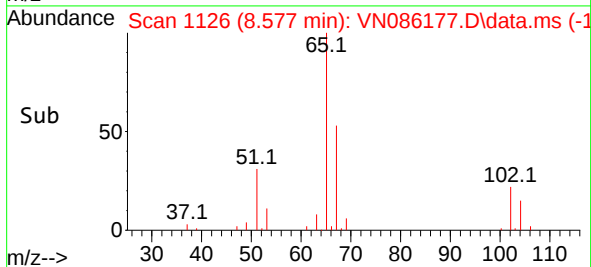
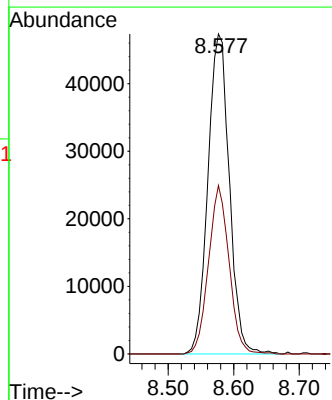
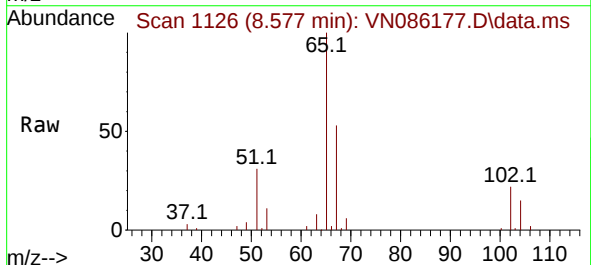
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#01

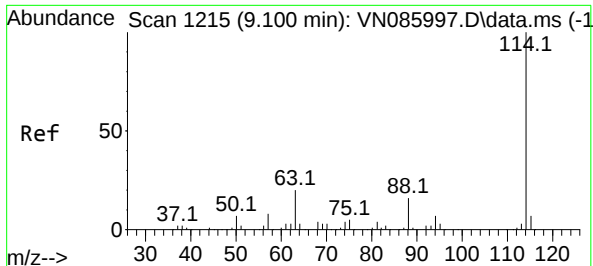
Tgt Ion: 84	Resp: 76075		
Ion	Ratio	Lower	Upper
84	100		
49	106.9	83.3	124.9
51	31.6	24.8	37.2
86	67.4	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 58.117 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

Tgt Ion: 65	Resp: 107412
Ion Ratio	Lower Upper
65 100	
67 50.4	0.0 102.2

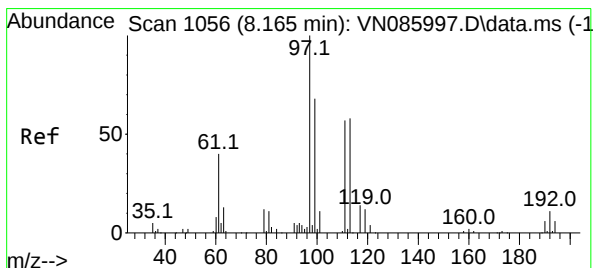
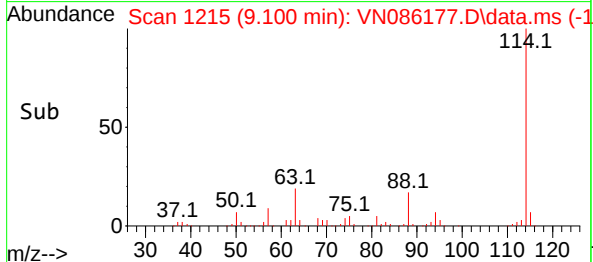
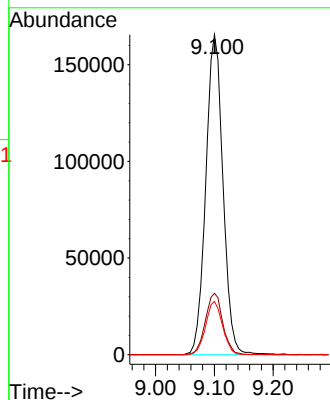
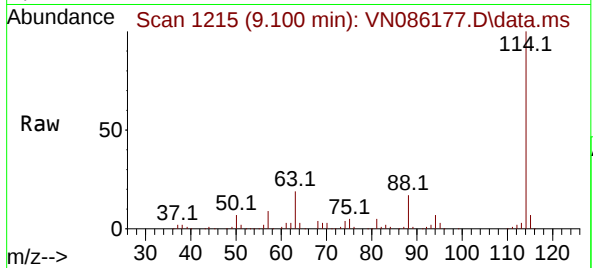




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

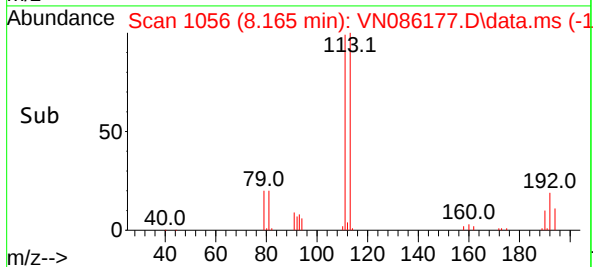
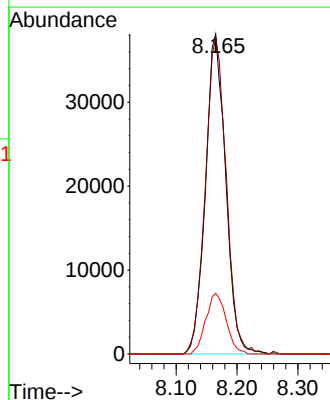
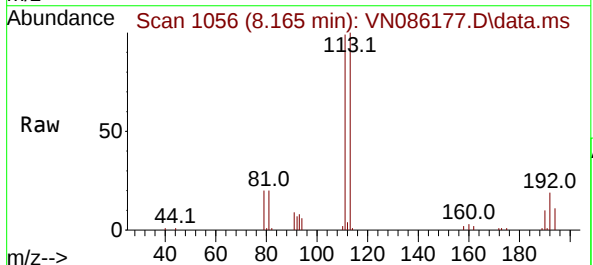
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#01

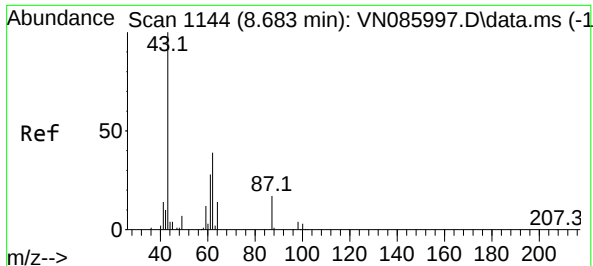
Tgt Ion:114 Resp: 336922
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 37.322 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

Tgt Ion:113 Resp: 87770
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 19.2 15.9 23.9





#43

Isopropyl Acetate

Concen: 3.797 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086177.D

Acq: 31 Mar 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

PB167374ZHE#01

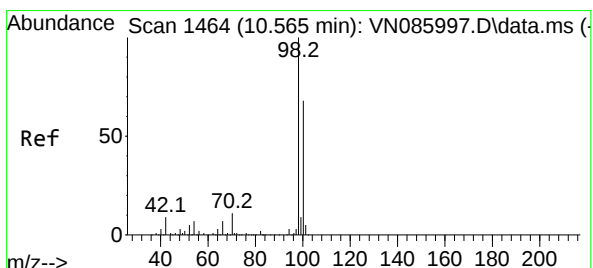
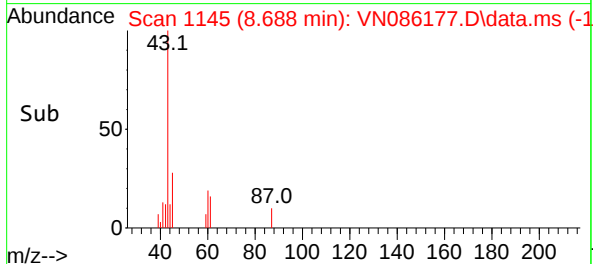
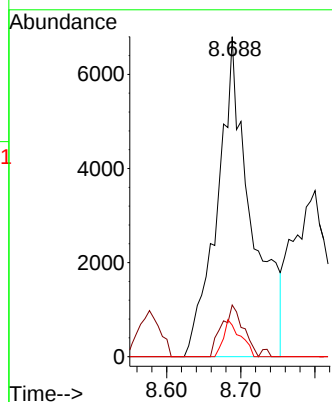
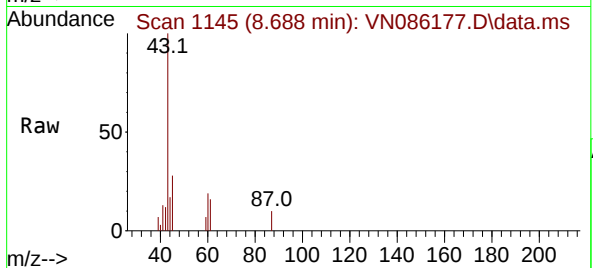
Tgt Ion: 43 Resp: 21493

Ion Ratio Lower Upper

43 100

61 10.2 25.0 37.6#

87 5.8 13.0 19.4#



#50

Toluene-d8

Concen: 52.485 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086177.D

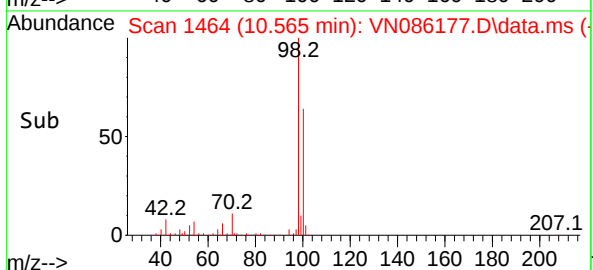
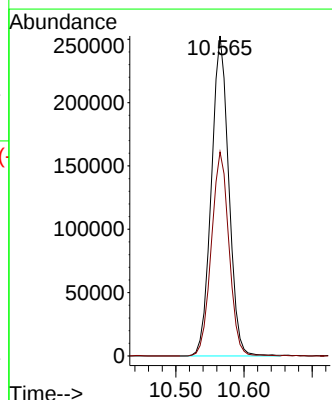
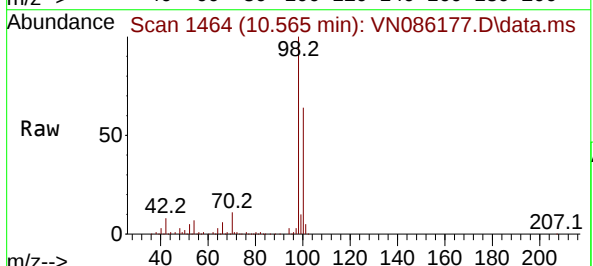
Acq: 31 Mar 2025 18:14

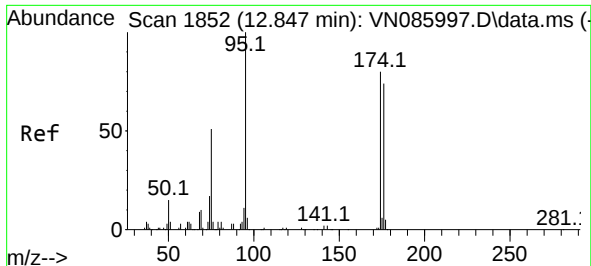
Tgt Ion: 98 Resp: 447952

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7

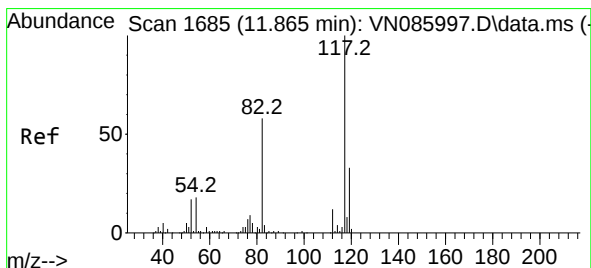
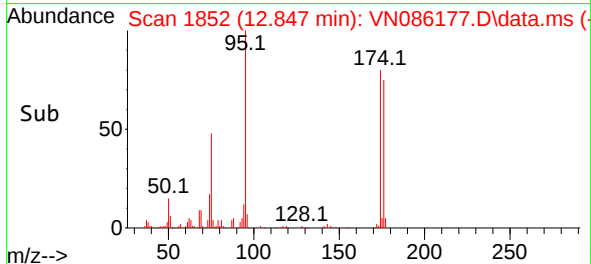
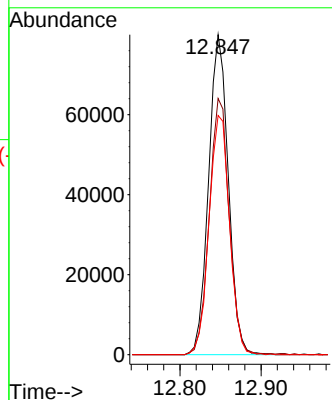
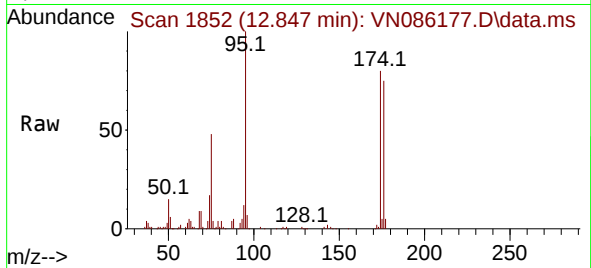




#62
4-Bromofluorobenzene
Concen: 44.223 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

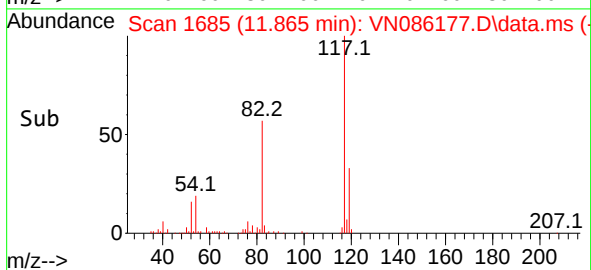
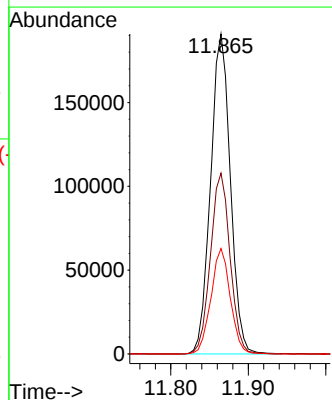
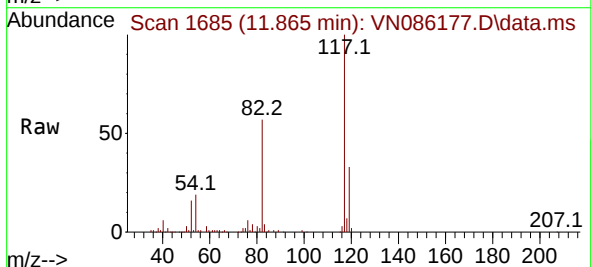
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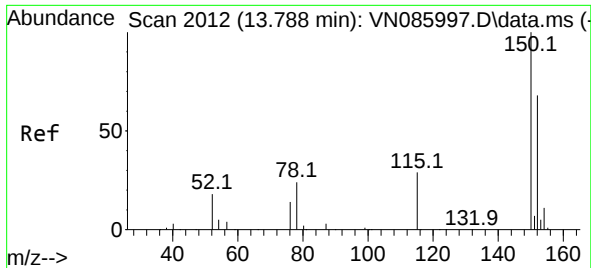
Tgt Ion: 95 Resp: 134608
Ion Ratio Lower Upper
95 100
174 81.3 0.0 156.8
176 77.8 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086177.D
Acq: 31 Mar 2025 18:14

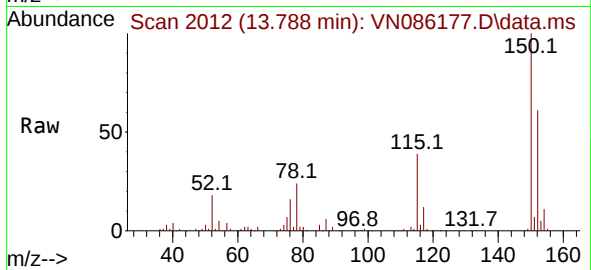
Tgt Ion: 117 Resp: 338515
Ion Ratio Lower Upper
117 100
82 56.5 46.7 70.1
119 33.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086177.D
 Acq: 31 Mar 2025 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374ZHE#01



Tgt Ion:152 Resp: 126015
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.1 93.2
 150 159.3 0.0 359.6

