

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085597.D
 Acq On : 31 Jan 2025 13:15
 Operator : JC\MD
 Sample : PB166357ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#02

Quant Time: Jan 31 23:01:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

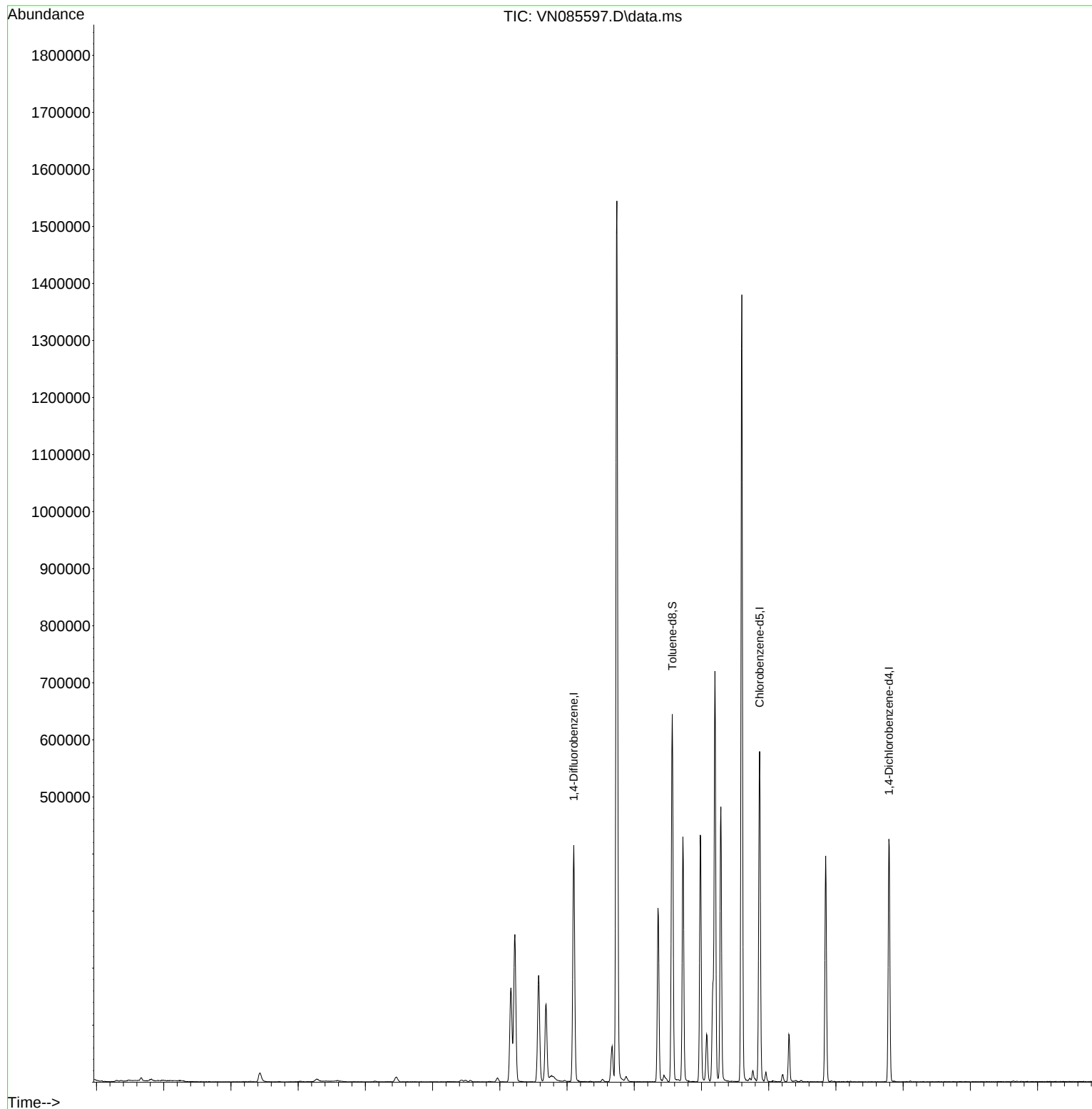
Internal Standards						
1) Pentafluorobenzene	8.224	168	176989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153356	53.678	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.360%			
35) Dibromofluoromethane	8.165	113	117175	51.314	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	10.565	98	435880	53.724	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.440%			
62) 4-Bromofluorobenzene	12.847	95	129020	46.488	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.980%			
Target Compounds						
16) Acetone	4.430	43	31651	34.287	ug/l	97
30) Chloroform	7.965	83	7253	1.682	ug/l	97
43) Isopropyl Acetate	8.689	43	149956	28.930	ug/l #	89

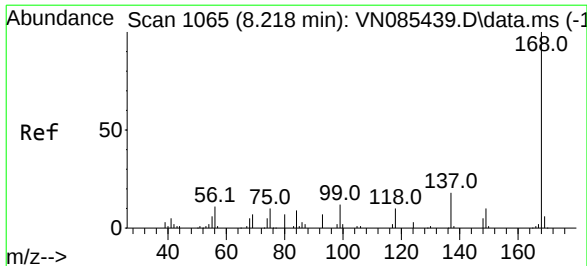
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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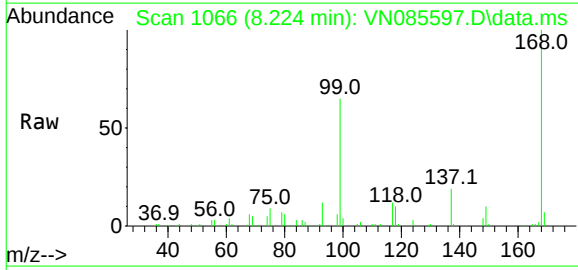
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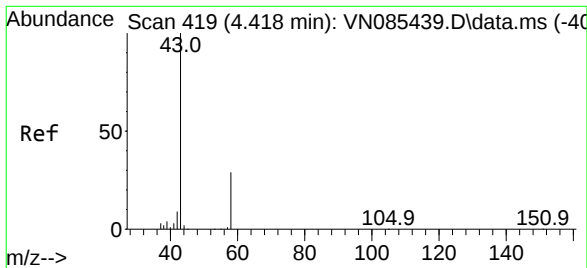
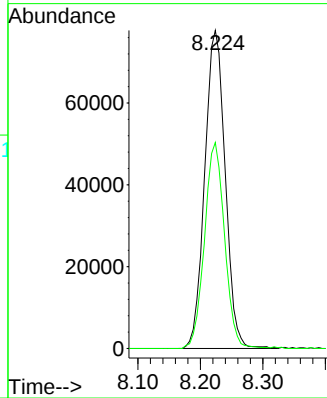
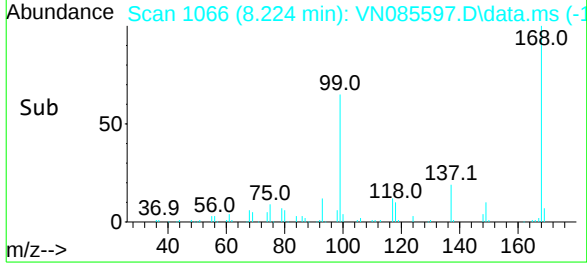


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#02

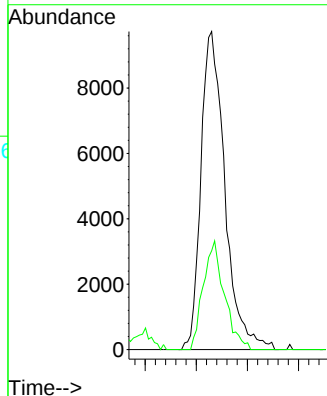
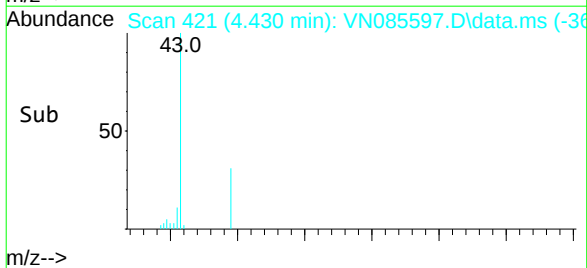
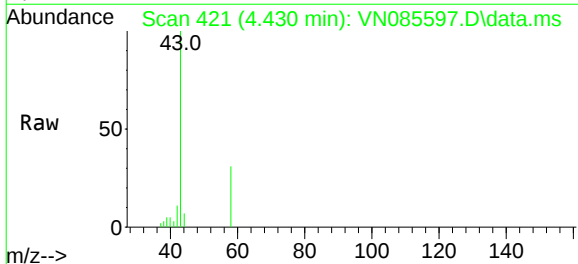


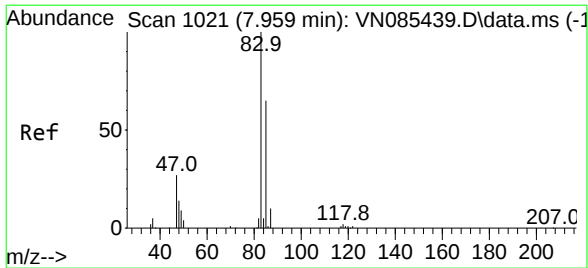
Tgt Ion:168 Resp: 176989
Ion Ratio Lower Upper
168 100
99 64.8 53.6 80.4



#16
Acetone
Concen: 34.287 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 43 Resp: 31651
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.6

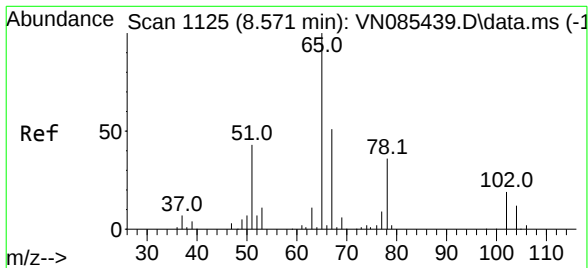
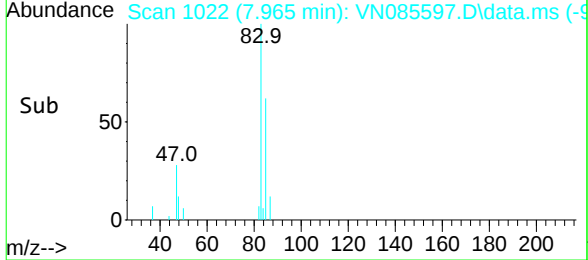
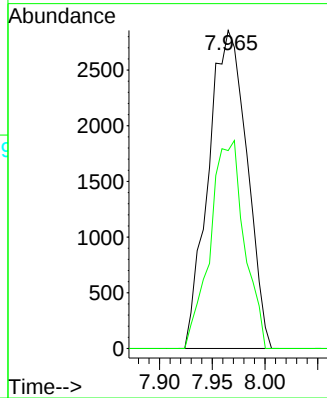
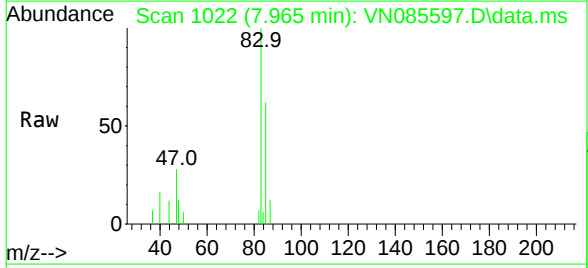




#30
Chloroform
Concen: 1.682 ug/l
RT: 7.965 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

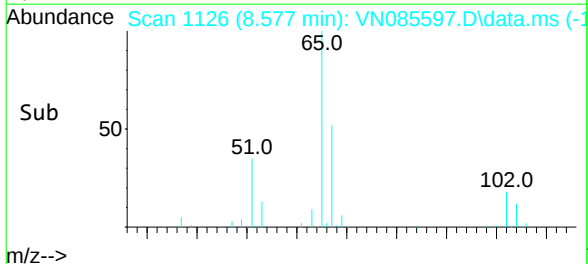
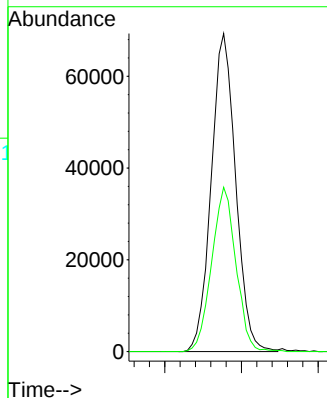
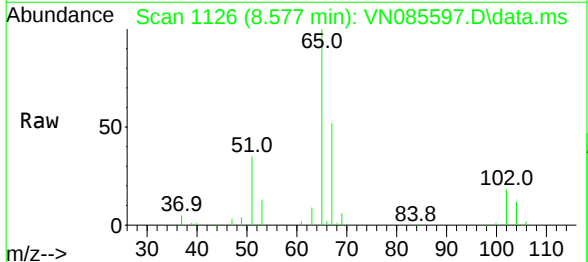
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#02

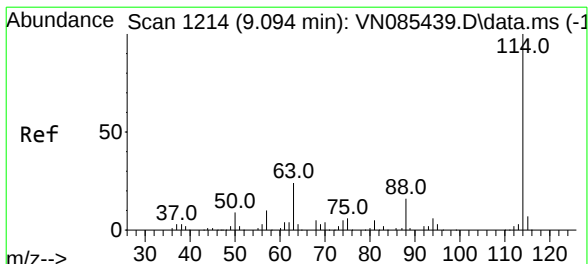
Tgt Ion: 83 Resp: 7253
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 53.678 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 65 Resp: 153356
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

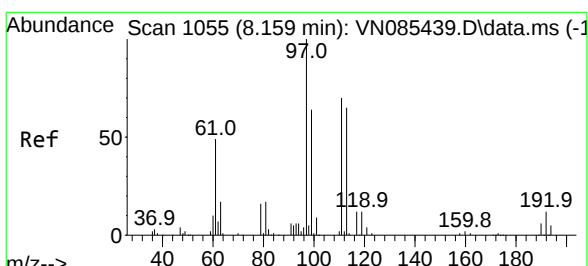
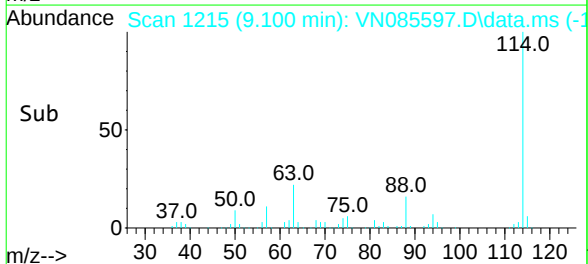
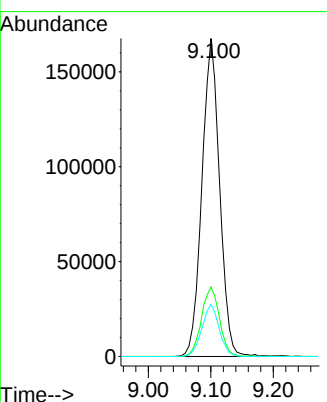
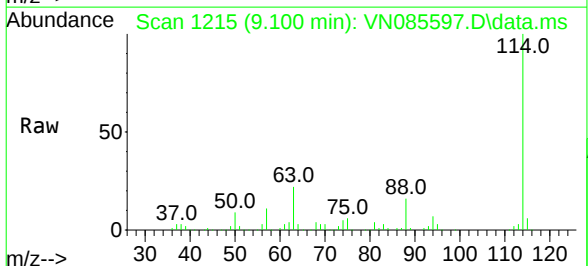




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085597.D
 Acq: 31 Jan 2025 13:15

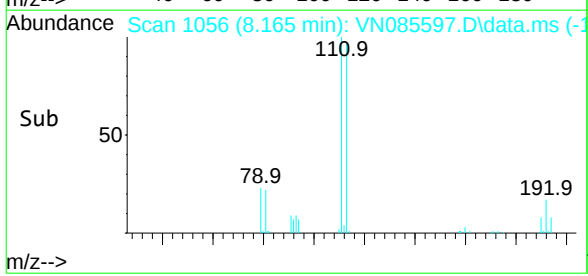
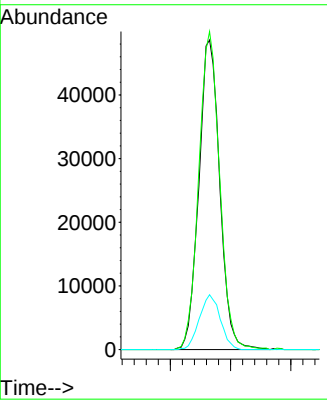
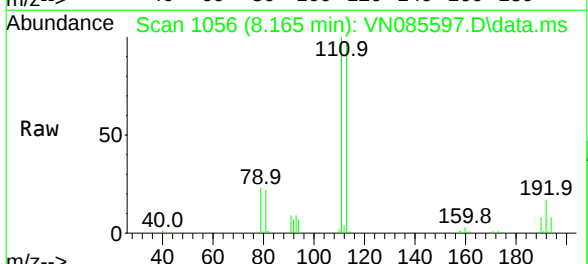
Instrument : MSVOA_N
 ClientSampleId : PB166357ZHE#02

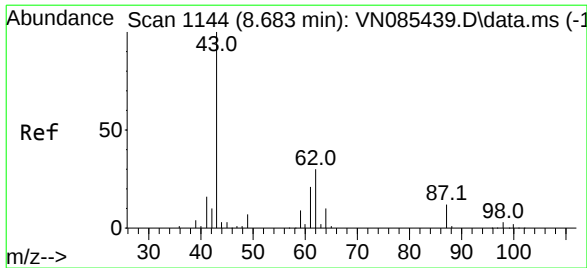
Tgt Ion:	114	Resp:	329152
Ion Ratio	Lower	Upper	
114	100		
63	21.8	0.0	47.6
88	16.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.314 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085597.D
 Acq: 31 Jan 2025 13:15

Tgt Ion:	113	Resp:	117175
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.7	124.1
192	17.7	14.3	21.5





#43

Isopropyl Acetate

Concen: 28.930 ug/l

RT: 8.689 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085597.D

Acq: 31 Jan 2025 13:15

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#02

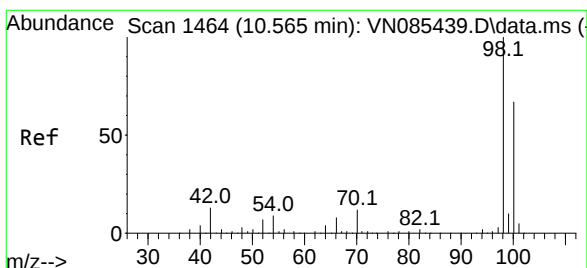
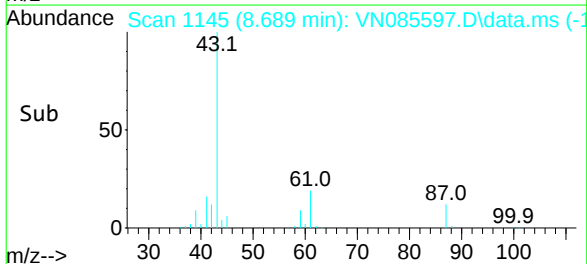
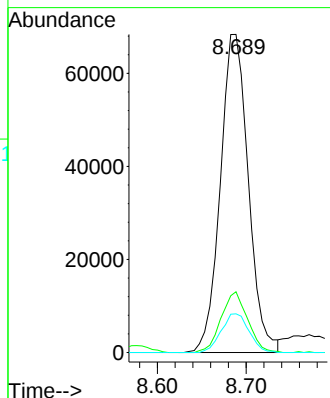
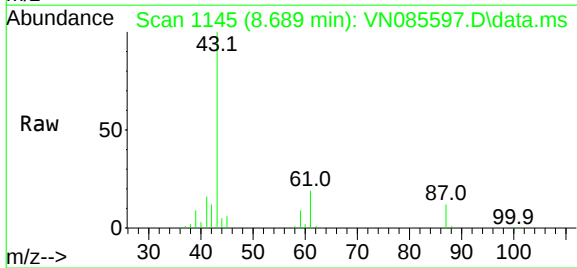
Tgt Ion: 43 Resp: 149956

Ion Ratio Lower Upper

43 100

61 18.1 20.7 31.1#

87 12.0 9.8 14.8



#50

Toluene-d8

Concen: 53.724 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085597.D

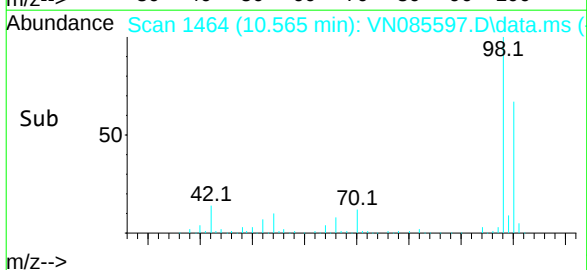
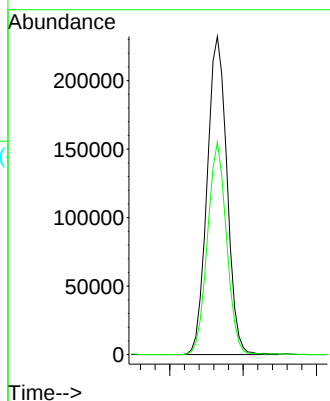
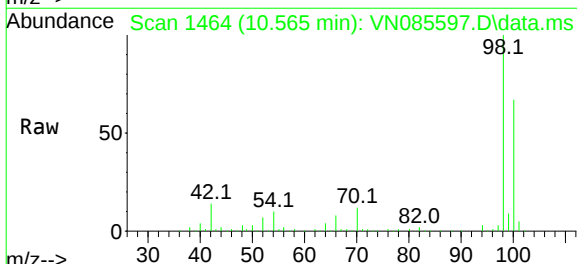
Acq: 31 Jan 2025 13:15

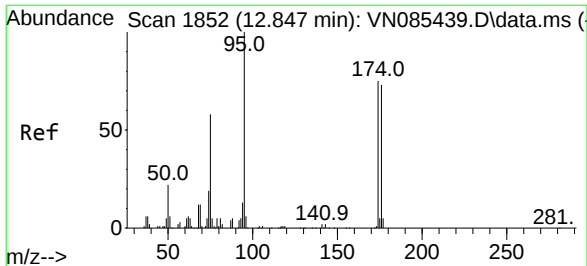
Tgt Ion: 98 Resp: 435880

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 46.488 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085597.D

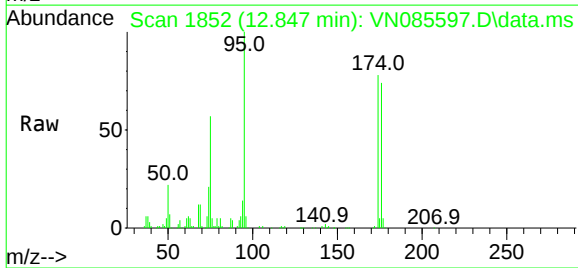
Acq: 31 Jan 2025 13:15

Instrument :

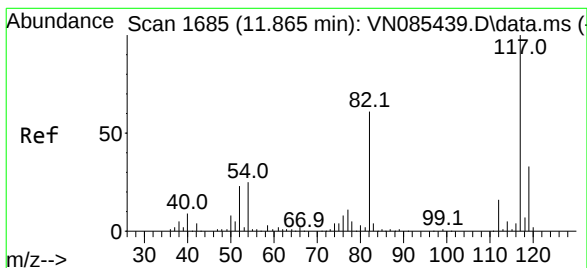
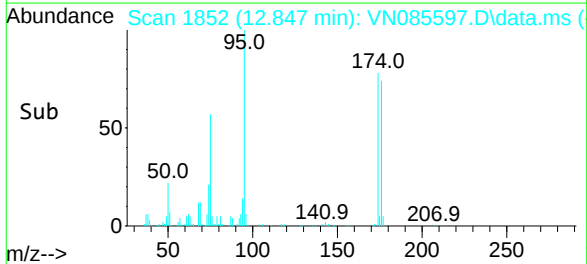
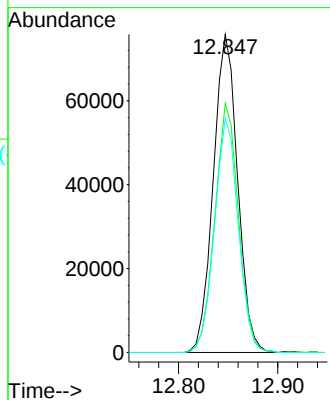
MSVOA_N

ClientSampleId :

PB166357ZHE#02



Tgt Ion:	95	Resp:	129020
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	145.0
176	71.9	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

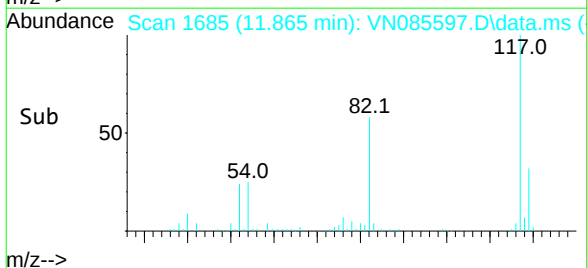
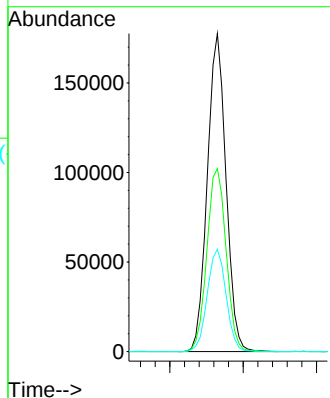
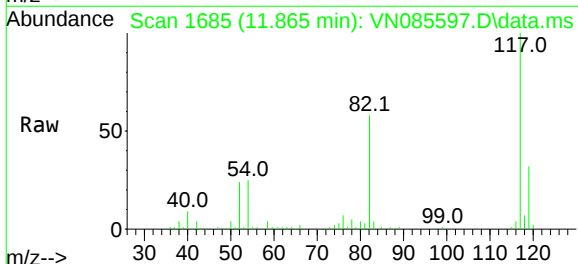
RT: 11.865 min Scan# 1685

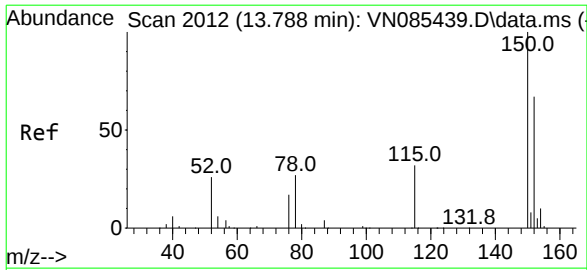
Delta R.T. 0.000 min

Lab File: VN085597.D

Acq: 31 Jan 2025 13:15

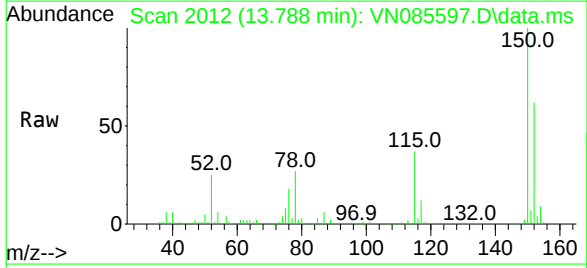
Tgt Ion:	117	Resp:	313653
Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.6	72.8
119	32.1	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085597.D
 Acq: 31 Jan 2025 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#02



Tgt Ion:152 Resp: 112594
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.1 93.3
 150 157.9 0.0 343.6

