

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085605.D
 Acq On : 31 Jan 2025 16:28
 Operator : JC\MD
 Sample : PB166357ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#10

Quant Time: Jan 31 22:31:10 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)

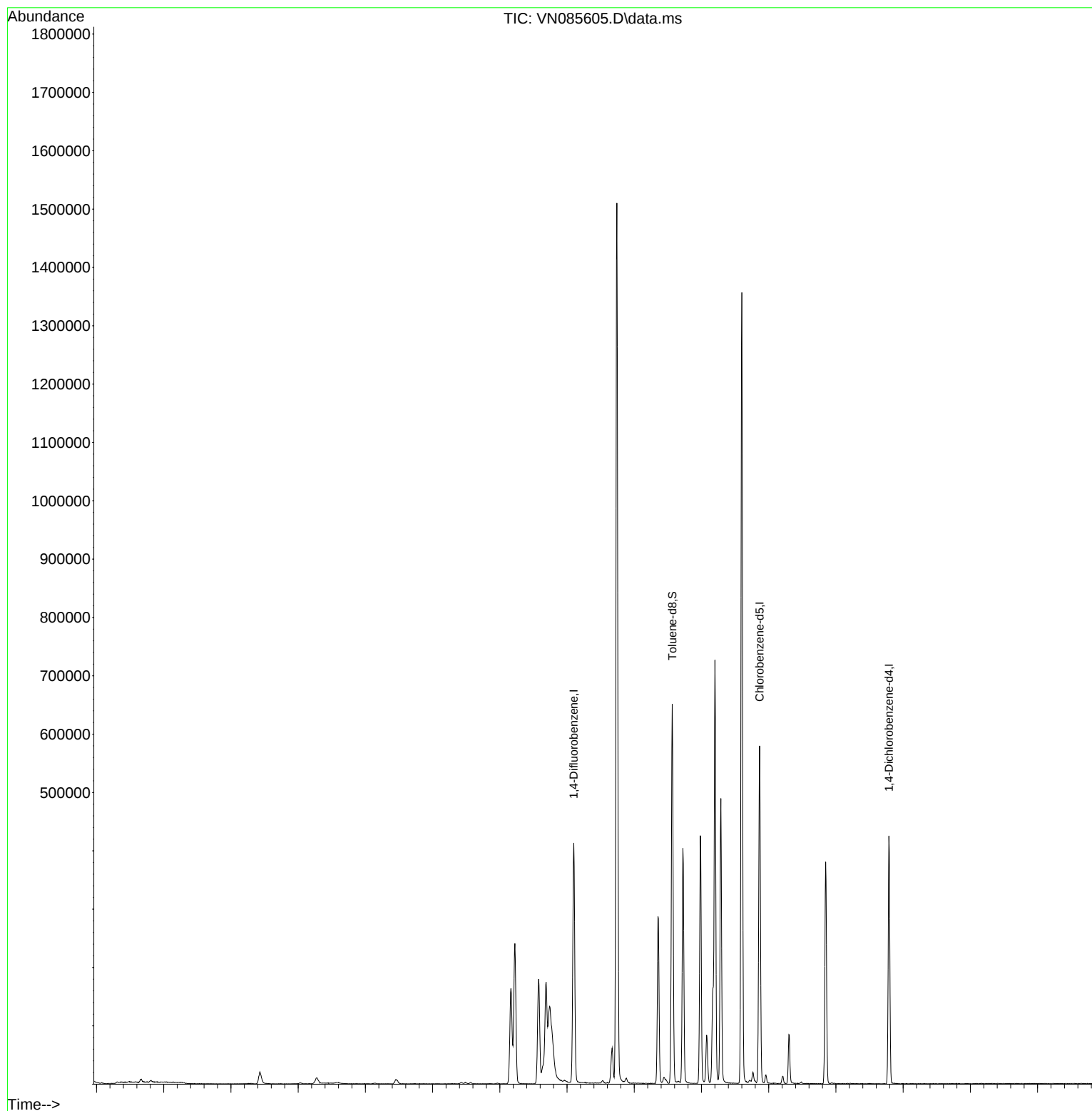
Internal Standards						
1) Pentafluorobenzene	8.224	168	158688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152961	59.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	119.420%		
35) Dibromofluoromethane	8.165	113	114997	49.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.040%		
50) Toluene-d8	10.565	98	425511	51.573	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.140%		
62) 4-Bromofluorobenzene	12.847	95	124789	44.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.420%		
Target Compounds						
16) Acetone	4.430	43	39164	47.319	ug/l	97
20) Methylene Chloride	5.277	84	7407	3.615	ug/l	87
43) Isopropyl Acetate	8.688	43	227884	43.233	ug/l #	80

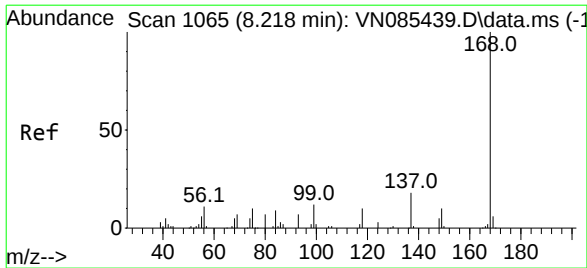
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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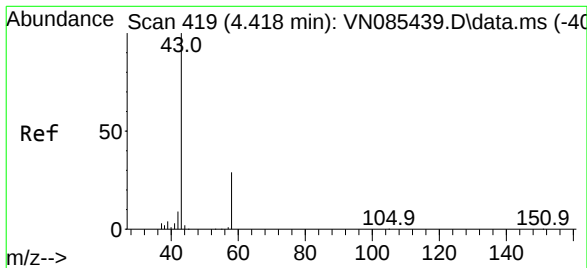
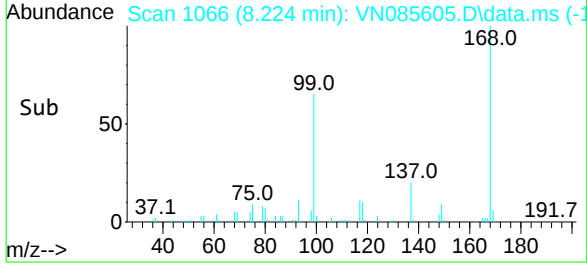
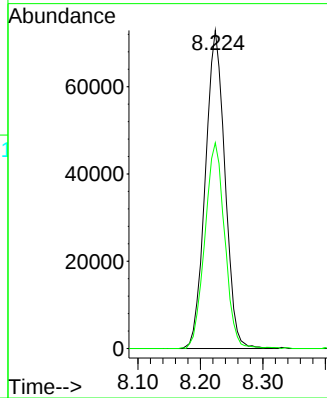
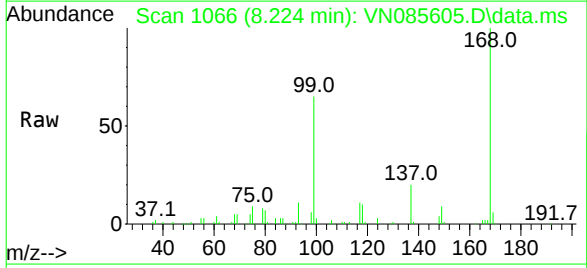




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085605.D
Acq: 31 Jan 2025 16:28

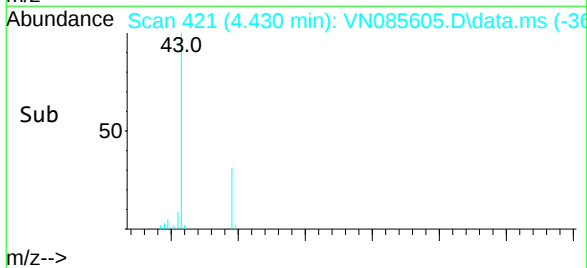
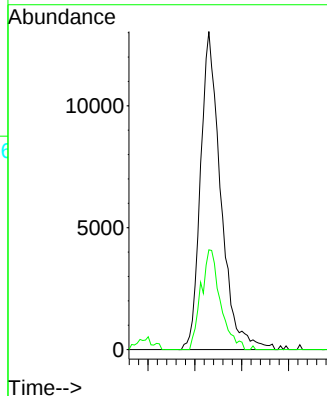
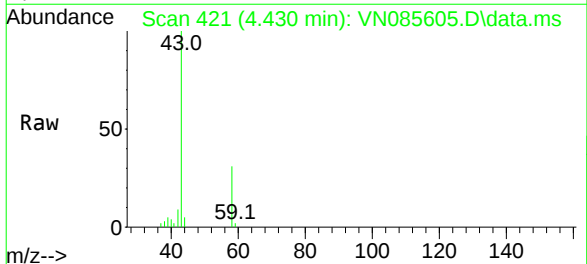
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#10

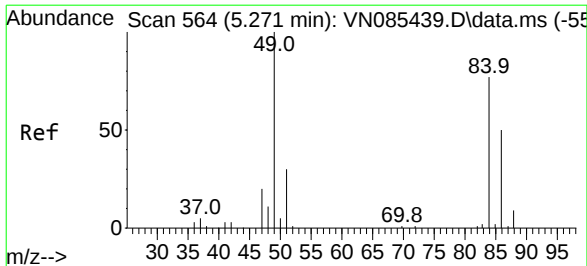
Tgt Ion:168 Resp: 158688
Ion Ratio Lower Upper
168 100
99 64.7 53.6 80.4



#16
Acetone
Concen: 47.319 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085605.D
Acq: 31 Jan 2025 16:28

Tgt Ion: 43 Resp: 39164
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6





#20

Methylene Chloride

Concen: 3.615 ug/l

RT: 5.277 min Scan# 56

Delta R.T. 0.006 min

Lab File: VN085605.D

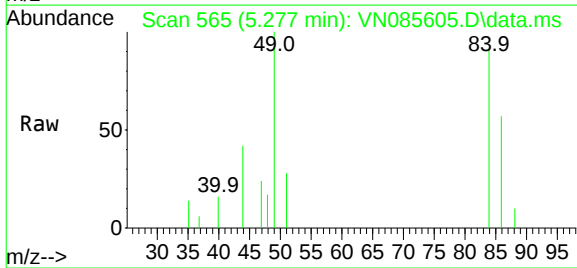
Acq: 31 Jan 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#10



Tgt Ion: 84 Resp: 7407

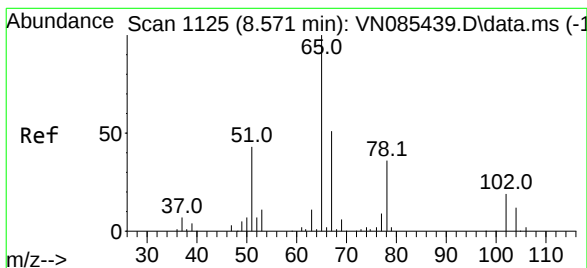
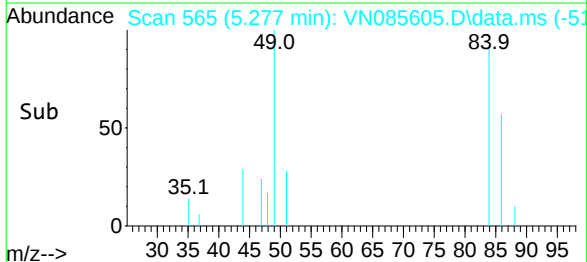
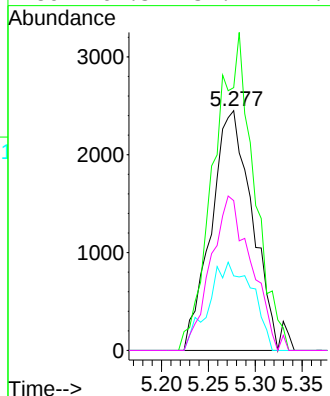
Ion Ratio Lower Upper

84 100

49 109.6 104.1 156.1

51 31.1 31.0 46.4

86 62.5 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 59.714 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085605.D

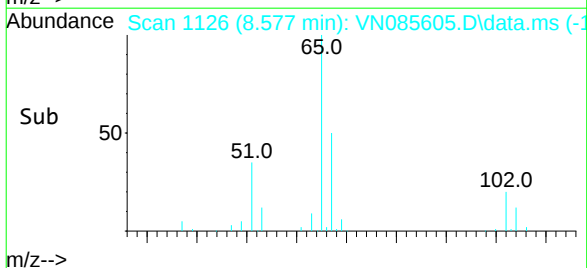
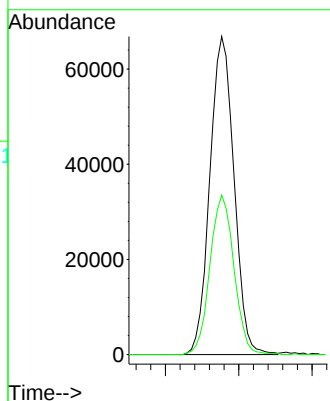
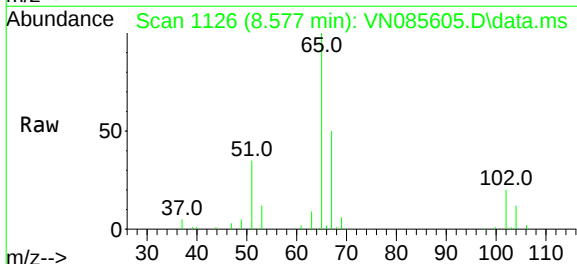
Acq: 31 Jan 2025 16:28

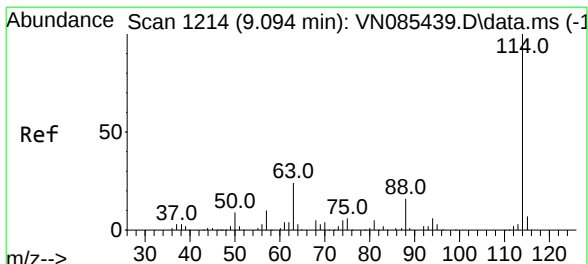
Tgt Ion: 65 Resp: 152961

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.6

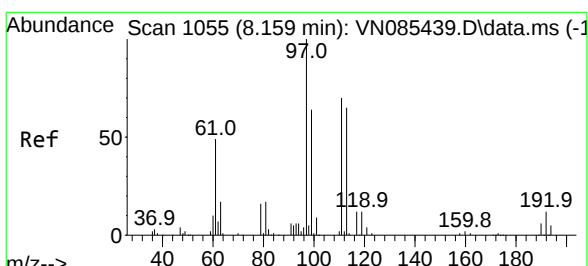
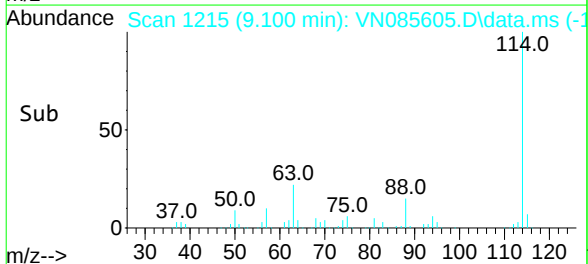
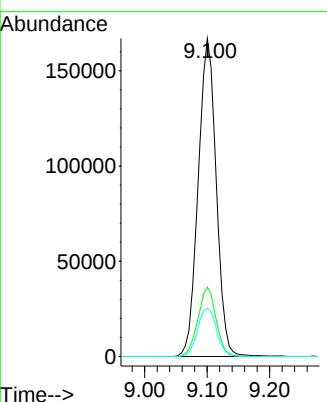
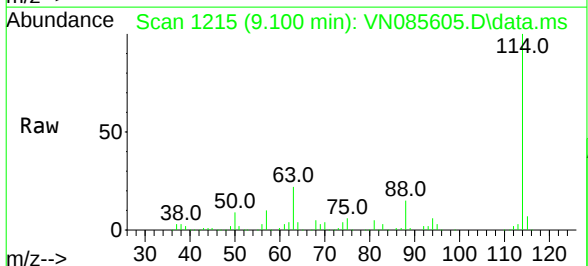




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085605.D
 Acq: 31 Jan 2025 16:28

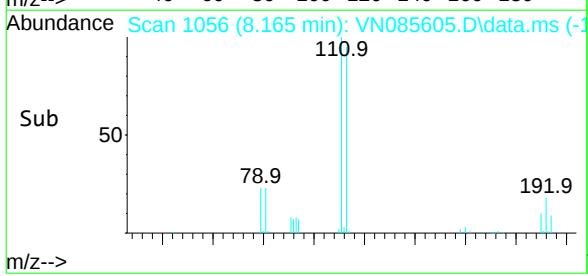
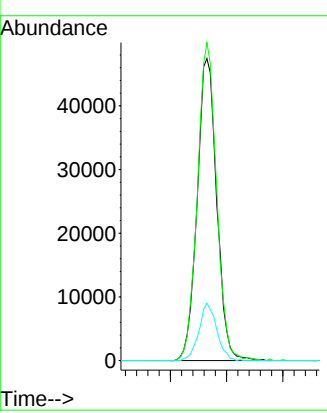
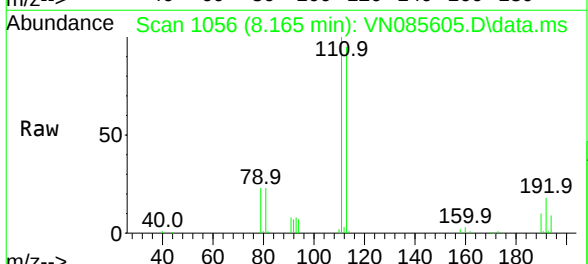
Instrument :
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 PB166357ZHE#10

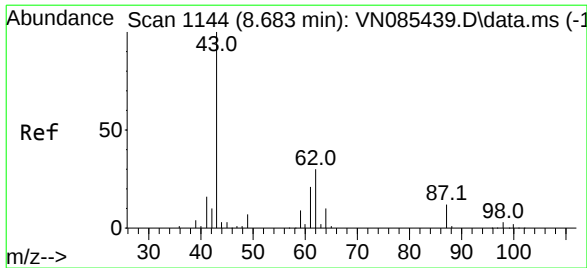
Tgt Ion:	114	Resp:	334726
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	47.6
88	15.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.521 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085605.D
 Acq: 31 Jan 2025 16:28

Tgt Ion:	113	Resp:	114997
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	17.3	14.3	21.5





#43

Isopropyl Acetate

Concen: 43.233 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085605.D

Acq: 31 Jan 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#10

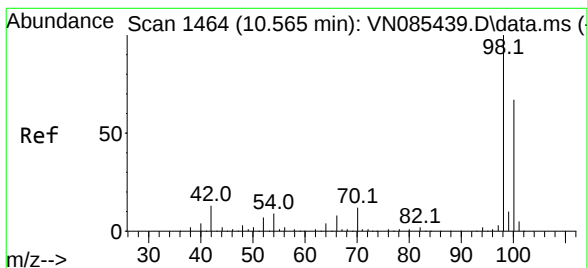
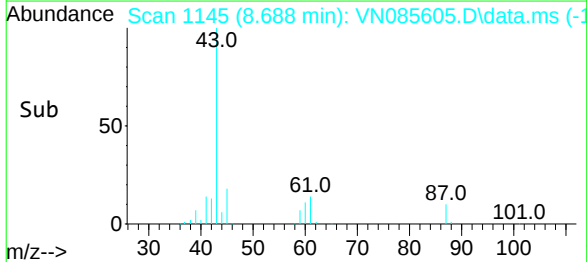
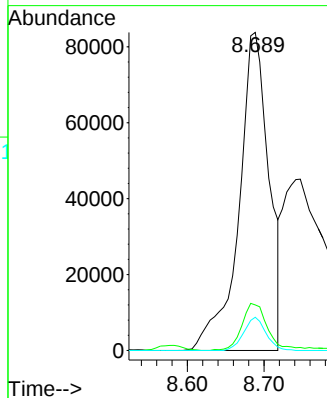
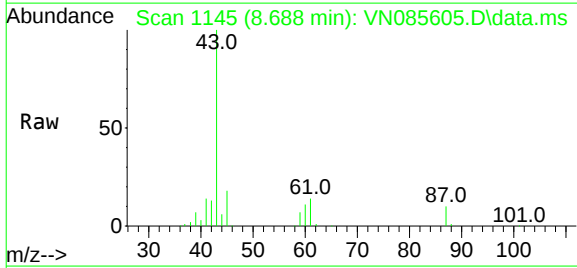
Tgt Ion: 43 Resp: 227884

Ion Ratio Lower Upper

43 100

61 13.5 20.7 31.1#

87 7.7 9.8 14.8#



#50

Toluene-d8

Concen: 51.573 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085605.D

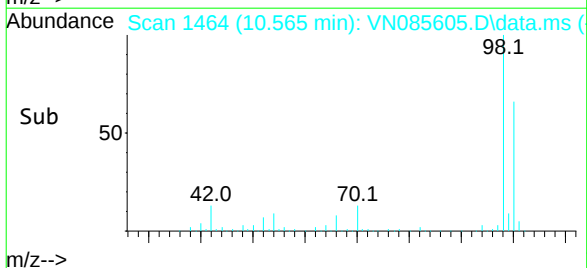
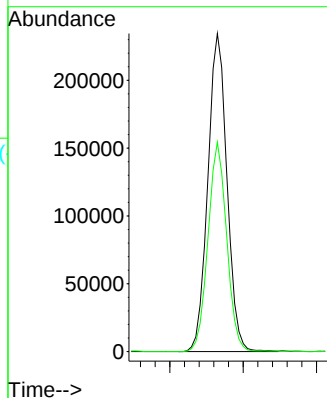
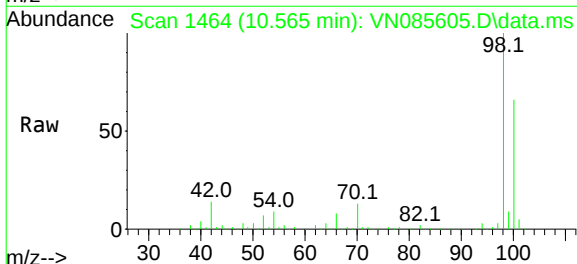
Acq: 31 Jan 2025 16:28

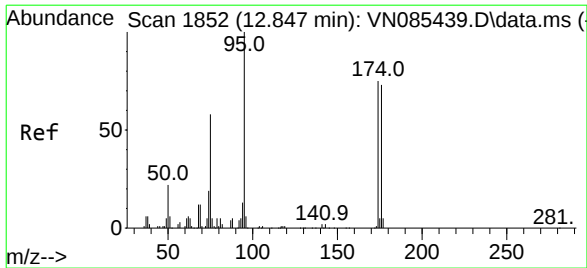
Tgt Ion: 98 Resp: 425511

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4

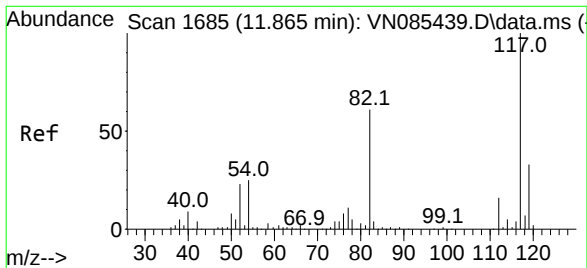
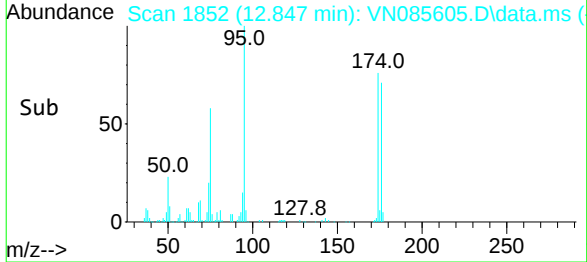
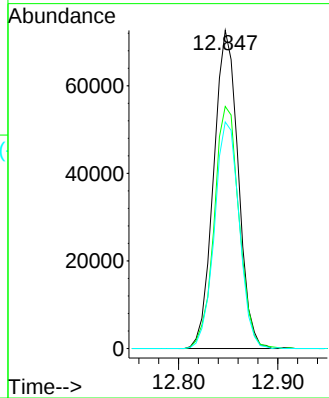
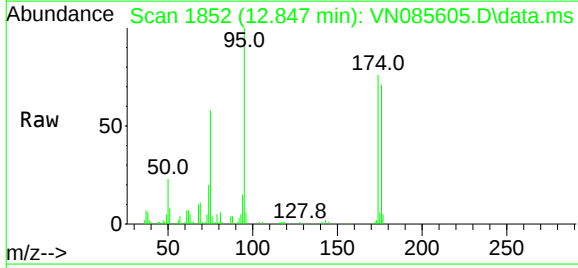




#62
4-Bromofluorobenzene
Concen: 44.215 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085605.D
Acq: 31 Jan 2025 16:28

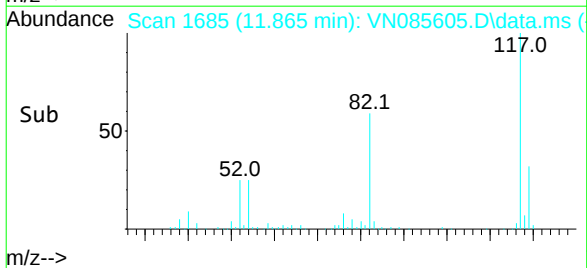
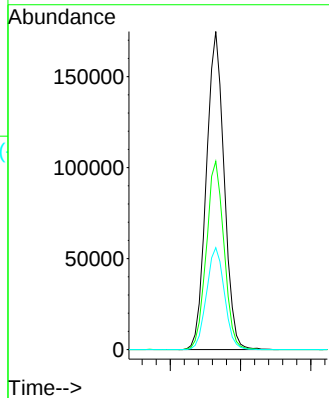
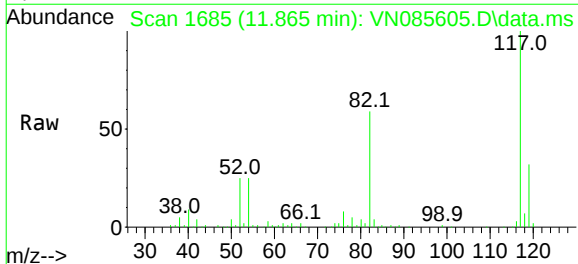
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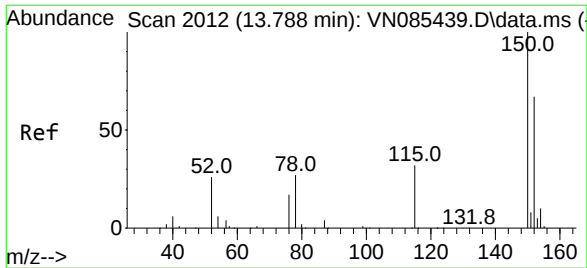
Tgt Ion: 95 Resp: 124789
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.0
176 71.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085605.D
Acq: 31 Jan 2025 16:28

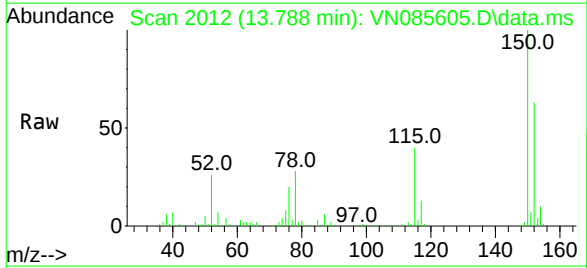
Tgt Ion: 117 Resp: 307168
Ion Ratio Lower Upper
117 100
82 59.2 48.6 72.8
119 32.0 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085605.D
 Acq: 31 Jan 2025 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#10



Tgt Ion:152 Resp: 109447
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.1 93.3
 150 158.7 0.0 343.6

