

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085611.D
 Acq On : 31 Jan 2025 18:53
 Operator : JC\MD
 Sample : PB166357ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#16

Quant Time: Jan 31 22:33:56 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)

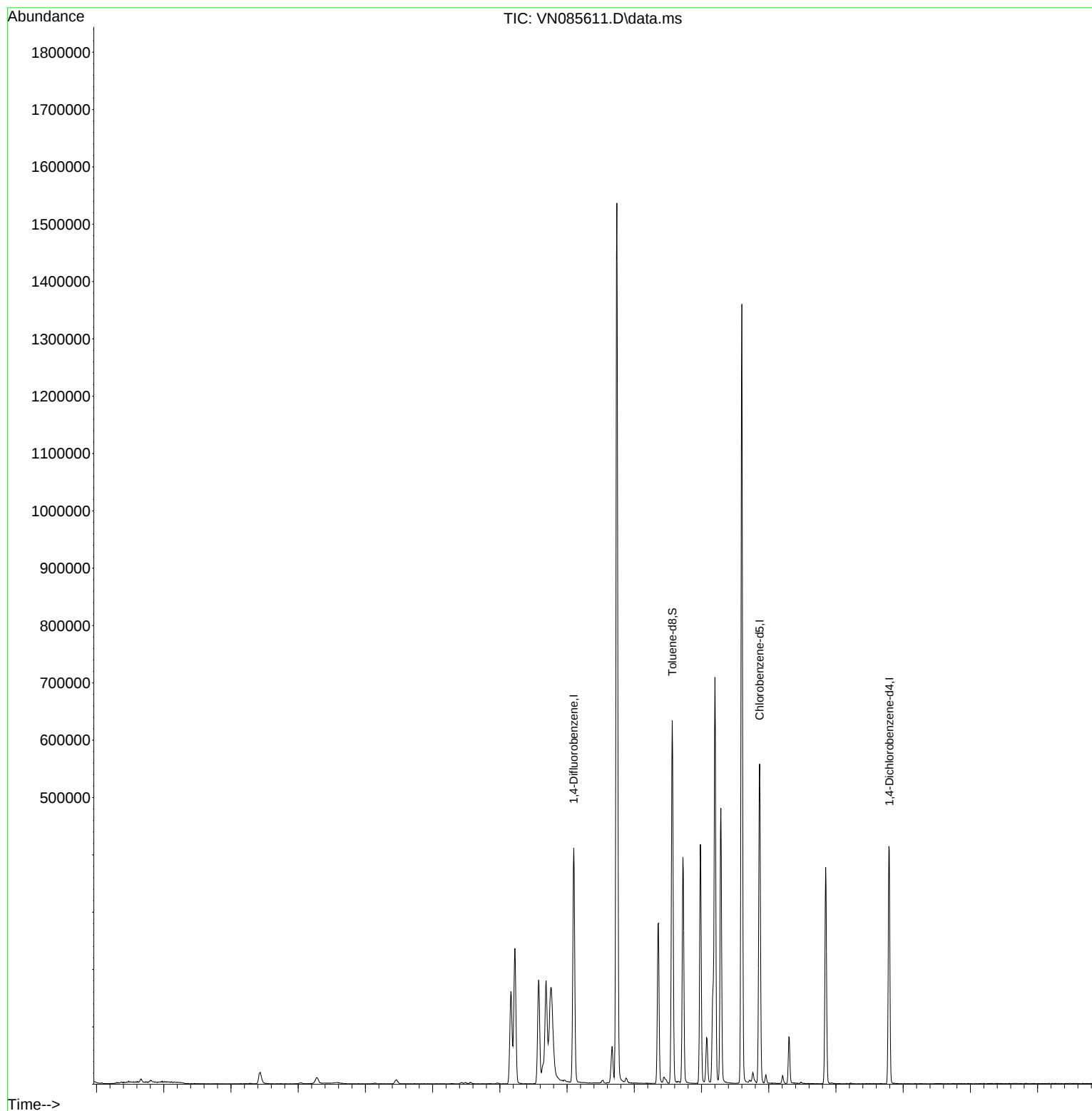
Internal Standards						
1) Pentafluorobenzene	8.224	168	155996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	326939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152857	60.703	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.400%		
35) Dibromofluoromethane	8.165	113	114281	50.385	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.780%		
50) Toluene-d8	10.565	98	420261	52.150	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.300%		
62) 4-Bromofluorobenzene	12.847	95	123955	44.965	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.940%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	39992	49.153	ug/l	94
20) Methylene Chloride	5.271	84	8115	4.029	ug/l #	78
43) Isopropyl Acetate	8.688	43	223465	43.404	ug/l #	79

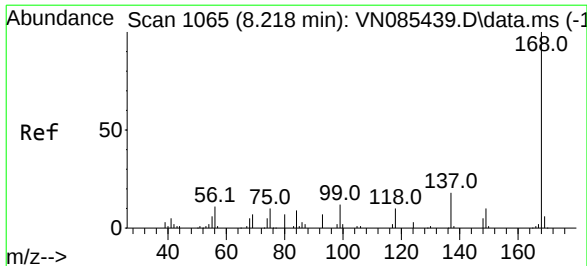
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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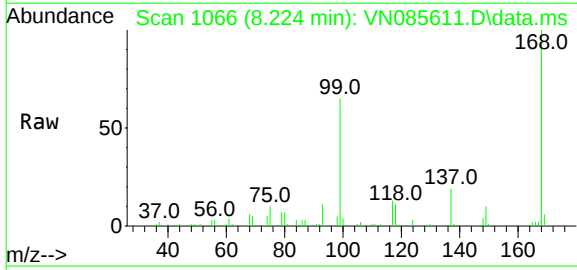
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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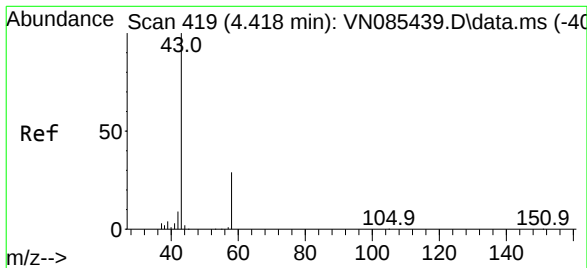
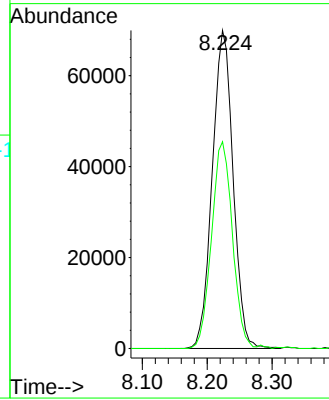
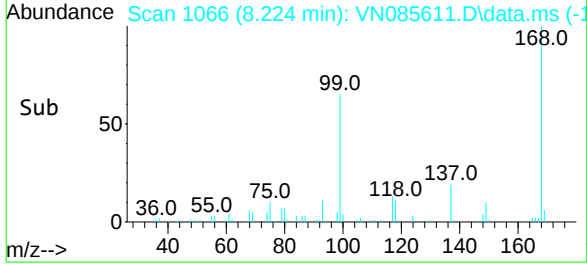


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085611.D
Acq: 31 Jan 2025 18:53

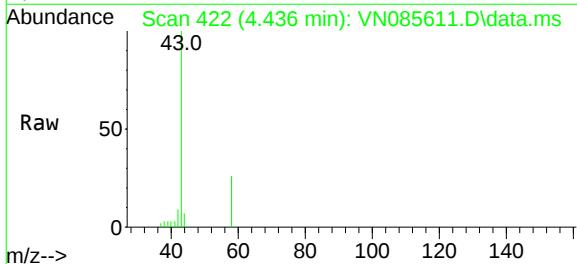
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#16



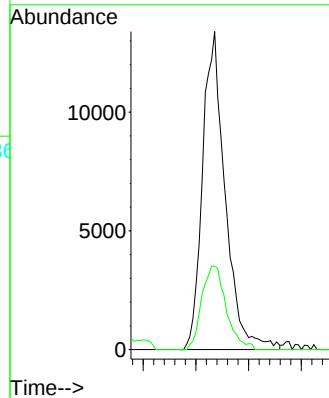
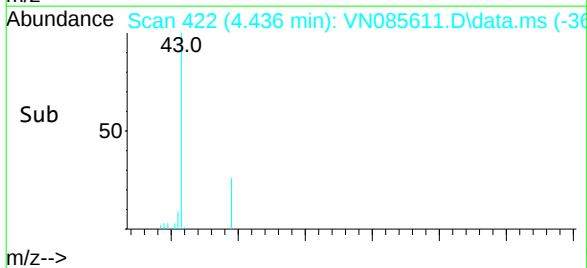
Tgt Ion:168 Resp: 155996
Ion Ratio Lower Upper
168 100
99 65.0 53.6 80.4

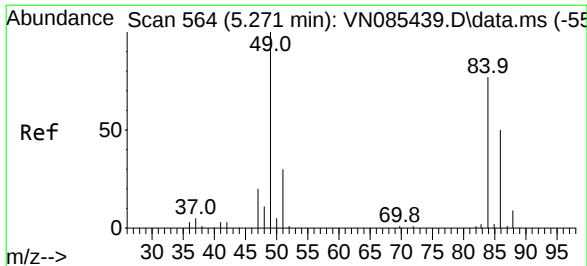


#16
Acetone
Concen: 49.153 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085611.D
Acq: 31 Jan 2025 18:53



Tgt Ion: 43 Resp: 39992
Ion Ratio Lower Upper
43 100
58 26.2 23.8 35.6





#20

Methylene Chloride

Concen: 4.029 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN085611.D

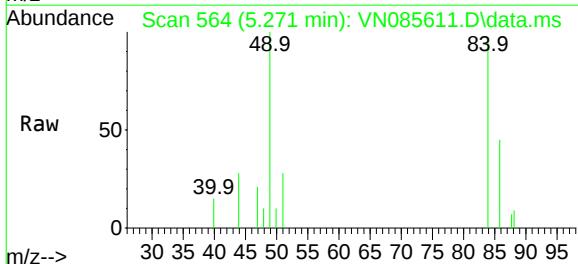
Acq: 31 Jan 2025 18:53

Instrument :

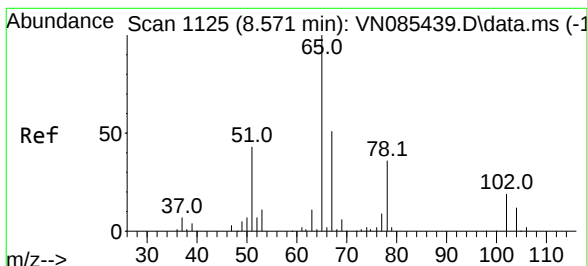
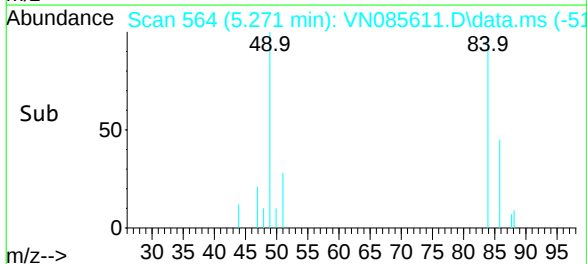
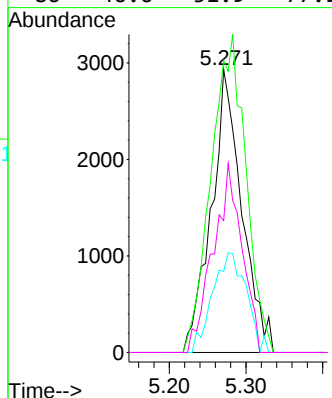
MSVOA_N

ClientSampleId :

PB166357ZHE#16



Tgt Ion:	84	Resp:	8115
Ion	Ratio	Lower	Upper
84	100		
49	103.2	104.1	156.1#
51	28.7	31.0	46.4#
86	46.6	51.9	77.9#



#33

1,2-Dichloroethane-d4

Concen: 60.703 ug/l

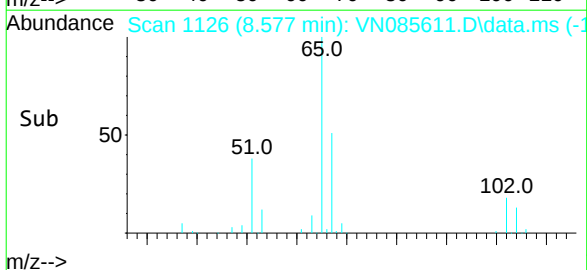
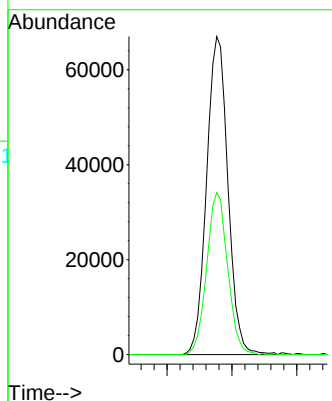
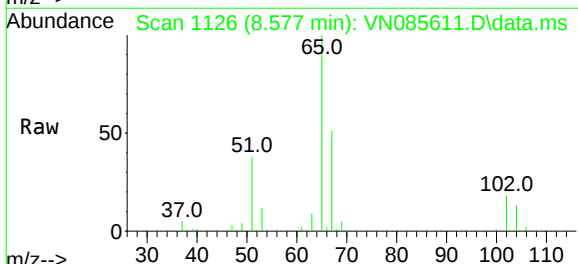
RT: 8.577 min Scan# 1126

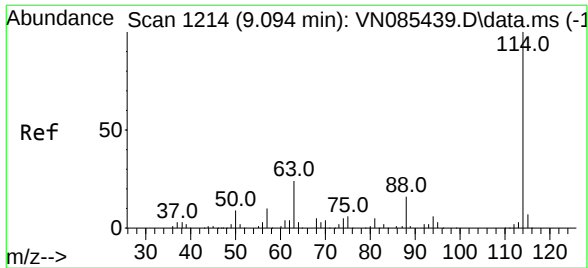
Delta R.T. 0.006 min

Lab File: VN085611.D

Acq: 31 Jan 2025 18:53

Tgt Ion:	65	Resp:	152857
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.6

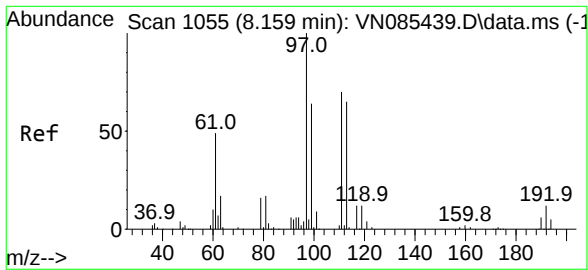
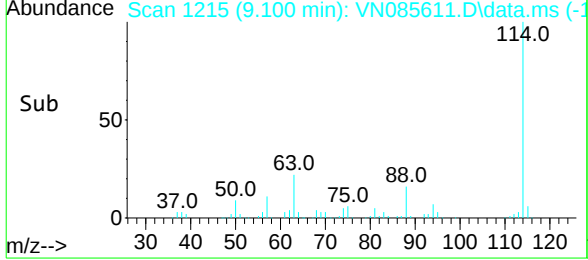
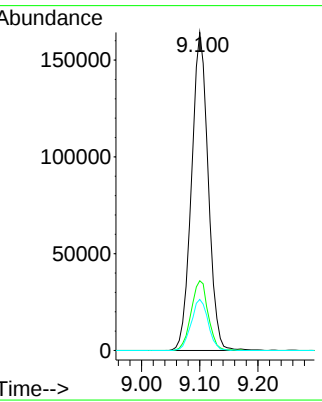
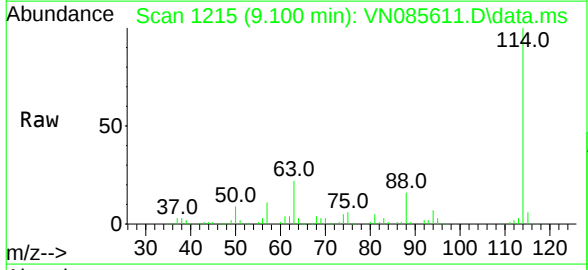




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085611.D
 Acq: 31 Jan 2025 18:53

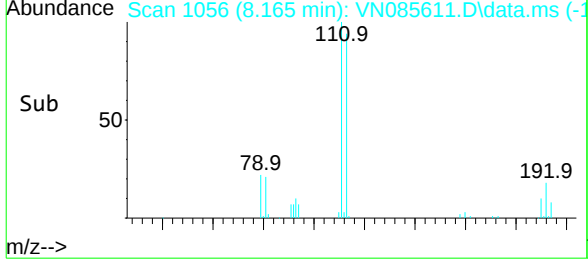
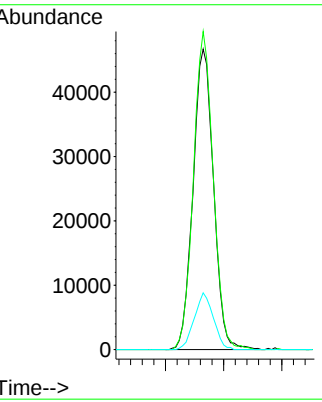
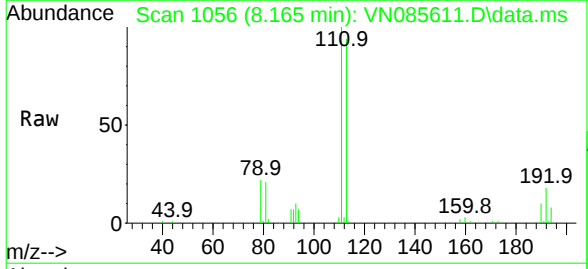
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#16

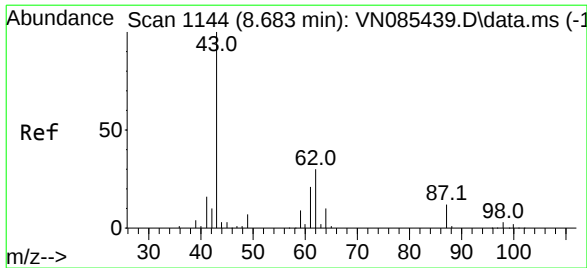
Tgt Ion:	114	Resp:	326939
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	47.6
88	16.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.385 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085611.D
 Acq: 31 Jan 2025 18:53

Tgt Ion:	113	Resp:	114281
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	17.6	14.3	21.5

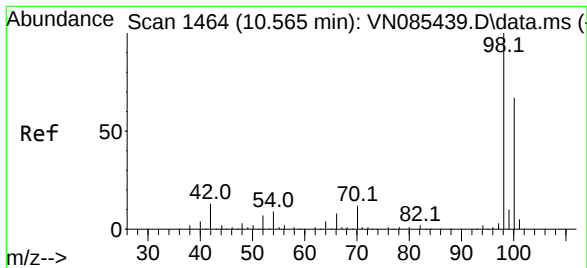
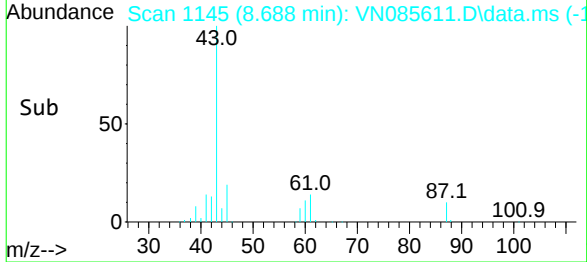
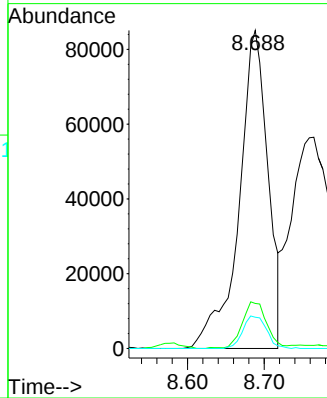
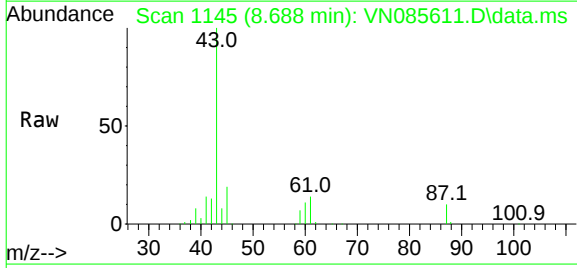




#43
Isopropyl Acetate
Concen: 43.404 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085611.D
Acq: 31 Jan 2025 18:53

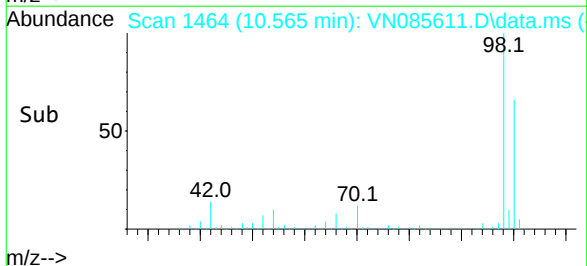
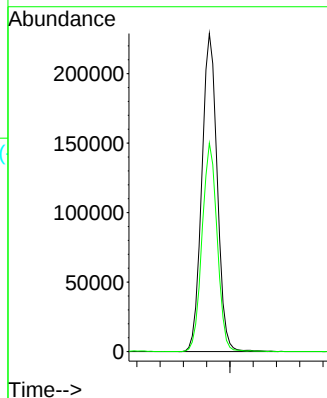
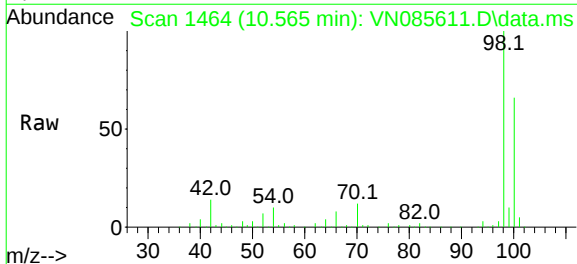
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#16

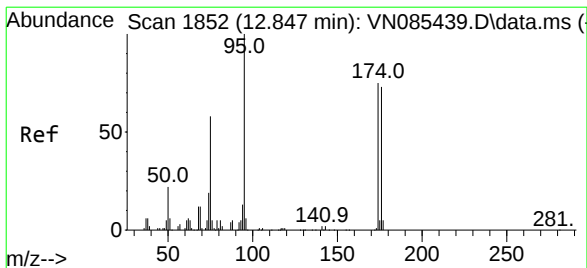
Tgt Ion: 43 Resp: 223465
Ion Ratio Lower Upper
43 100
61 12.4 20.7 31.1#
87 8.4 9.8 14.8#



#50
Toluene-d8
Concen: 52.150 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085611.D
Acq: 31 Jan 2025 18:53

Tgt Ion: 98 Resp: 420261
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 44.965 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085611.D

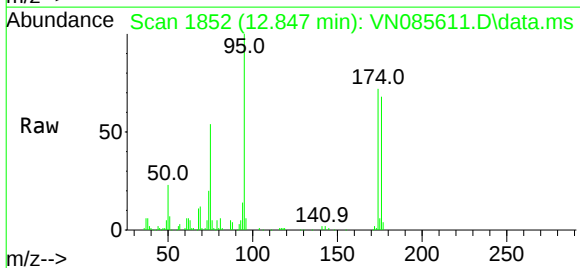
Acq: 31 Jan 2025 18:53

Instrument :

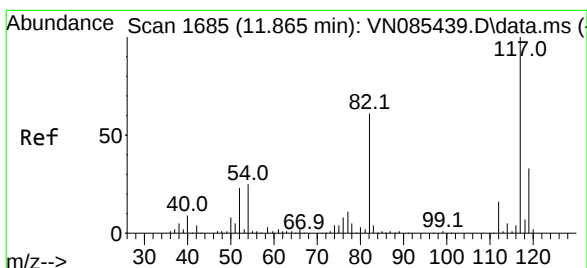
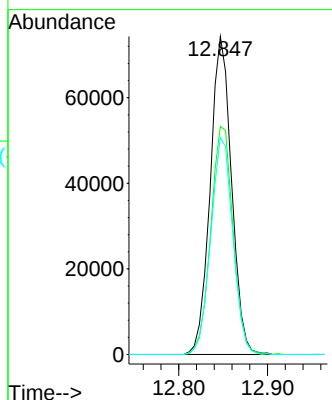
MSVOA_N

ClientSampleId :

PB166357ZHE#16



Tgt Ion:	95	Resp:	123955
Ion Ratio	Lower	Upper	
95	100		
174	74.6	0.0	145.0
176	70.7	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

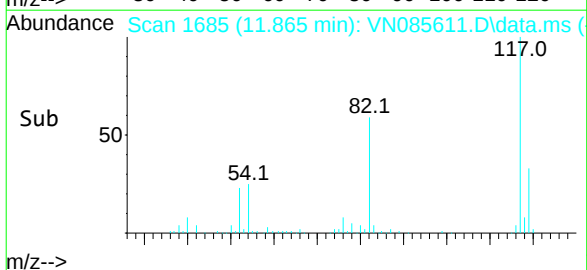
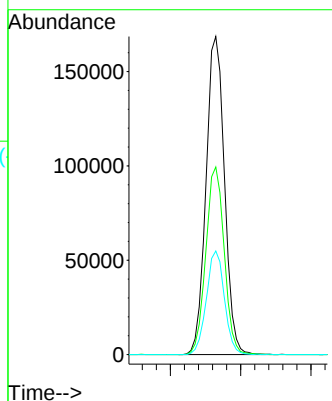
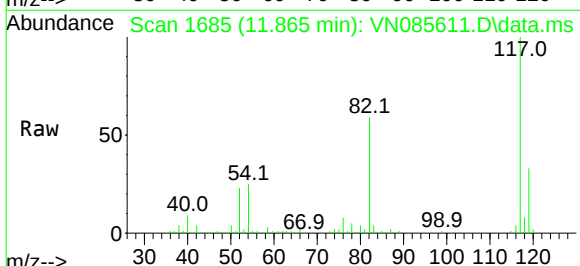
RT: 11.865 min Scan# 1685

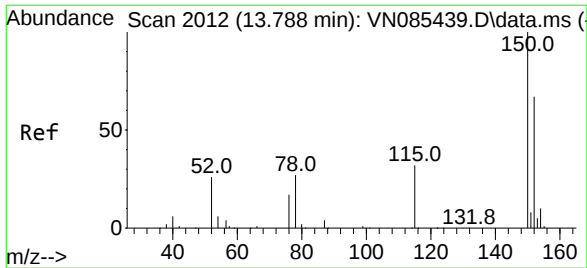
Delta R.T. -0.000 min

Lab File: VN085611.D

Acq: 31 Jan 2025 18:53

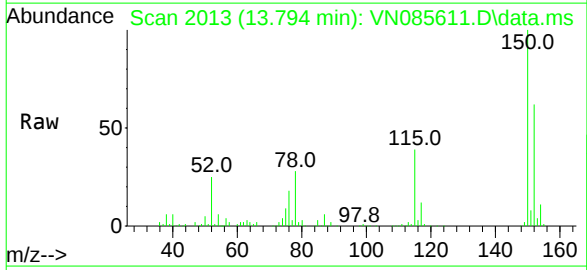
Tgt Ion:	117	Resp:	307240
Ion Ratio	Lower	Upper	
117	100		
82	59.0	48.6	72.8
119	32.6	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085611.D
 Acq: 31 Jan 2025 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#16



Tgt Ion:152 Resp: 107910
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.1 93.3
 150 157.4 0.0 343.6

