

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085607.D
 Acq On : 31 Jan 2025 17:16
 Operator : JC\MD
 Sample : PB166357ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#12

Quant Time: Jan 31 22:32:03 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)

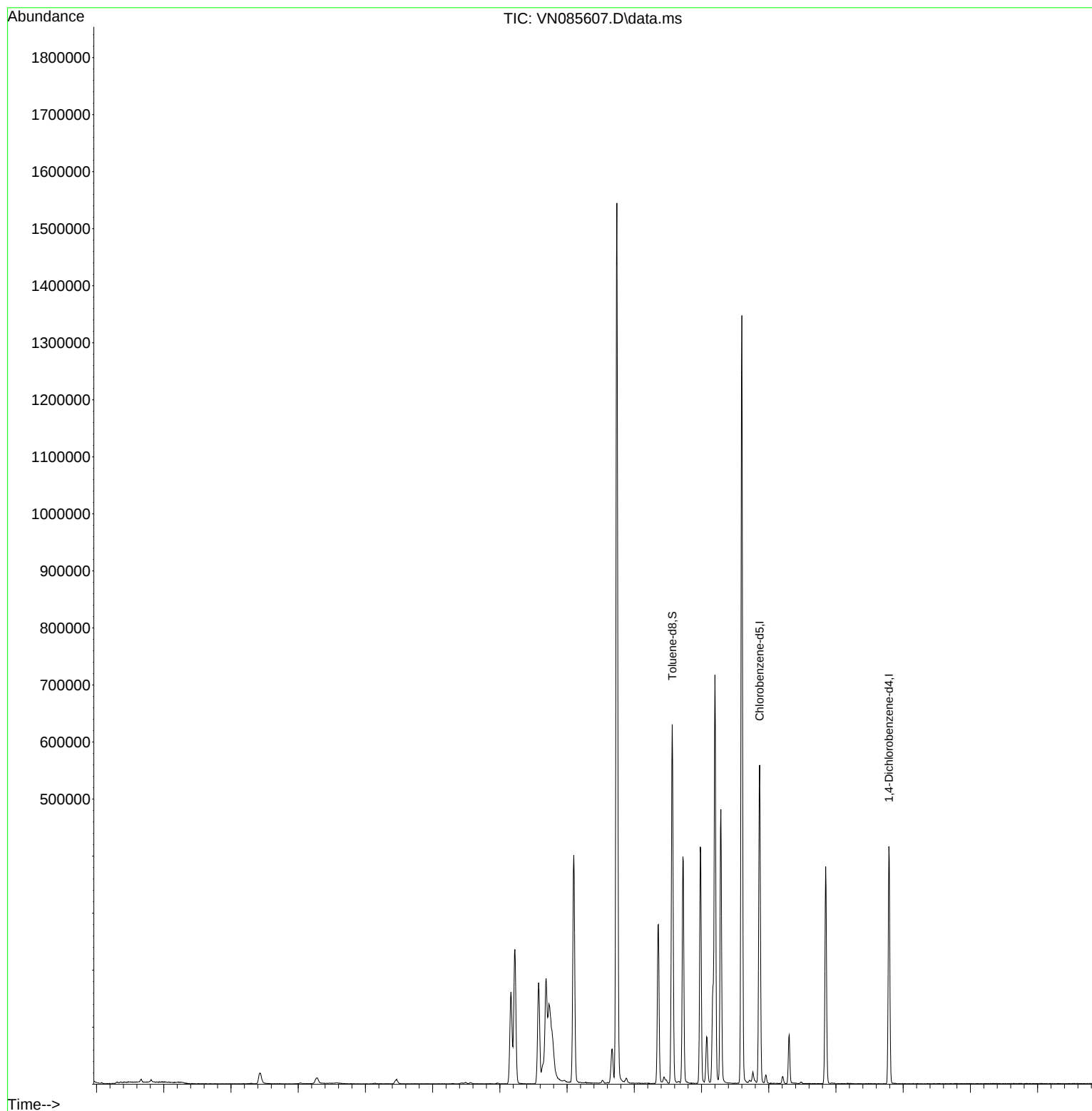
Internal Standards						
1) Pentafluorobenzene	8.224	168	158537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149164	58.287	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.580%	
35) Dibromofluoromethane	8.165	113	112435	49.965	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.940%	
50) Toluene-d8	10.565	98	413718	51.746	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.500%	
62) 4-Bromofluorobenzene	12.847	95	122032	44.620	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	89.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	38673	46.770	ug/l	93
20) Methylene Chloride	5.283	84	7809	3.815	ug/l	96
43) Isopropyl Acetate	8.688	43	243046	47.583	ug/l #	78

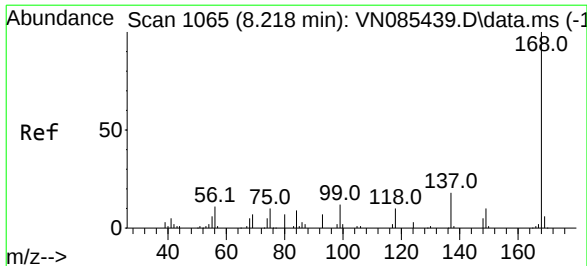
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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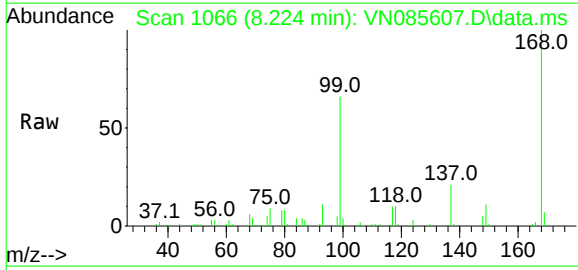
Quant Time: Jan 31 22:32:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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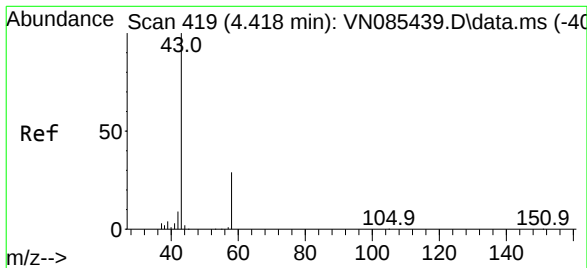
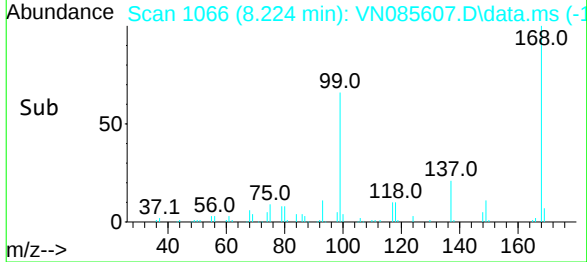
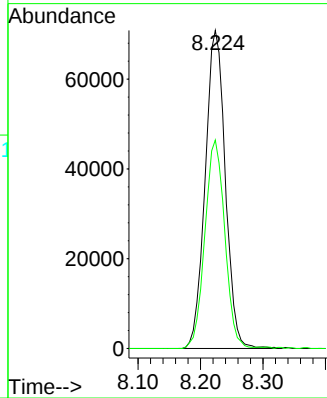


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085607.D
Acq: 31 Jan 2025 17:16

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#12

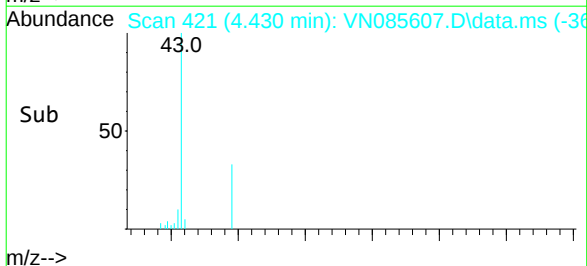
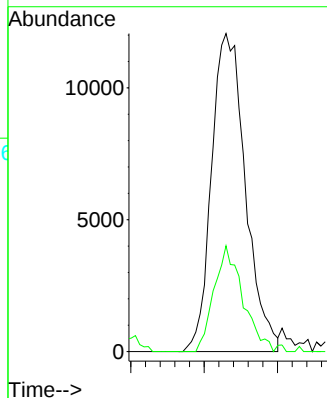
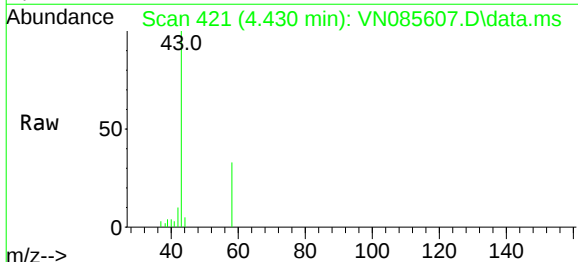


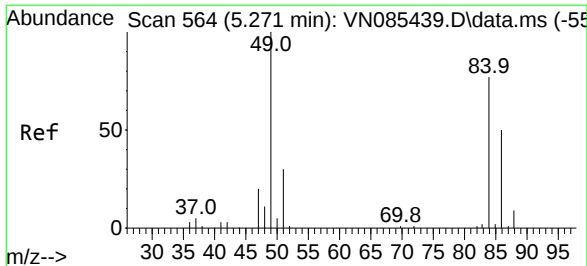
Tgt Ion:168 Resp: 158537
Ion Ratio Lower Upper
168 100
99 65.5 53.6 80.4



#16
Acetone
Concen: 46.770 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085607.D
Acq: 31 Jan 2025 17:16

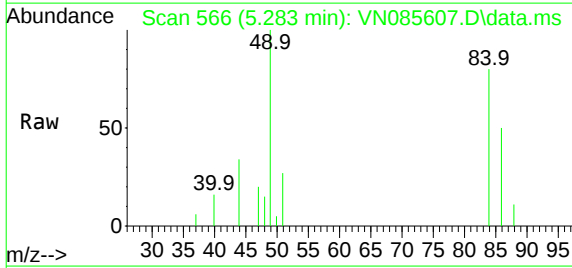
Tgt Ion: 43 Resp: 38673
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.6



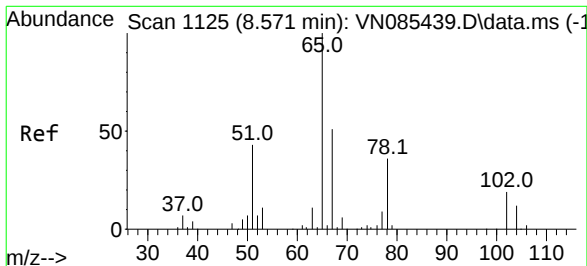
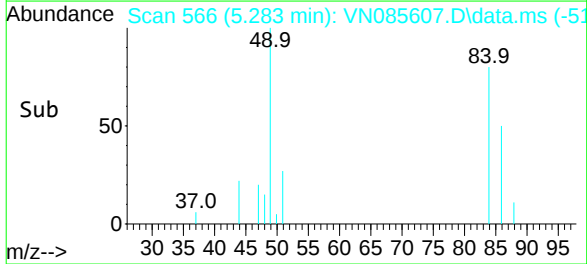
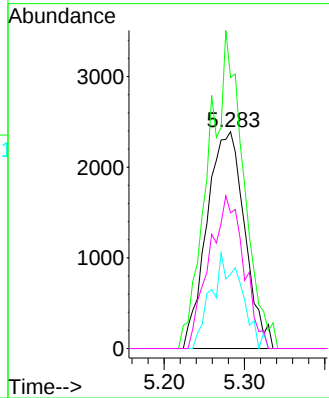


#20
Methylene Chloride
Concen: 3.815 ug/l
RT: 5.283 min Scan# 56
Delta R.T. 0.012 min
Lab File: VN085607.D
Acq: 31 Jan 2025 17:16

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#12

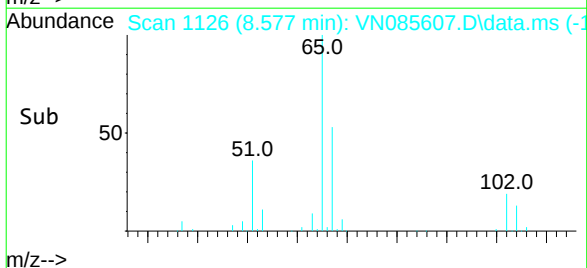
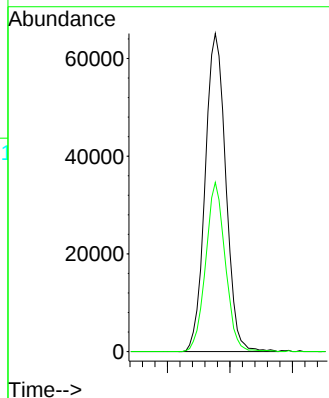
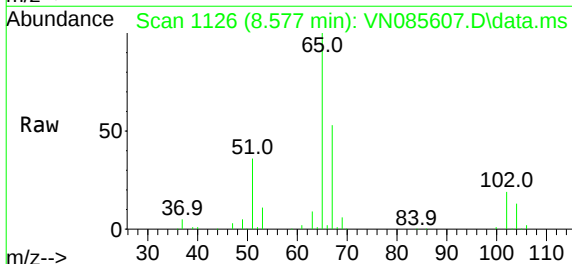


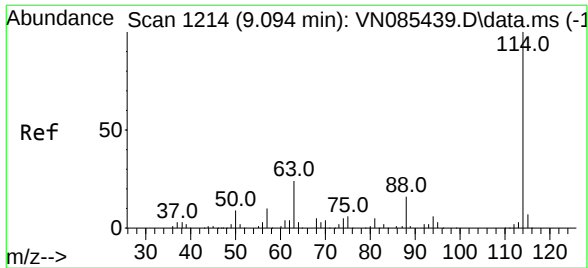
Tgt Ion:	84	Resp:	7809
Ion	Ratio	Lower	Upper
84	100		
49	125.1	104.1	156.1
51	34.3	31.0	46.4
86	62.6	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 58.287 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085607.D
Acq: 31 Jan 2025 17:16

Tgt Ion:	65	Resp:	149164
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6

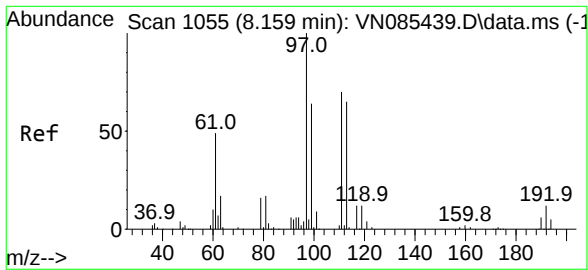
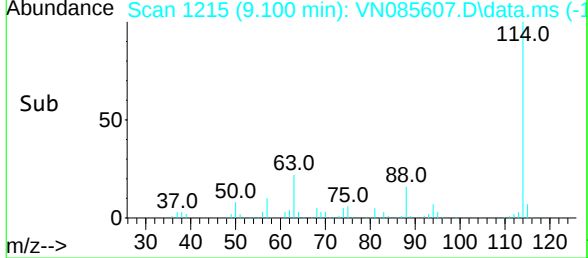
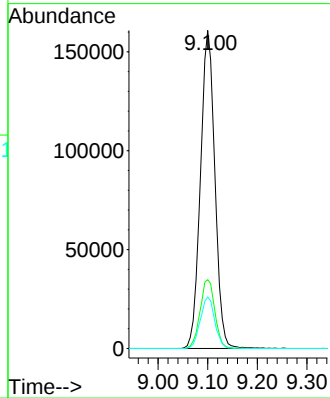
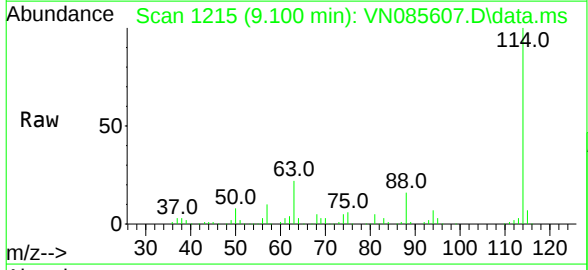




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085607.D
 Acq: 31 Jan 2025 17:16

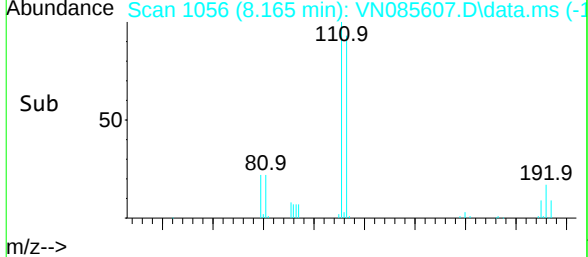
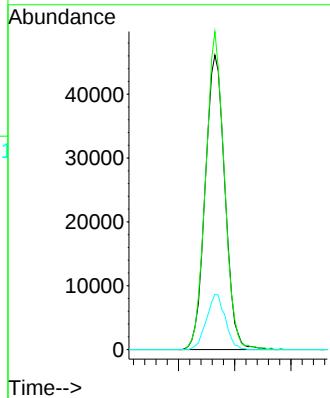
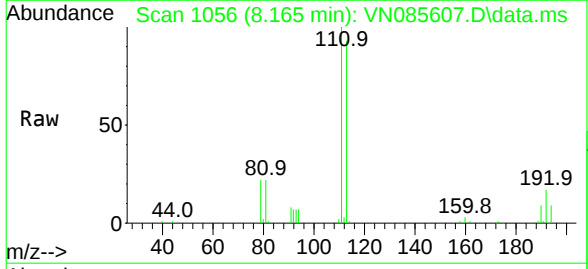
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#12

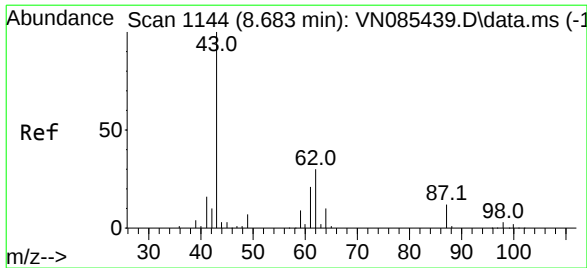
Tgt Ion:	114	Resp:	324359
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	47.6
88	16.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.965 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085607.D
 Acq: 31 Jan 2025 17:16

Tgt Ion:	113	Resp:	112435
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	17.9	14.3	21.5





#43

Isopropyl Acetate

Concen: 47.583 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085607.D

Acq: 31 Jan 2025 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#12

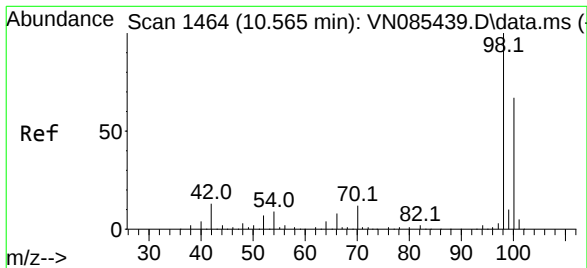
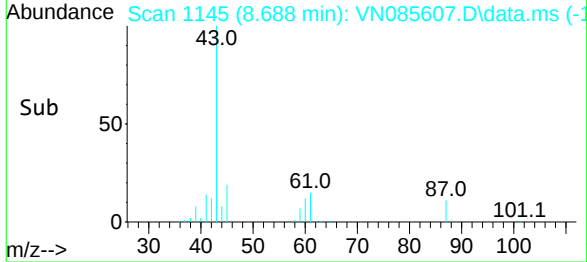
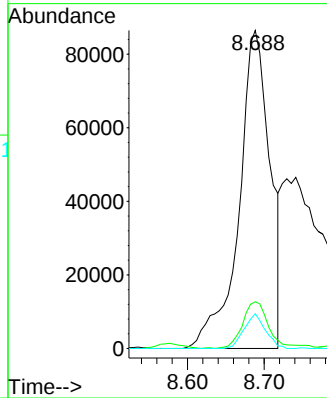
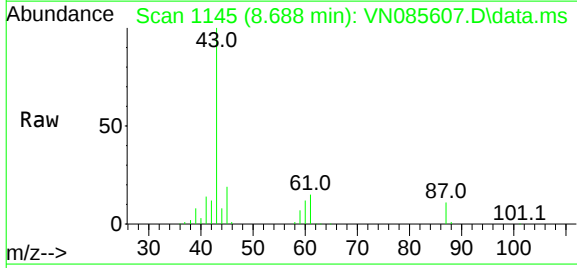
Tgt Ion: 43 Resp: 243046

Ion Ratio Lower Upper

43 100

61 12.7 20.7 31.1#

87 7.5 9.8 14.8#



#50

Toluene-d8

Concen: 51.746 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085607.D

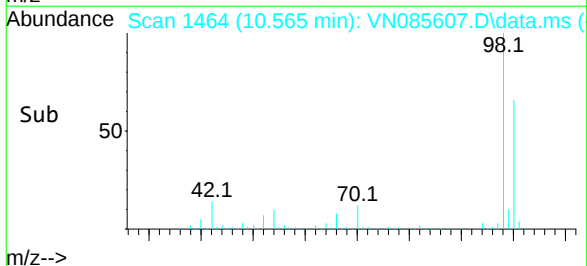
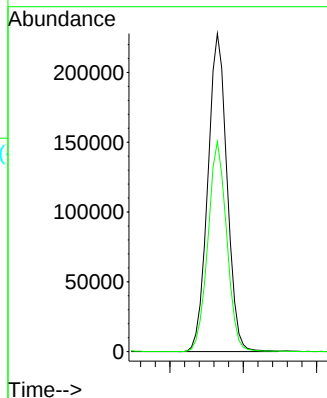
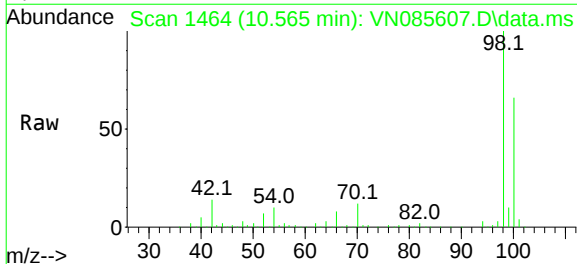
Acq: 31 Jan 2025 17:16

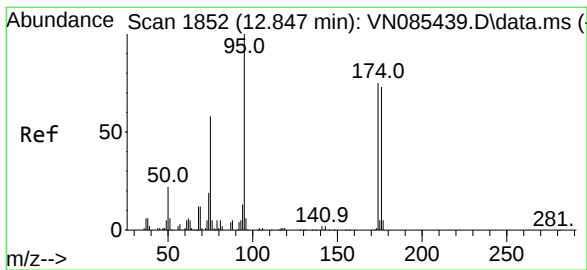
Tgt Ion: 98 Resp: 413718

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4

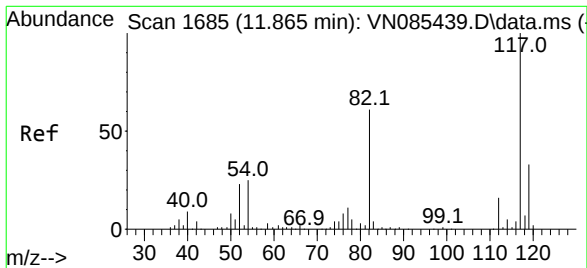
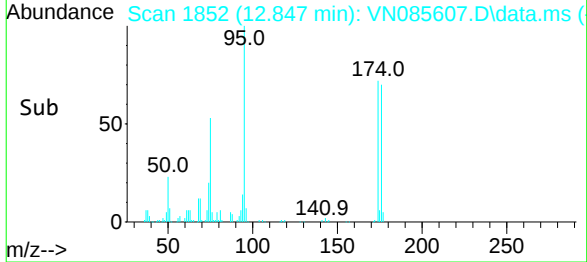
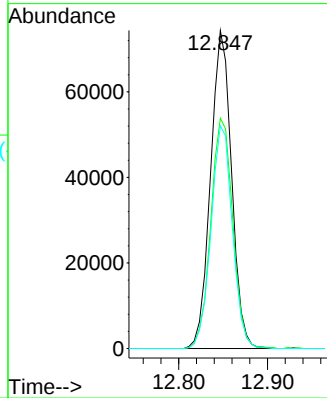
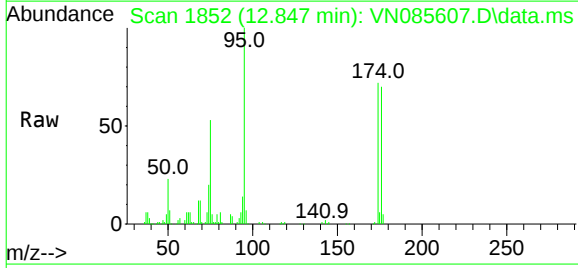




#62
4-Bromofluorobenzene
Concen: 44.620 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085607.D
Acq: 31 Jan 2025 17:16

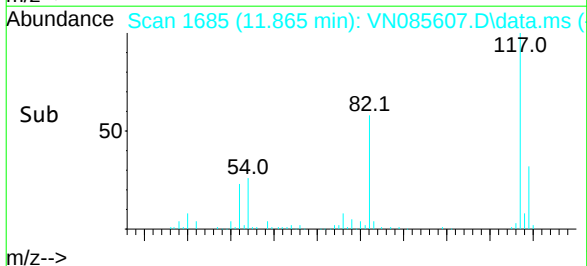
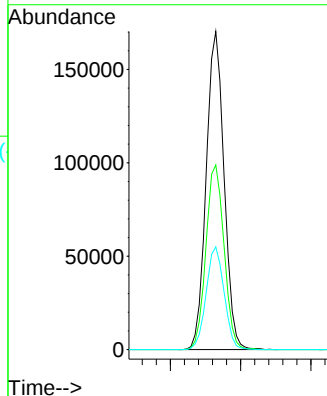
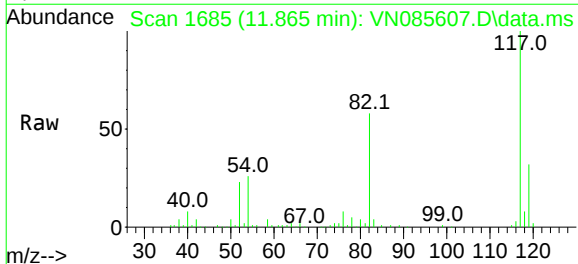
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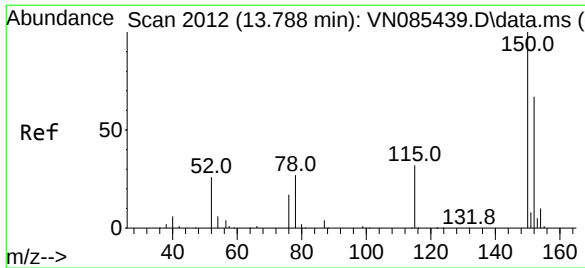
Tgt Ion: 95 Resp: 122032
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 71.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085607.D
Acq: 31 Jan 2025 17:16

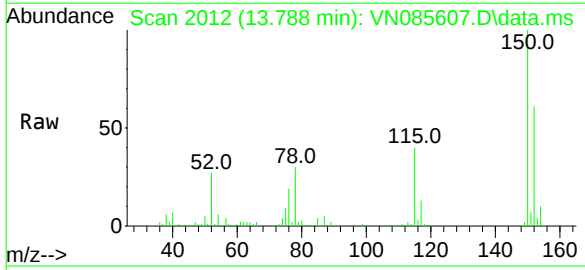
Tgt Ion: 117 Resp: 300427
Ion Ratio Lower Upper
117 100
82 58.1 48.6 72.8
119 32.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085607.D
 Acq: 31 Jan 2025 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#12



Tgt Ion:	152	Resp:	106376
Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.1	93.3
150	158.7	0.0	343.6

