

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084264.D
 Acq On : 02 Oct 2024 14:57
 Operator : JC\MD
 Sample : P4226-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT14911-20240924

Quant Time: Oct 03 01:59:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

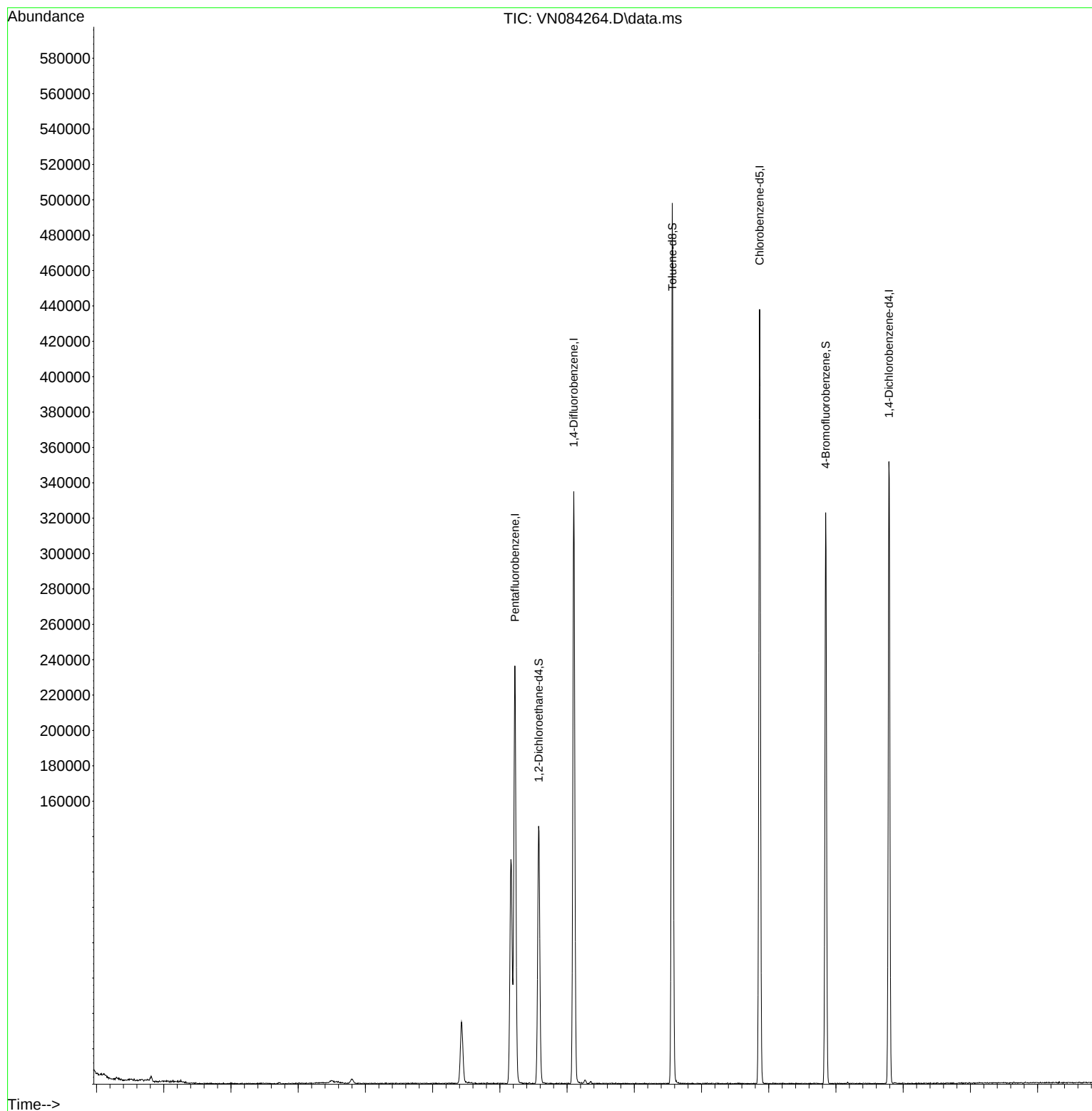
Internal Standards						
1) Pentafluorobenzene	8.224	168	163663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120611	49.704	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.400%	
35) Dibromofluoromethane	8.165	113	93679	51.114	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.220%	
50) Toluene-d8	10.565	98	339620	50.367	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.740%	
62) 4-Bromofluorobenzene	12.847	95	112545	45.815	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.640%	
Target Compounds						
19) Methyl tert-butyl Ether	5.794	73	4282	0.688	ug/l	Qvalue 96

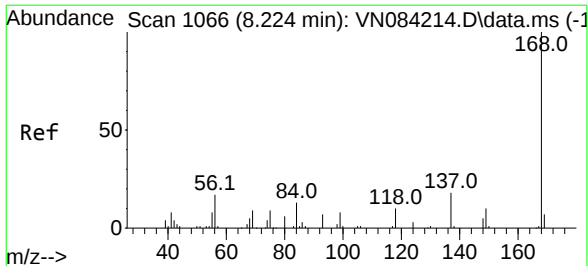
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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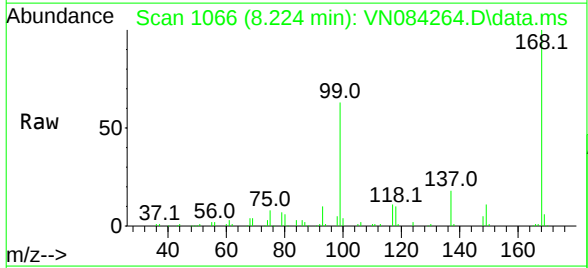
Quant Time: Oct 03 01:59:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



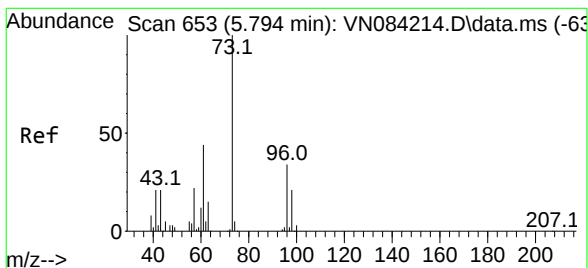
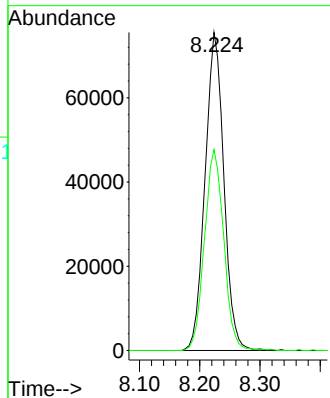
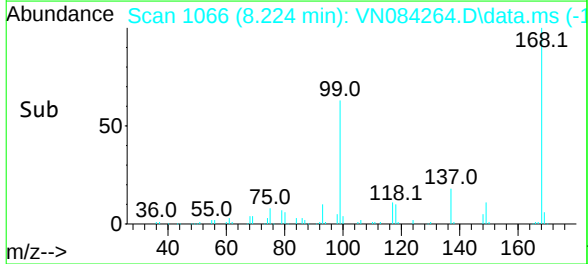


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084264.D
Acq: 02 Oct 2024 14:57

Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

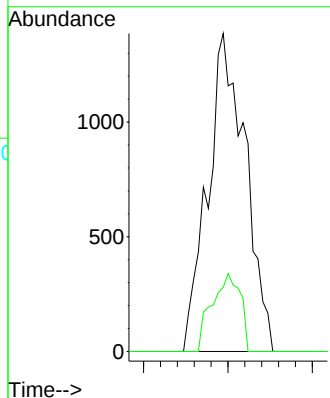
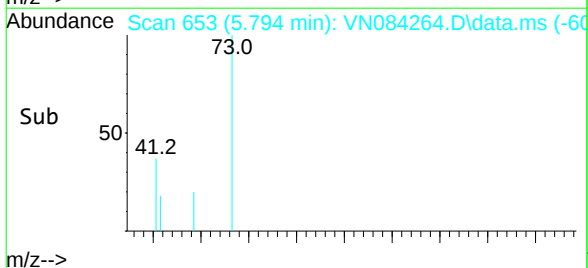
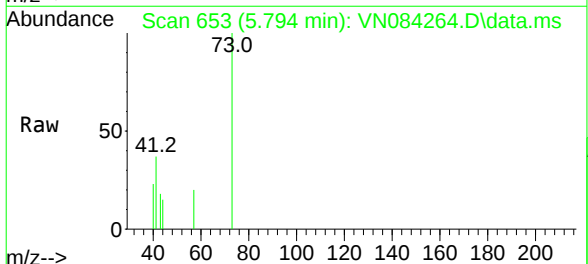


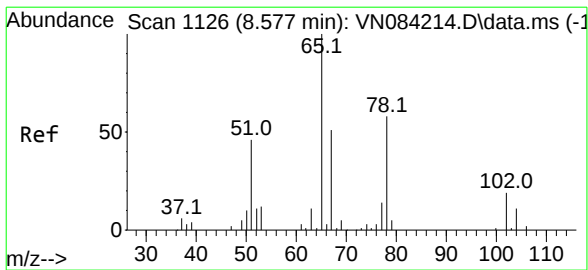
Tgt Ion:168 Resp: 163663
Ion Ratio Lower Upper
168 100
99 63.2 54.2 81.2



#19
Methyl tert-butyl Ether
Concen: 0.688 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN084264.D
Acq: 02 Oct 2024 14:57

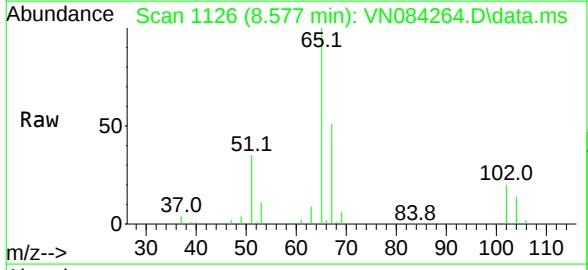
Tgt Ion: 73 Resp: 4282
Ion Ratio Lower Upper
73 100
57 20.2 17.7 26.5





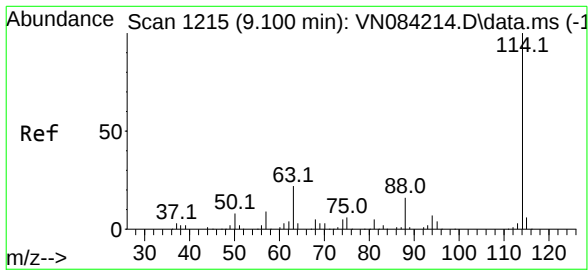
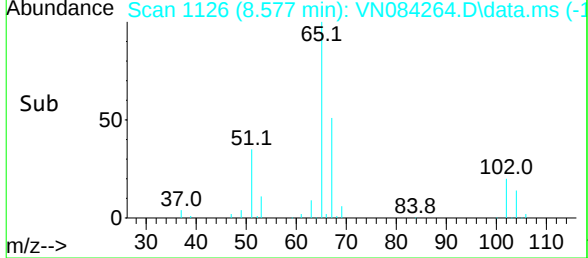
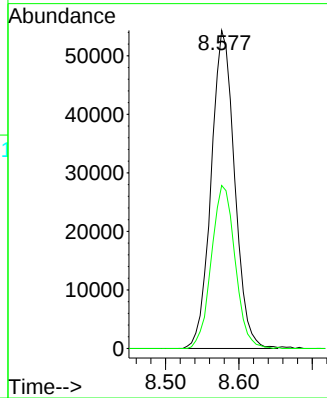
#33
 1,2-Dichloroethane-d4
 Concen: 49.704 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084264.D
 Acq: 02 Oct 2024 14:57

Instrument :
 MSVOA_N
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 TT14911-20240924



Tgt Ion: 65 Resp: 120611

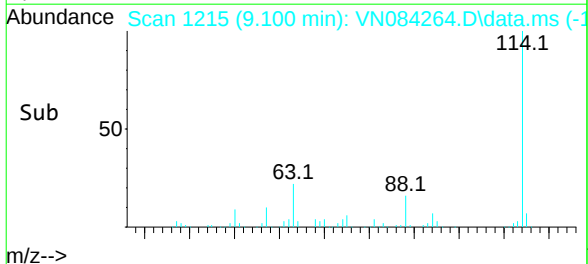
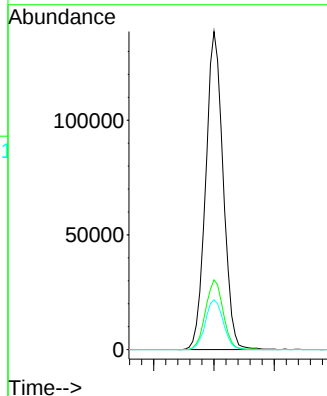
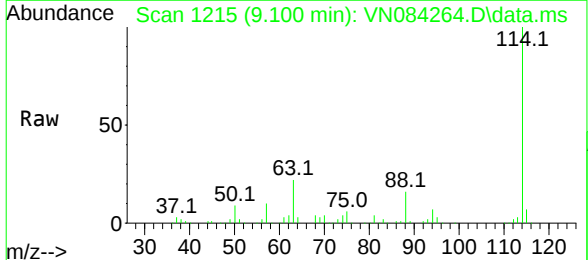
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.0

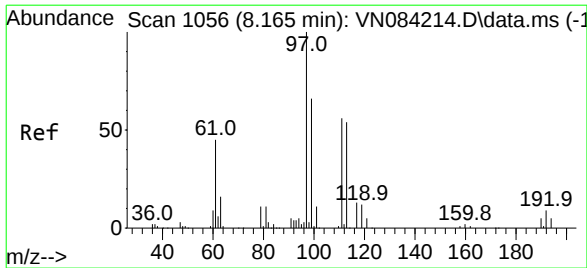


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084264.D
 Acq: 02 Oct 2024 14:57

Tgt Ion: 114 Resp: 278001

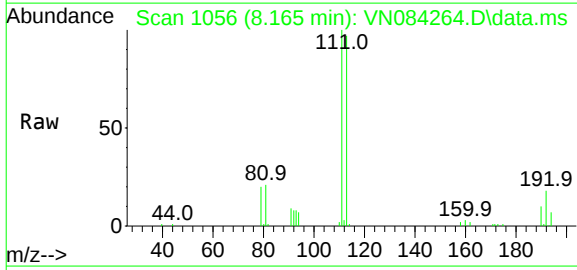
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	15.7	0.0	31.6





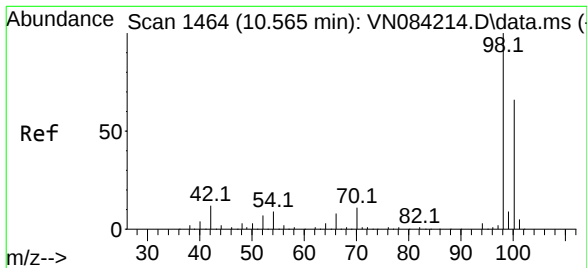
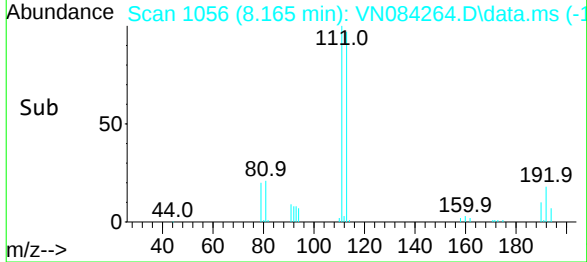
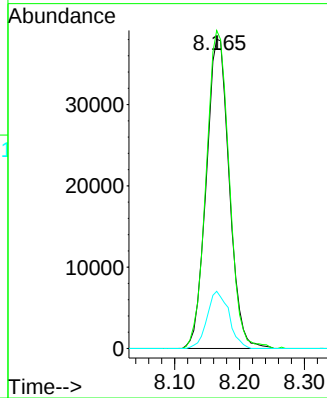
#35
 Dibromofluoromethane
 Concen: 51.114 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084264.D
 Acq: 02 Oct 2024 14:57

Instrument :
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 ClientSampleId :
 TT14911-20240924



Tgt Ion: 113 Resp: 93679

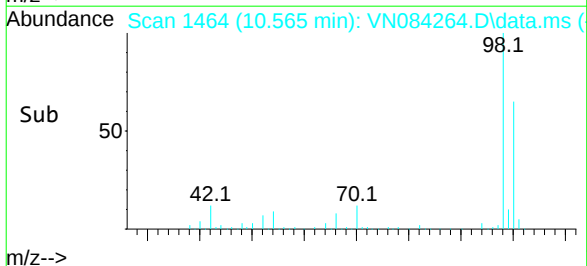
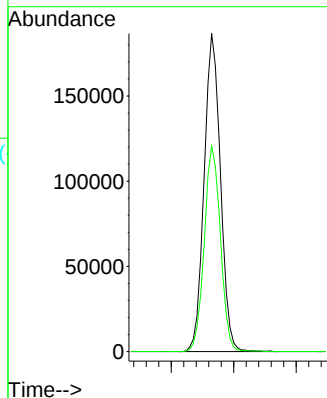
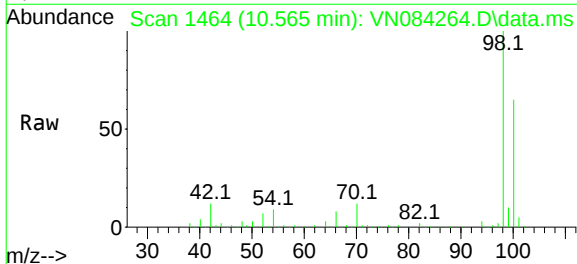
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.3	124.9
192	17.6	13.5	20.3

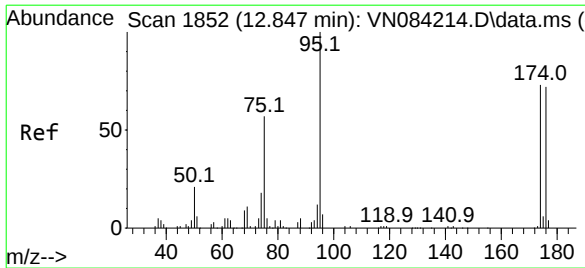


#50
 Toluene-d8
 Concen: 50.367 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN084264.D
 Acq: 02 Oct 2024 14:57

Tgt Ion: 98 Resp: 339620

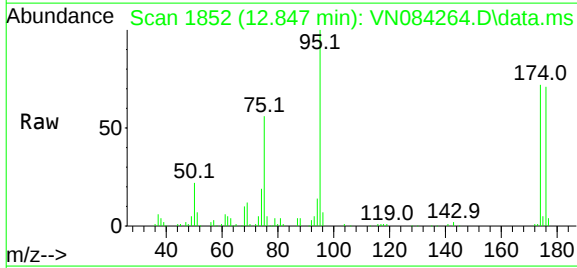
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.7	79.1



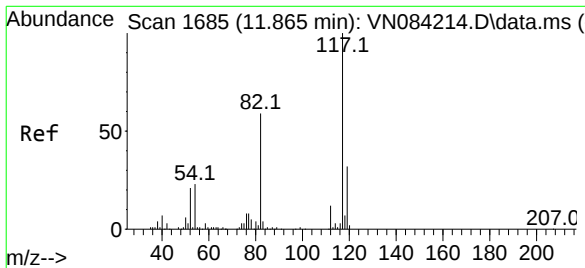
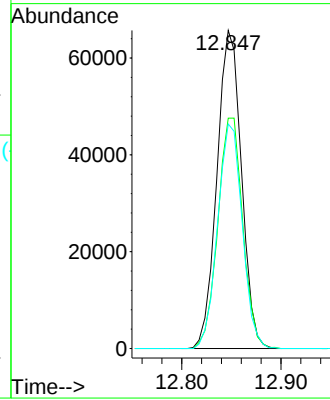
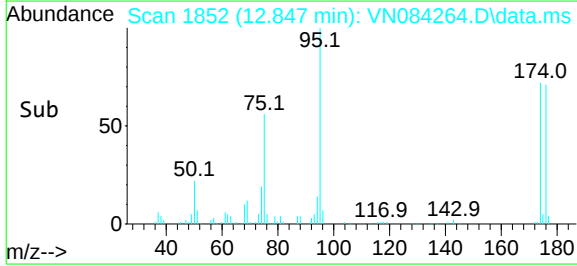


#62
4-Bromofluorobenzene
Concen: 45.815 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084264.D
Acq: 02 Oct 2024 14:57

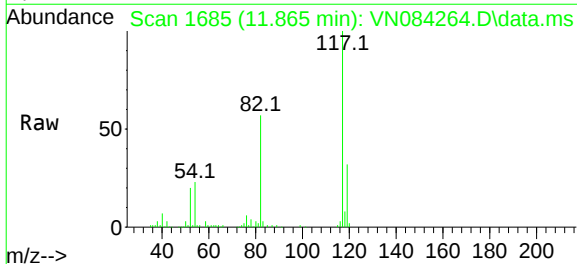
Instrument :
MSVOA_N
ClientSampleId :
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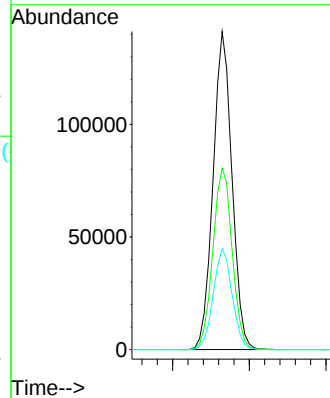
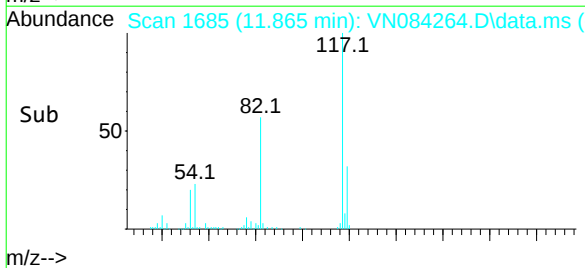
Tgt Ion: 95 Resp: 112545
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.2
176 71.0 0.0 140.0

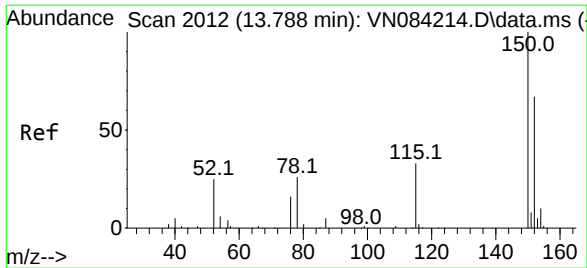


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084264.D
Acq: 02 Oct 2024 14:57



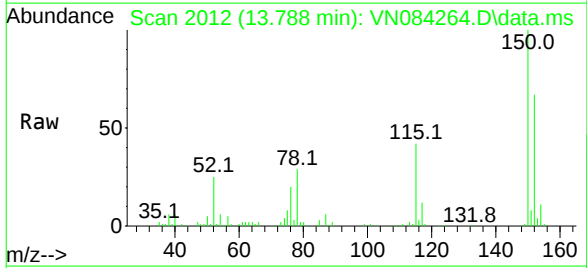
Tgt Ion: 117 Resp: 241393
Ion Ratio Lower Upper
117 100
82 57.0 47.2 70.8
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084264.D
 Acq: 02 Oct 2024 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TT14911-20240924



Tgt Ion:	152	Resp:	94746
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.3	93.9
150	155.7	0.0	349.8

