

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080576.D
 Acq On : 21 Dec 2023 16:15
 Operator : JC\MD
 Sample : 05914-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12000

Quant Time: Dec 22 04:02:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

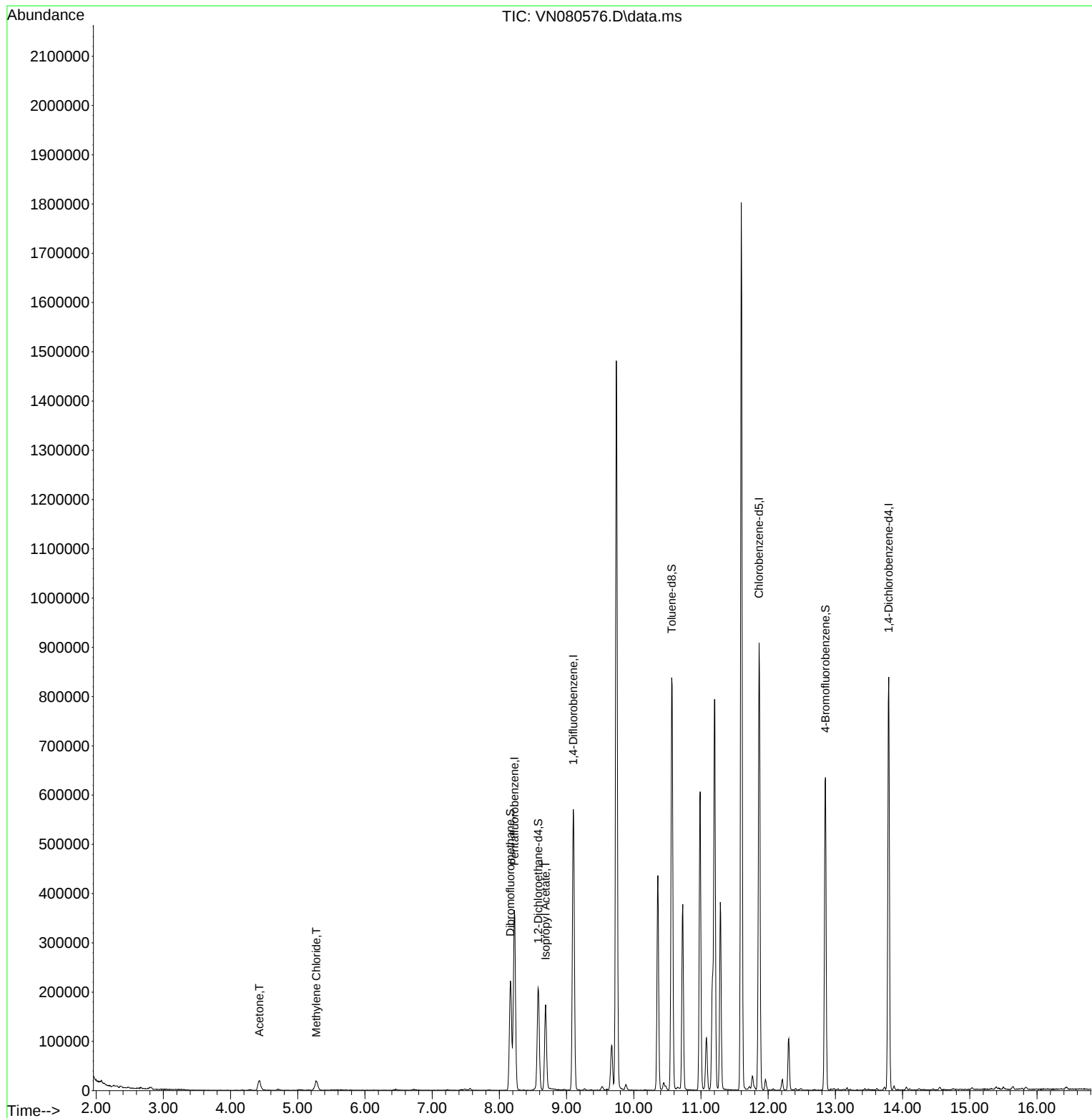
Internal Standards						
1) Pentafluorobenzene	8.224	168	263909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	509097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	528401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177232	52.580	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.160%		
35) Dibromofluoromethane	8.165	113	161382	49.996	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.000%		
50) Toluene-d8	10.565	98	605549	50.302	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.600%		
62) 4-Bromofluorobenzene	12.853	95	239036	52.291	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.580%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	38846	64.996	ug/l	88
20) Methylene Chloride	5.277	84	15628	4.886	ug/l #	89
43) Isopropyl Acetate	8.688	43	186563	31.395	ug/l #	88

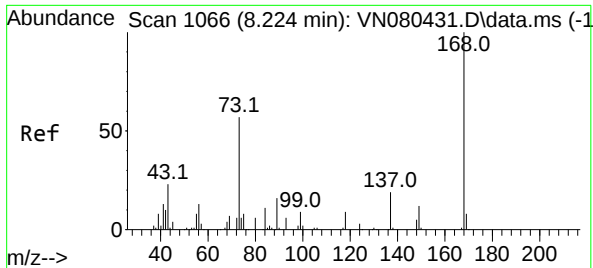
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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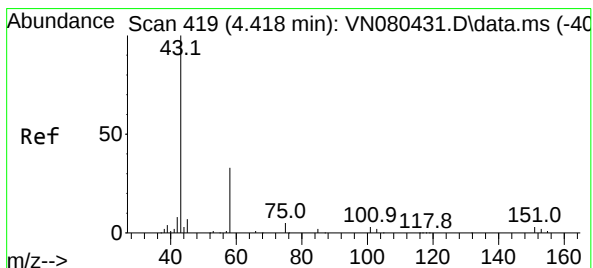
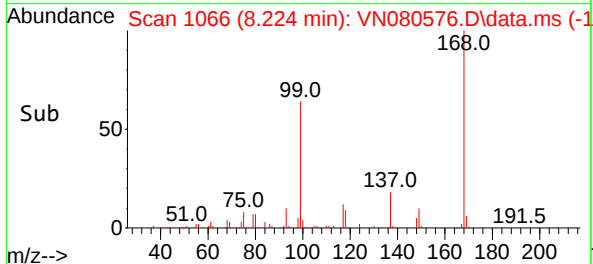
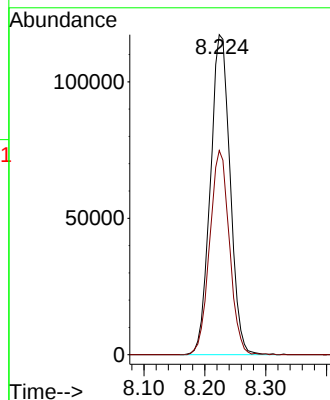
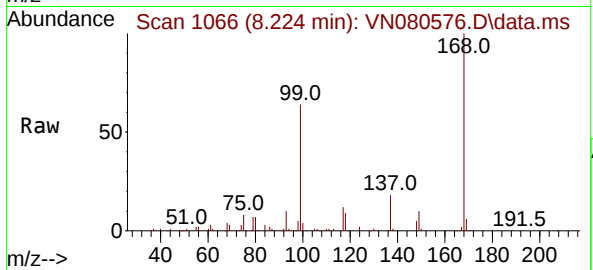




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

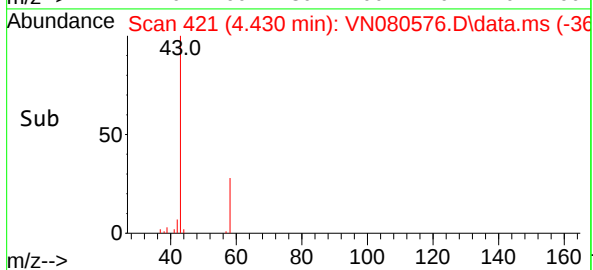
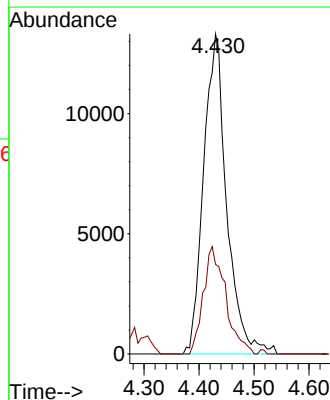
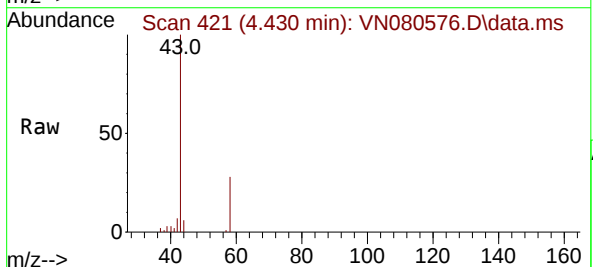
Instrument :
MSVOA_N
ClientSampleId :
72-12000

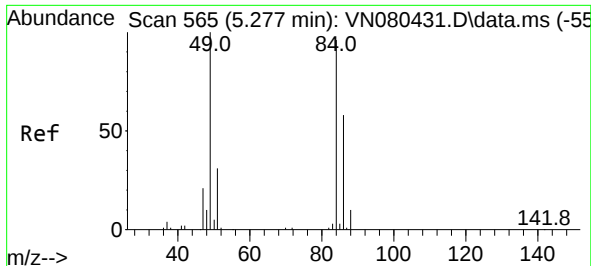
Tgt Ion:168 Resp: 263909
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#16
Acetone
Concen: 64.996 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

Tgt Ion: 43 Resp: 38846
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0

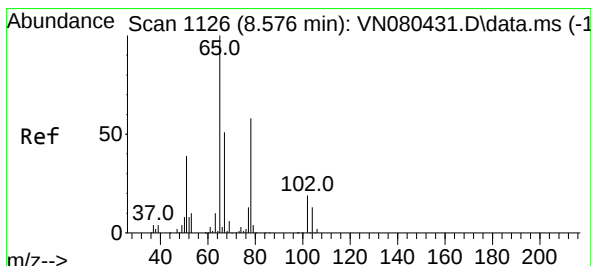
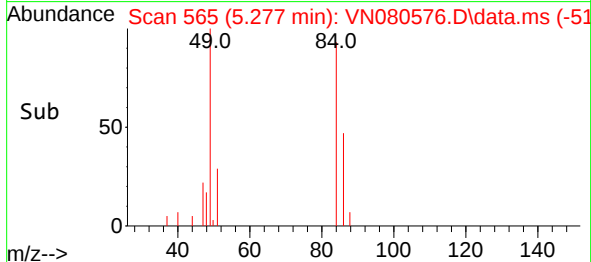
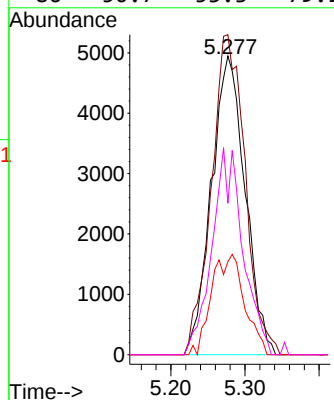
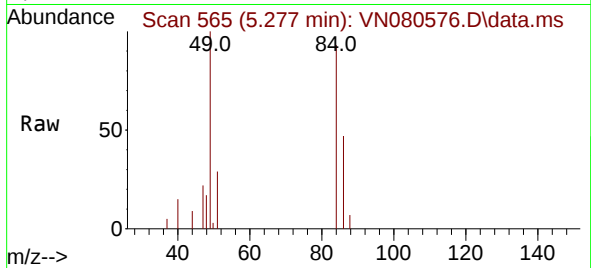




#20
Methylene Chloride
Concen: 4.886 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

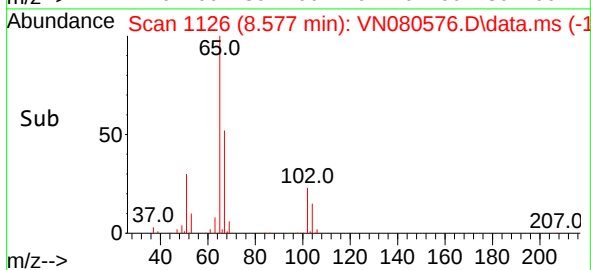
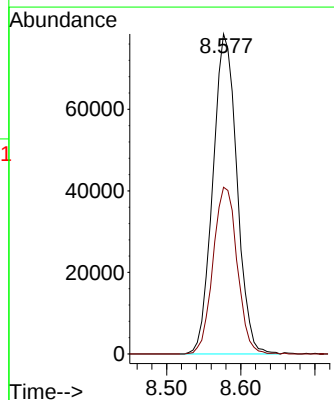
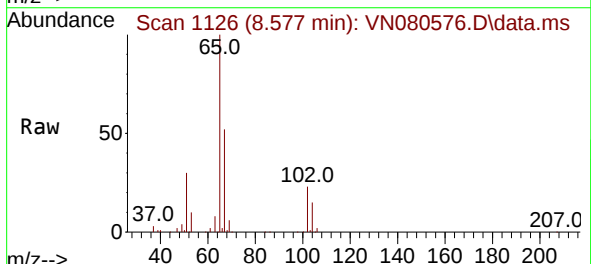
Instrument :
MSVOA_N
ClientSampleId :
72-12000

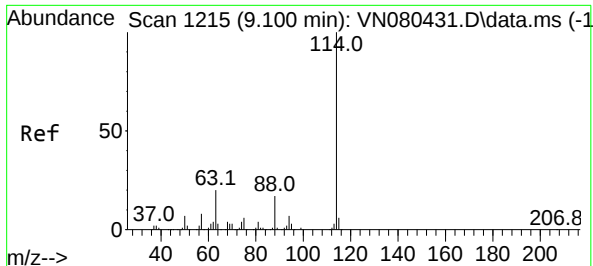
Tgt Ion:	84	Resp:	15628
Ion	Ratio	Lower	Upper
84	100		
49	107.1	79.7	119.5
51	31.1	25.2	37.8
86	50.7	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 52.580 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

Tgt Ion:	65	Resp:	177232
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080576.D

Acq: 21 Dec 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

72-12000

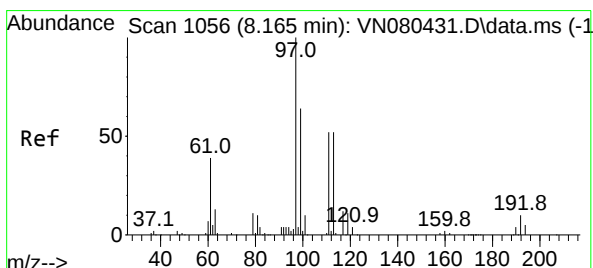
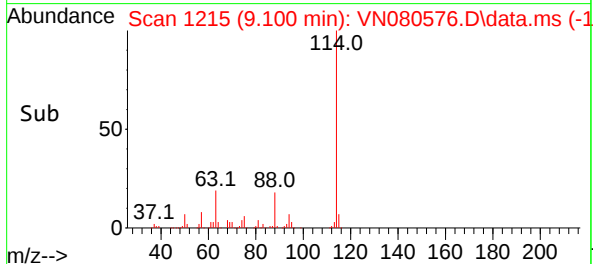
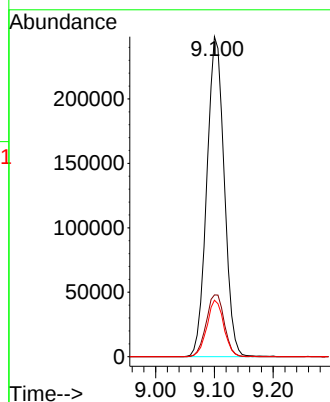
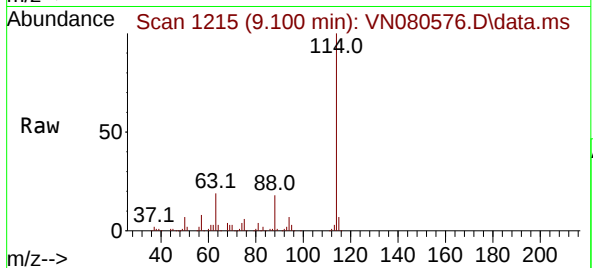
Tgt Ion:114 Resp: 509097

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.996 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080576.D

Acq: 21 Dec 2023 16:15

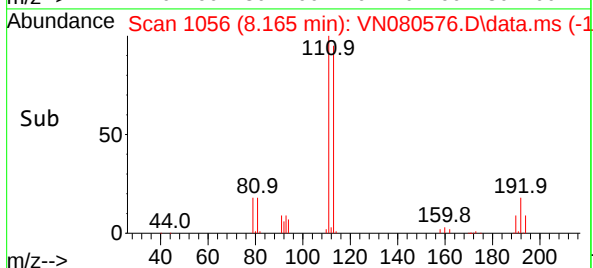
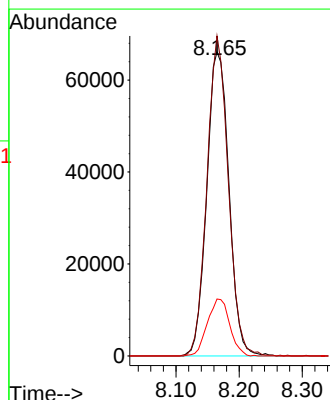
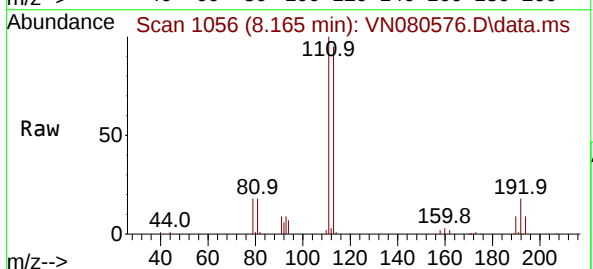
Tgt Ion:113 Resp: 161382

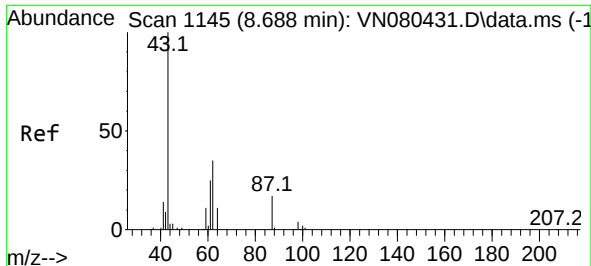
Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 18.8 12.7 19.1

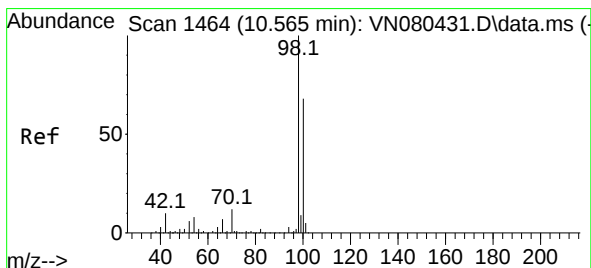
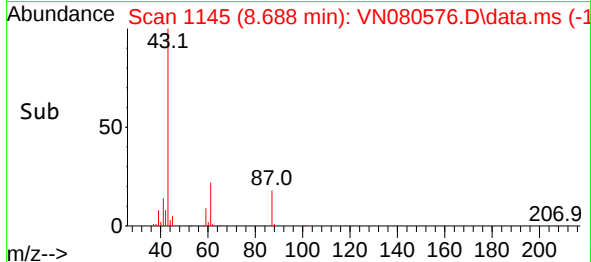
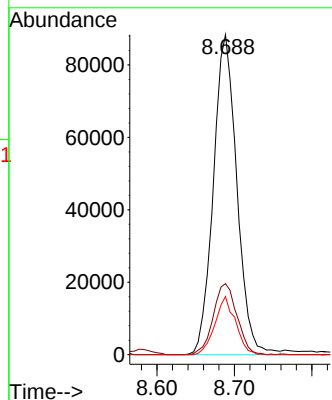
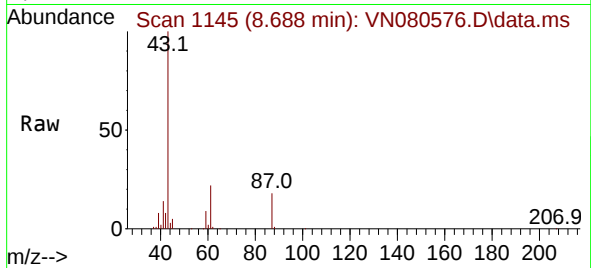




#43
Isopropyl Acetate
Concen: 31.395 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

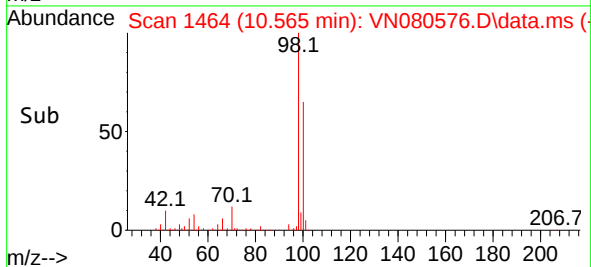
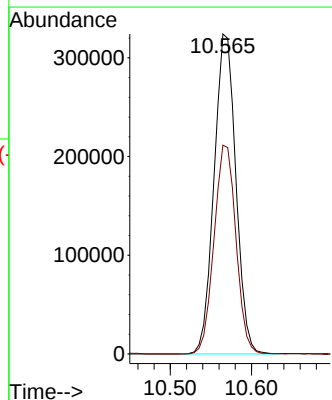
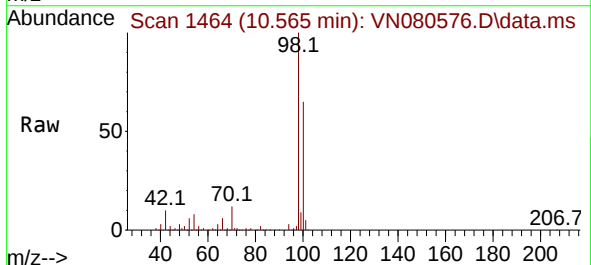
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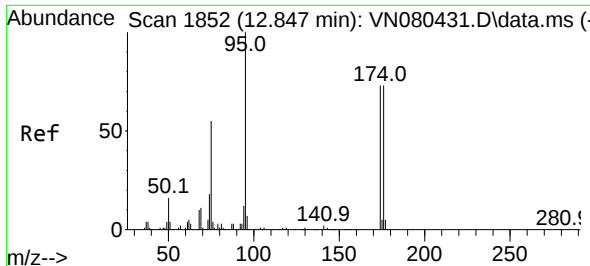
Tgt Ion: 43 Resp: 186563
Ion Ratio Lower Upper
43 100
61 22.4 24.7 37.1#
87 15.9 14.6 21.8



#50
Toluene-d8
Concen: 50.302 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

Tgt Ion: 98 Resp: 605549
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

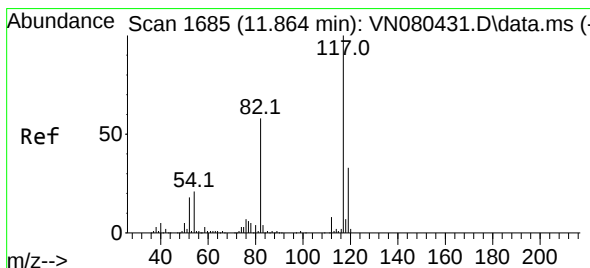
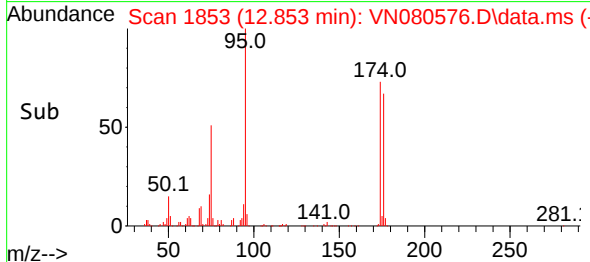
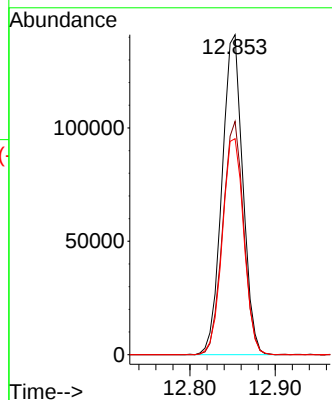
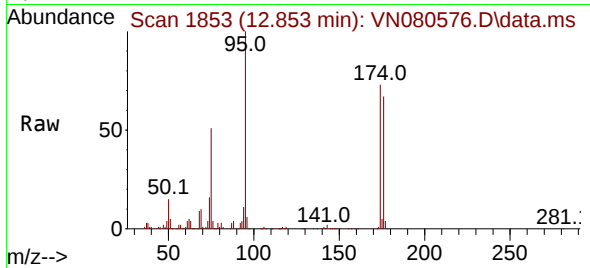




#62
4-Bromofluorobenzene
Concen: 52.291 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

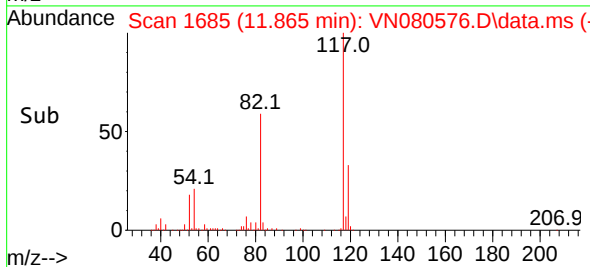
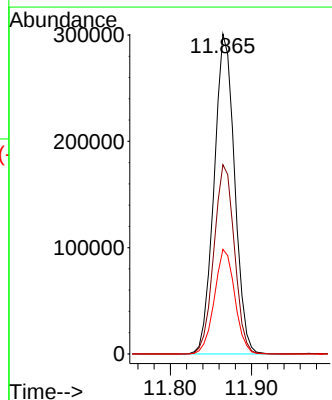
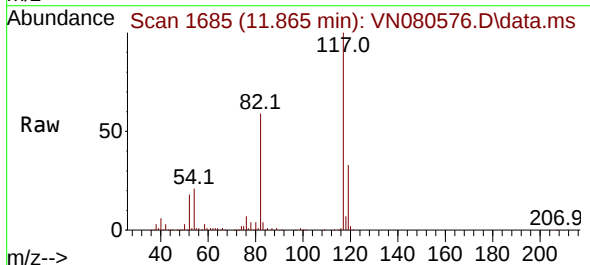
Instrument :
MSVOA_N
ClientSampleId :
72-12000

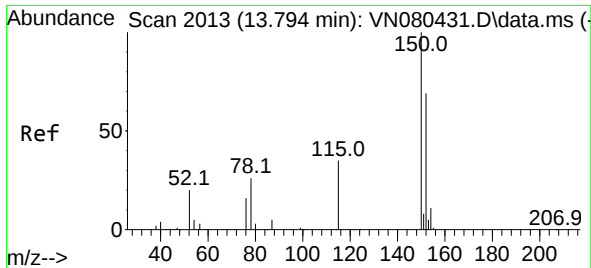
Tgt Ion: 95 Resp: 239036
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 69.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080576.D
Acq: 21 Dec 2023 16:15

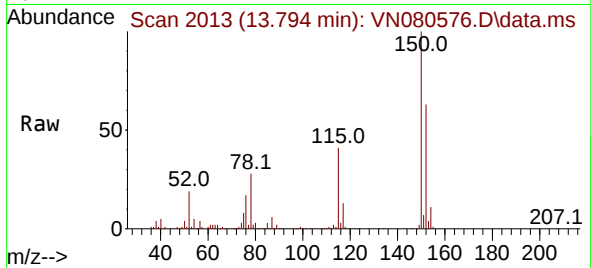
Tgt Ion: 117 Resp: 528401
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080576.D
 Acq: 21 Dec 2023 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12000



Tgt Ion:152 Resp: 225847
 Ion Ratio Lower Upper
 152 100
 115 66.3 32.3 96.8
 150 159.8 0.0 355.8

