

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080527.D
 Acq On : 19 Dec 2023 17:56
 Operator : JC\MD
 Sample : 05874-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 20 04:05:30 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)

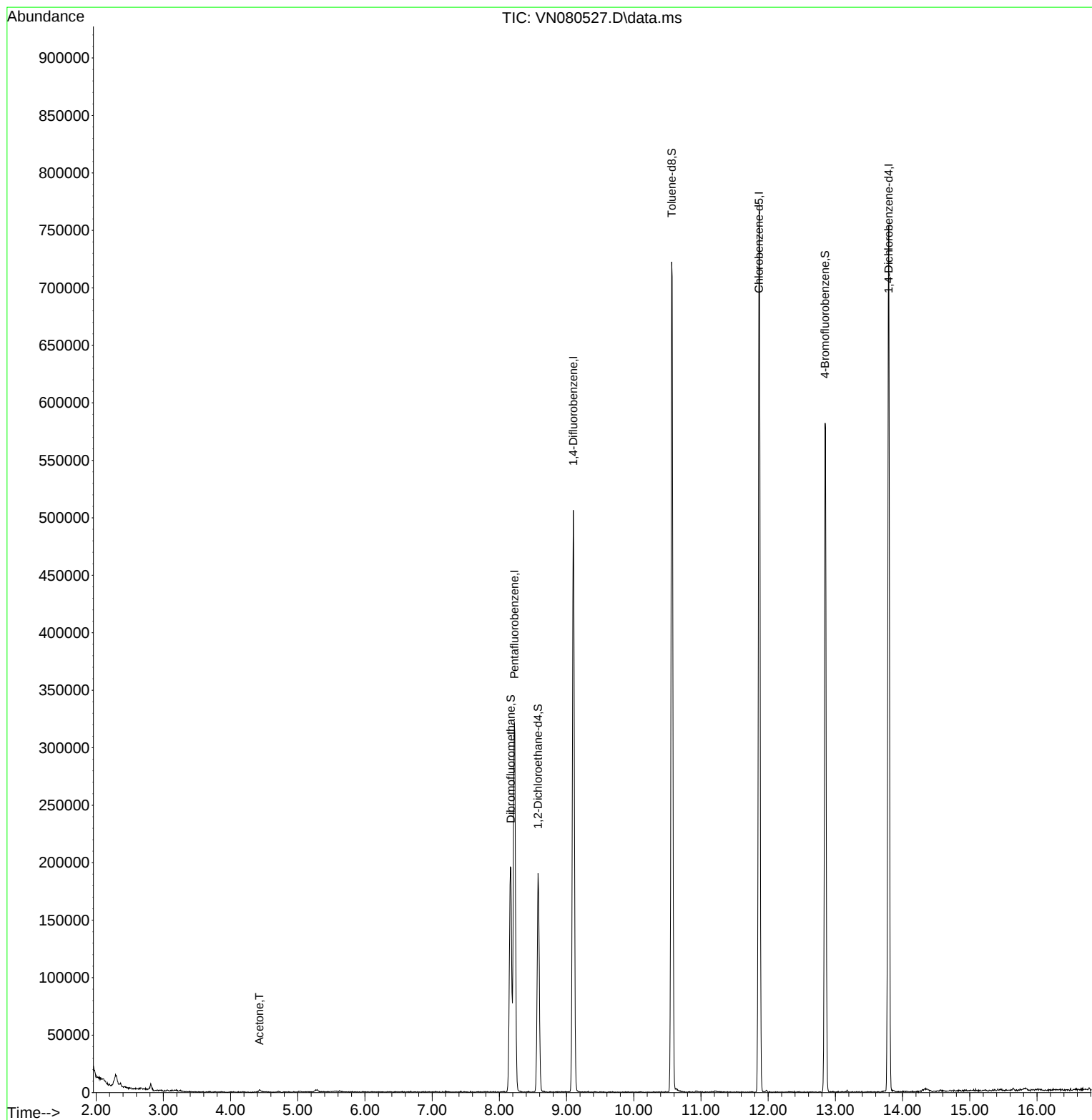
Internal Standards						
1) Pentafluorobenzene	8.224	168	230316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	434602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	450939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	165544	56.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.560%
35) Dibromofluoromethane	8.171	113	142392	51.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	10.565	98	514724	50.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.847	95	213320	54.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.320%
Target Compounds						
16) Acetone	4.430	43	3060	5.867	ug/l	Qvalue # 72

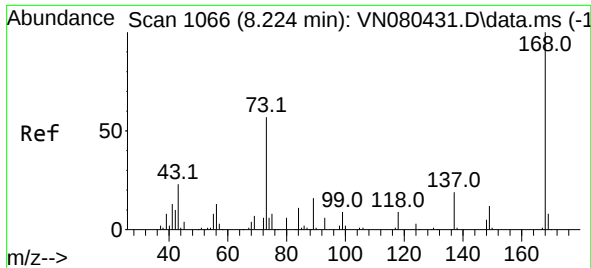
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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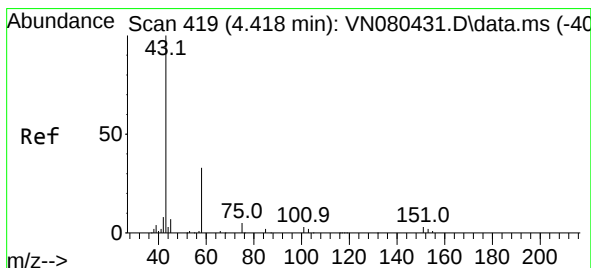
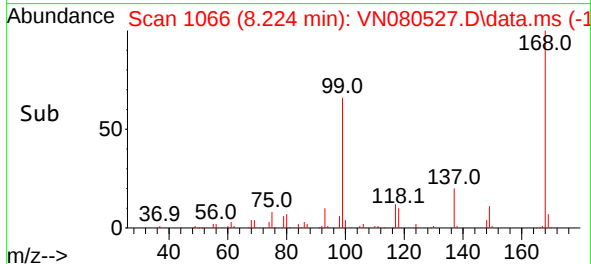
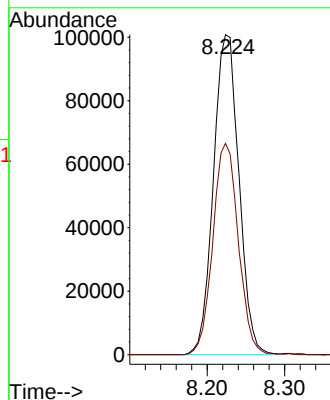
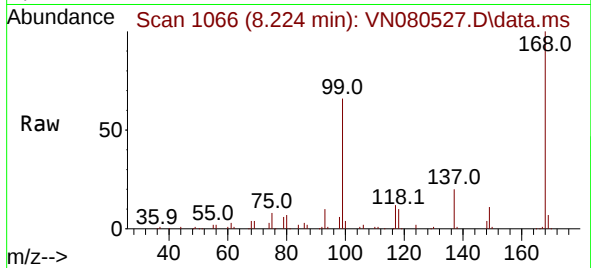




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

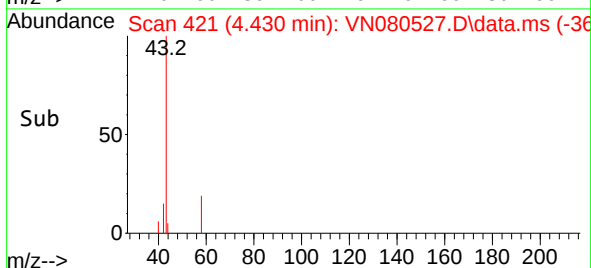
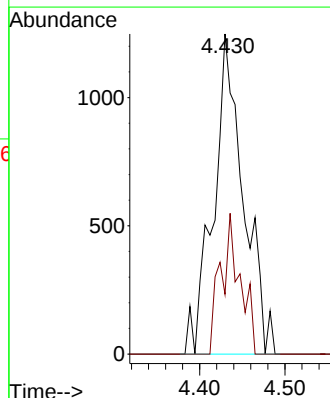
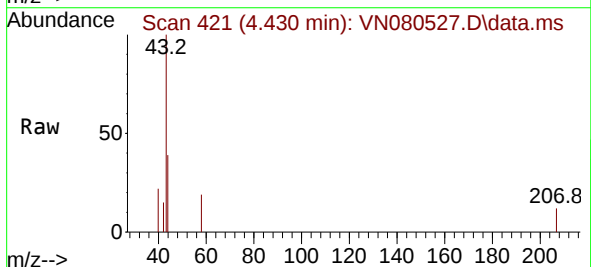
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

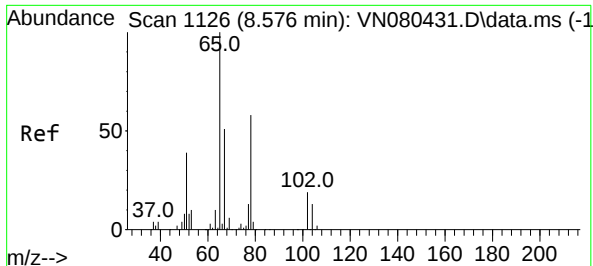
Tgt Ion:168 Resp: 230316
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#16
Acetone
Concen: 5.867 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
58 18.7 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 56.276 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080527.D

Acq: 19 Dec 2023 17:56

Instrument :

MSVOA_N

ClientSampleId :

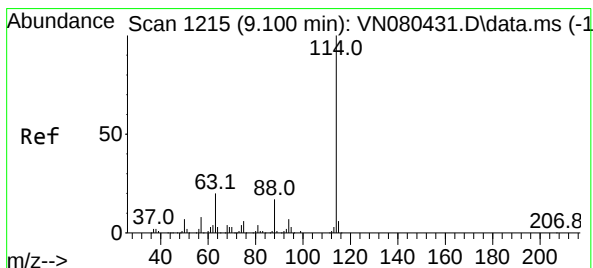
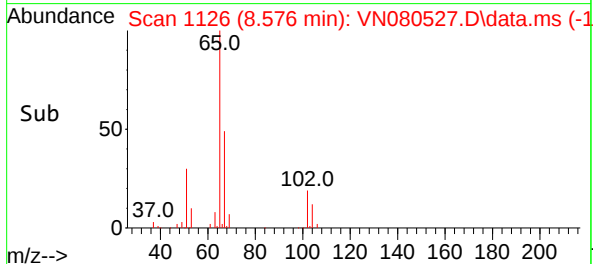
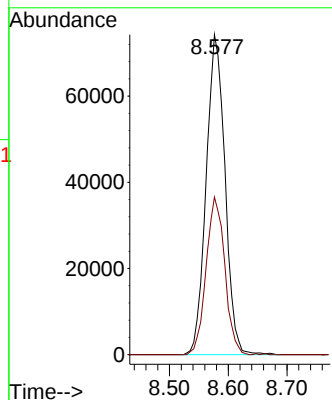
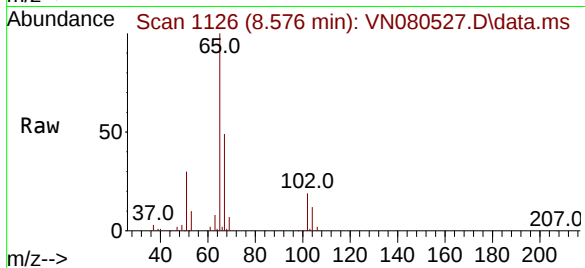
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 165544

Ion Ratio Lower Upper

65 100

67 48.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080527.D

Acq: 19 Dec 2023 17:56

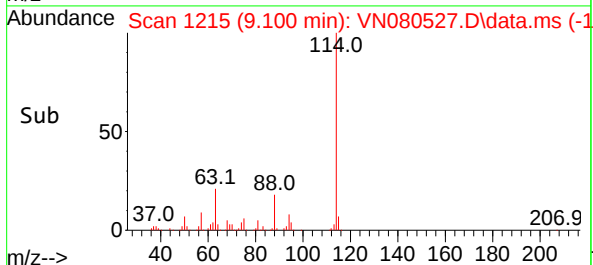
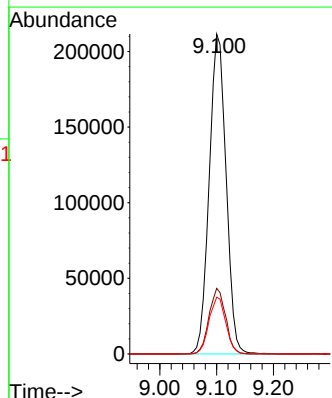
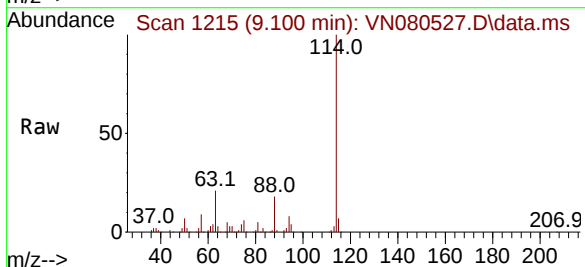
Tgt Ion: 114 Resp: 434602

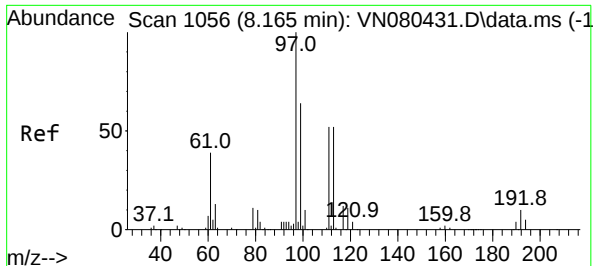
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.675 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080527.D

Acq: 19 Dec 2023 17:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

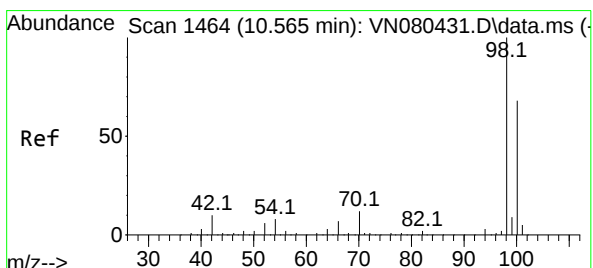
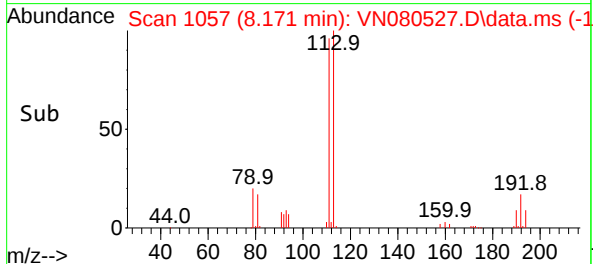
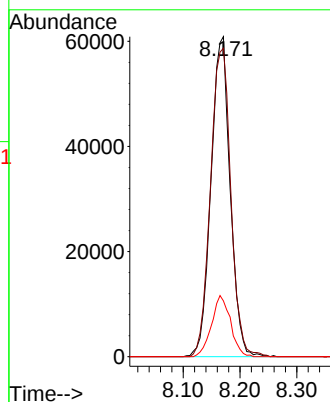
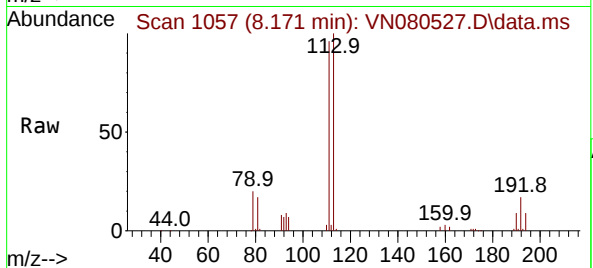
Tgt Ion:113 Resp: 142392

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.9 12.7 19.1



#50

Toluene-d8

Concen: 50.086 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080527.D

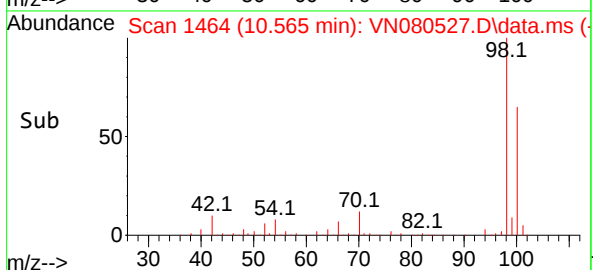
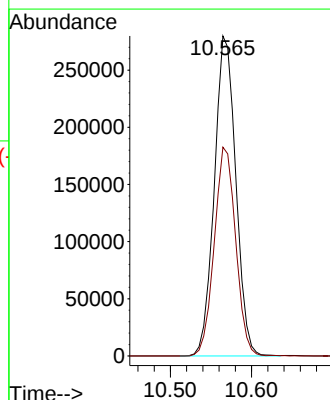
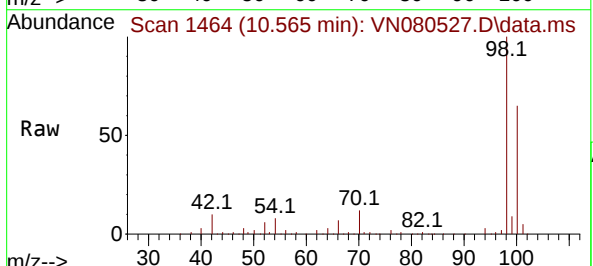
Acq: 19 Dec 2023 17:56

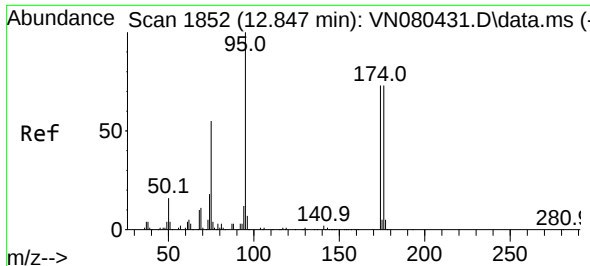
Tgt Ion: 98 Resp: 514724

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

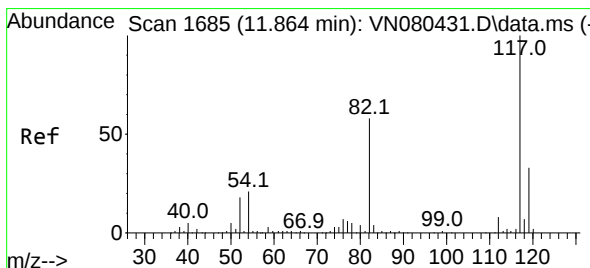
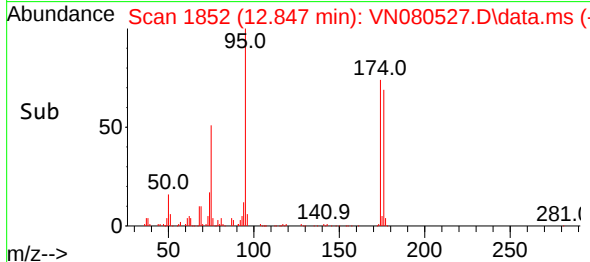
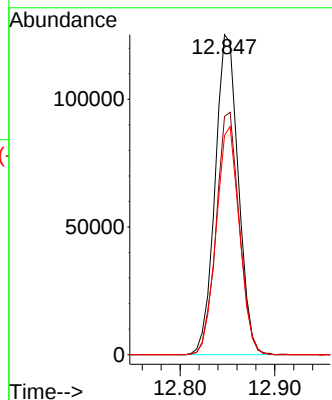
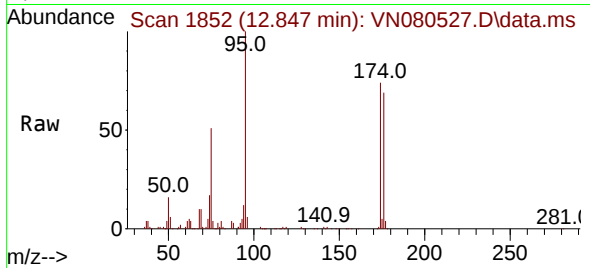




#62
4-Bromofluorobenzene
Concen: 54.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

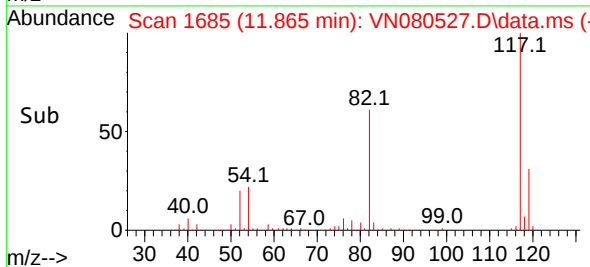
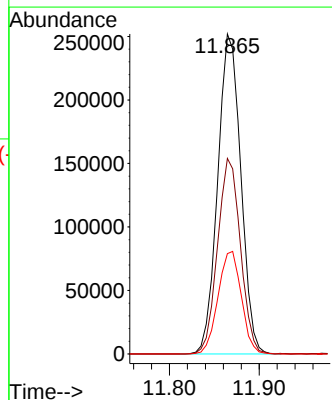
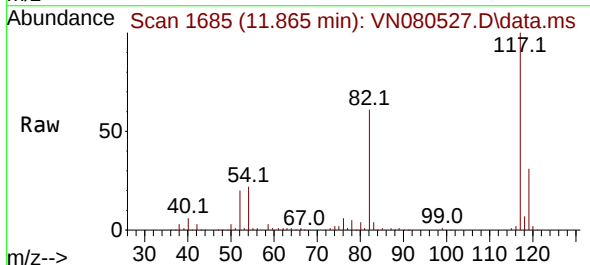
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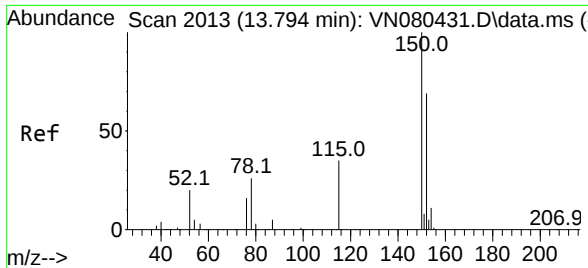
Tgt Ion:	95	Resp:	213320
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	143.8
176	71.5	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080527.D
Acq: 19 Dec 2023 17:56

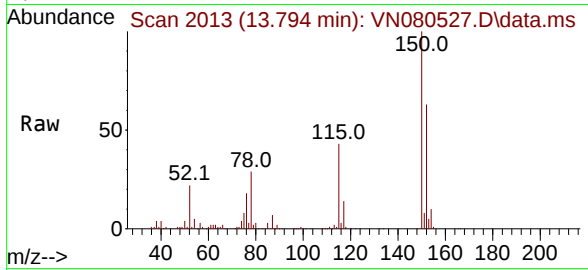
Tgt Ion:	117	Resp:	450939
Ion	Ratio	Lower	Upper
117	100		
82	61.1	44.0	66.0
119	31.4	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080527.D
 Acq: 19 Dec 2023 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4



Tgt Ion:	152	Resp:	204904
Ion	Ratio	Lower	Upper
152	100		
115	65.1	32.3	96.8
150	156.2	0.0	355.8

