

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076961.D
 Acq On : 13 Mar 2023 14:56
 Operator : JC\MD
 Sample : 01846-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Mar 14 07:03:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

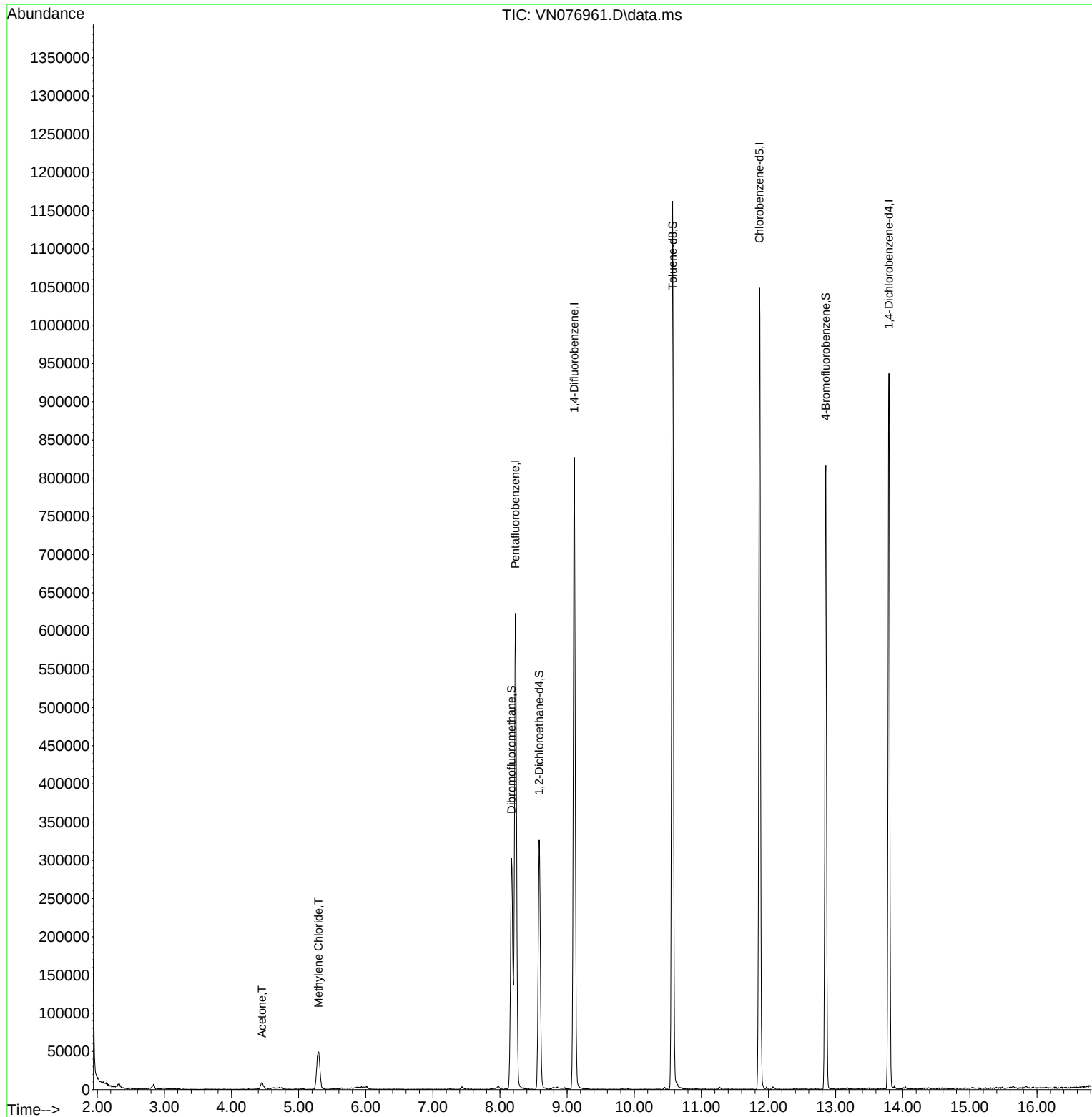
Internal Standards						
1) Pentafluorobenzene	8.230	168	433824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	700811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	612089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	256157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	285867	44.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.320%
35) Dibromofluoromethane	8.172	113	216500	46.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	10.572	98	823615	47.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.854	95	297730	47.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	16039	7.150	ug/l #	85
20) Methylene Chloride	5.295	84	43279	7.503	ug/l	97

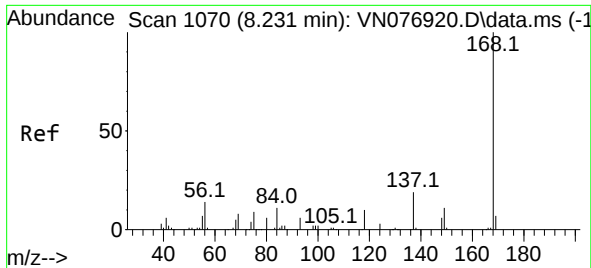
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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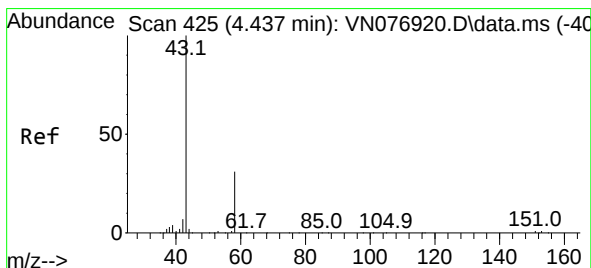
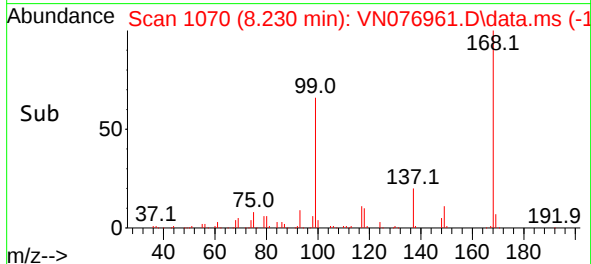
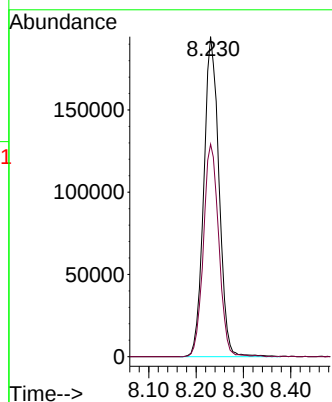
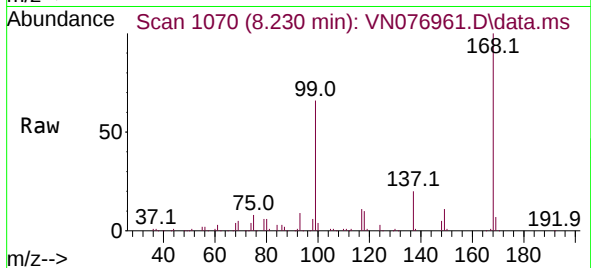




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

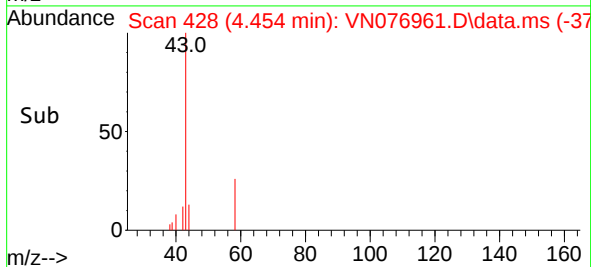
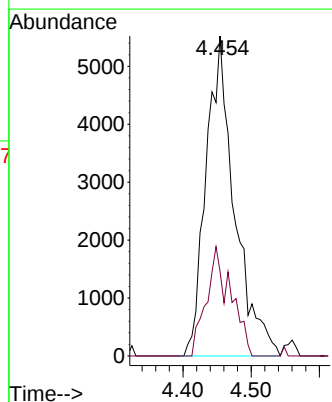
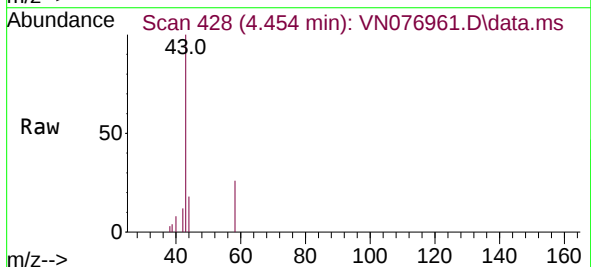
Instrument :
MSVOA_N
ClientSampleId :
TP-4

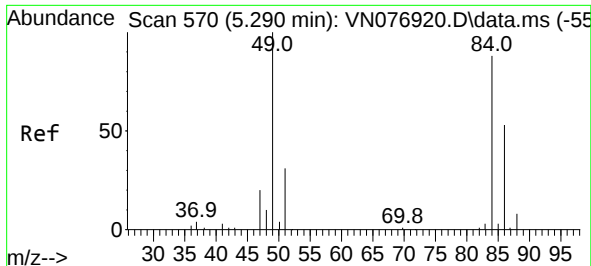
Tgt Ion:168 Resp: 433824
Ion Ratio Lower Upper
168 100
99 66.4 48.6 73.0



#16
Acetone
Concen: 7.150 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 43 Resp: 16039
Ion Ratio Lower Upper
43 100
58 26.4 28.2 42.2#

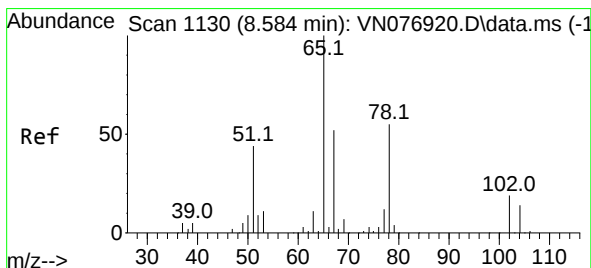
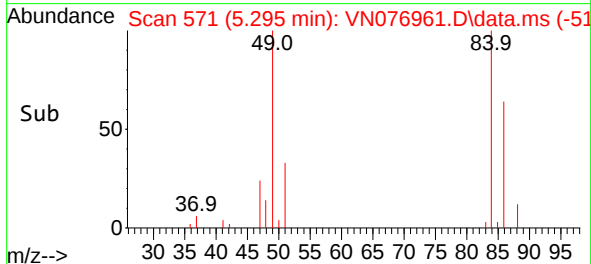
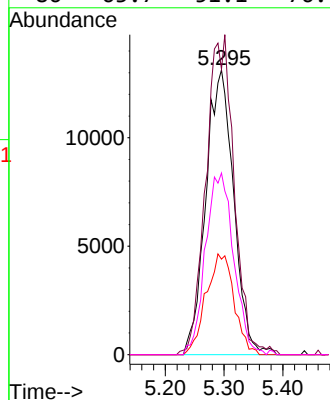
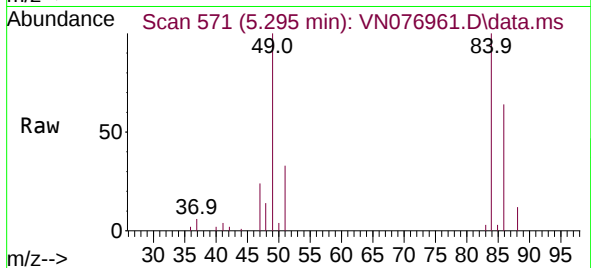




#20
Methylene Chloride
Concen: 7.503 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

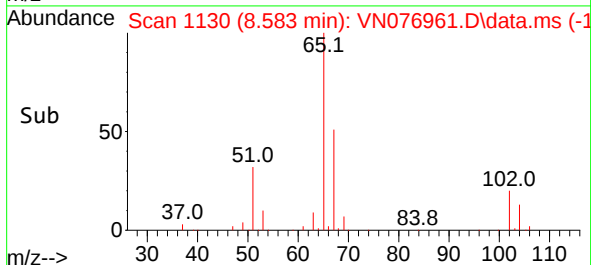
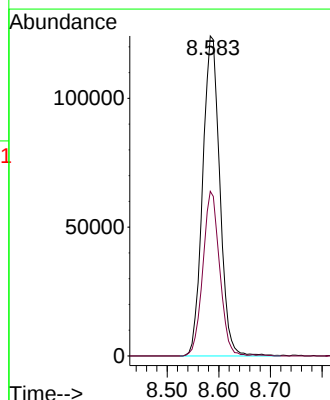
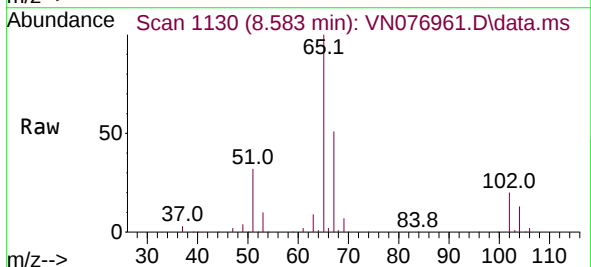
Instrument :
MSVOA_N
ClientSampleId :
TP-4

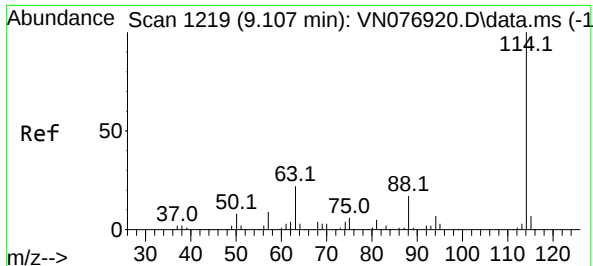
Tgt Ion:	84	Resp:	43279
Ion	Ratio	Lower	Upper
84	100		
49	100.2	76.6	114.8
51	33.5	25.4	38.2
86	63.7	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 44.157 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion:	65	Resp:	285867
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076961.D

Acq: 13 Mar 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

TP-4

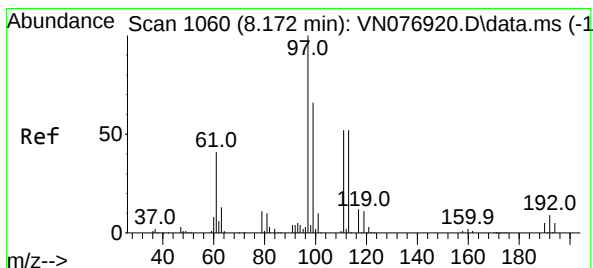
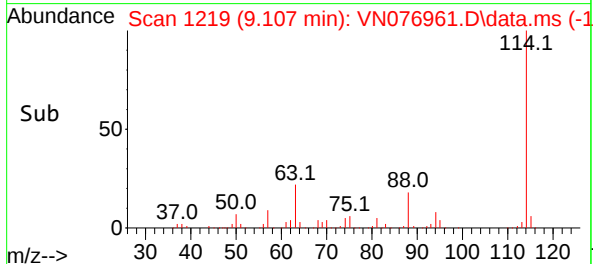
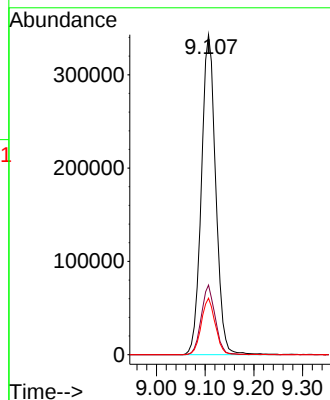
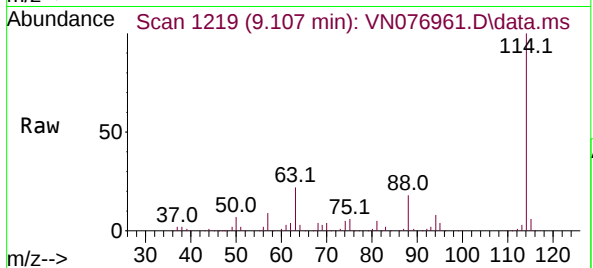
Tgt Ion:114 Resp: 700811

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.6

88 17.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.353 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076961.D

Acq: 13 Mar 2023 14:56

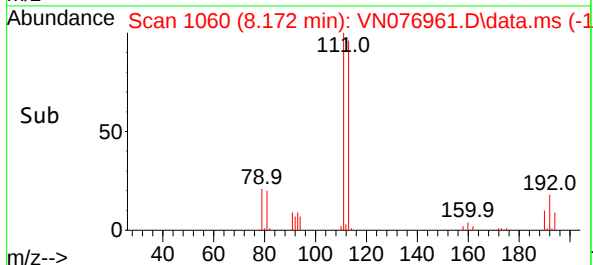
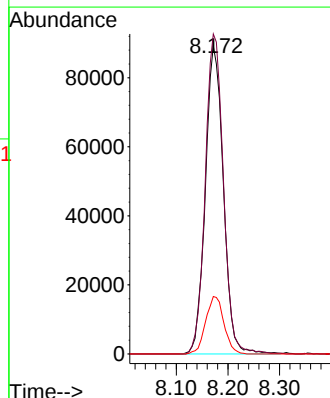
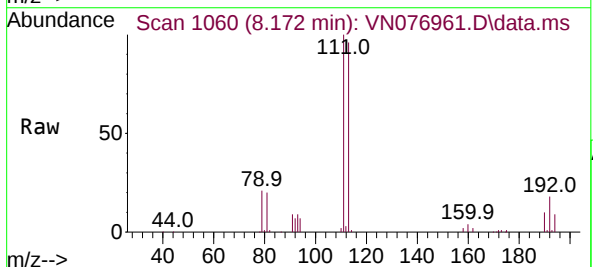
Tgt Ion:113 Resp: 216500

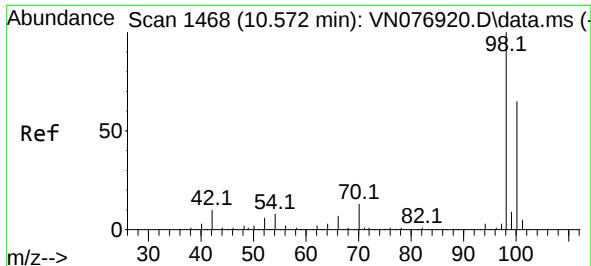
Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

192 18.8 13.9 20.9

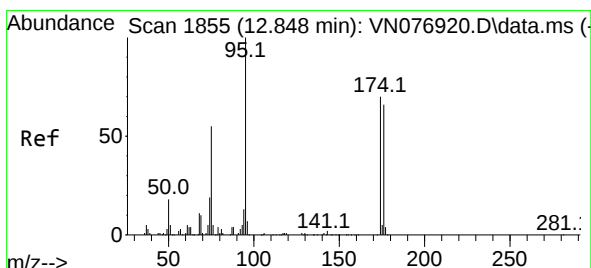
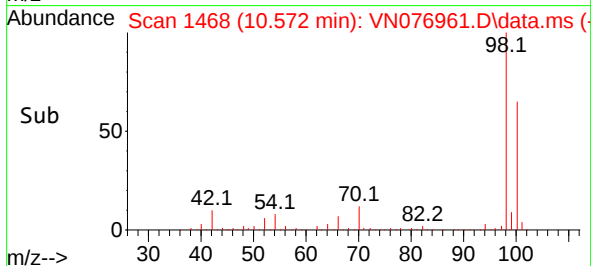
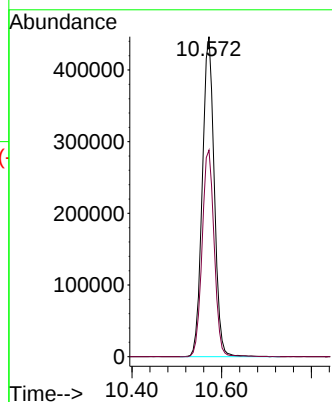
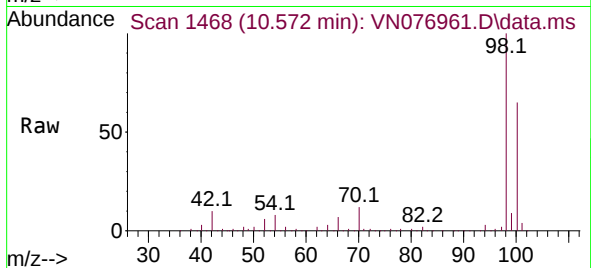




#50
Toluene-d8
Concen: 47.847 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

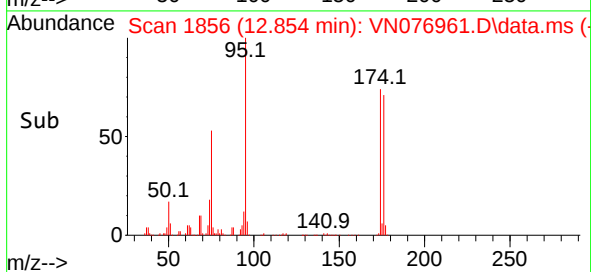
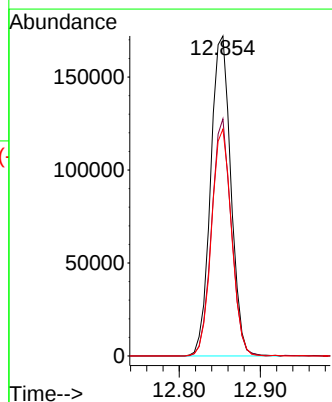
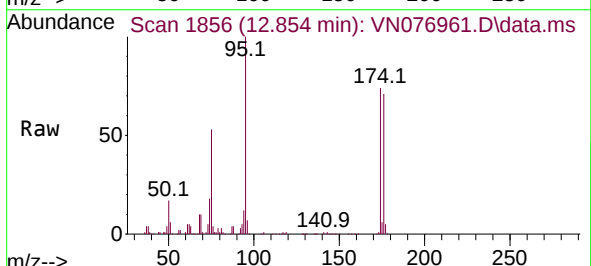
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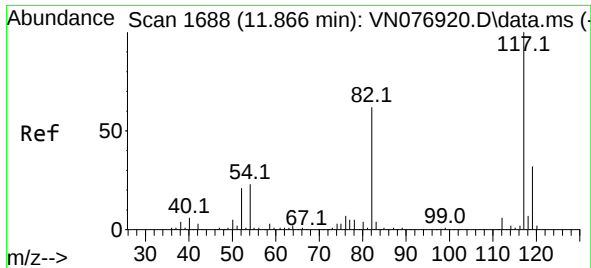
Tgt Ion: 98 Resp: 823615
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.287 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 95 Resp: 297730
Ion Ratio Lower Upper
95 100
174 71.9 0.0 162.4
176 70.2 0.0 157.4

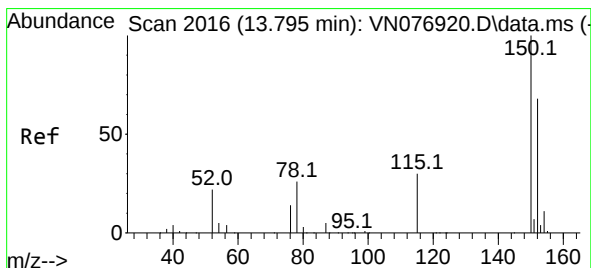
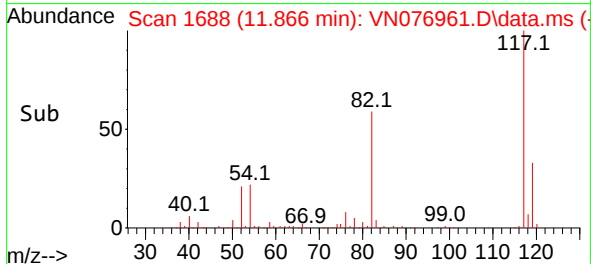
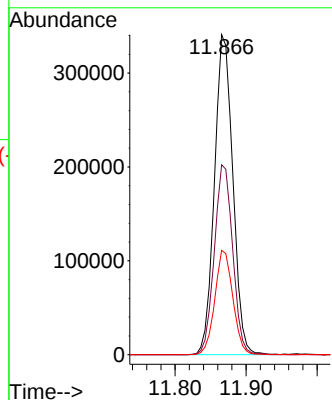
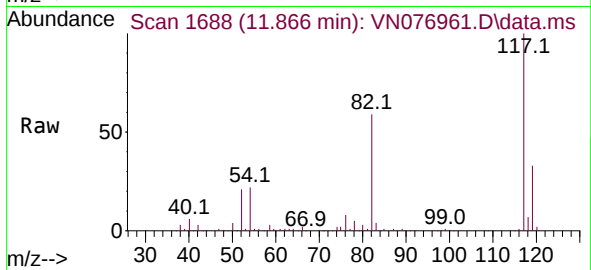




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 612089
Ion Ratio Lower Upper
117 100
82 59.4 43.5 65.3
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion:152 Resp: 256157
Ion Ratio Lower Upper
152 100
115 64.8 30.3 90.9
150 155.4 0.0 353.6

