

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076836.D
 Acq On : 28 Feb 2023 18:33
 Operator : JC\MD
 Sample : 01723-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HH-CON-12

Quant Time: Mar 01 01:32:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

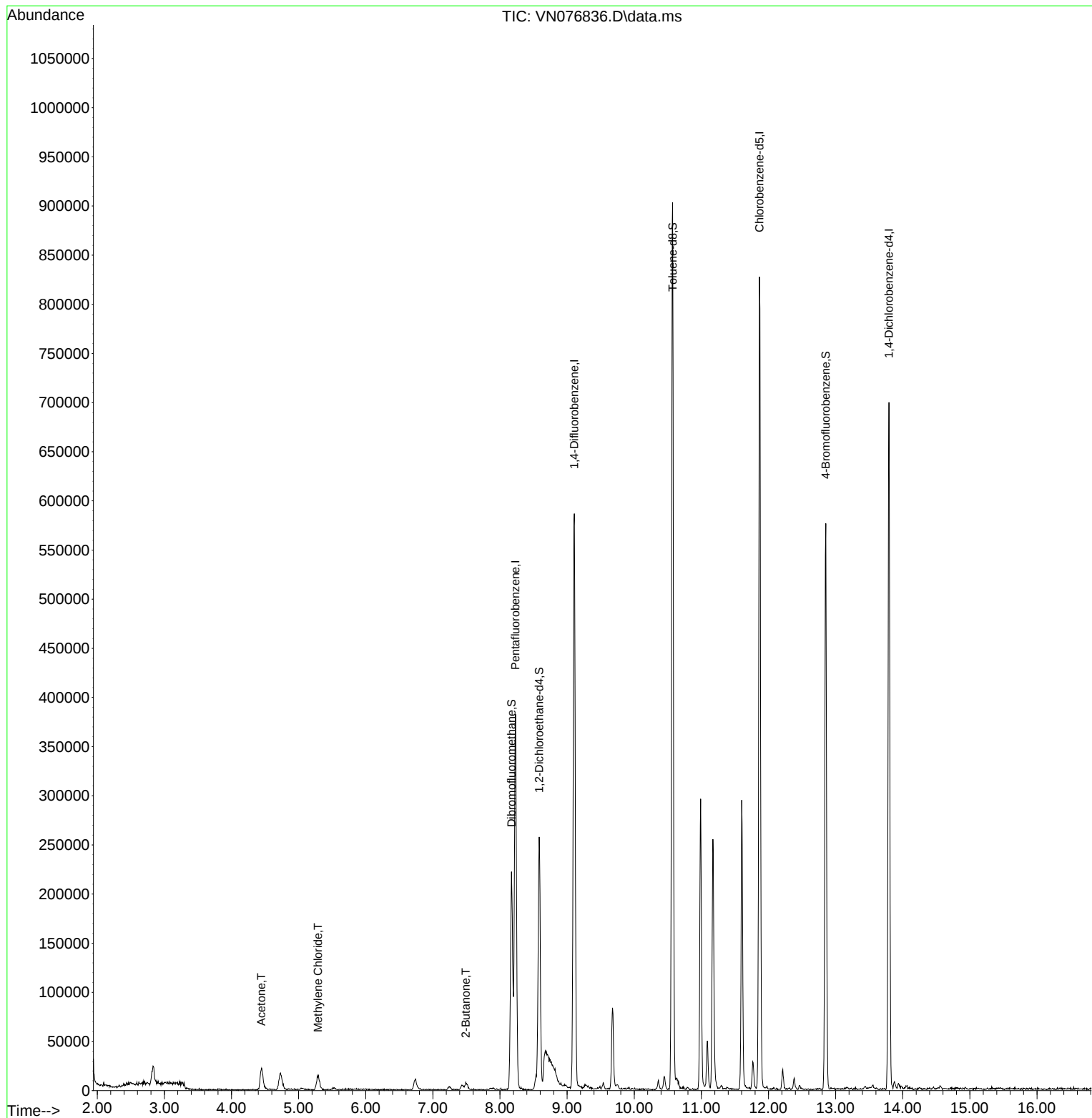
Internal Standards						
1) Pentafluorobenzene	8.231	168	261618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	500287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	456907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	174380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	199894	55.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.660%
35) Dibromofluoromethane	8.172	113	153200	46.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	10.572	98	600565	49.084	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.854	95	182162	44.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.900%
Target Compounds					Qvalue	
16) Acetone	4.443	43	44438	27.538	ug/l #	88
20) Methylene Chloride	5.290	84	11154	3.298	ug/l #	78
25) 2-Butanone	7.489	43	12339	5.184	ug/l	93

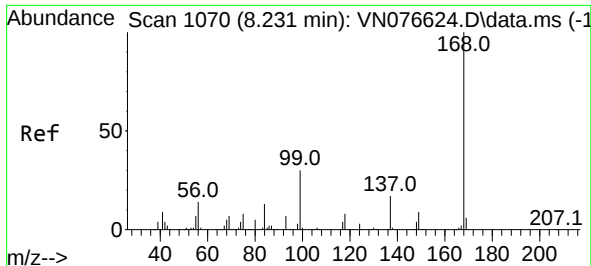
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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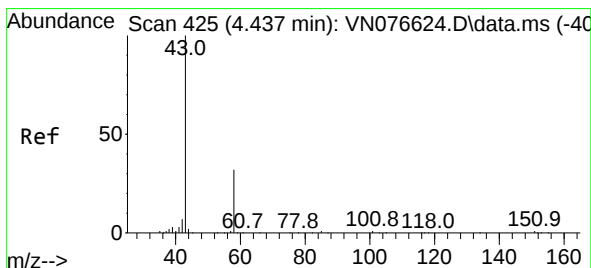
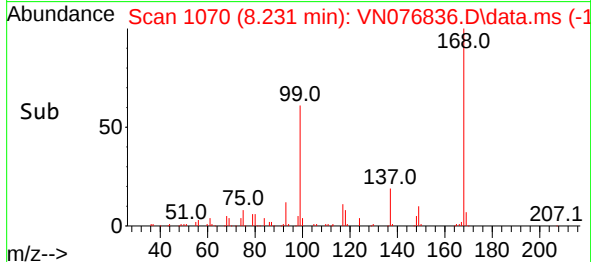
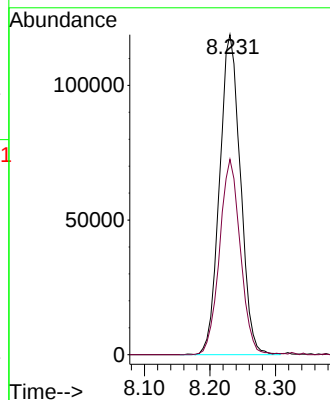
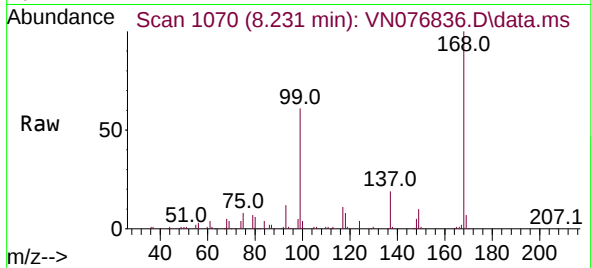




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

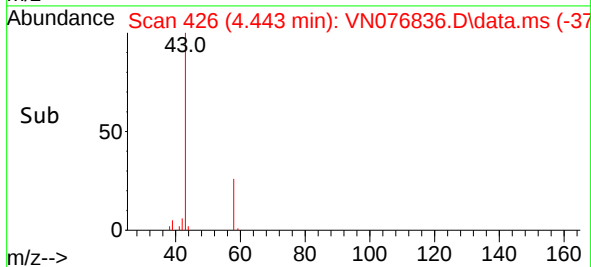
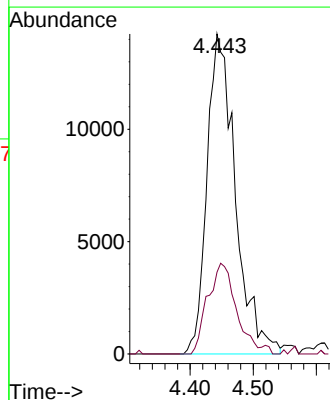
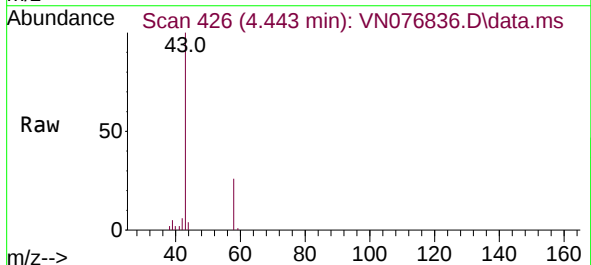
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

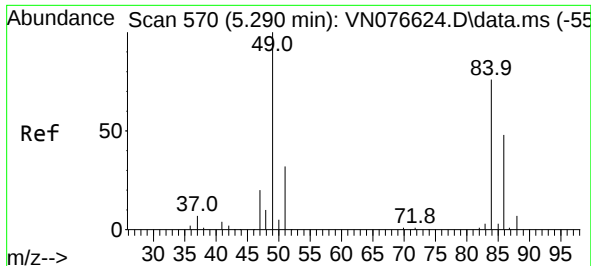
Tgt Ion:168 Resp: 261618
Ion Ratio Lower Upper
168 100
99 61.0 44.8 67.2



#16
Acetone
Concen: 27.538 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 43 Resp: 44438
Ion Ratio Lower Upper
43 100
58 25.6 25.9 38.9#

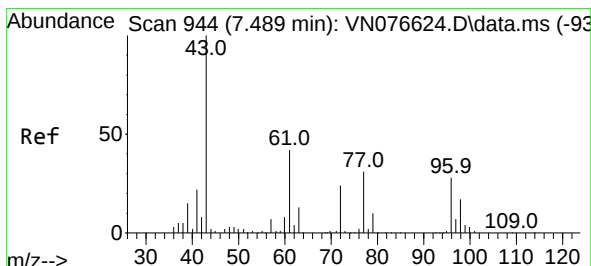
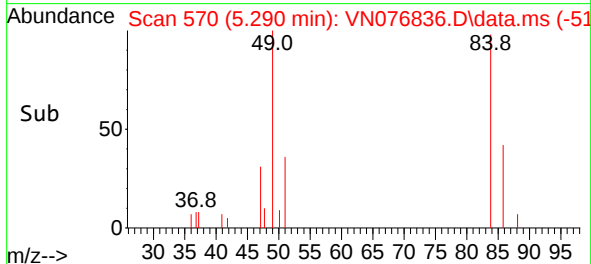
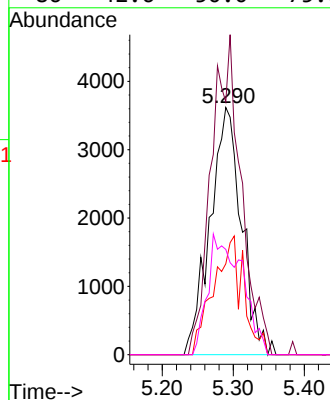
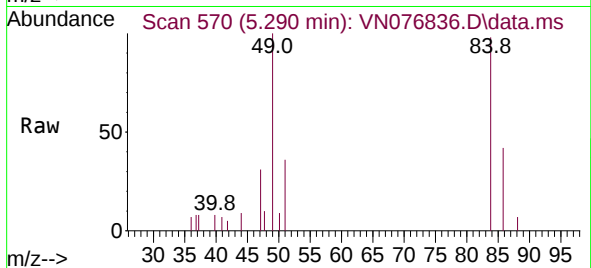




#20
Methylene Chloride
Concen: 3.298 ug/l
RT: 5.290 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

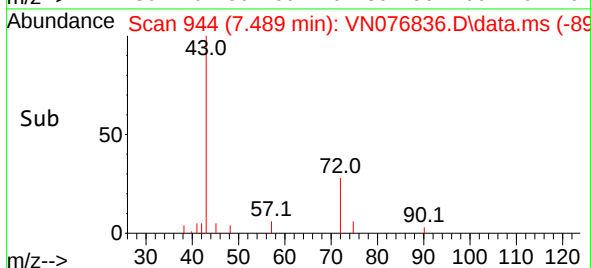
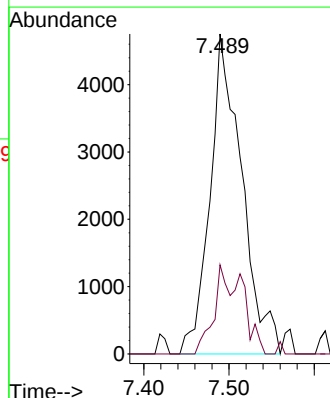
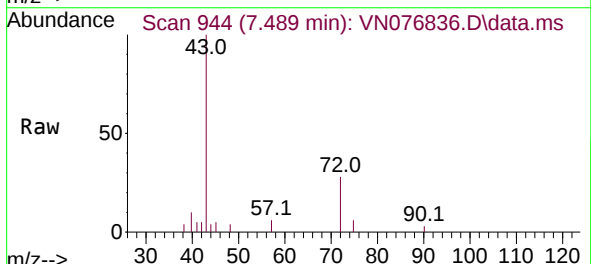
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

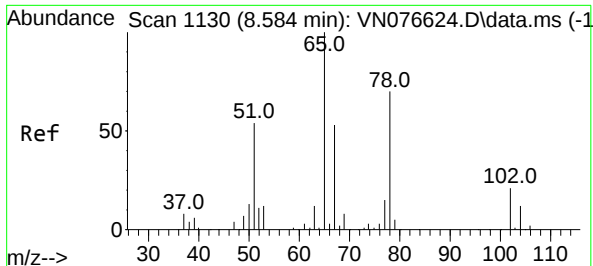
Tgt Ion: 84 Resp: 11154
Ion Ratio Lower Upper
84 100
49 102.3 104.9 157.3#
51 36.8 33.8 50.8
86 42.6 50.0 75.0#



#25
2-Butanone
Concen: 5.184 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 43 Resp: 12339
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 55.333 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

Instrument :

MSVOA_N

ClientSampleId :

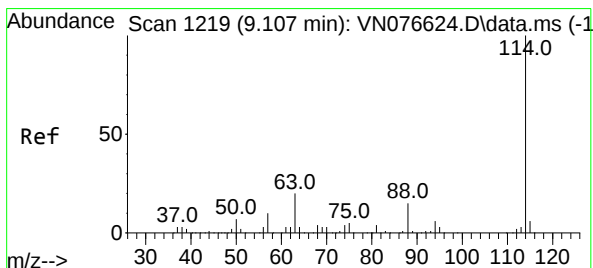
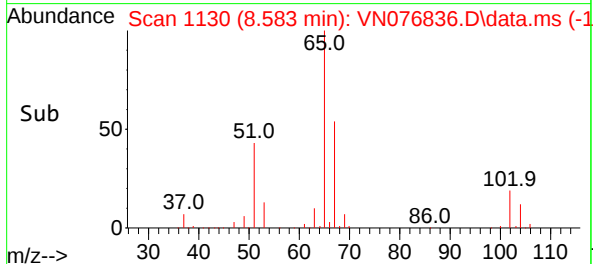
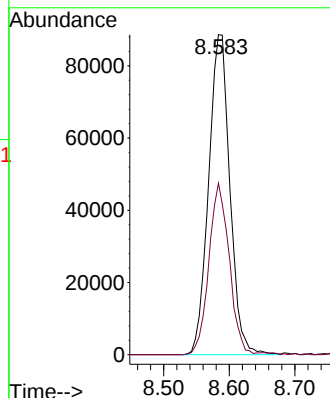
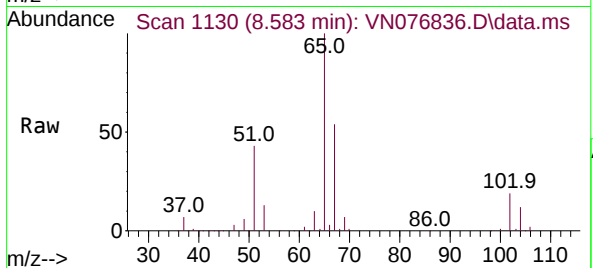
HH-CON-12

Tgt Ion: 65 Resp: 199894

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

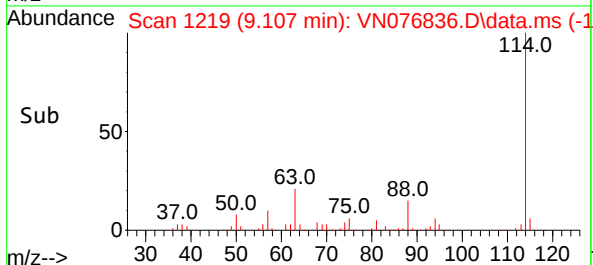
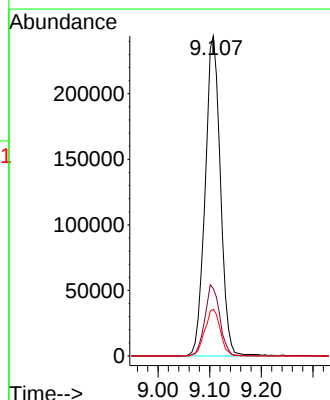
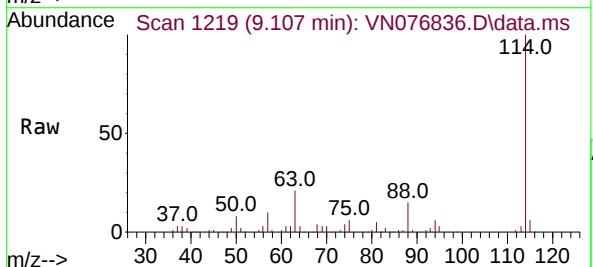
Tgt Ion: 114 Resp: 500287

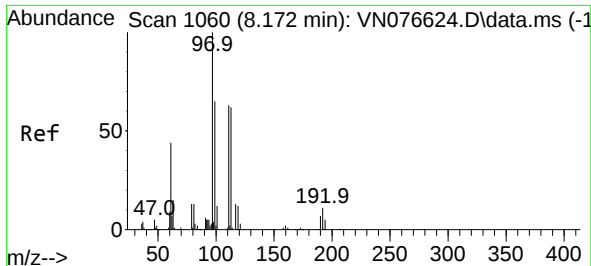
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.6 0.0 29.6

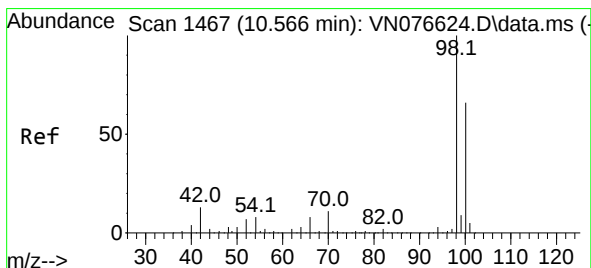
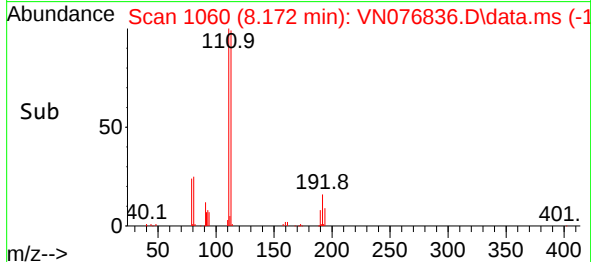
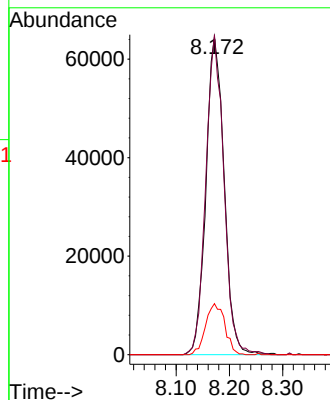
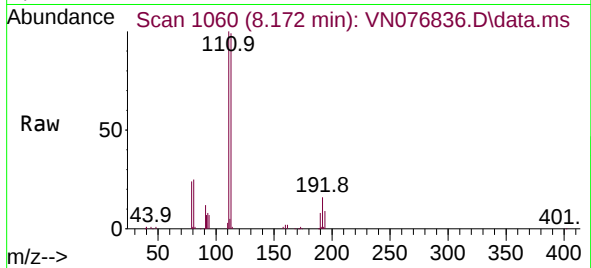




#35
Dibromofluoromethane
Concen: 46.760 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

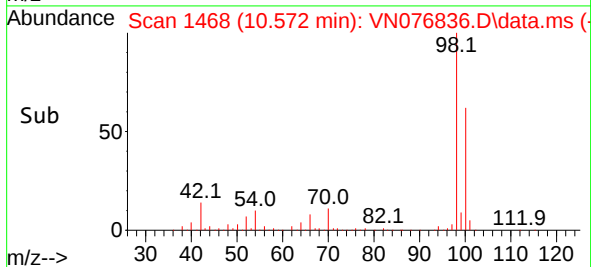
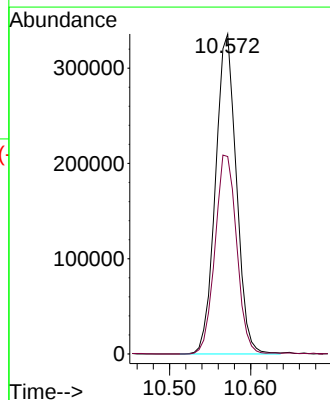
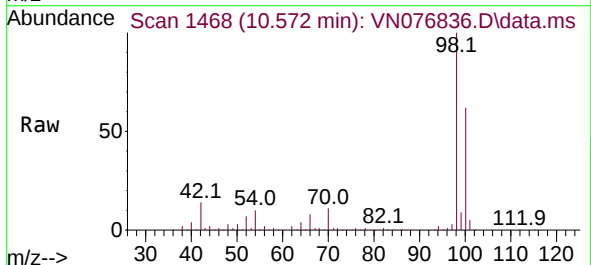
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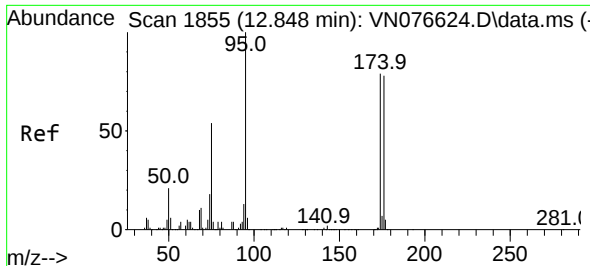
Tgt Ion:113 Resp: 153200
Ion Ratio Lower Upper
113 100
111 99.8 83.1 124.7
192 17.0 15.6 23.4



#50
Toluene-d8
Concen: 49.084 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 98 Resp: 600565
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3

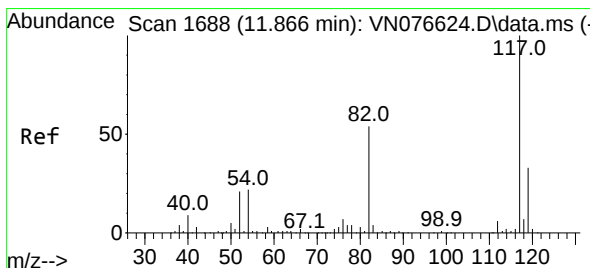
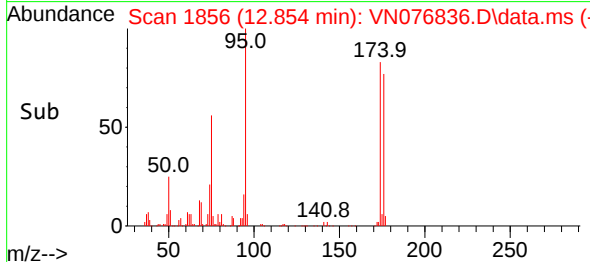
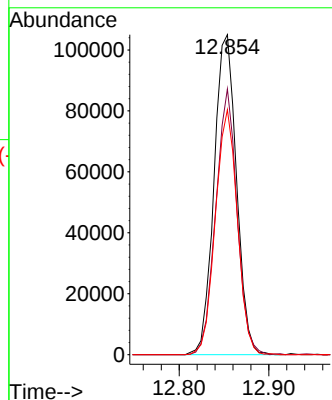
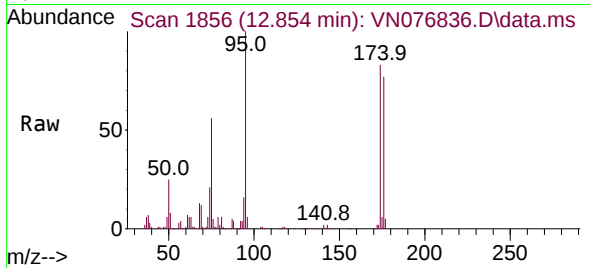




#62
4-Bromofluorobenzene
Concen: 44.951 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

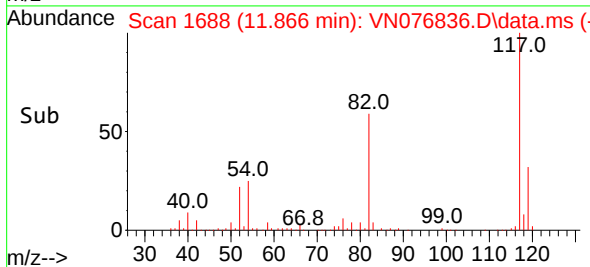
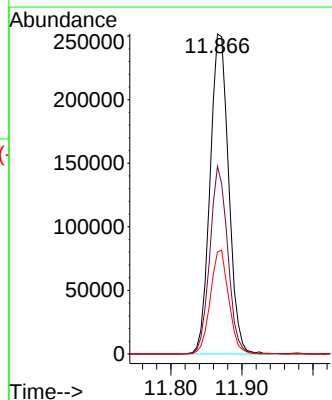
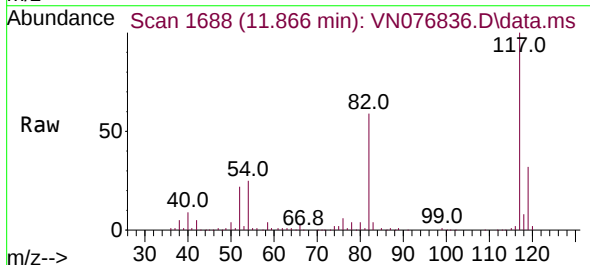
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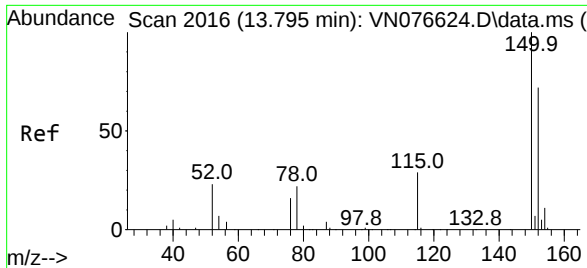
Tgt Ion: 95 Resp: 182162
Ion Ratio Lower Upper
95 100
174 78.8 0.0 169.2
176 75.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 117 Resp: 456907
Ion Ratio Lower Upper
117 100
82 58.7 43.4 65.2
119 31.9 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076836.D
 Acq: 28 Feb 2023 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 HH-CON-12

Tgt Ion:152 Resp: 174380
 Ion Ratio Lower Upper
 152 100
 115 60.3 29.3 87.9
 150 160.8 0.0 349.8

