

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012164.D
 Acq On : 11 Jan 2023 15:35
 Operator : KP/MD
 Sample : 01124-04
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-4

Quant Time: Jan 12 05:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

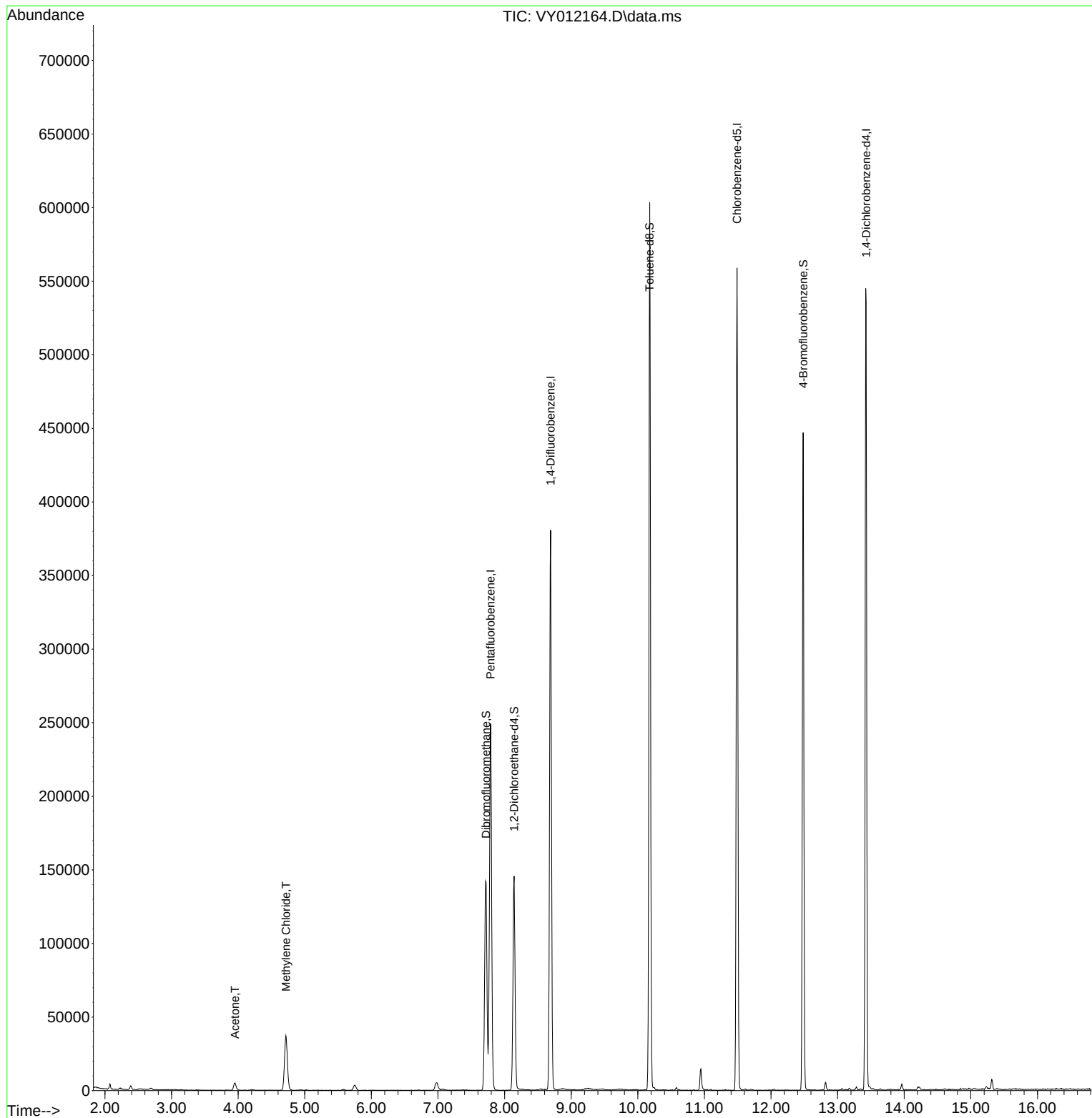
Internal Standards						
1) Pentafluorobenzene	7.789	168	197501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115364	51.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.960%	
35) Dibromofluoromethane	7.722	113	100221	46.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.100%	
50) Toluene-d8	10.179	98	393006	45.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.500%	
62) 4-Bromofluorobenzene	12.483	95	133215	44.364	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	8772	16.803	ug/l	99
20) Methylene Chloride	4.716	84	30610	9.020	ug/l	87

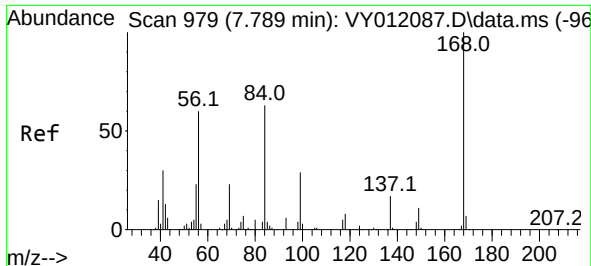
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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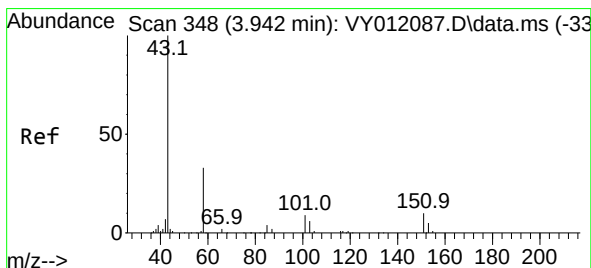
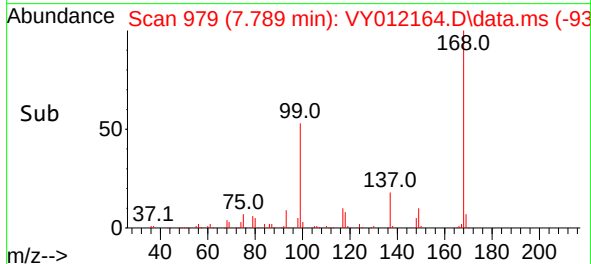
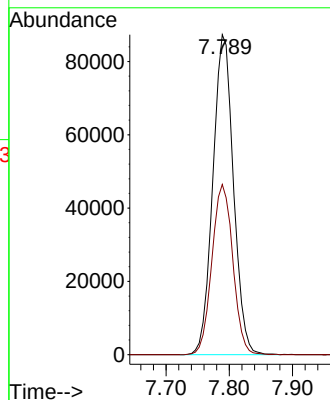
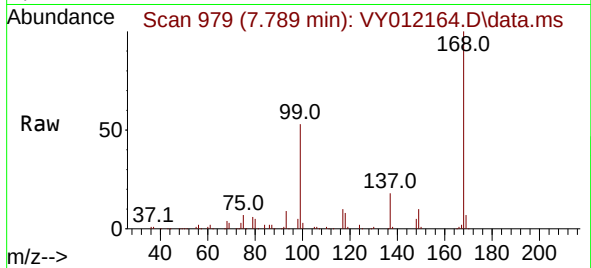




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012164.D
Acq: 11 Jan 2023 15:35

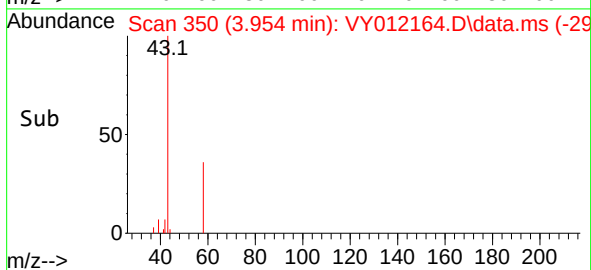
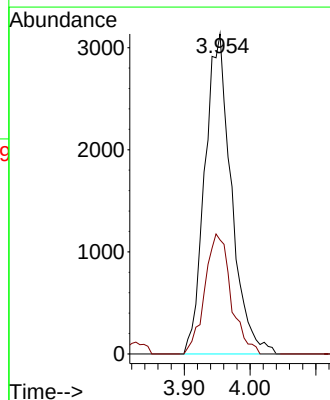
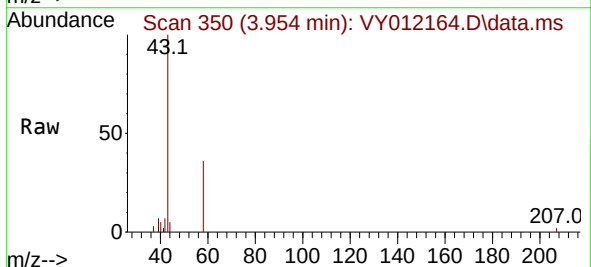
Instrument :
MSVOA_Y
ClientSampleId :
MH-4

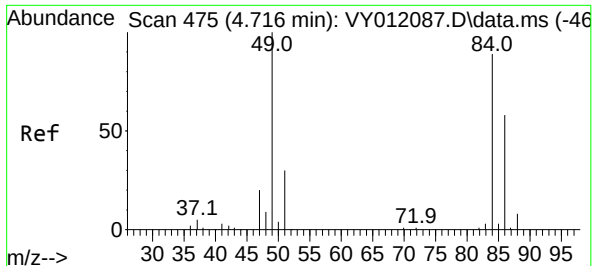
Tgt Ion:168 Resp: 197501
Ion Ratio Lower Upper
168 100
99 53.2 44.0 66.0



#16
Acetone
Concen: 16.803 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012164.D
Acq: 11 Jan 2023 15:35

Tgt Ion: 43 Resp: 8772
Ion Ratio Lower Upper
43 100
58 35.7 27.9 41.9

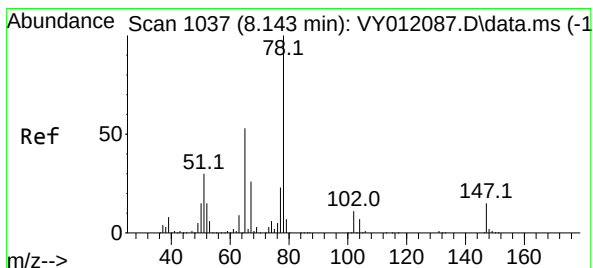
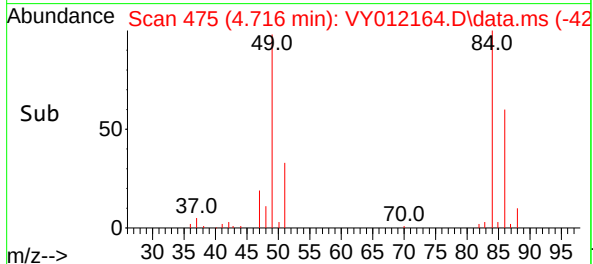
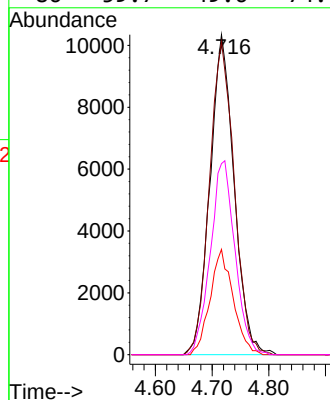
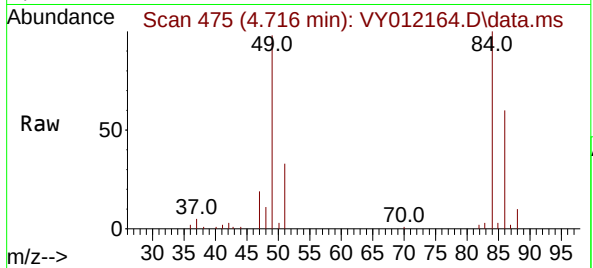




#20
Methylene Chloride
Concen: 9.020 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012164.D
Acq: 11 Jan 2023 15:35

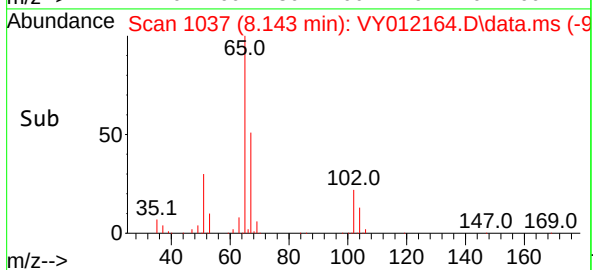
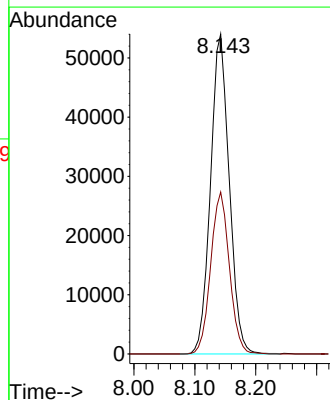
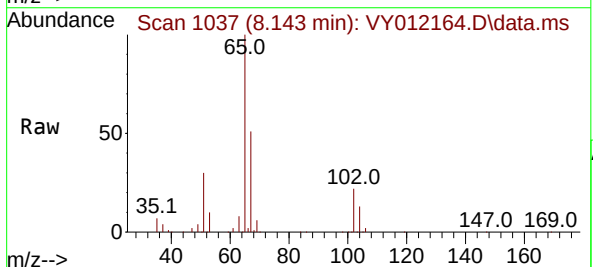
Instrument :
MSVOA_Y
ClientSampleId :
MH-4

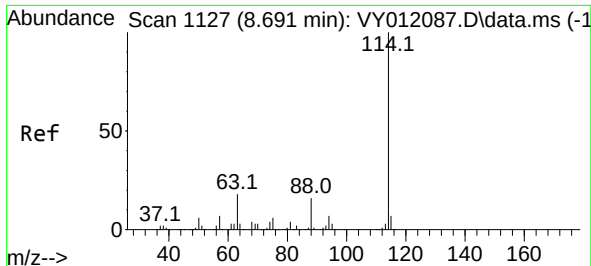
Tgt Ion:	84	Resp:	30610
Ion	Ratio	Lower	Upper
84	100		
49	97.9	95.4	143.2
51	32.9	29.9	44.9
86	59.7	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 51.984 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012164.D
Acq: 11 Jan 2023 15:35

Tgt Ion:	65	Resp:	115364
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012164.D

Acq: 11 Jan 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

MH-4

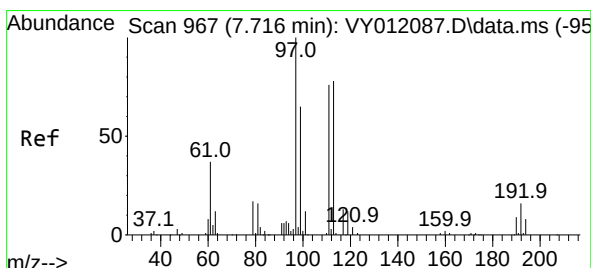
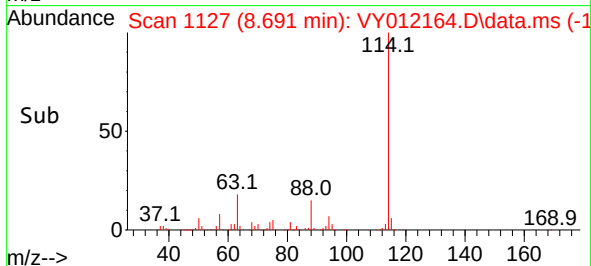
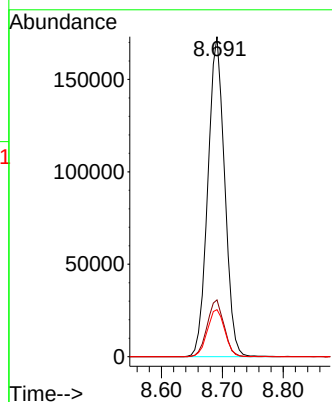
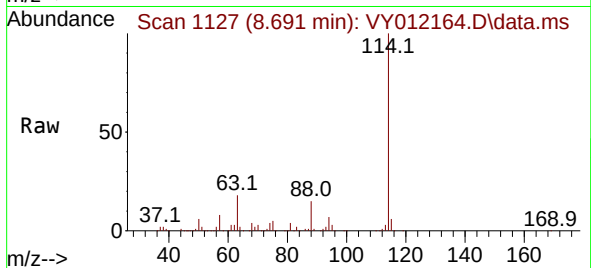
Tgt Ion:114 Resp: 331131

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.048 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012164.D

Acq: 11 Jan 2023 15:35

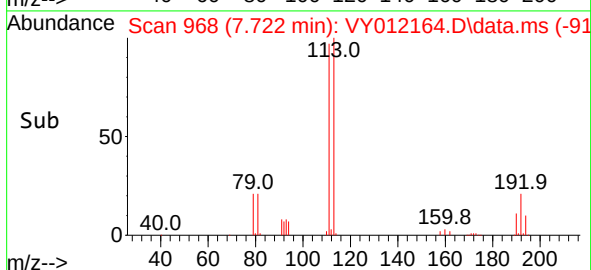
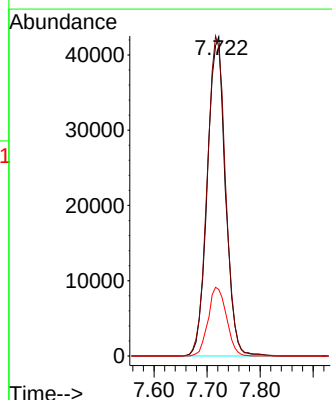
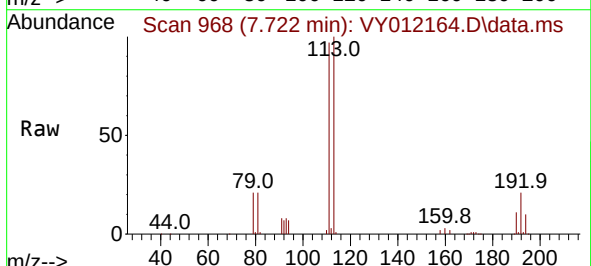
Tgt Ion:113 Resp: 100221

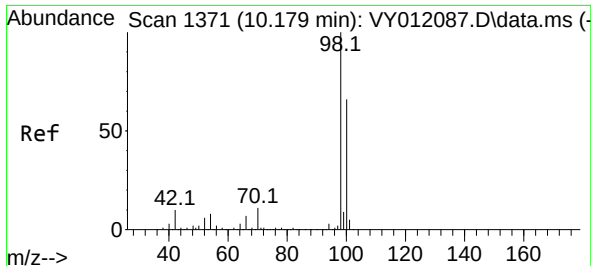
Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 21.8 16.0 24.0

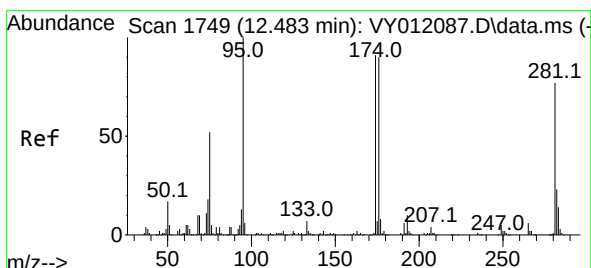
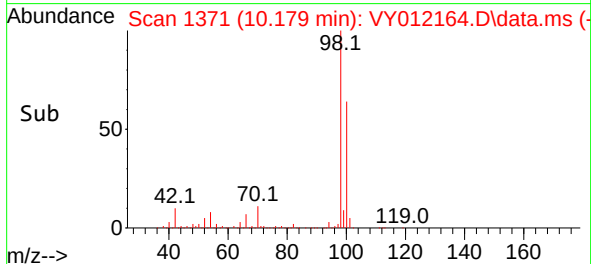
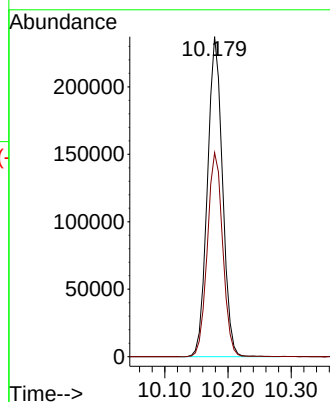
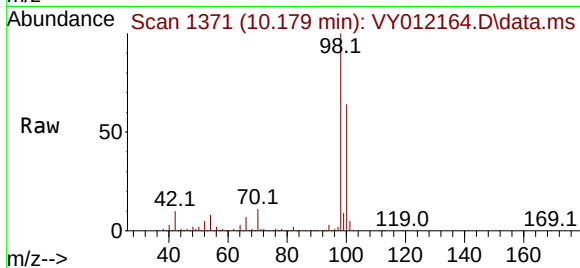




#50
Toluene-d8
Concen: 45.749 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012164.D
Acq: 11 Jan 2023 15:35

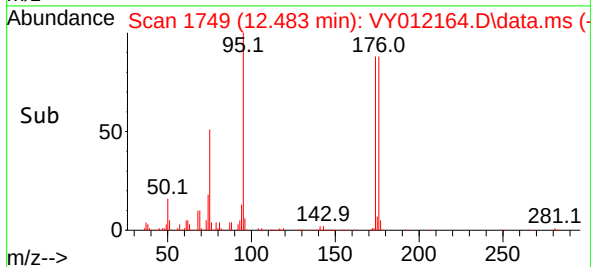
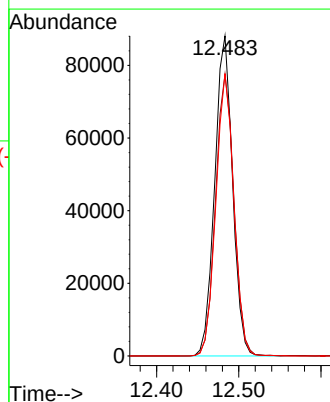
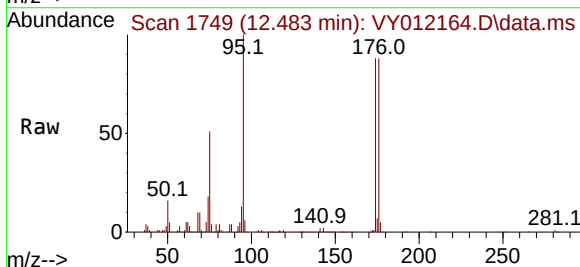
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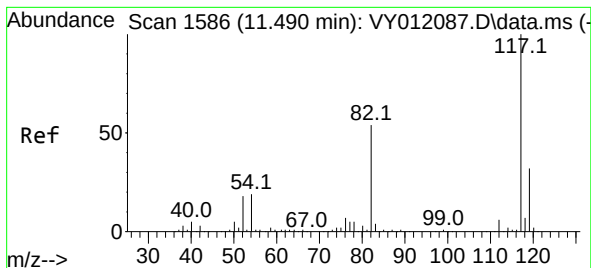
Tgt Ion: 98 Resp: 393006
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.364 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012164.D
Acq: 11 Jan 2023 15:35

Tgt Ion: 95 Resp: 133215
Ion Ratio Lower Upper
95 100
174 90.8 0.0 172.0
176 88.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012164.D

Acq: 11 Jan 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

MH-4

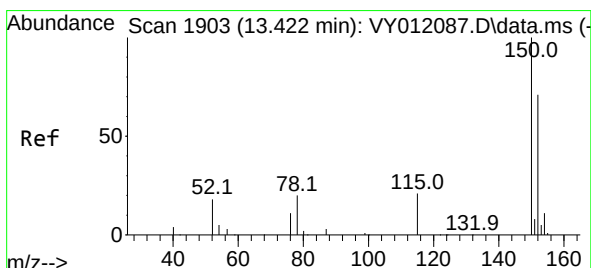
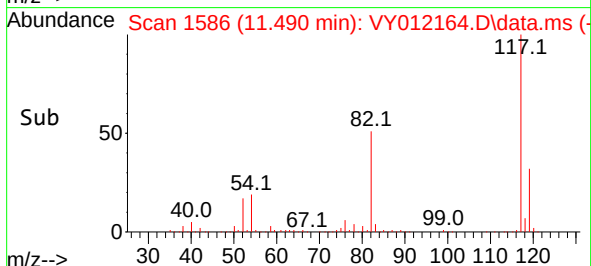
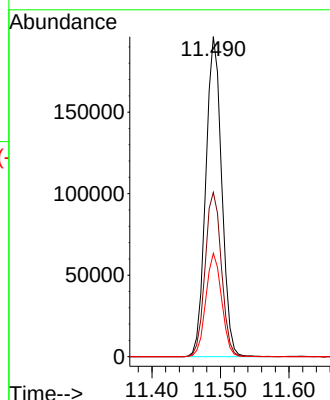
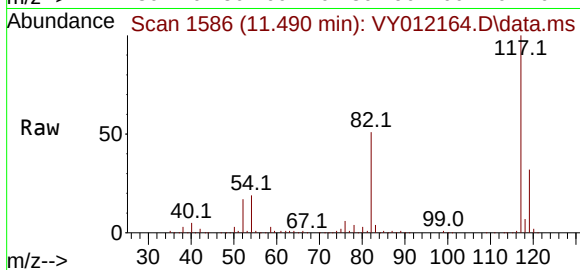
Tgt Ion:117 Resp: 318641

Ion Ratio Lower Upper

117 100

82 51.3 44.8 67.2

119 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012164.D

Acq: 11 Jan 2023 15:35

Tgt Ion:152 Resp: 149174

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

150 157.5 0.0 342.6

