

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012793.D
 Acq On : 03 Mar 2023 14:11
 Operator : KP/MD
 Sample : 01760-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200058RE

Quant Time: Mar 04 01:23:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

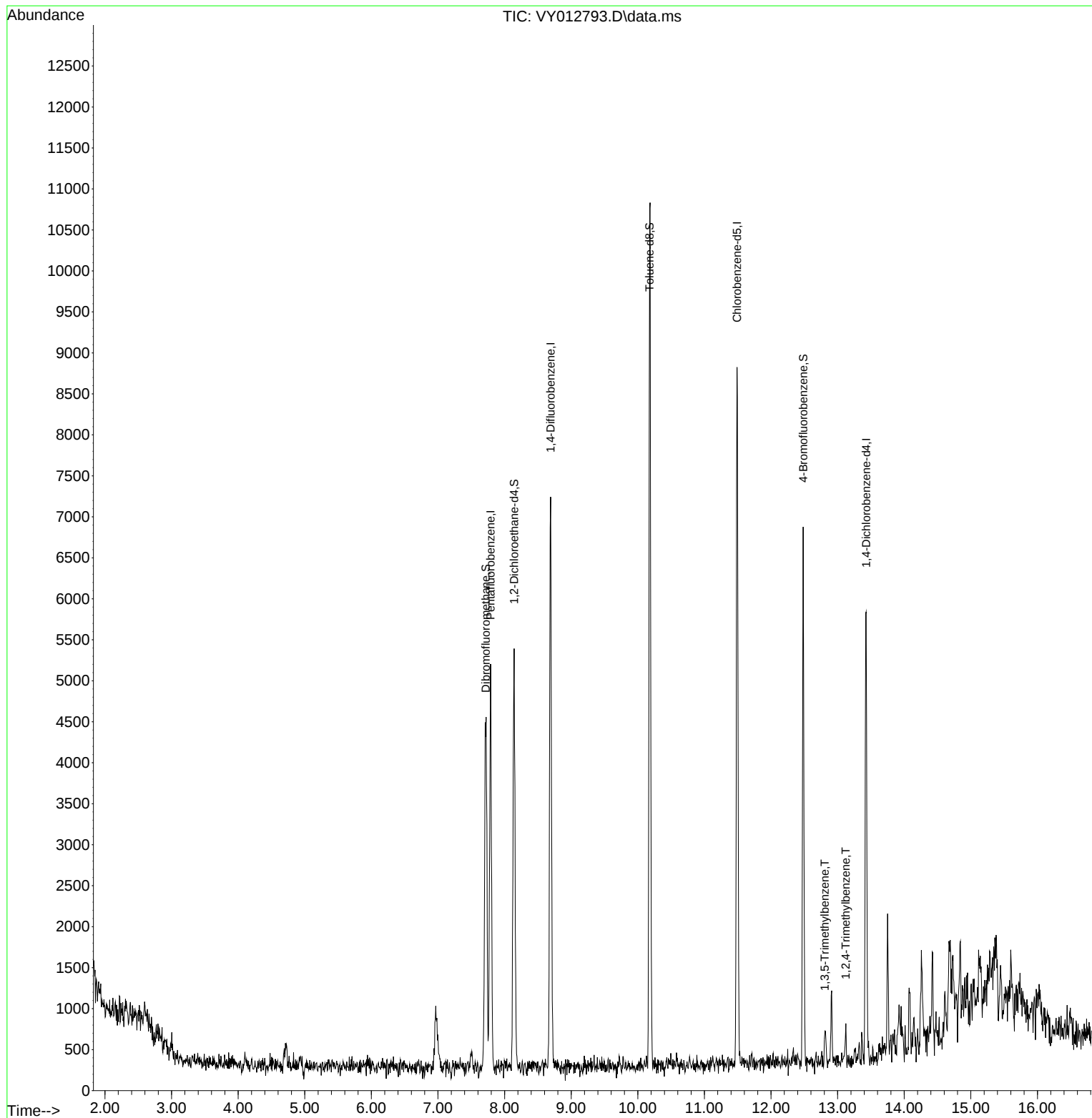
Internal Standards						
1) Pentafluorobenzene	7.789	168	3780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3884	103.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.980%#	
35) Dibromofluoromethane	7.716	113	3287	86.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 172.300%#	
50) Toluene-d8	10.179	98	7179	51.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.483	95	1948	41.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.760%	
Target Compounds						Qvalue
80) 1,3,5-Trimethylbenzene	12.806	105	195	1.807	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	271	2.568	ug/l	97

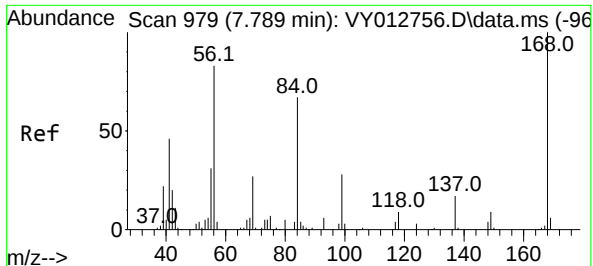
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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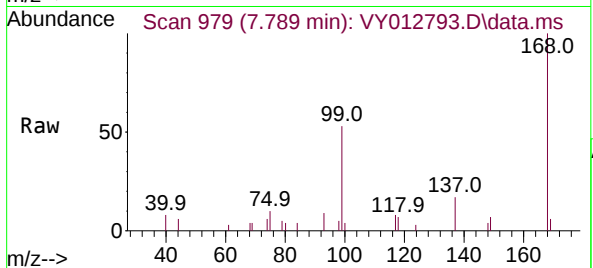
Quant Time: Mar 04 01:23:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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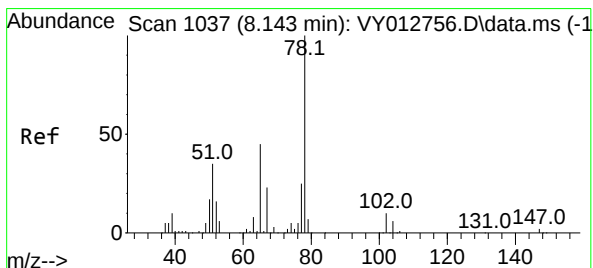
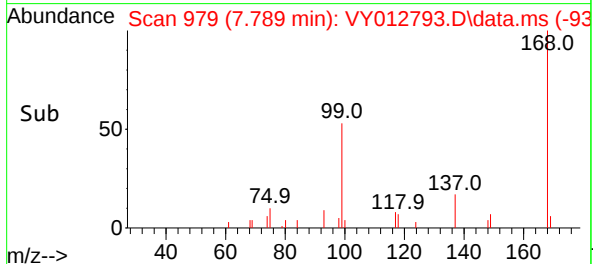
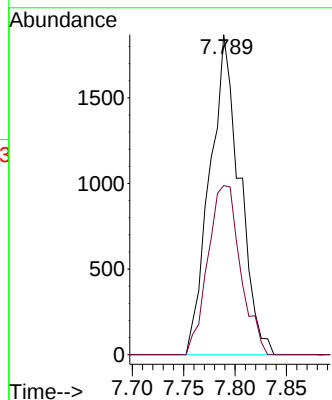


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

Instrument :
MSVOA_Y
ClientSampleId :
RBR200058RE

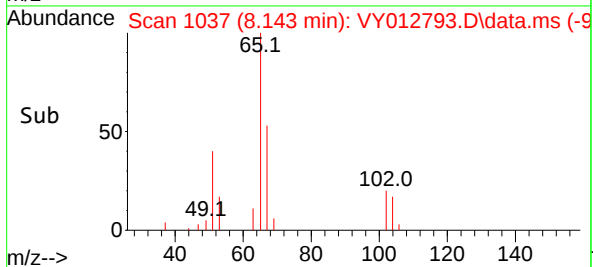
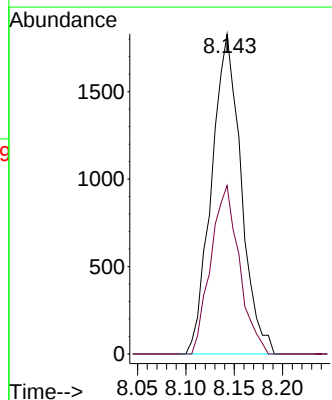
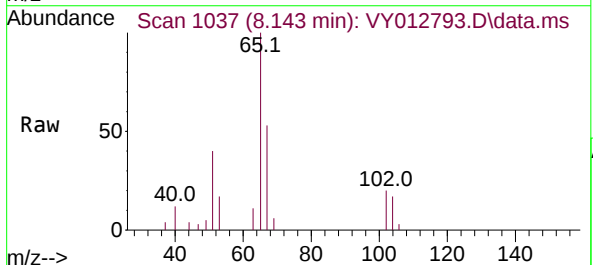


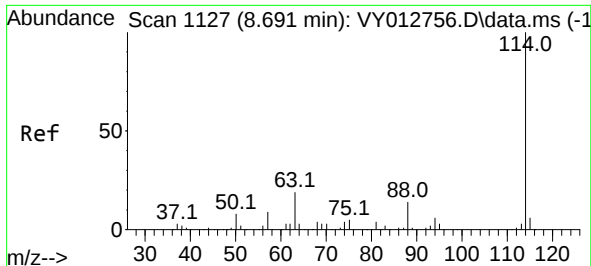
Tgt Ion:168 Resp: 3780
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 103.489 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

Tgt Ion: 65 Resp: 3884
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012793.D

Acq: 03 Mar 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

RBR200058RE

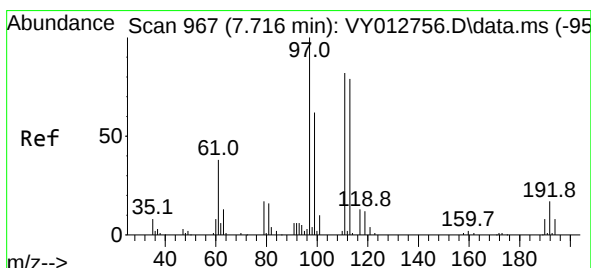
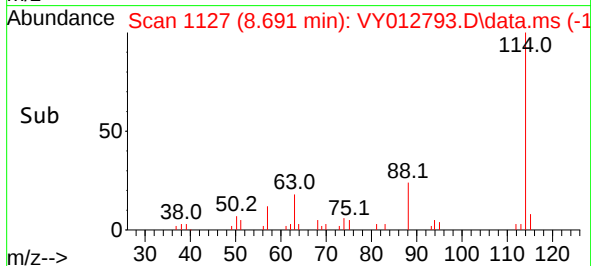
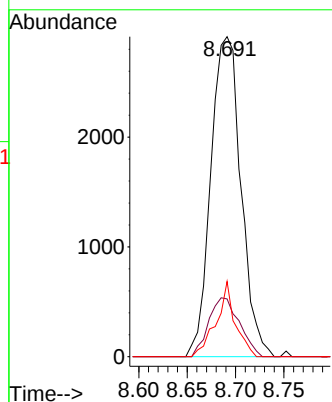
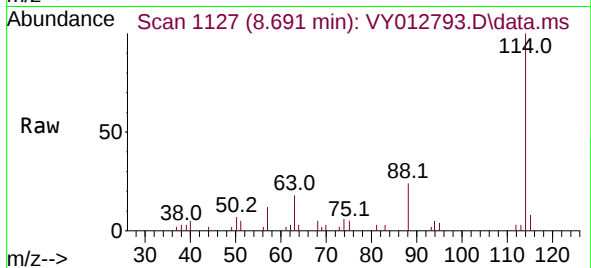
Tgt Ion:114 Resp: 6322

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 23.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 86.153 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012793.D

Acq: 03 Mar 2023 14:11

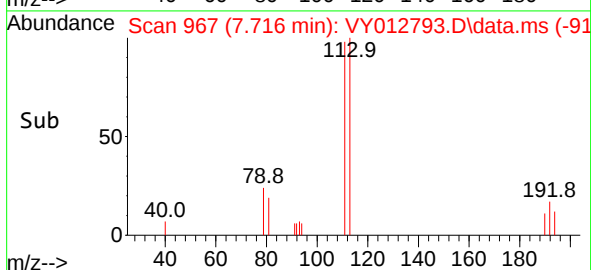
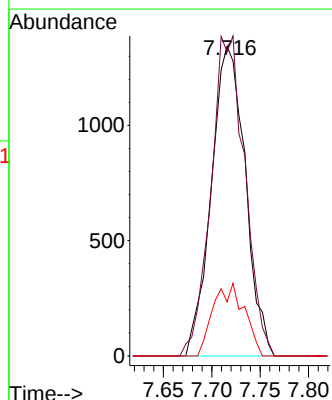
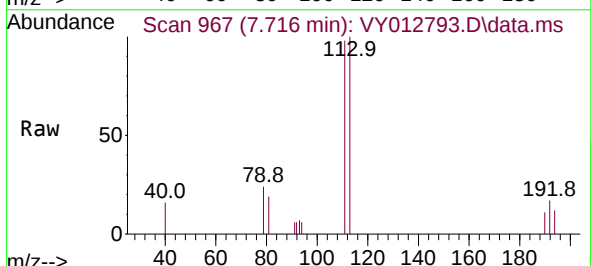
Tgt Ion:113 Resp: 3287

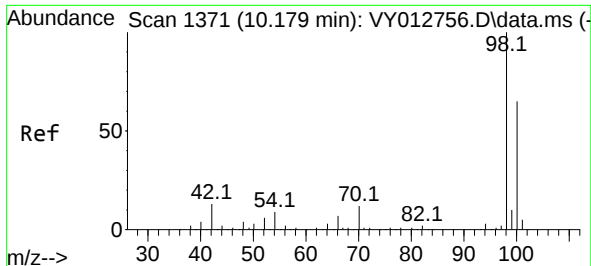
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 21.4 16.8 25.2

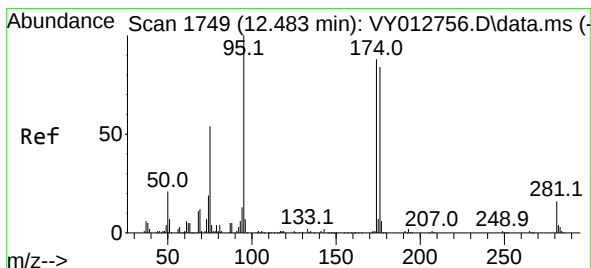
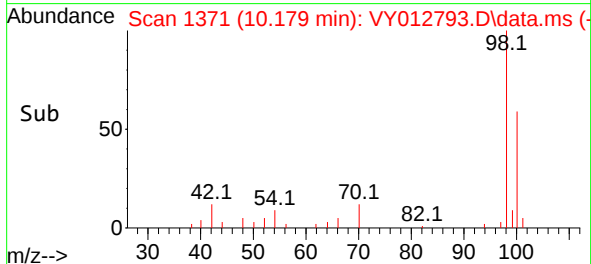
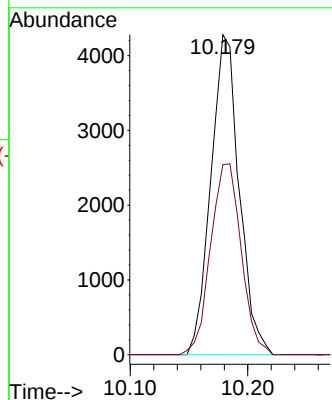
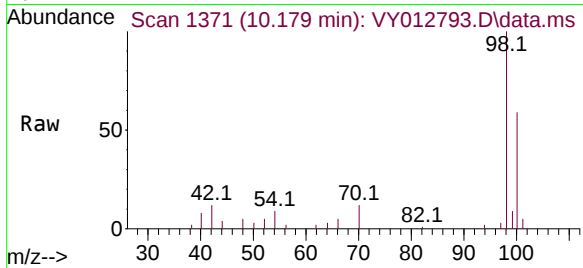




#50
Toluene-d8
Concen: 51.470 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

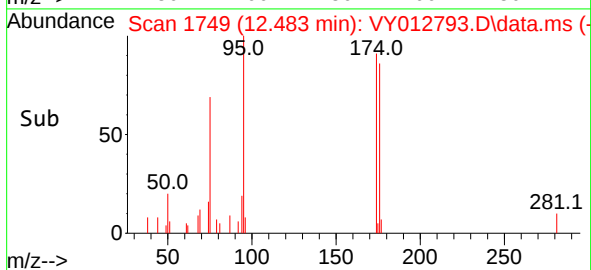
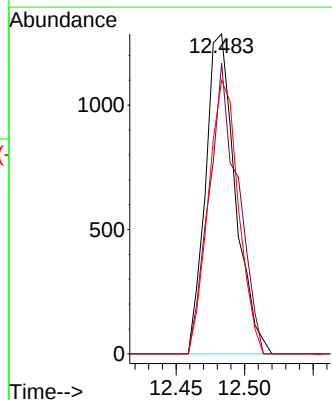
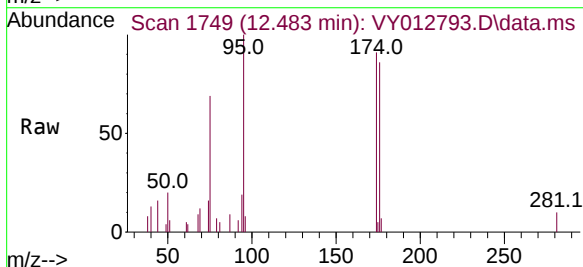
Instrument :
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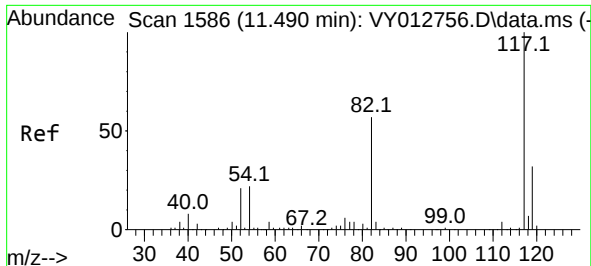
Tgt Ion: 98 Resp: 7179
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

Tgt Ion: 95 Resp: 1948
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 86.6 0.0 170.2

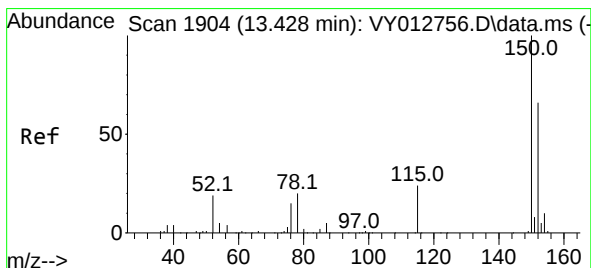
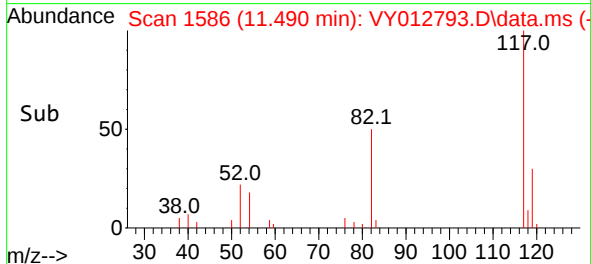
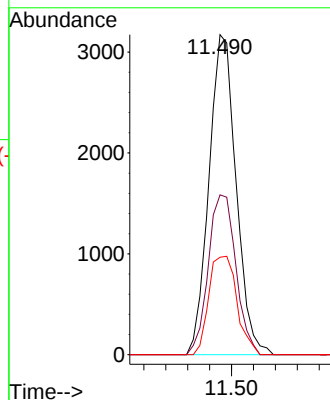
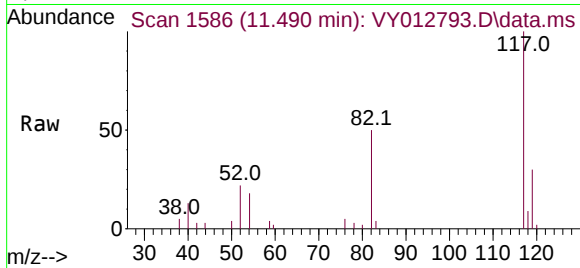




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

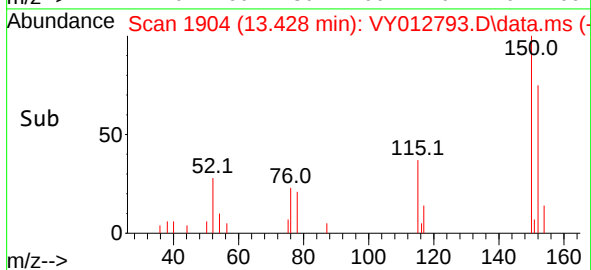
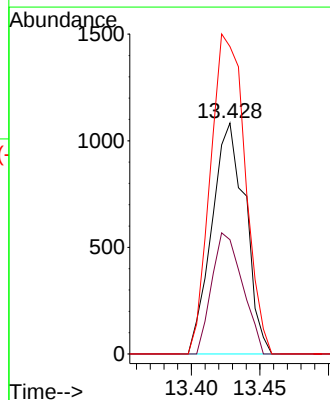
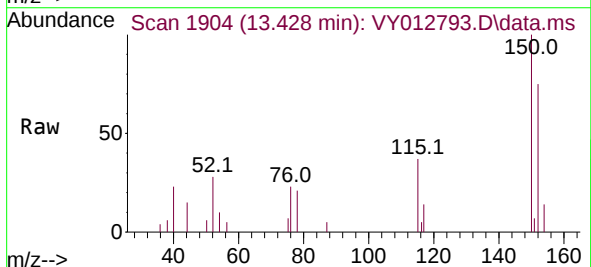
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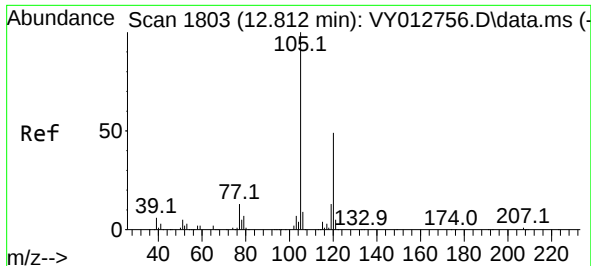
Tgt Ion:117	Resp:	5455
Ion	Ratio	Lower Upper
117	100	
82	50.0	45.4 68.0
119	30.5	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

Tgt Ion:152	Resp:	1845
Ion	Ratio	Lower Upper
152	100	
115	48.1	27.1 81.3
150	143.4	0.0 347.8

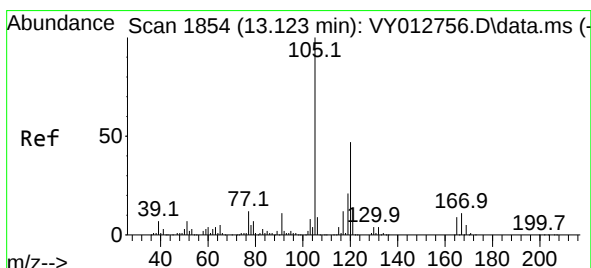
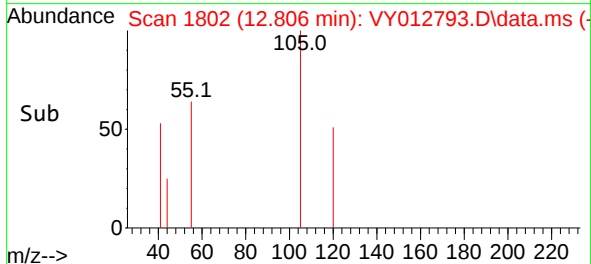
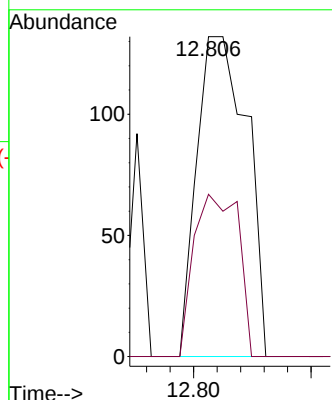
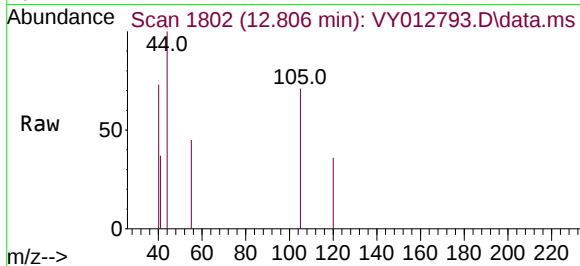




#80
1,3,5-Trimethylbenzene
Concen: 1.807 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

Instrument :
MSVOA_Y
ClientSampleId :
RBR200058RE

Tgt Ion:105 Resp: 195
Ion Ratio Lower Upper
105 100
120 45.1 24.8 74.4



#84
1,2,4-Trimethylbenzene
Concen: 2.568 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY012793.D
Acq: 03 Mar 2023 14:11

Tgt Ion:105 Resp: 271
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0

