

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012823.D
 Acq On : 06 Mar 2023 15:05
 Operator : KP/MD
 Sample : 01820-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-3-03032023

Quant Time: Mar 07 04:24:41 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)

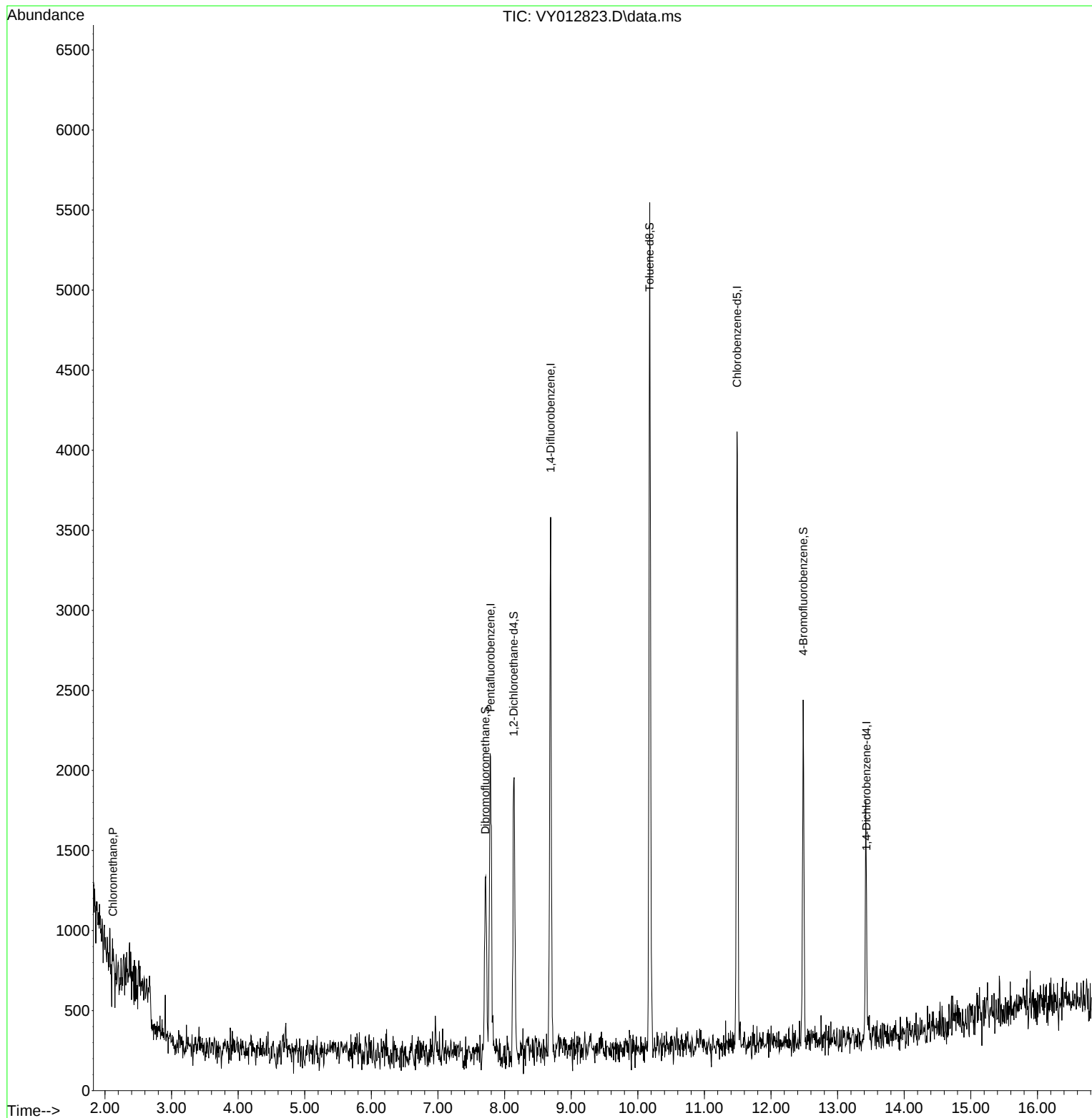
Internal Standards						
1) Pentafluorobenzene	7.789	168	1932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2397	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1350	70.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.760%	
35) Dibromofluoromethane	7.710	113	942	50.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.179	98	3632	53.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.483	95	696	30.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.960%	
Target Compounds						
3) Chloromethane	2.119	50	154	6.765	ug/l	# 72

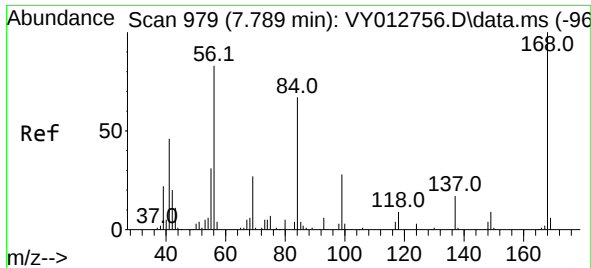
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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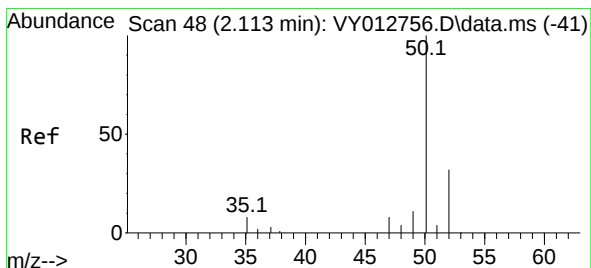
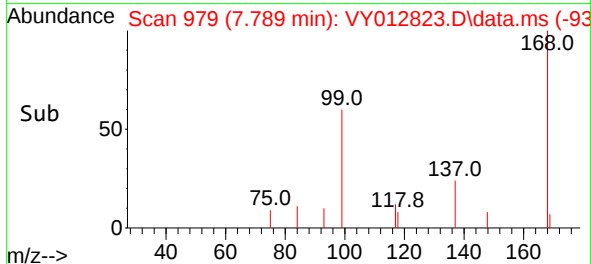
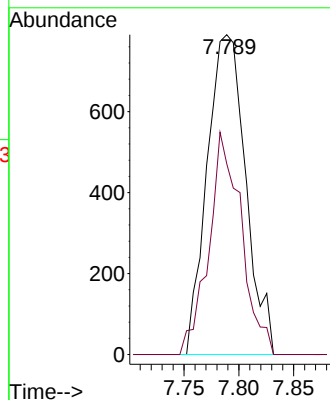
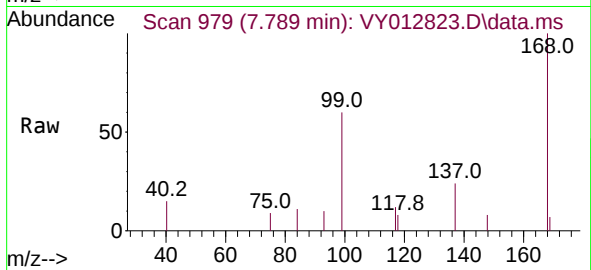




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

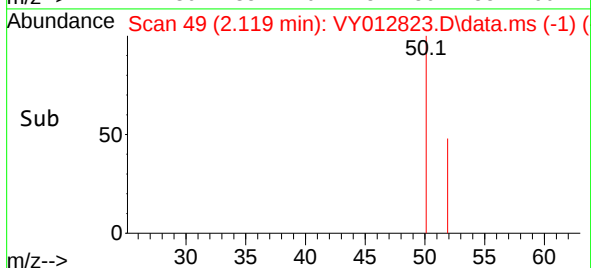
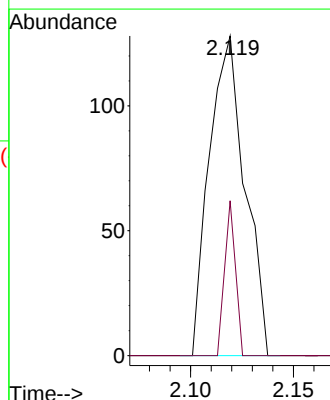
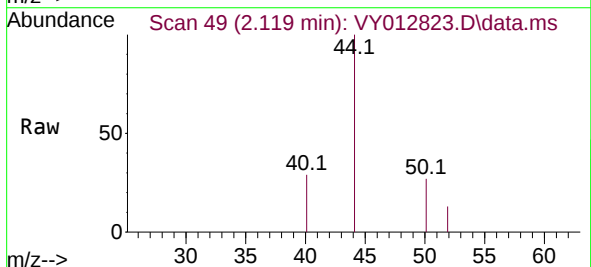
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

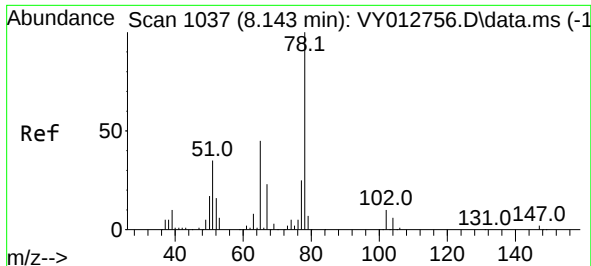
Tgt Ion:168 Resp: 1932
Ion Ratio Lower Upper
168 100
99 59.6 41.7 62.5



#3
Chloromethane
Concen: 6.765 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion: 50 Resp: 154
Ion Ratio Lower Upper
50 100
52 48.4 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 70.378 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012823.D

Acq: 06 Mar 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

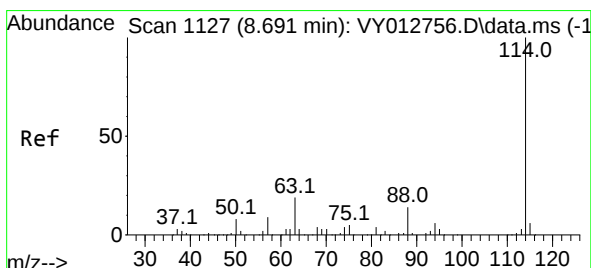
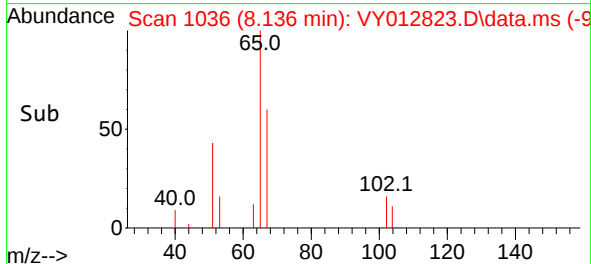
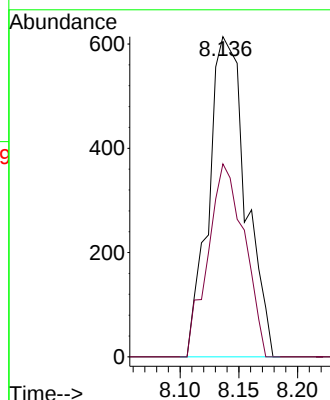
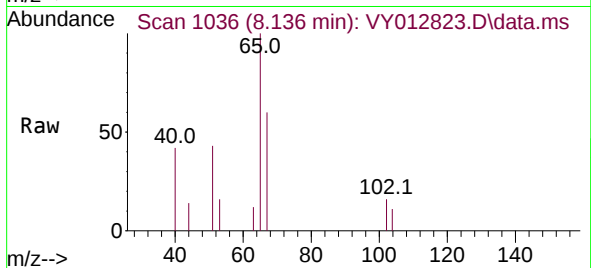
HR-3-03032023

Tgt Ion: 65 Resp: 1350

Ion Ratio Lower Upper

65 100

67 59.0 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: VY012823.D

Acq: 06 Mar 2023 15:05

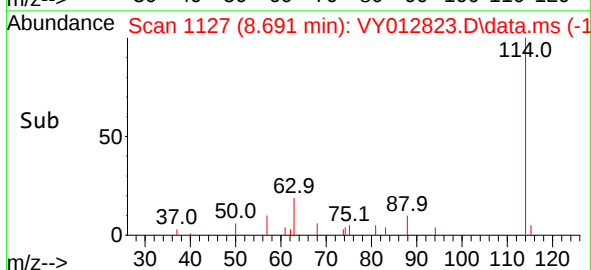
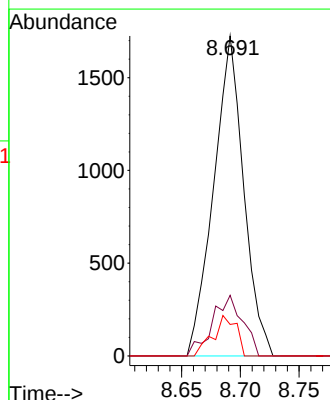
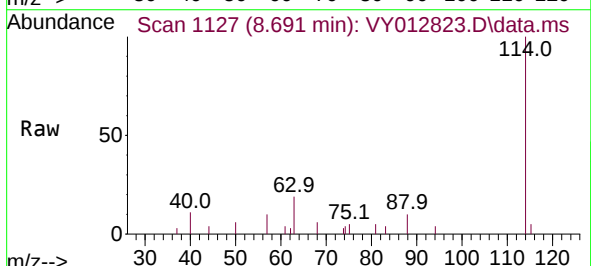
Tgt Ion: 114 Resp: 3066

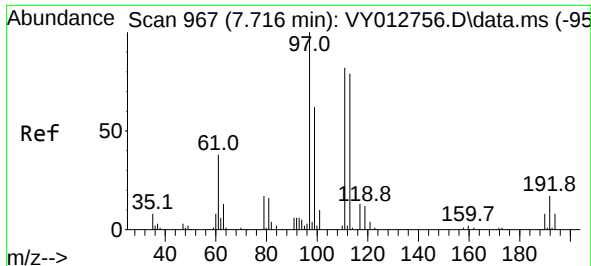
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 9.9 0.0 28.6

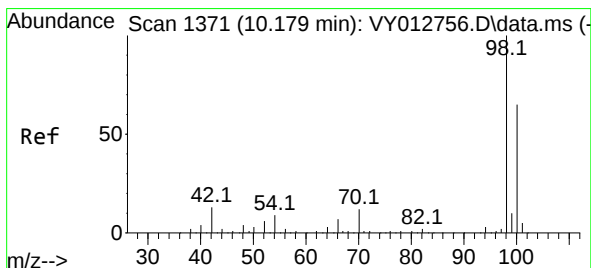
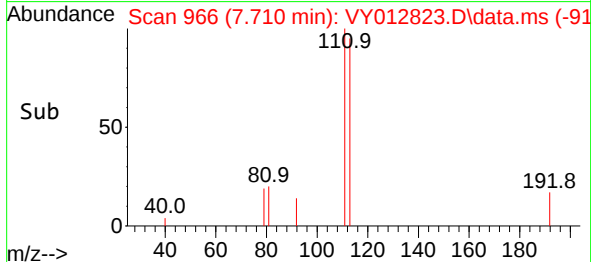
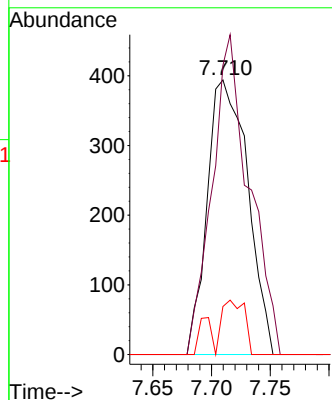
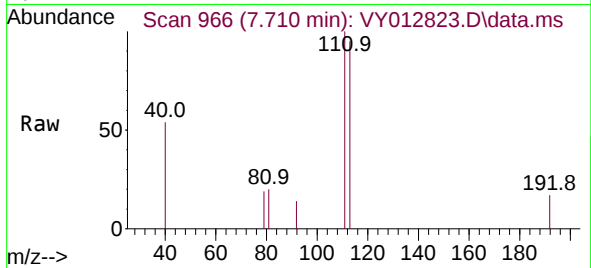




#35
Dibromofluoromethane
Concen: 50.910 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

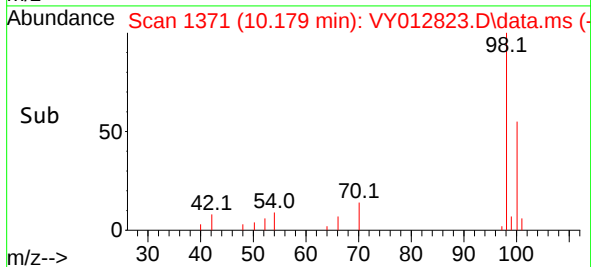
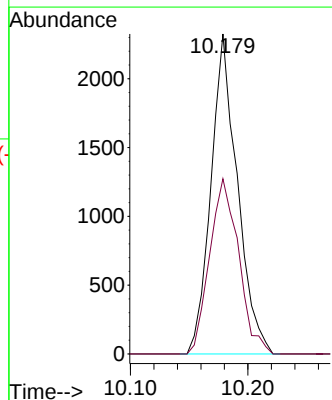
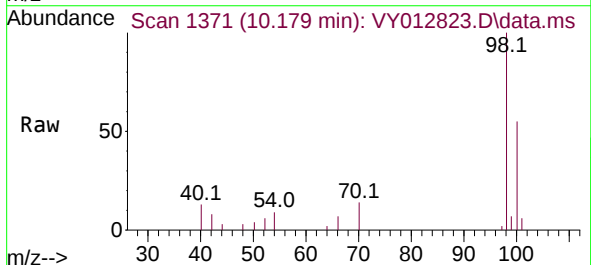
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

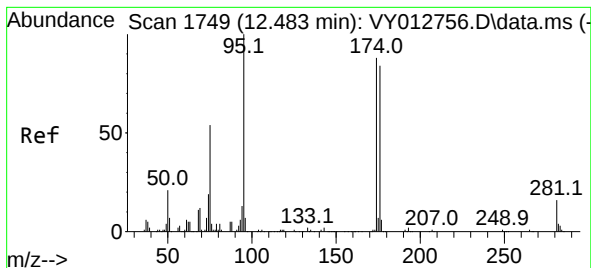
Tgt Ion:113 Resp: 942
Ion Ratio Lower Upper
113 100
111 106.9 82.2 123.2
192 11.1 16.8 25.2#



#50
Toluene-d8
Concen: 53.693 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion: 98 Resp: 3632
Ion Ratio Lower Upper
98 100
100 60.2 50.9 76.3

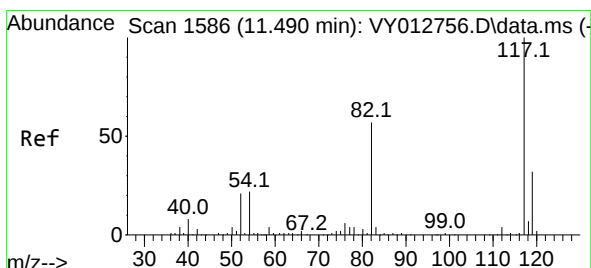
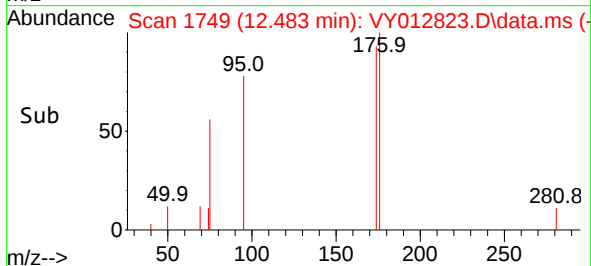
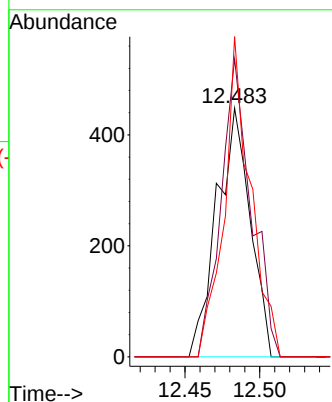
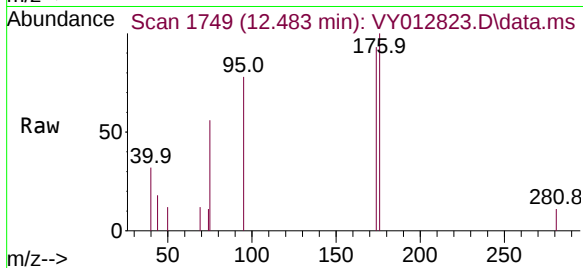




#62
4-Bromofluorobenzene
Concen: 30.484 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

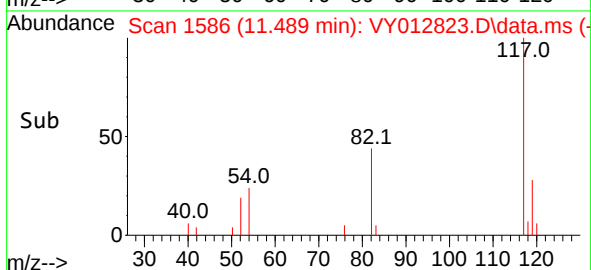
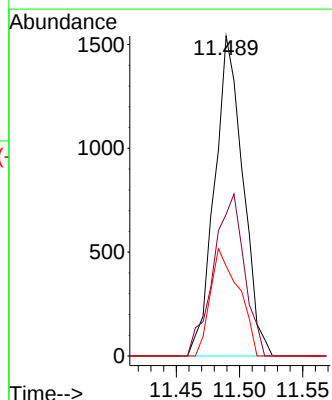
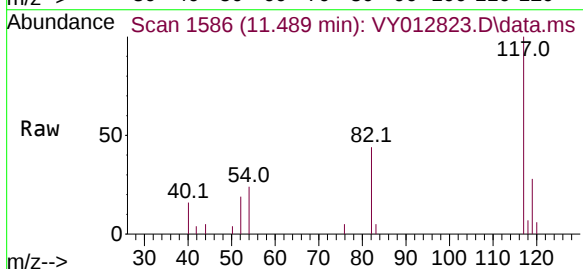
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

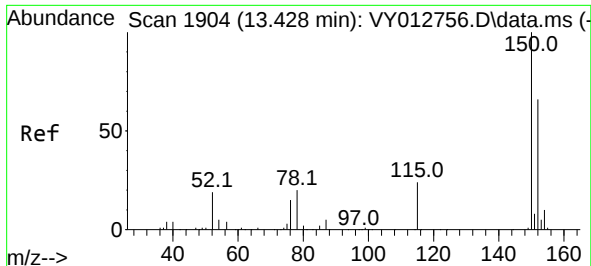
Tgt Ion:	95	Resp:	696
Ion	Ratio	Lower	Upper
95	100		
174	108.8	0.0	176.6
176	101.4	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion:	117	Resp:	2397
Ion	Ratio	Lower	Upper
117	100		
82	44.3	45.4	68.0#
119	28.1	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY012823.D

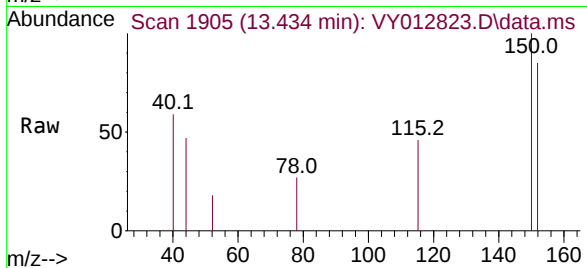
Acq: 06 Mar 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

HR-3-03032023



Tgt Ion:152 Resp: 426

Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.3

150 184.7 0.0 347.8

