

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012780.D
 Acq On : 02 Mar 2023 23:25
 Operator : KP/MD
 Sample : 01760-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200058

Quant Time: Mar 03 02:02:50 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)

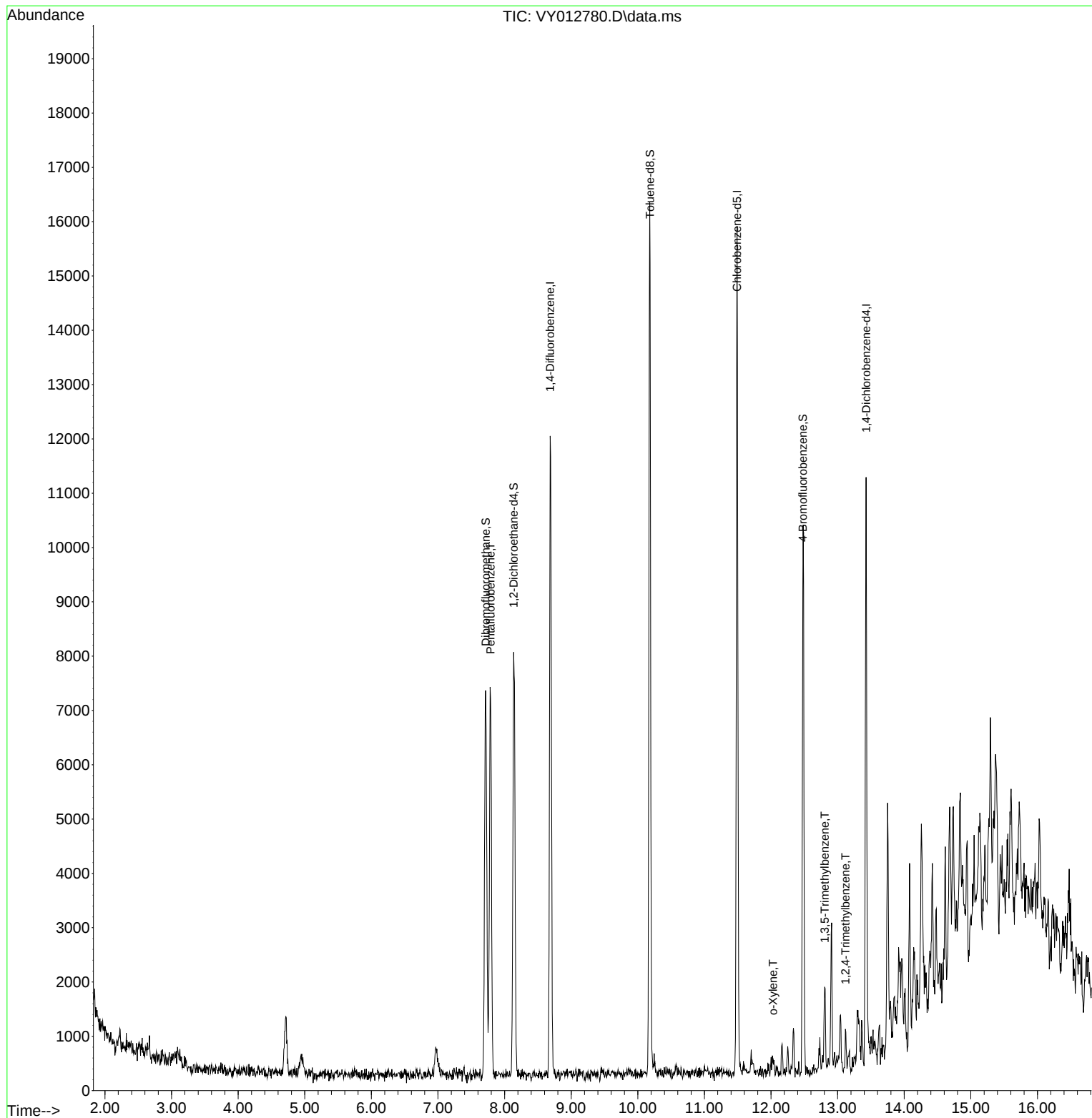
Internal Standards						
1) Pentafluorobenzene	7.789	168	5886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6173	105.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 211.260%#	
35) Dibromofluoromethane	7.716	113	5056	82.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 164.160%#	
50) Toluene-d8	10.185	98	10935	48.558	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.120%	
62) 4-Bromofluorobenzene	12.477	95	3280	43.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.300%	
Target Compounds						Qvalue
69) o-Xylene	12.032	106	120	1.065	ug/l	64
80) 1,3,5-Trimethylbenzene	12.806	105	234	1.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	418	2.495	ug/l	86

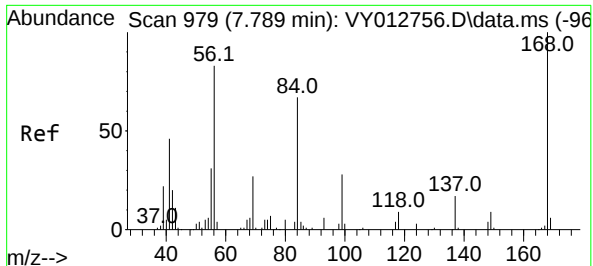
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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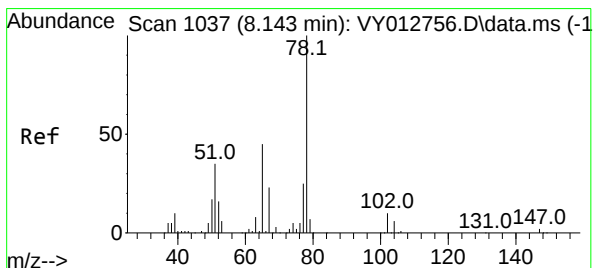
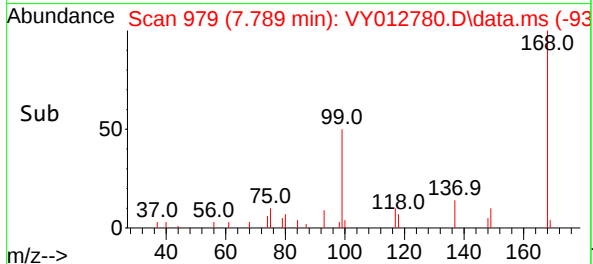
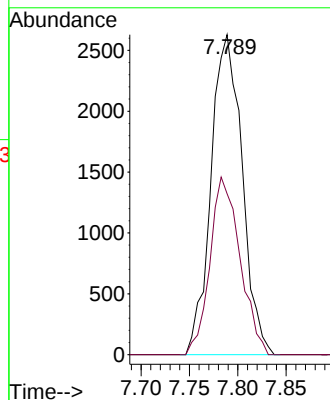
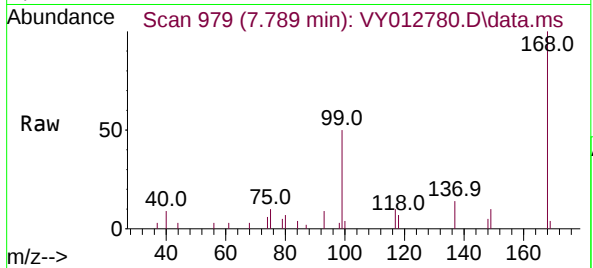




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

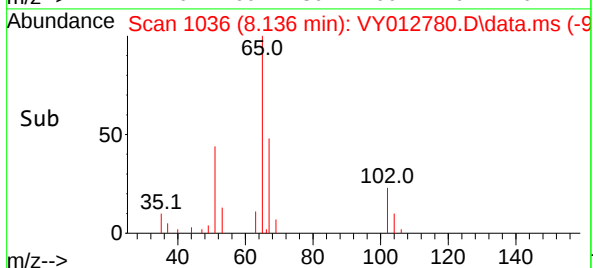
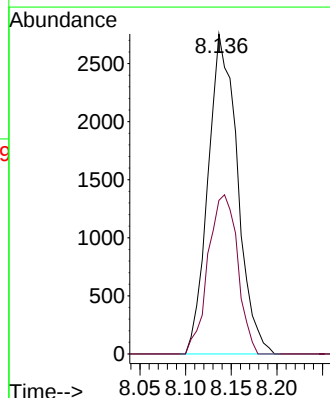
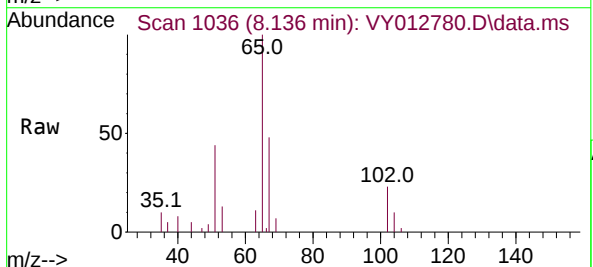
Instrument :
MSVOA_Y
ClientSampleId :
RBR200058

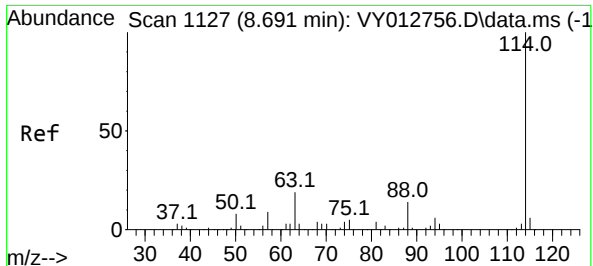
Tgt Ion:168 Resp: 5886
Ion Ratio Lower Upper
168 100
99 50.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 105.629 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

Tgt Ion: 65 Resp: 6173
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012780.D

Acq: 02 Mar 2023 23:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR200058

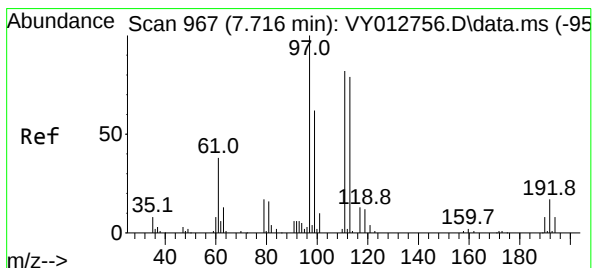
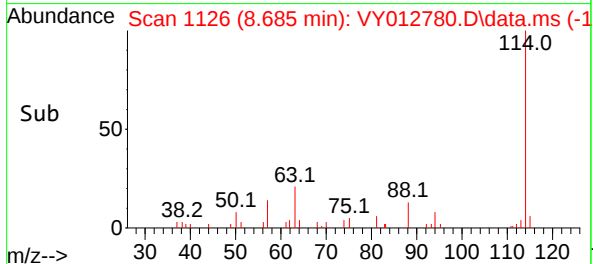
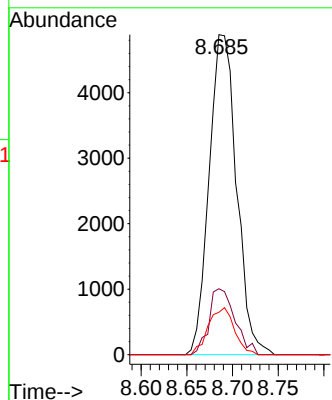
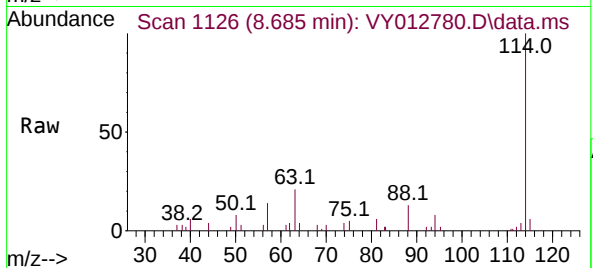
Tgt Ion:114 Resp: 10207

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 13.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 82.079 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012780.D

Acq: 02 Mar 2023 23:25

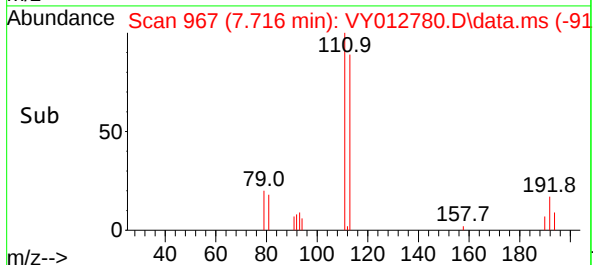
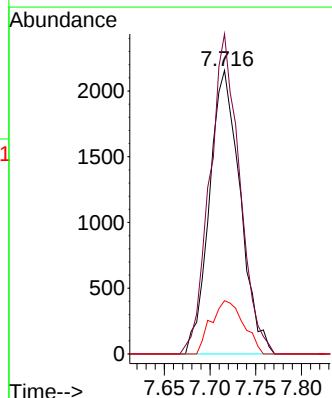
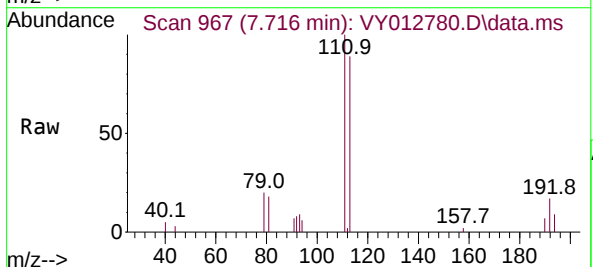
Tgt Ion:113 Resp: 5056

Ion Ratio Lower Upper

113 100

111 109.5 82.2 123.2

192 19.8 16.8 25.2

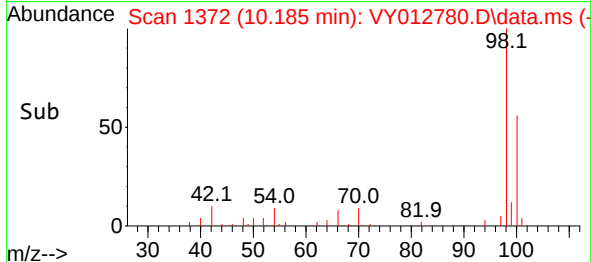
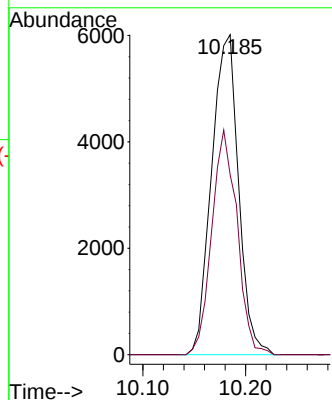
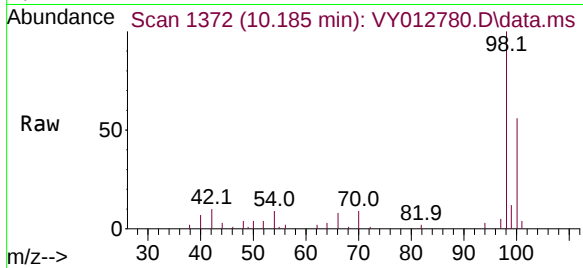




#50
Toluene-d8
Concen: 48.558 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

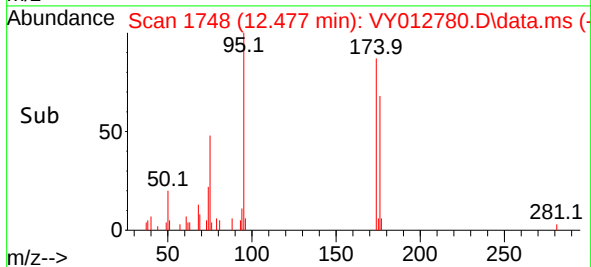
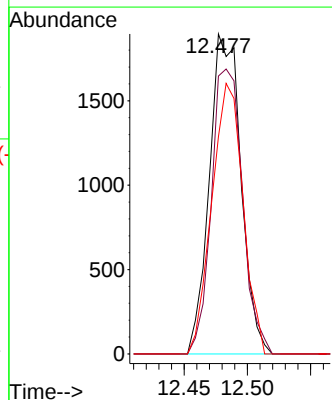
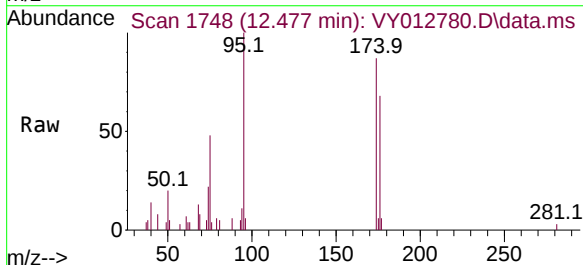
Instrument :
MSVOA_Y
ClientSampleId :
RBR200058

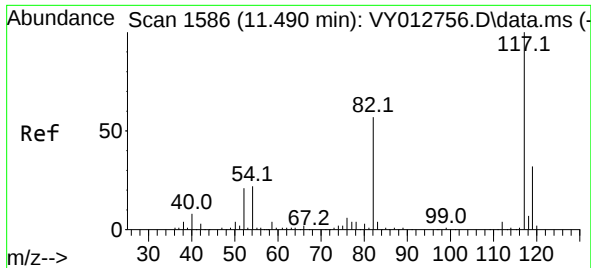
Tgt Ion: 98 Resp: 10935
Ion Ratio Lower Upper
98 100
100 66.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

Tgt Ion: 95 Resp: 3280
Ion Ratio Lower Upper
95 100
174 88.0 0.0 176.6
176 83.5 0.0 170.2

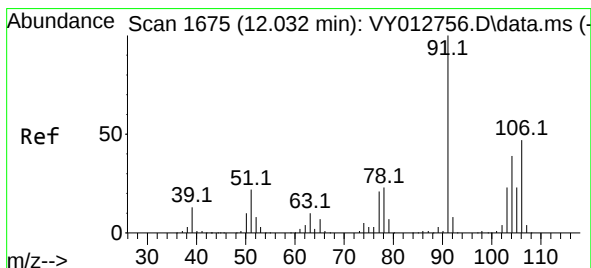
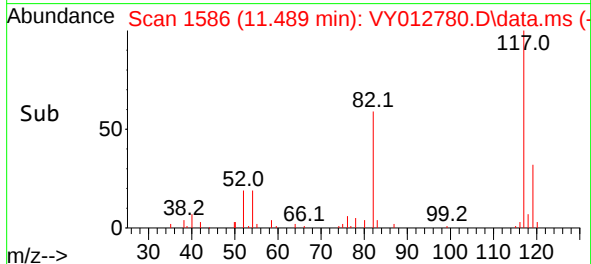
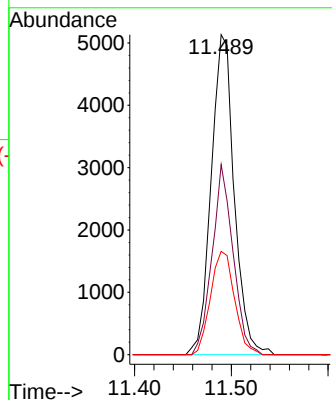
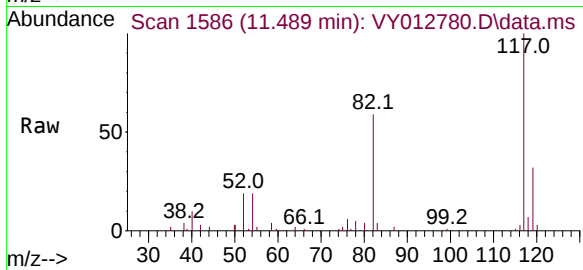




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

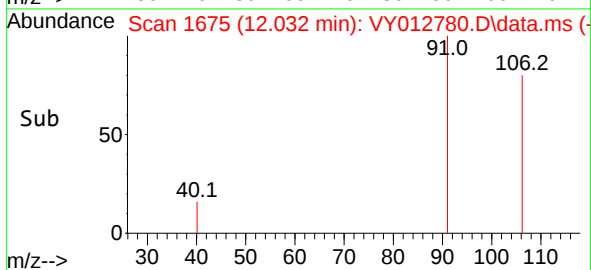
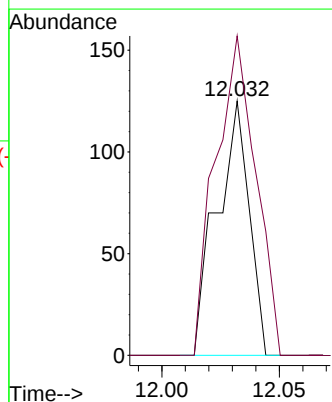
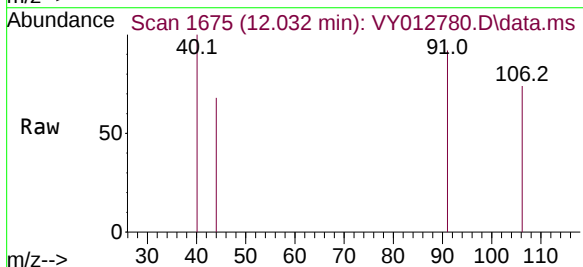
Instrument :
MSVOA_Y
ClientSampleId :
RBR200058

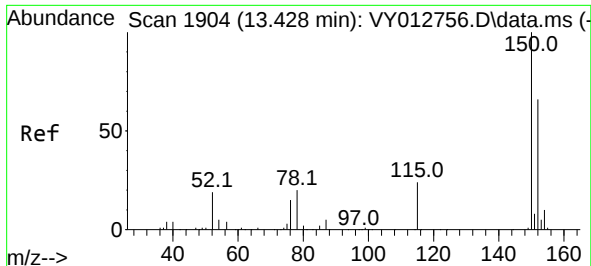
Tgt Ion:117 Resp: 8508
Ion Ratio Lower Upper
117 100
82 59.4 45.4 68.0
119 32.3 25.6 38.4



#69
o-Xylene
Concen: 1.065 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

Tgt Ion:106 Resp: 120
Ion Ratio Lower Upper
106 100
91 156.7 107.2 321.6

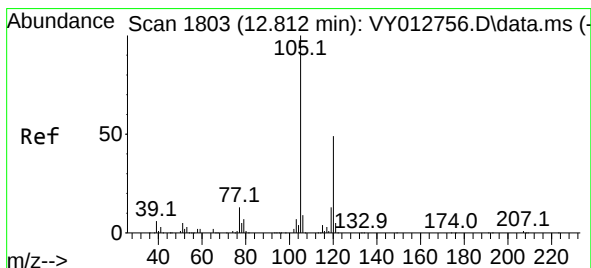
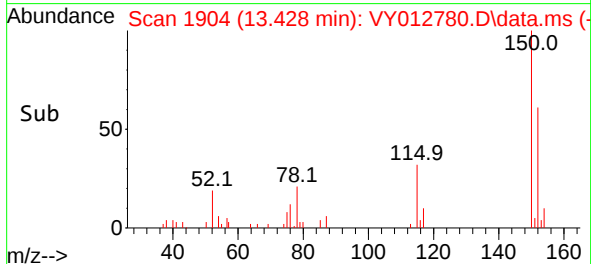
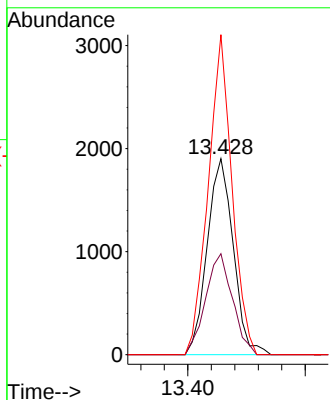
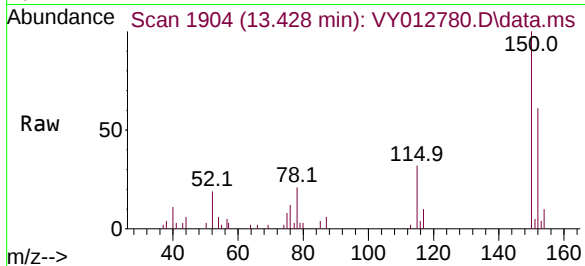




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

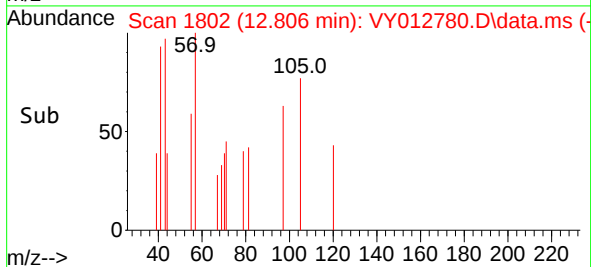
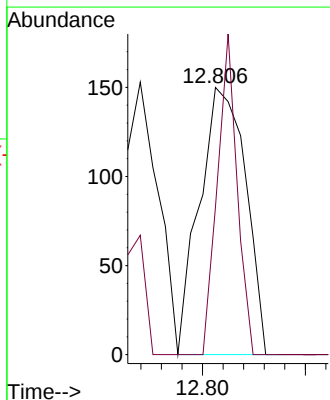
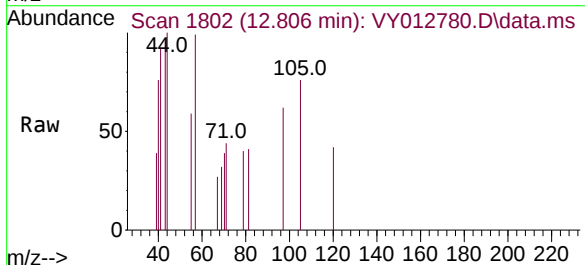
Instrument :
MSVOA_Y
ClientSampleId :
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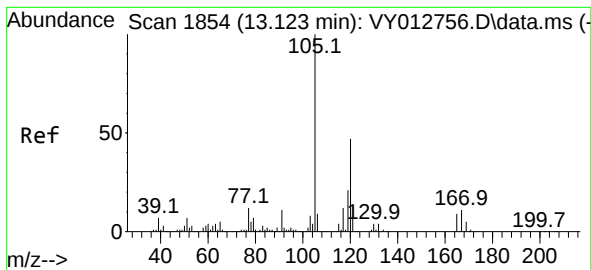
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	27.1	81.3
150	148.9	0.0	347.8



#80
1,3,5-Trimethylbenzene
Concen: 1.366 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY012780.D
Acq: 02 Mar 2023 23:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.3	24.8	74.4





#84

1,2,4-Trimethylbenzene

Concen: 2.495 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012780.D

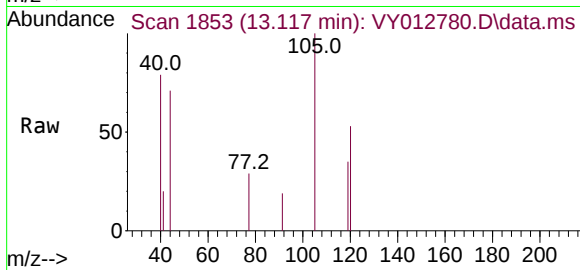
Acq: 02 Mar 2023 23:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR200058



Tgt Ion:105 Resp: 418

Ion Ratio Lower Upper

105 100

120 55.5 23.0 69.0

