

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012423.D
 Acq On : 31 Jan 2023 16:22
 Operator : KP/MD
 Sample : 01358-13RE
 Misc : 12.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-5-012723RE

Quant Time: Feb 01 01:25:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

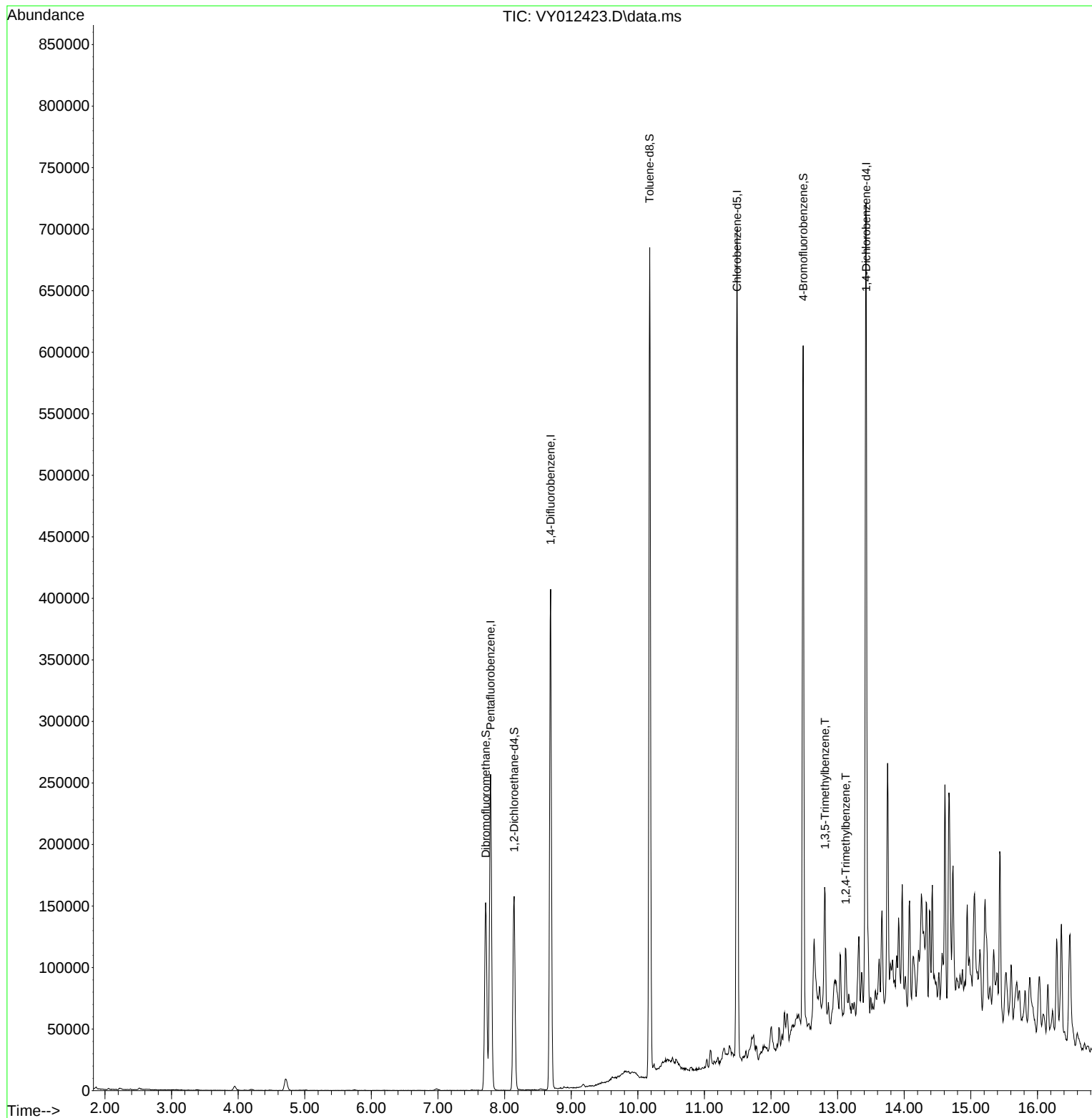
Internal Standards						
1) Pentafluorobenzene	7.789	168	206652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	379234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129083	77.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.040%
35) Dibromofluoromethane	7.716	113	105587	56.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.160%
50) Toluene-d8	10.179	98	448593	70.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	141.100%#
62) 4-Bromofluorobenzene	12.483	95	168669	63.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.100%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.812	105	21055	1.835	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	32287	2.854	ug/l	90

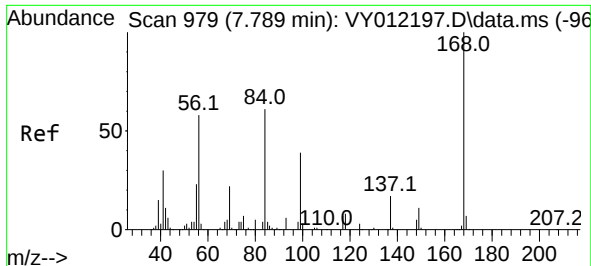
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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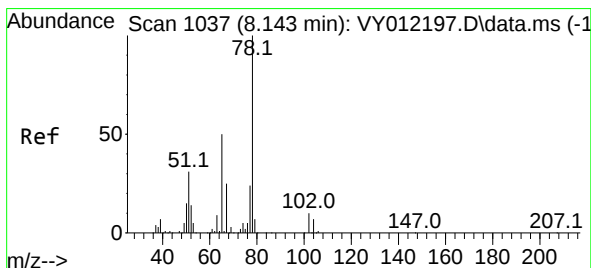
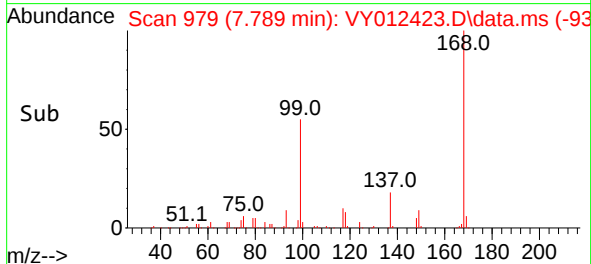
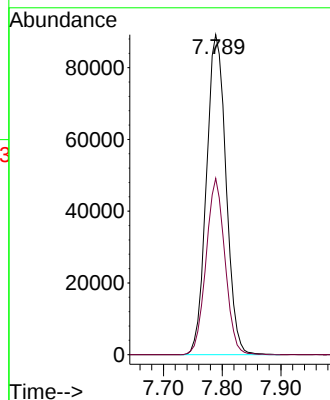
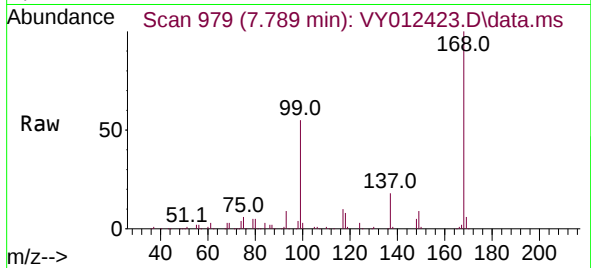




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012423.D
Acq: 31 Jan 2023 16:22

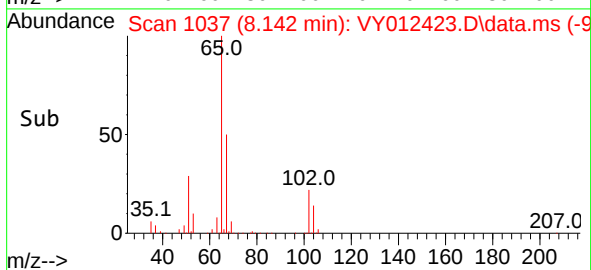
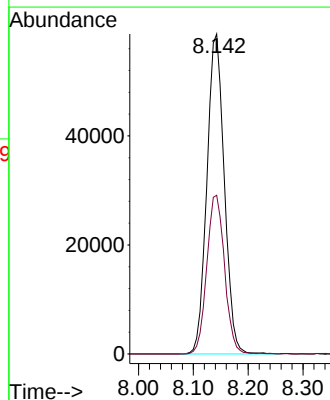
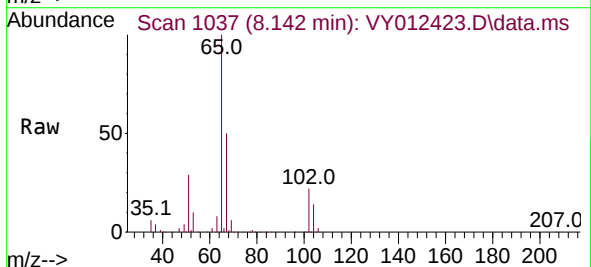
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723RE

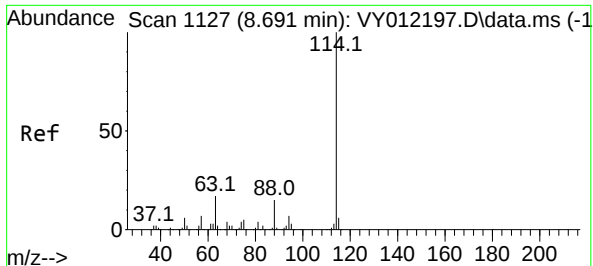
Tgt Ion:168 Resp: 206652
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 77.523 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012423.D
Acq: 31 Jan 2023 16:22

Tgt Ion: 65 Resp: 129083
Ion Ratio Lower Upper
65 100
67 50.7 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: VY012423.D

Acq: 31 Jan 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

JPP-5-012723RE

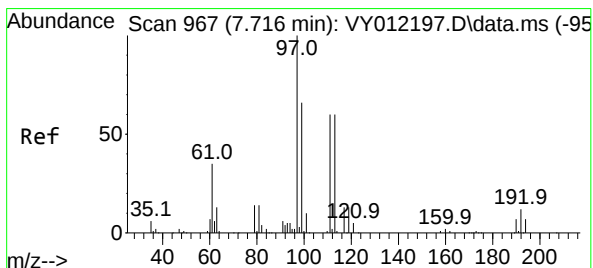
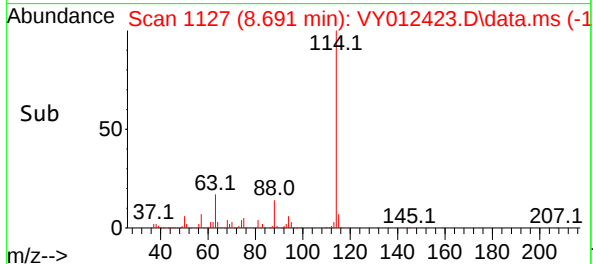
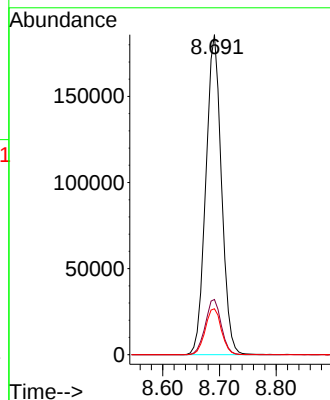
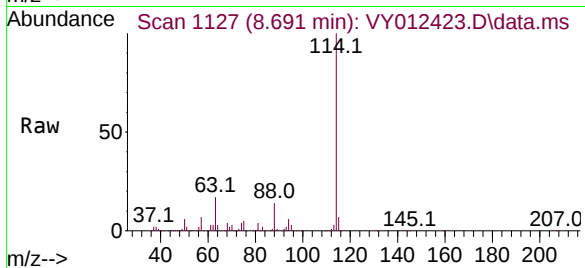
Tgt Ion:114 Resp: 355553

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.084 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012423.D

Acq: 31 Jan 2023 16:22

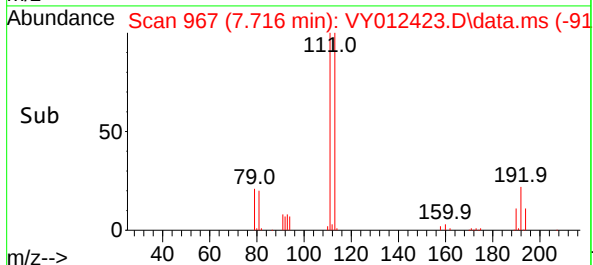
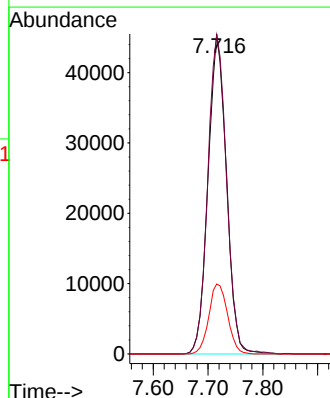
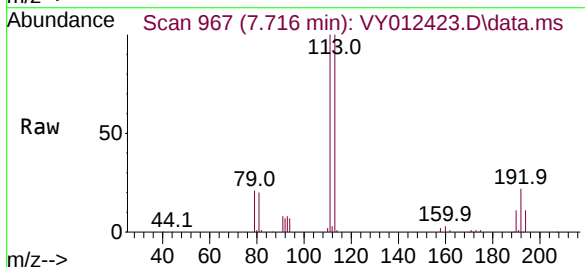
Tgt Ion:113 Resp: 105587

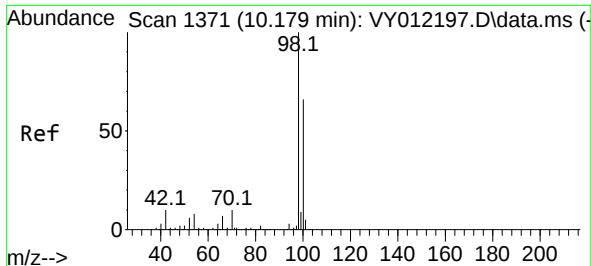
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 22.4 16.0 24.0

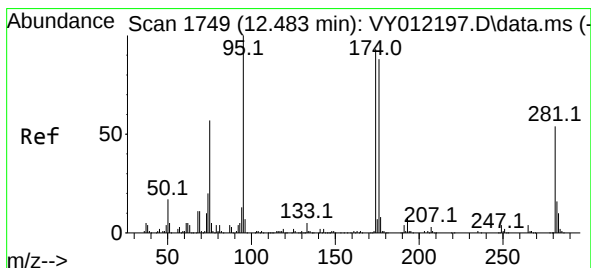
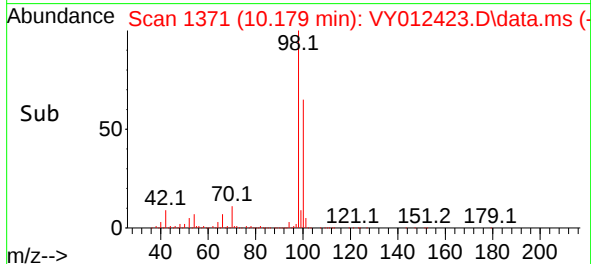
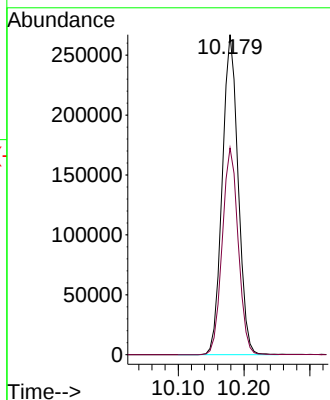
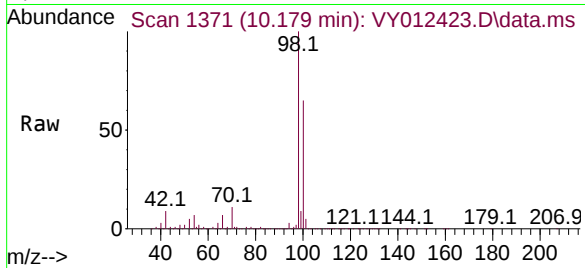




#50
Toluene-d8
Concen: 70.551 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012423.D
Acq: 31 Jan 2023 16:22

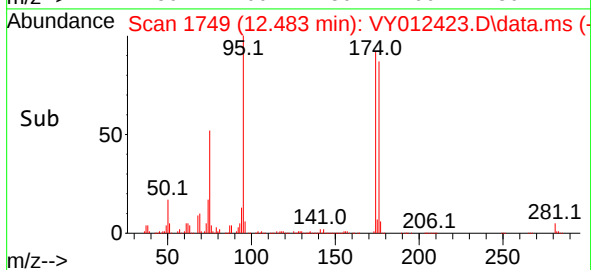
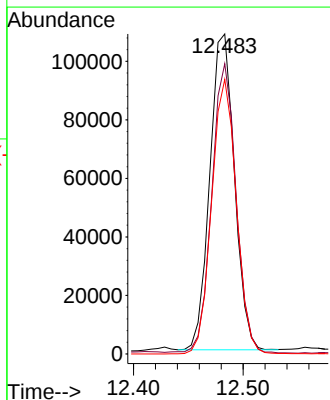
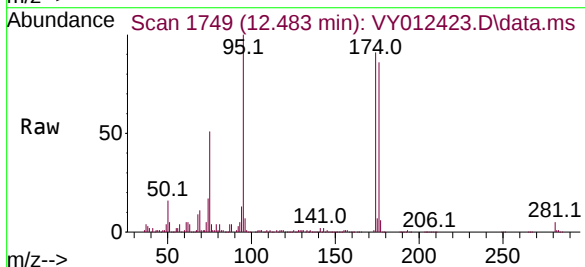
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723RE

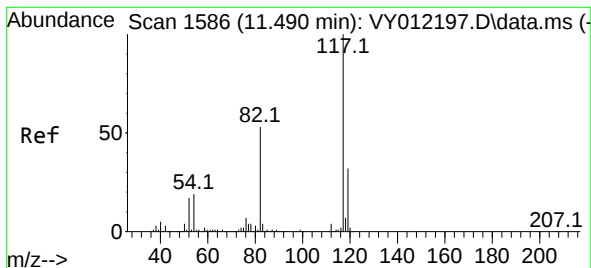
Tgt Ion: 98 Resp: 448593
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 63.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012423.D
Acq: 31 Jan 2023 16:22

Tgt Ion: 95 Resp: 168669
Ion Ratio Lower Upper
95 100
174 90.6 0.0 172.0
176 87.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012423.D

Acq: 31 Jan 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

JPP-5-012723RE

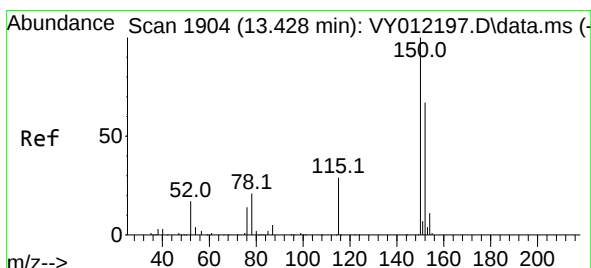
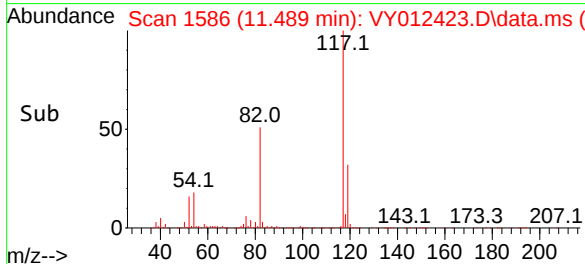
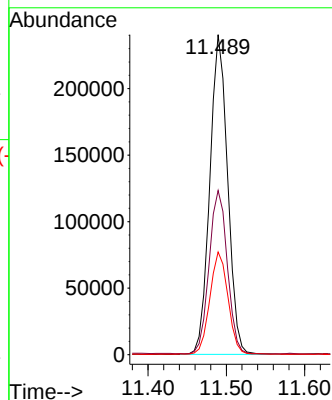
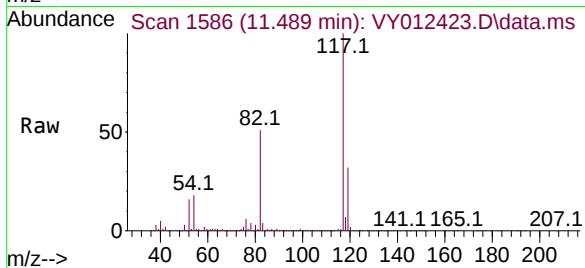
Tgt Ion:117 Resp: 379234

Ion Ratio Lower Upper

117 100

82 51.1 44.8 67.2

119 32.0 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: VY012423.D

Acq: 31 Jan 2023 16:22

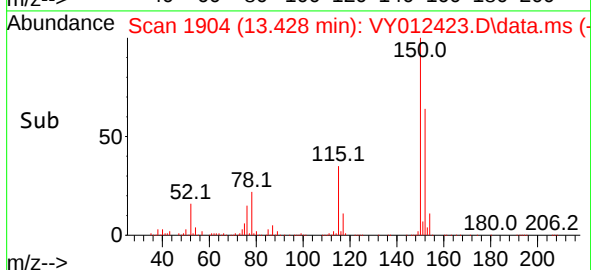
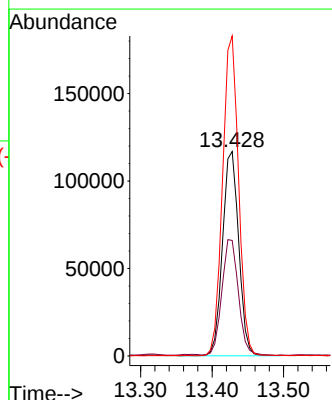
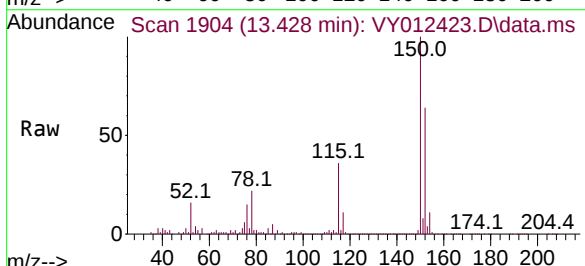
Tgt Ion:152 Resp: 183011

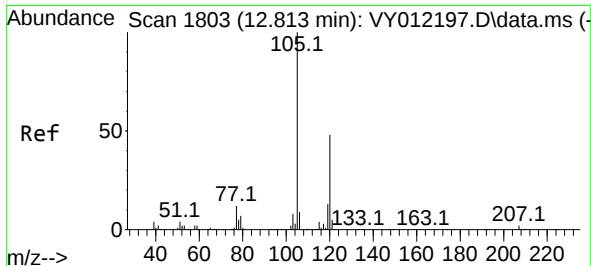
Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 155.1 0.0 342.6

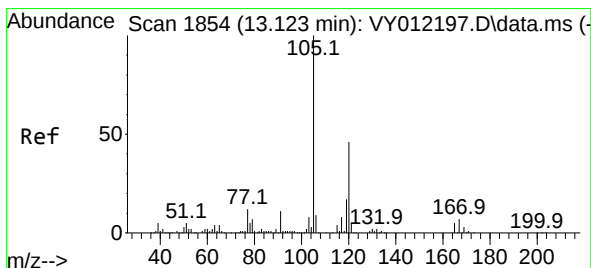
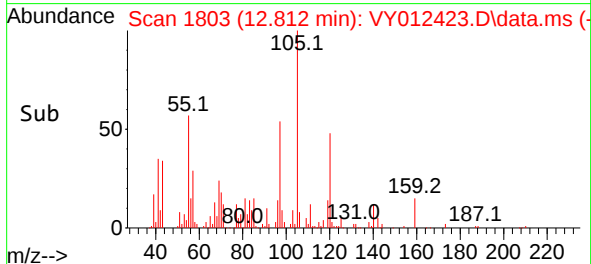
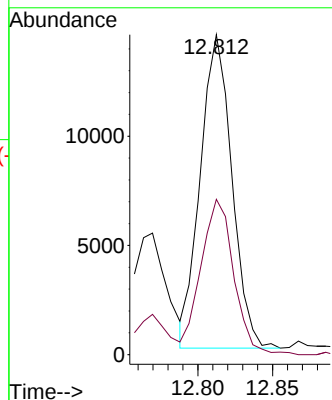
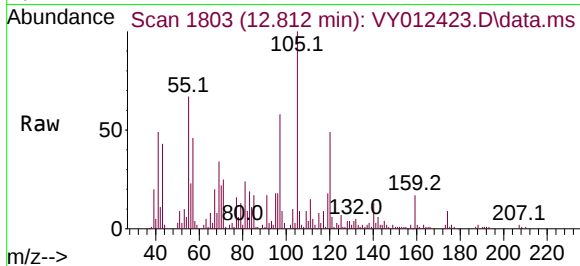




#80
1,3,5-Trimethylbenzene
Concen: 1.835 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012423.D
Acq: 31 Jan 2023 16:22

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723RE

Tgt Ion:105 Resp: 21055
Ion Ratio Lower Upper
105 100
120 51.8 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 2.854 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012423.D
Acq: 31 Jan 2023 16:22

Tgt Ion:105 Resp: 32287
Ion Ratio Lower Upper
105 100
120 39.4 22.9 68.7

