

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013099.D
 Acq On : 27 Mar 2023 18:04
 Operator : KP/MD
 Sample : 02111-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-EAST

Quant Time: Mar 28 01:47:09 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	508	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	705	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	48	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	510	101.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	202.220%#
35) Dibromofluoromethane	7.704	113	269	50.026	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.179	98	1032	52.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.000%
62) 4-Bromofluorobenzene	12.489	95	203	30.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.200%

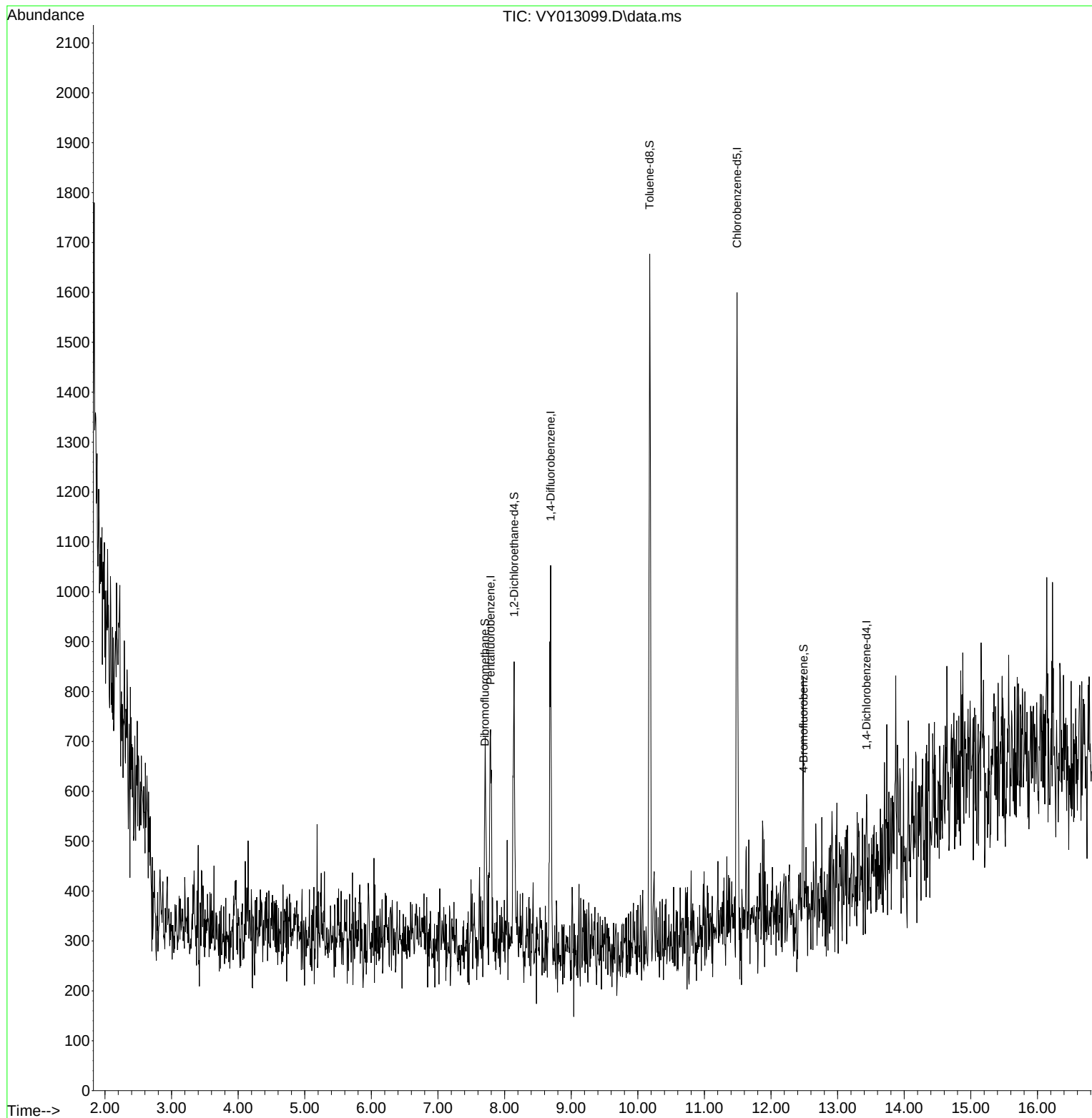
Target Compounds	Qvalue

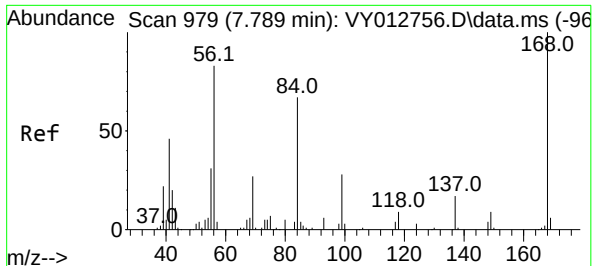
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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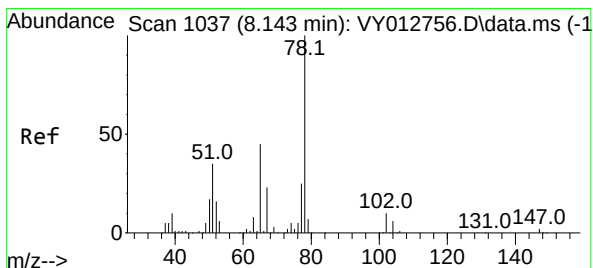
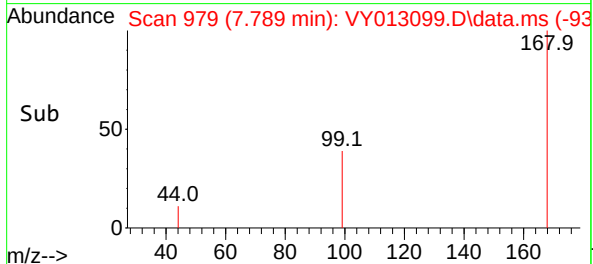
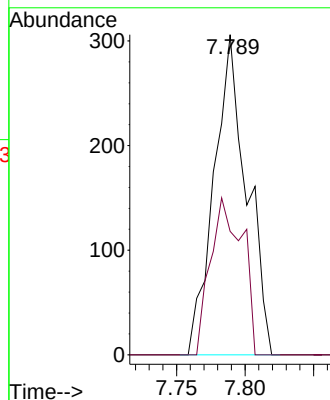
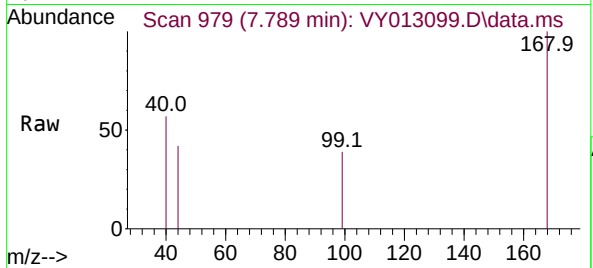




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013099.D
Acq: 27 Mar 2023 18:04

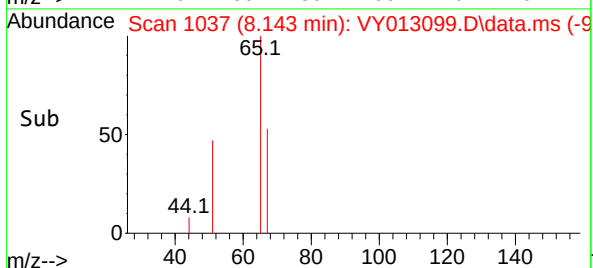
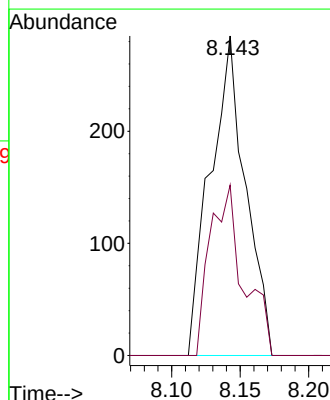
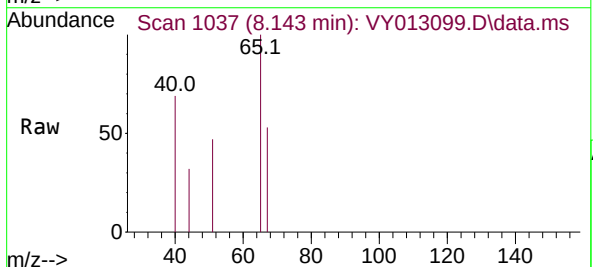
Instrument :
MSVOA_Y
ClientSampleId :
APCS-EAST

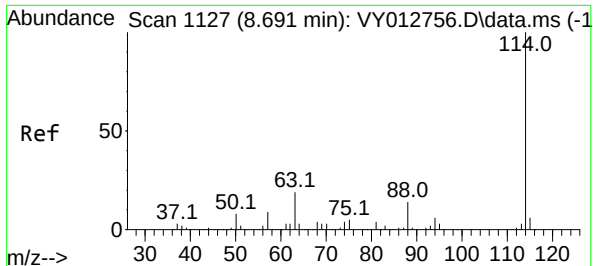
Tgt Ion:168 Resp: 508
Ion Ratio Lower Upper
168 100
99 38.6 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 101.115 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013099.D
Acq: 27 Mar 2023 18:04

Tgt Ion: 65 Resp: 510
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: VY013099.D

Acq: 27 Mar 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

APCS-EAST

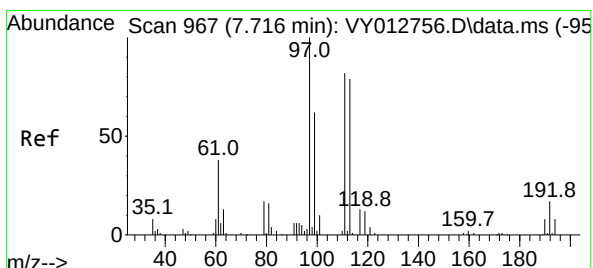
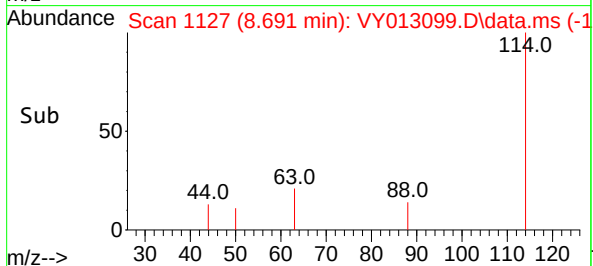
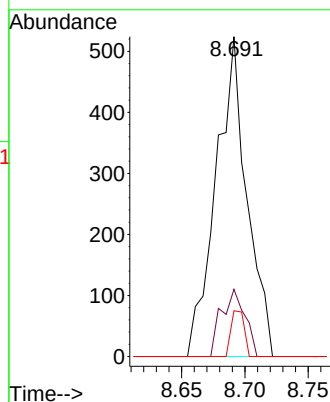
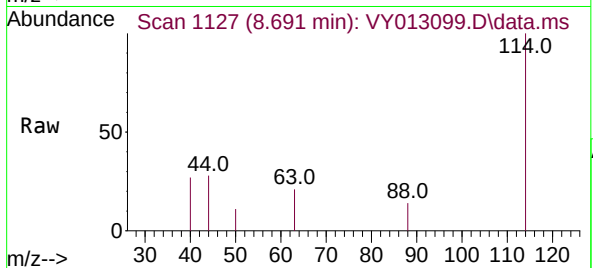
Tgt Ion:114 Resp: 891

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.026 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY013099.D

Acq: 27 Mar 2023 18:04

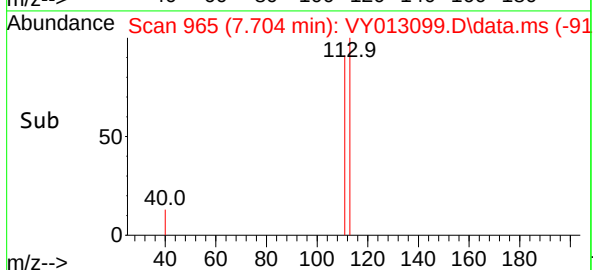
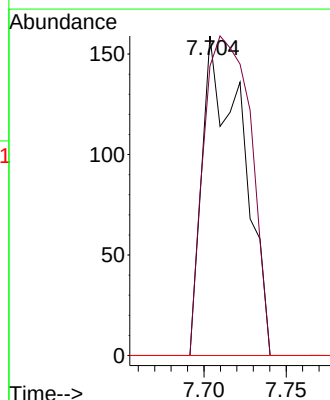
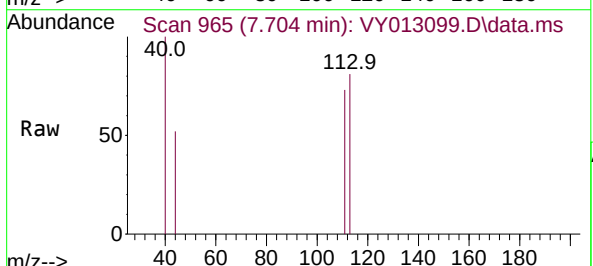
Tgt Ion:113 Resp: 269

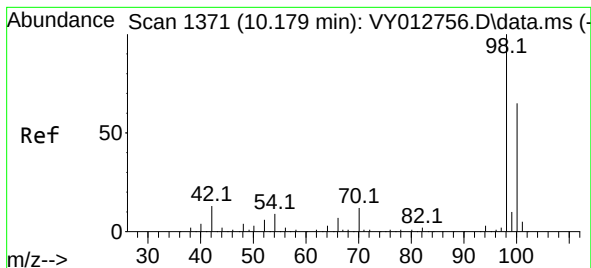
Ion Ratio Lower Upper

113 100

111 117.1 82.2 123.2

192 0.0 16.8 25.2#

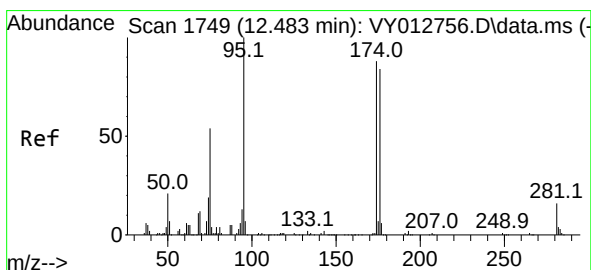
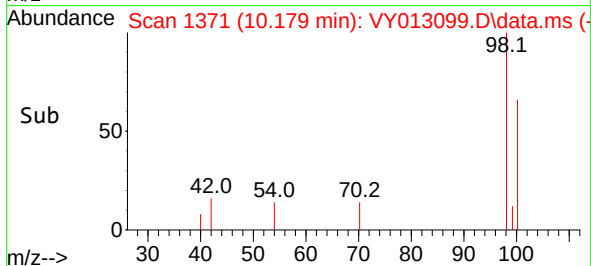
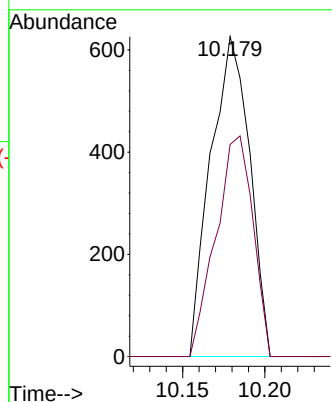
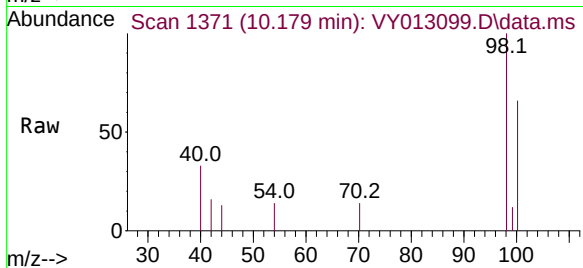




#50
Toluene-d8
Concen: 52.498 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013099.D
Acq: 27 Mar 2023 18:04

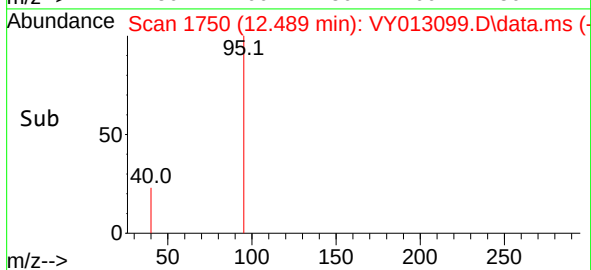
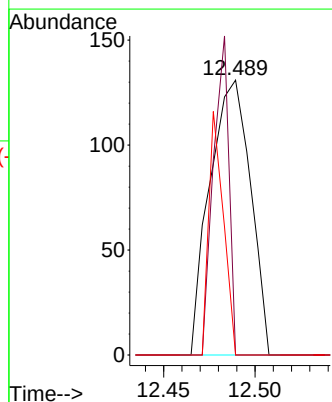
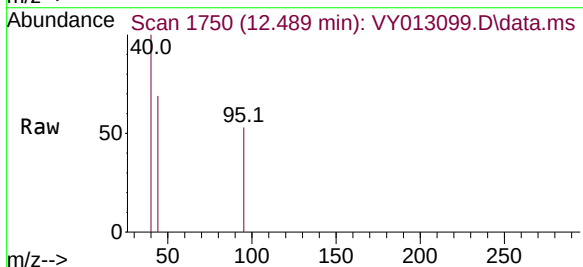
Instrument :
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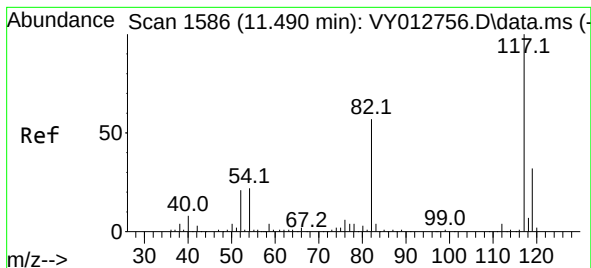
Tgt Ion: 98 Resp: 1032
Ion Ratio Lower Upper
98 100
100 65.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 30.595 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY013099.D
Acq: 27 Mar 2023 18:04

Tgt Ion: 95 Resp: 203
Ion Ratio Lower Upper
95 100
174 44.3 0.0 176.6
176 32.0 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: VY013099.D

Acq: 27 Mar 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

APCS-EAST

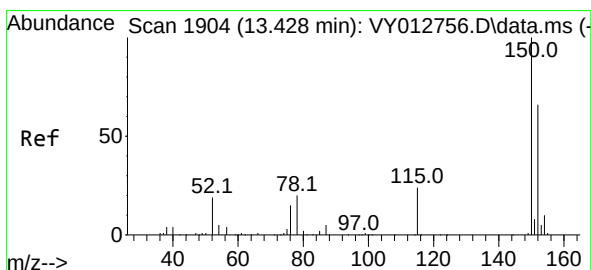
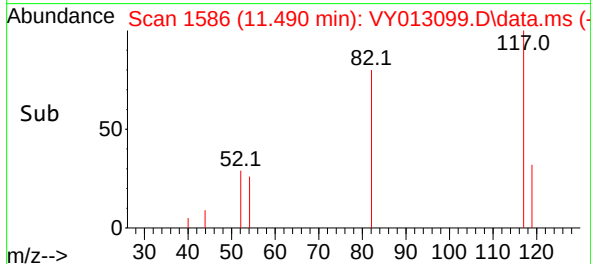
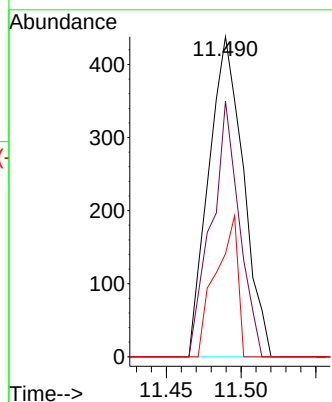
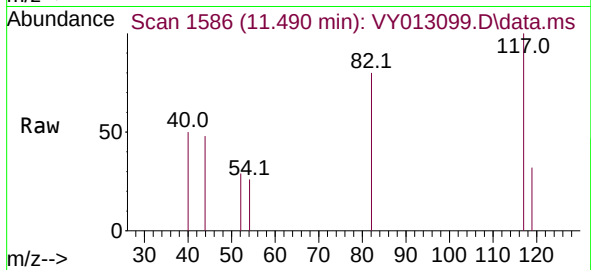
Tgt Ion:117 Resp: 705

Ion Ratio Lower Upper

117 100

82 79.9 45.4 68.0#

119 32.2 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: VY013099.D

Acq: 27 Mar 2023 18:04

Tgt Ion:152 Resp: 48

Ion Ratio Lower Upper

152 100

115 0.0 27.1 81.3#

150 297.9 0.0 347.8

