

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012847.D
 Acq On : 07 Mar 2023 16:08
 Operator : KP/MD
 Sample : 01825-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP2-0306

Quant Time: Mar 07 23:44:23 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	1543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	853	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	1684	109.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 219.840%#	
35) Dibromofluoromethane	7.716	113	1122	65.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.020%	
50) Toluene-d8	10.179	98	3127	49.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.489	95	993	46.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.980%	

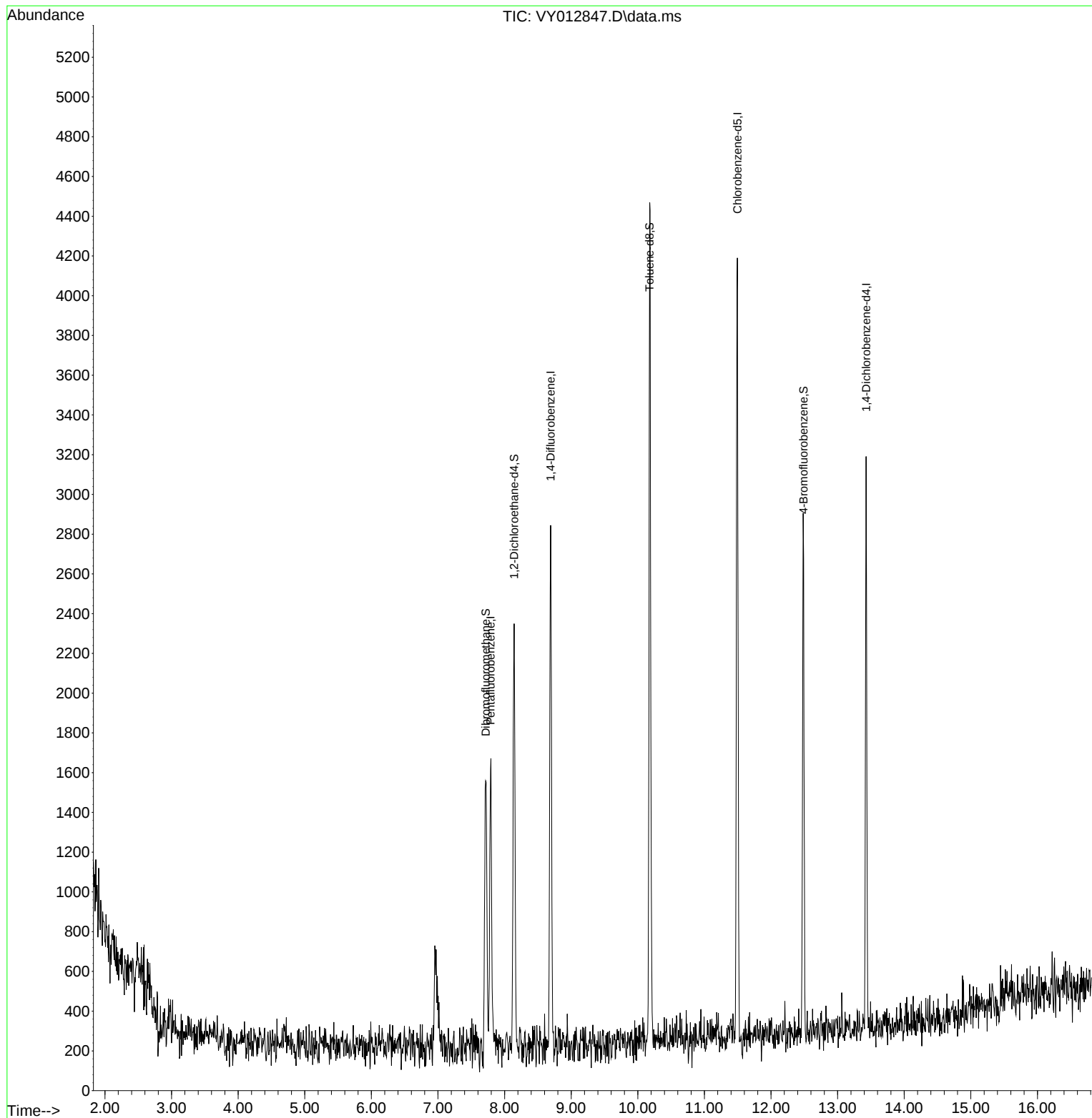
Target Compounds Qvalue

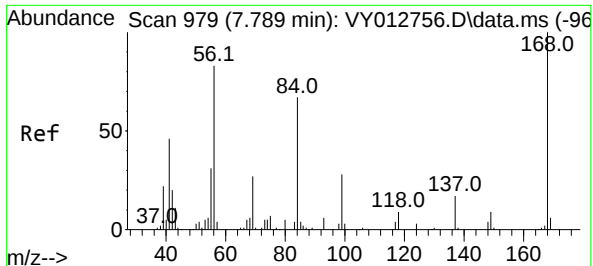
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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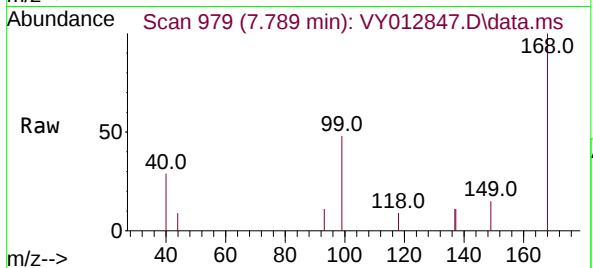
Quant Time: Mar 07 23:44:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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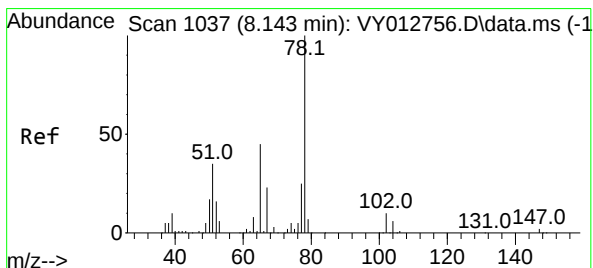
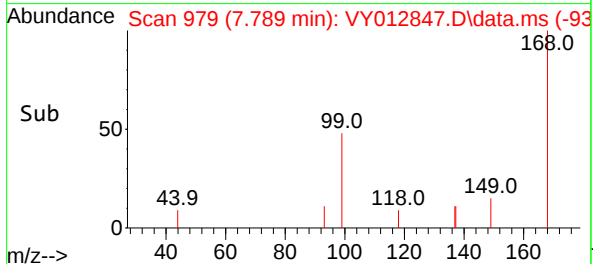
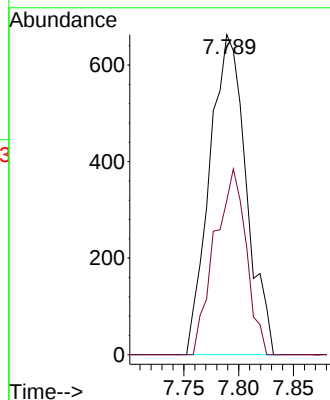


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012847.D
Acq: 07 Mar 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306

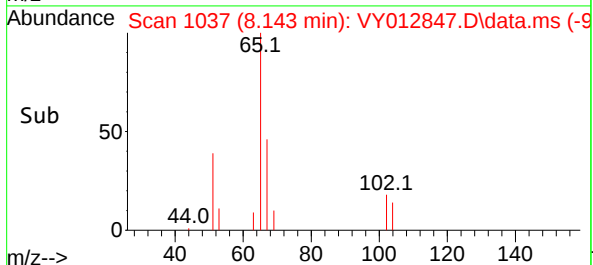
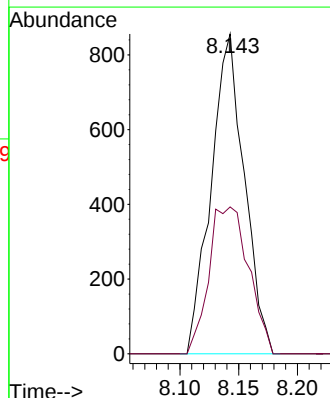
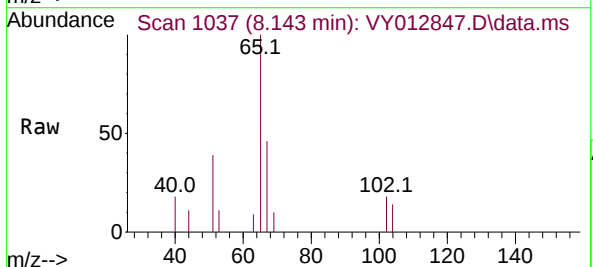


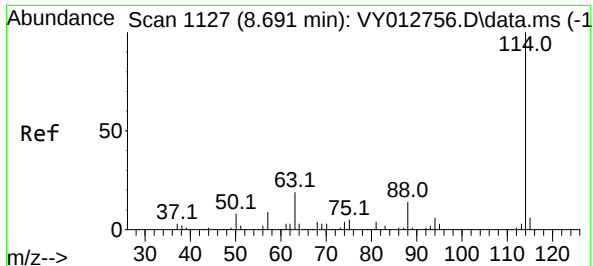
Tgt Ion:168 Resp: 1543
Ion Ratio Lower Upper
168 100
99 48.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 109.922 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012847.D
Acq: 07 Mar 2023 16:08

Tgt Ion: 65 Resp: 1684
Ion Ratio Lower Upper
65 100
67 54.9 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: VY012847.D

Acq: 07 Mar 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP2-0306

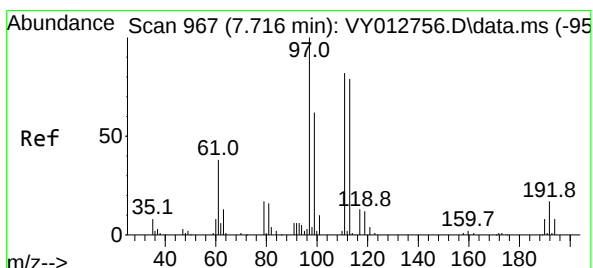
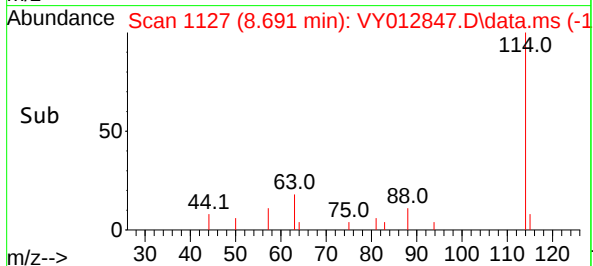
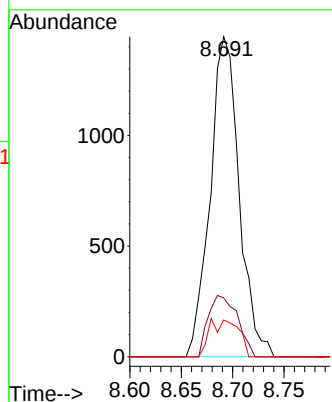
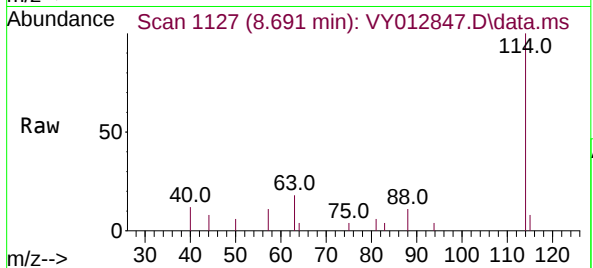
Tgt Ion:114 Resp: 2838

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 11.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 65.509 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012847.D

Acq: 07 Mar 2023 16:08

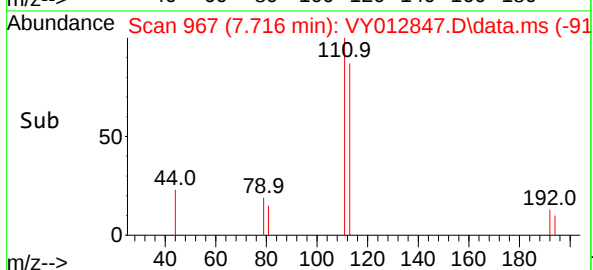
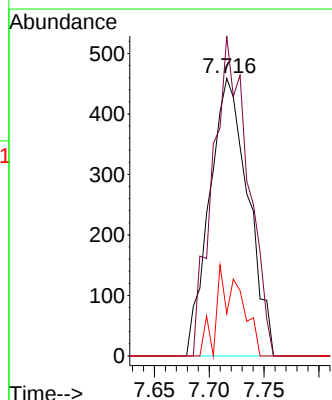
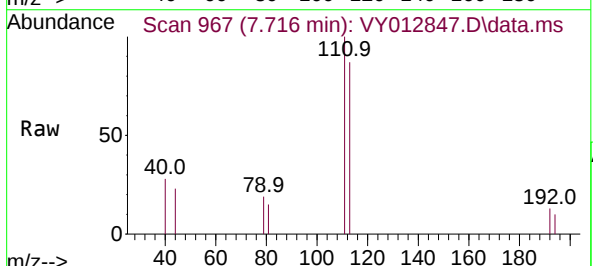
Tgt Ion:113 Resp: 1122

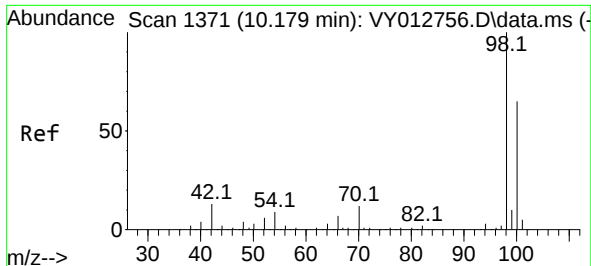
Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.2

192 20.9 16.8 25.2

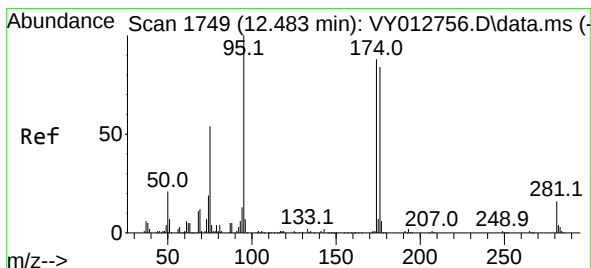
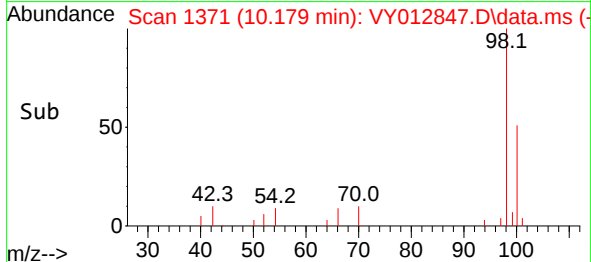
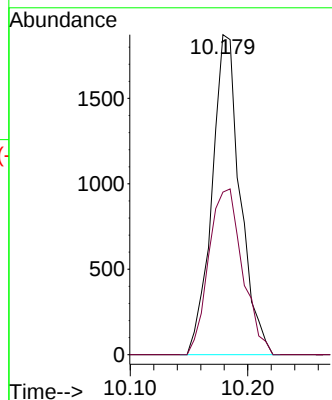
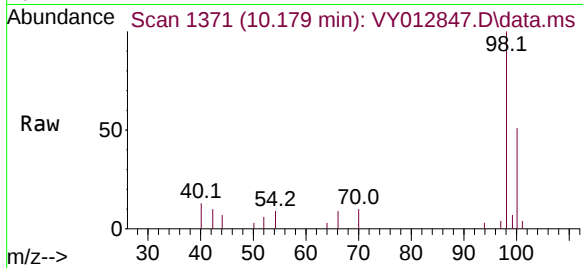




#50
Toluene-d8
Concen: 49.941 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012847.D
Acq: 07 Mar 2023 16:08

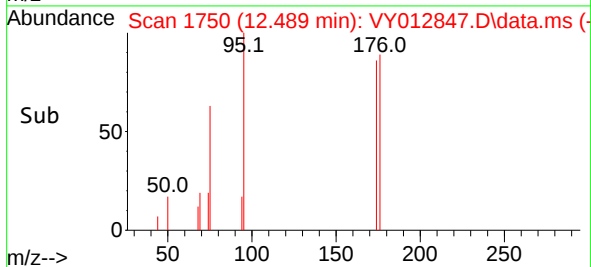
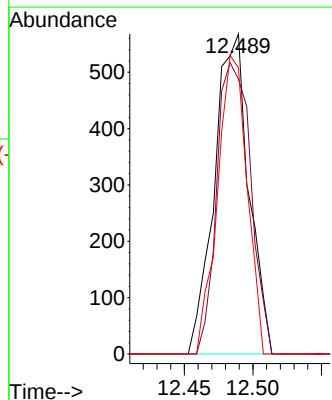
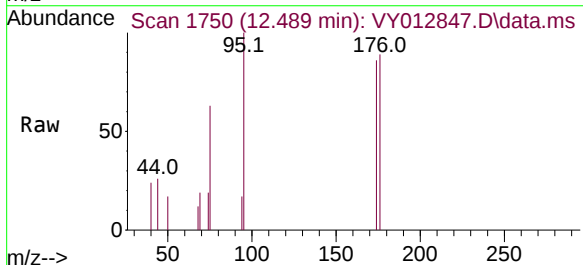
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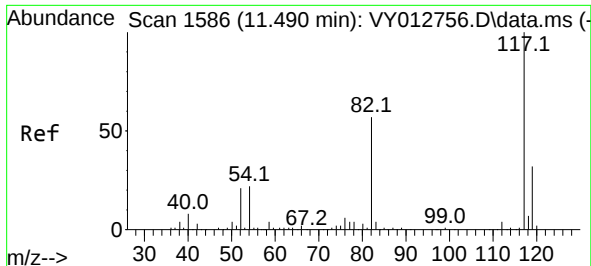
Tgt Ion: 98 Resp: 3127
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY012847.D
Acq: 07 Mar 2023 16:08

Tgt Ion: 95 Resp: 993
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 80.1 0.0 170.2

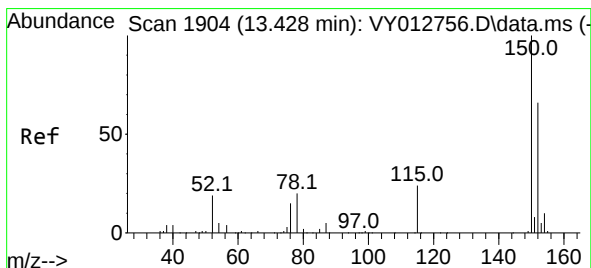
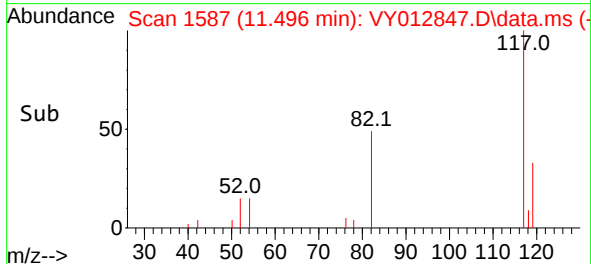
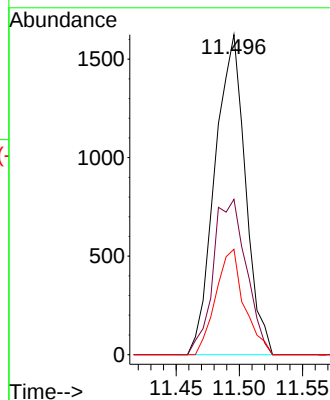
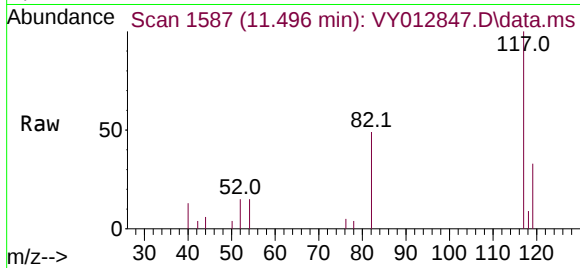




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012847.D
Acq: 07 Mar 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306

Tgt Ion:117 Resp: 2718
Ion Ratio Lower Upper
117 100
82 48.5 45.4 68.0
119 32.9 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: VY012847.D
Acq: 07 Mar 2023 16:08

Tgt Ion:152 Resp: 853
Ion Ratio Lower Upper
152 100
115 63.3 27.1 81.3
150 148.9 0.0 347.8

