

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012988.D
 Acq On : 17 Mar 2023 15:49
 Operator : KP/MD
 Sample : 01932-05
 Misc : 10.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-81-031423

Quant Time: Mar 18 05:46:33 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	85721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59289	69.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.320%
35) Dibromofluoromethane	7.716	113	50347	57.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.640%
50) Toluene-d8	10.179	98	174091	54.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.483	95	55325	51.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.980%

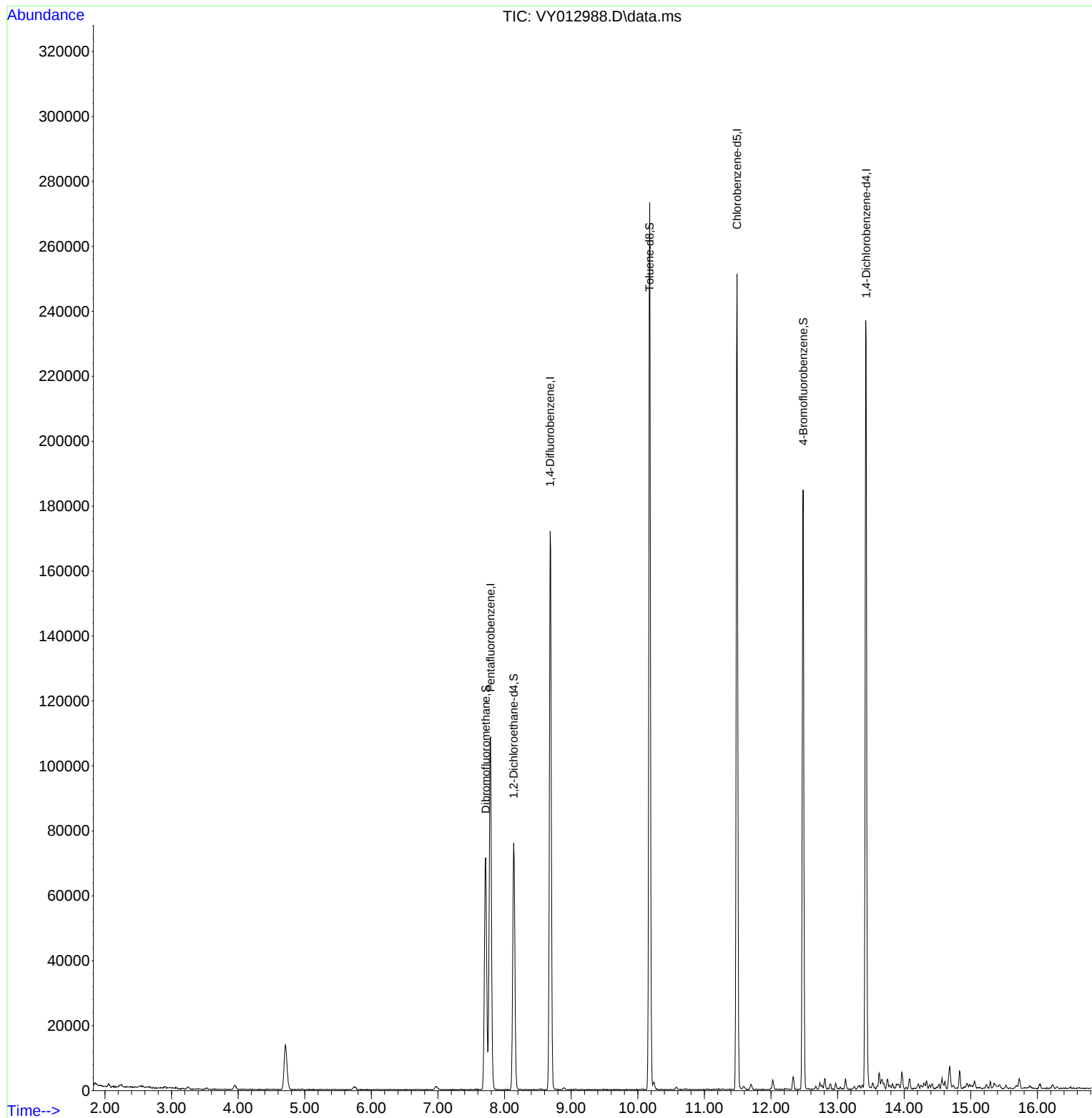
Target Compounds	Qvalue

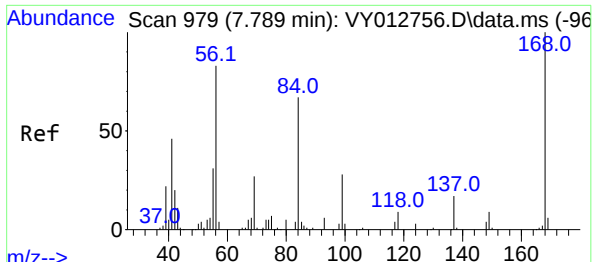
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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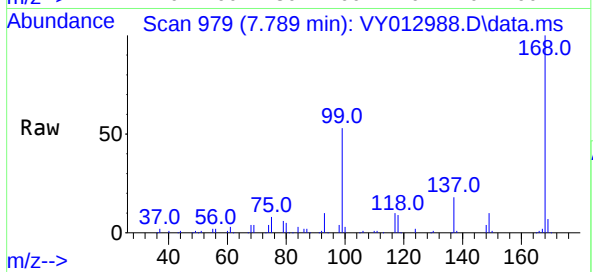
Quant Time: Mar 18 05:46:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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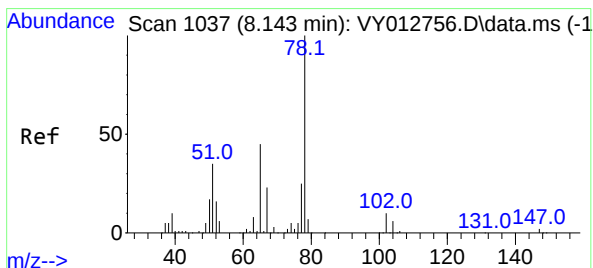
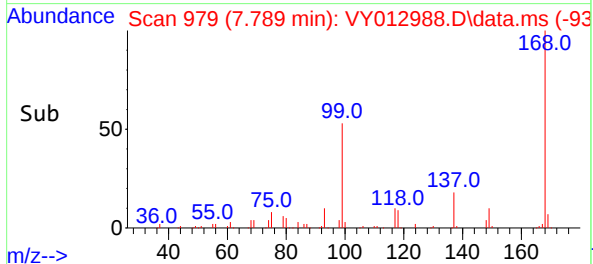
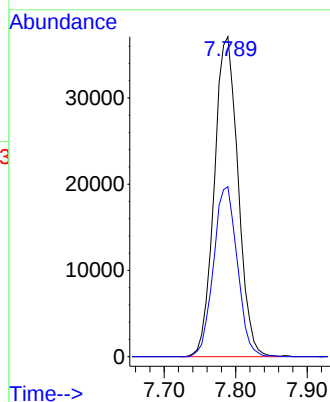


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :
CE-81-031423

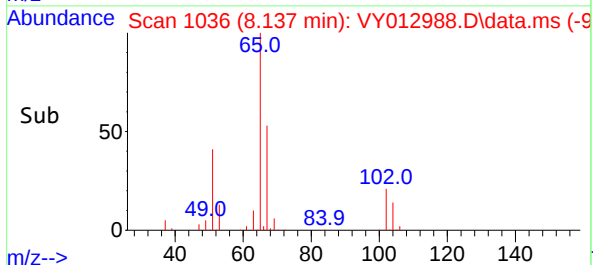
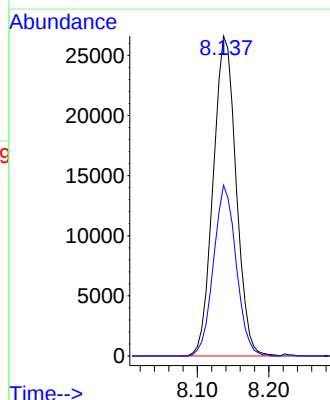
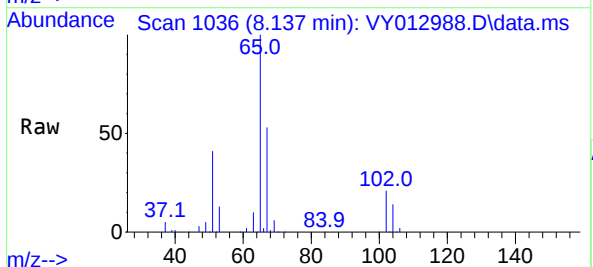


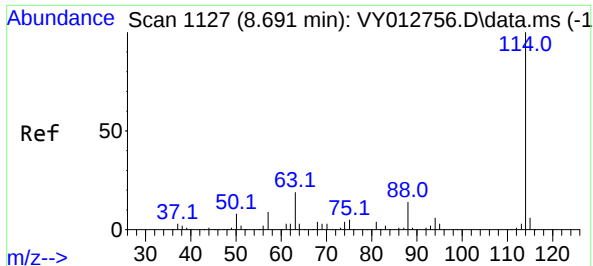
Tgt Ion:168 Resp: 85721
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 69.662 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Tgt Ion: 65 Resp: 59289
Ion Ratio Lower Upper
65 100
67 52.7 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: VY012988.D

Acq: 17 Mar 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

CE-81-031423

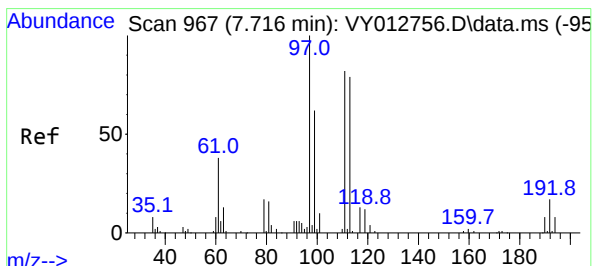
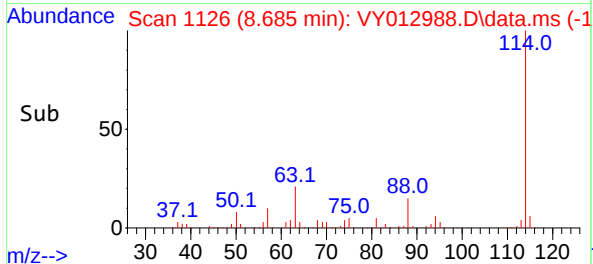
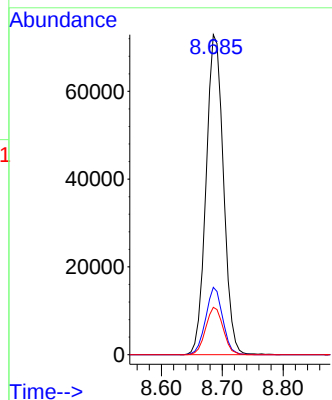
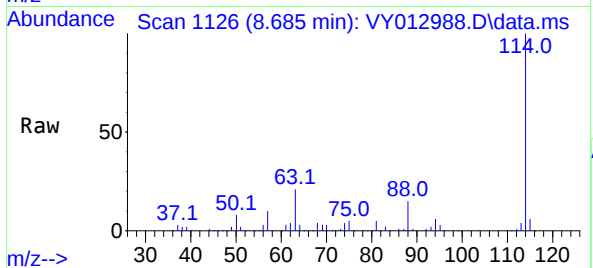
Tgt Ion:114 Resp: 144284

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.820 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012988.D

Acq: 17 Mar 2023 15:49

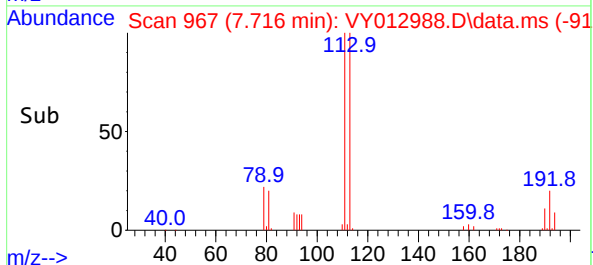
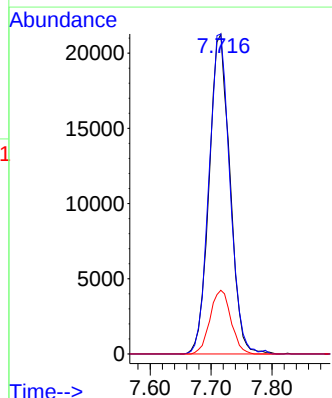
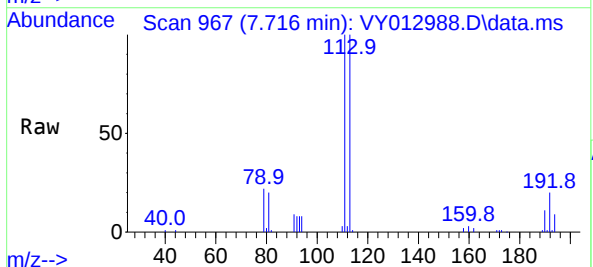
Tgt Ion:113 Resp: 50347

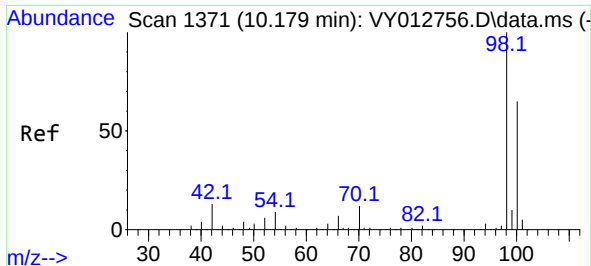
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 20.0 16.8 25.2

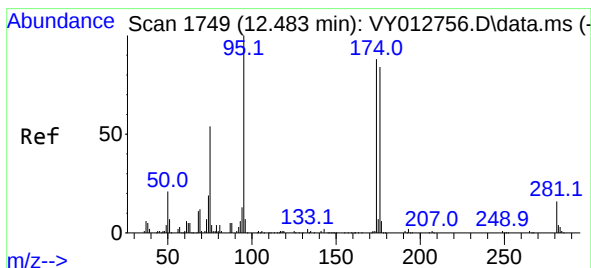
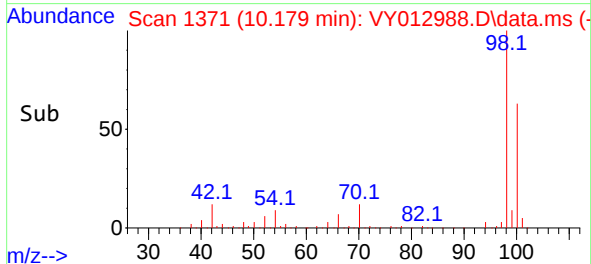
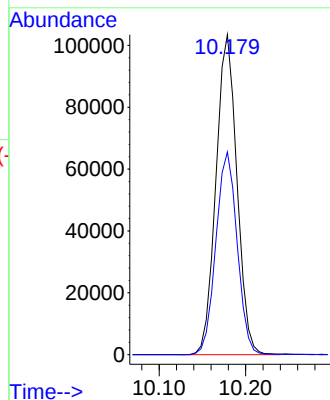
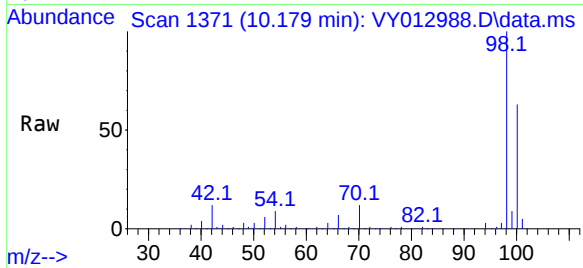




#50
Toluene-d8
Concen: 54.689 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

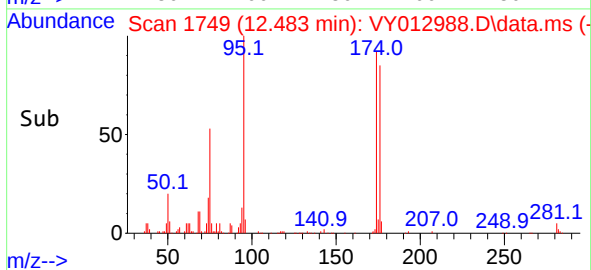
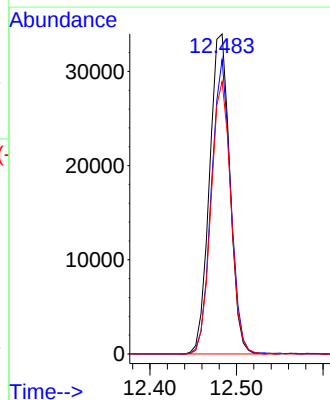
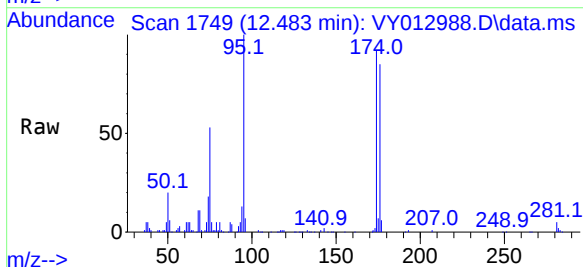
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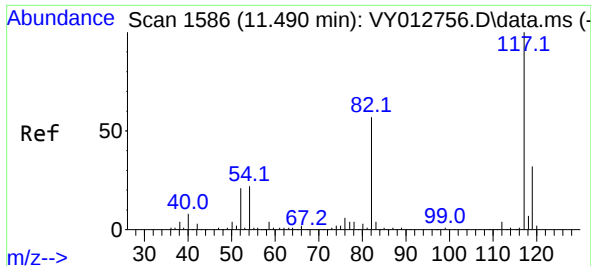
Tgt Ion: 98 Resp: 174091
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Tgt Ion: 95 Resp: 55325
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 83.0 0.0 170.2

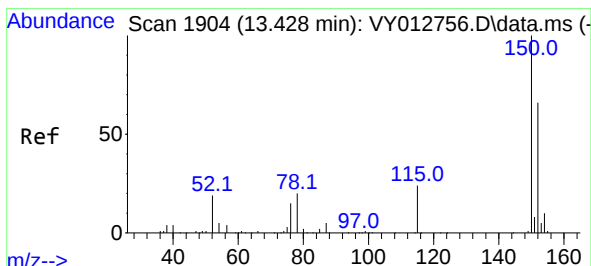
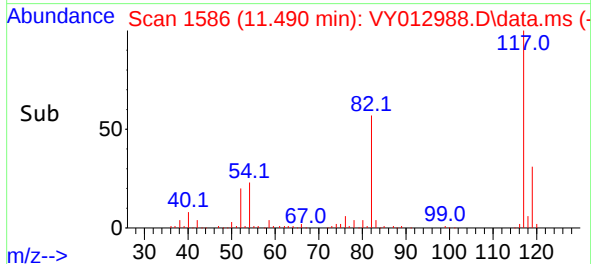
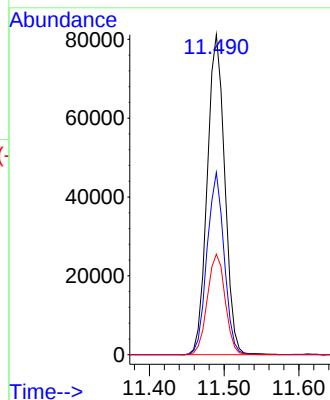
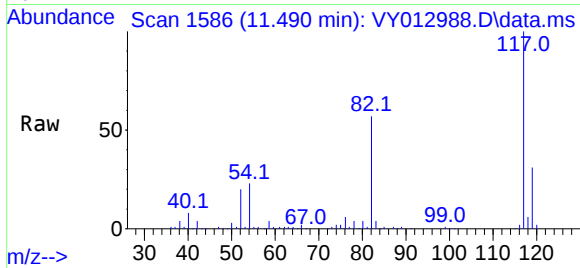




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :
CE-81-031423

Tgt Ion:117 Resp: 131993
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 31.4 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: VY012988.D
Acq: 17 Mar 2023 15:49

Tgt Ion:152 Resp: 61088
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 156.9 0.0 347.8

