

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012861.D
 Acq On : 08 Mar 2023 11:23
 Operator : KP/MD
 Sample : VY0308SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBL01

Quant Time: Mar 09 00:32:32 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	81817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50907	62.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.340%
35) Dibromofluoromethane	7.715	113	46660	56.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.780%
50) Toluene-d8	10.178	98	164557	54.885	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.780%
62) 4-Bromofluorobenzene	12.483	95	49075	48.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.980%

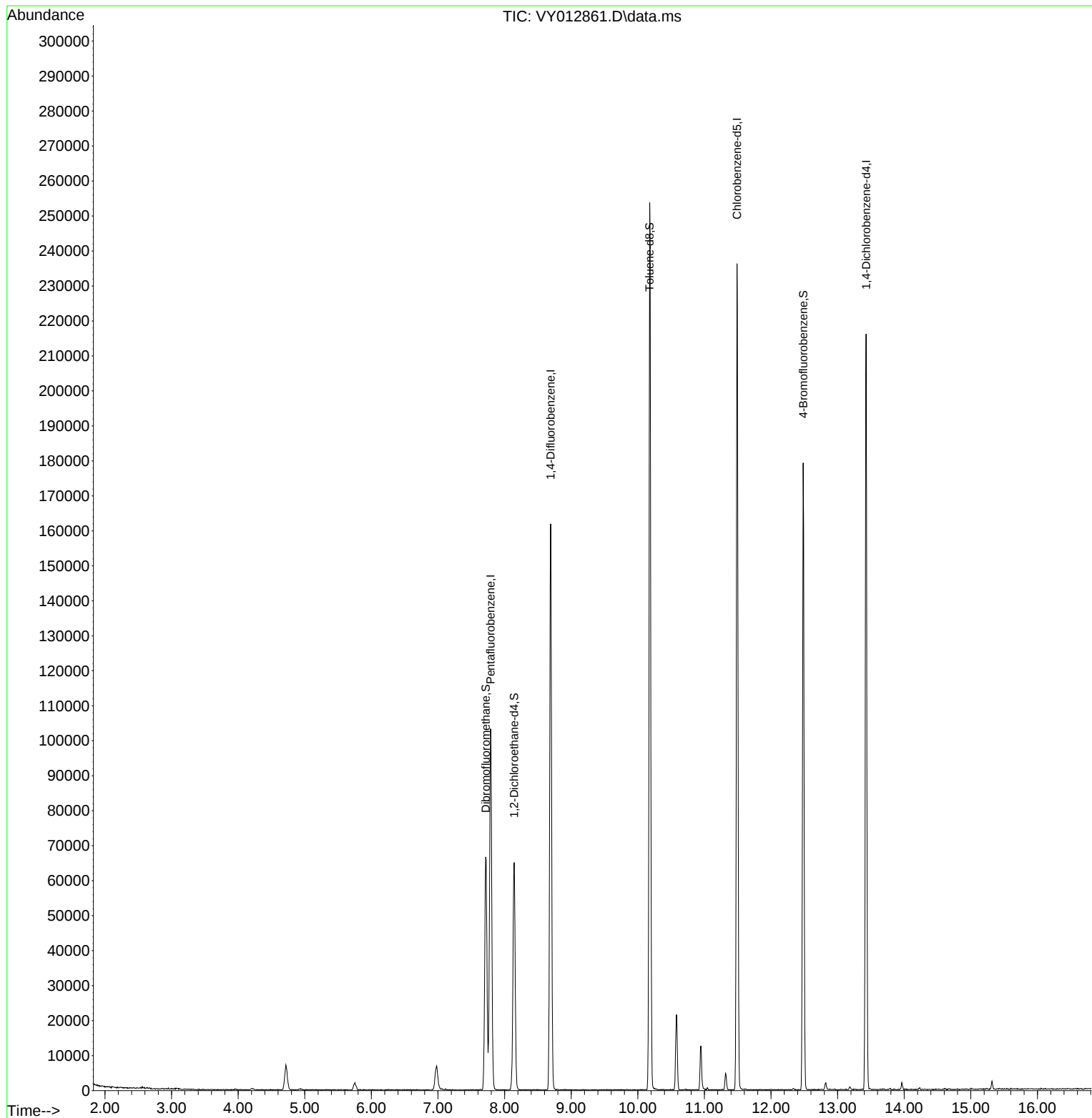
Target Compounds	Qvalue

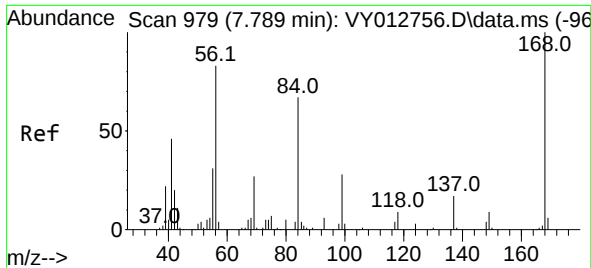
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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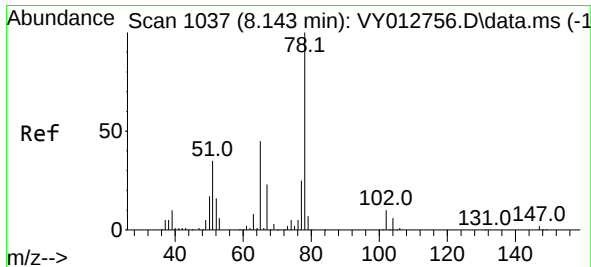
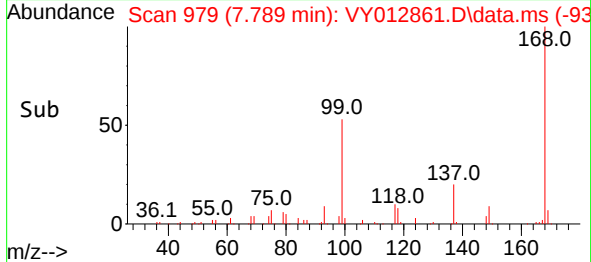
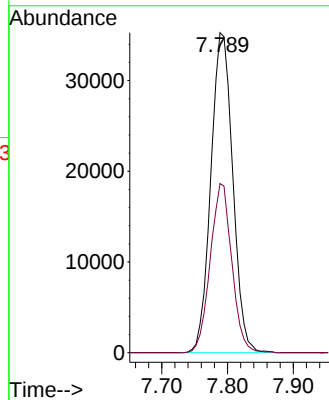
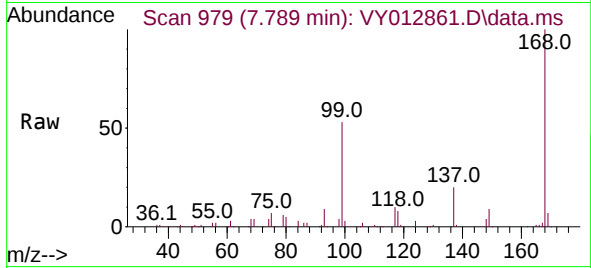




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

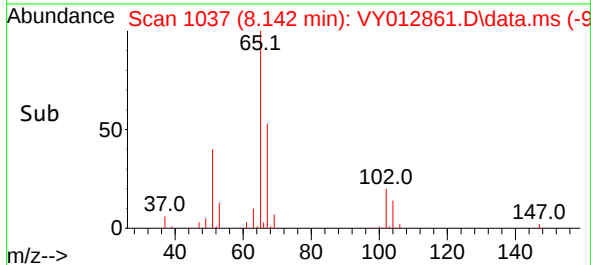
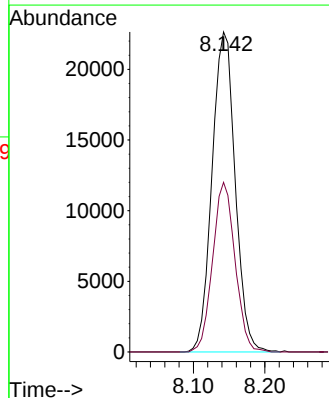
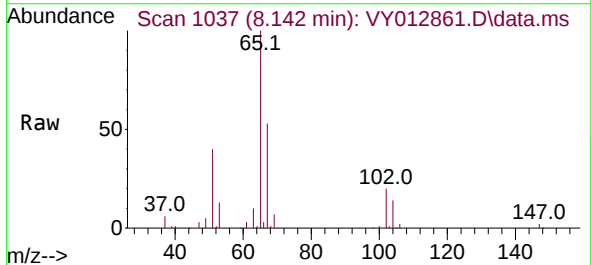
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

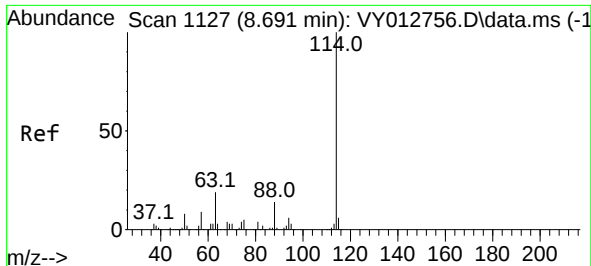
Tgt Ion:168 Resp: 81817
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.667 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion: 65 Resp: 50907
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

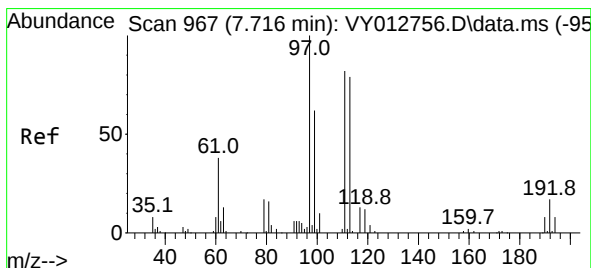
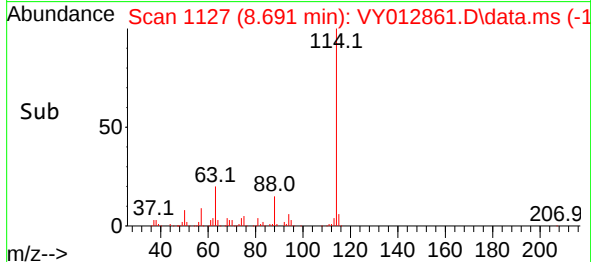
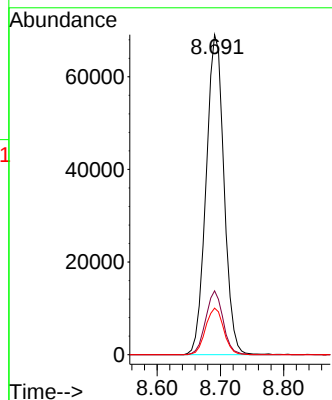
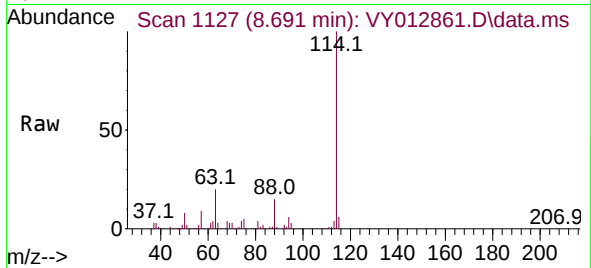




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

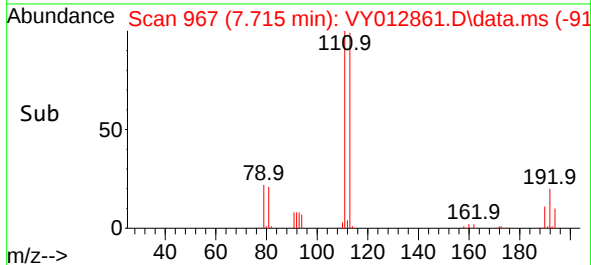
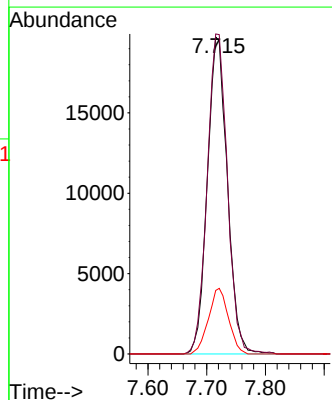
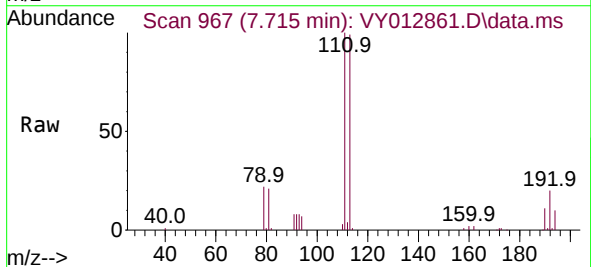
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

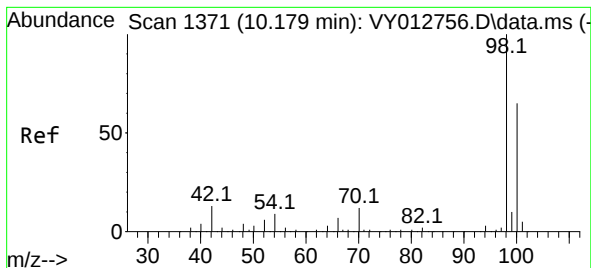
Tgt Ion:114 Resp: 135895
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 14.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.894 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion:113 Resp: 46660
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.7 16.8 25.2





#50

Toluene-d8

Concen: 54.885 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012861.D

Acq: 08 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

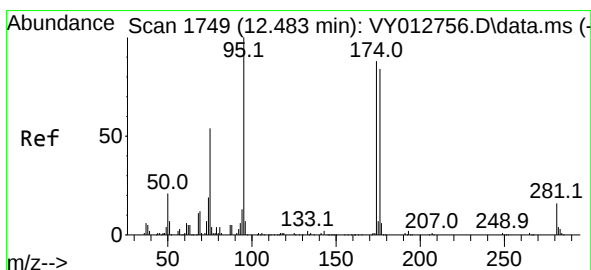
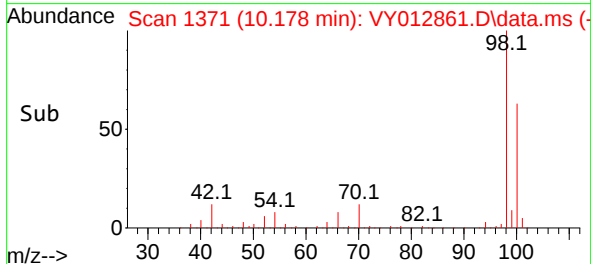
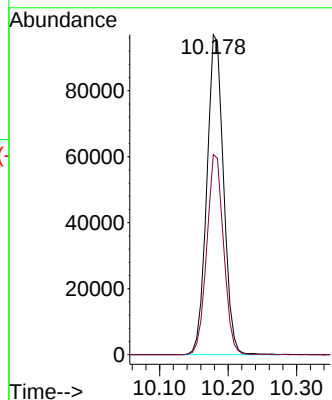
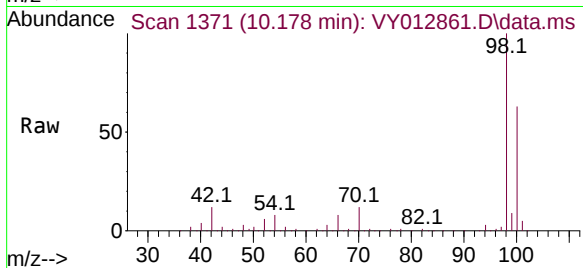
VY0308SBL01

Tgt Ion: 98 Resp: 164557

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.495 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012861.D

Acq: 08 Mar 2023 11:23

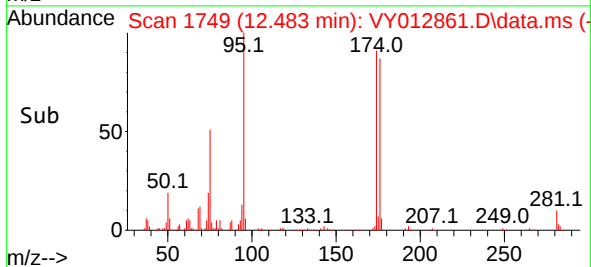
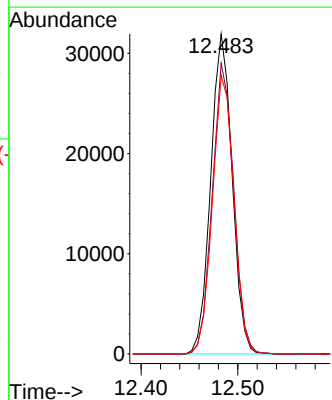
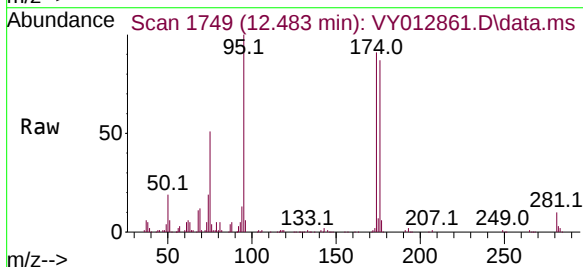
Tgt Ion: 95 Resp: 49075

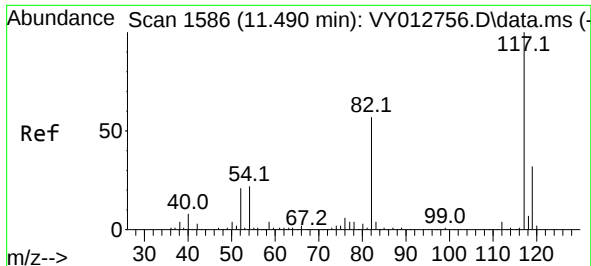
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.6

176 87.4 0.0 170.2

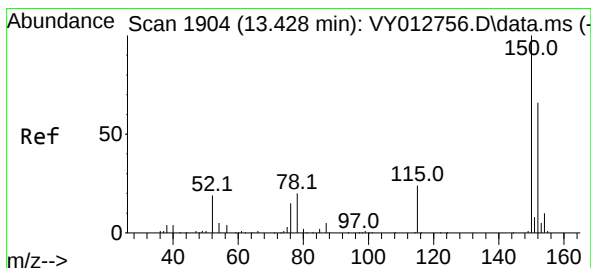
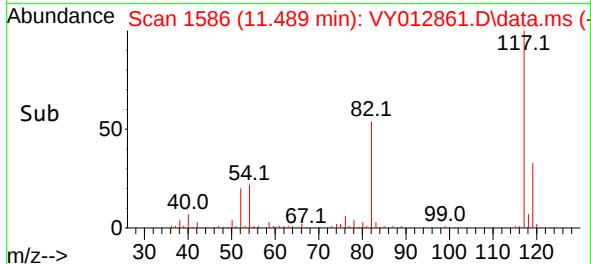
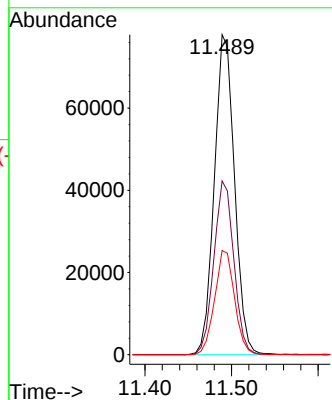
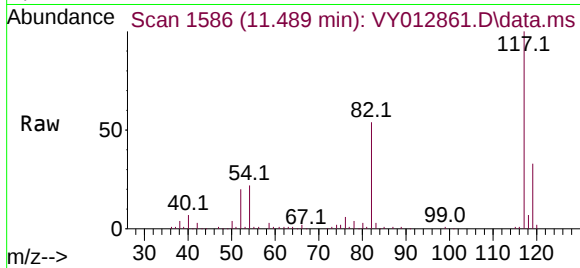




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

Tgt Ion:117 Resp: 126093
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 32.5 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: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion:152 Resp: 55840
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 159.3 0.0 347.8

