

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013026.D
 Acq On : 21 Mar 2023 14:48
 Operator : KP/MD
 Sample : 02020-21
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Mar 22 04:20:31 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	14344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	20997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	8082	56.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.500%
35) Dibromofluoromethane	7.710	113	7672	60.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.080%
50) Toluene-d8	10.179	98	24292	52.438	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.477	95	4893	31.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.580%

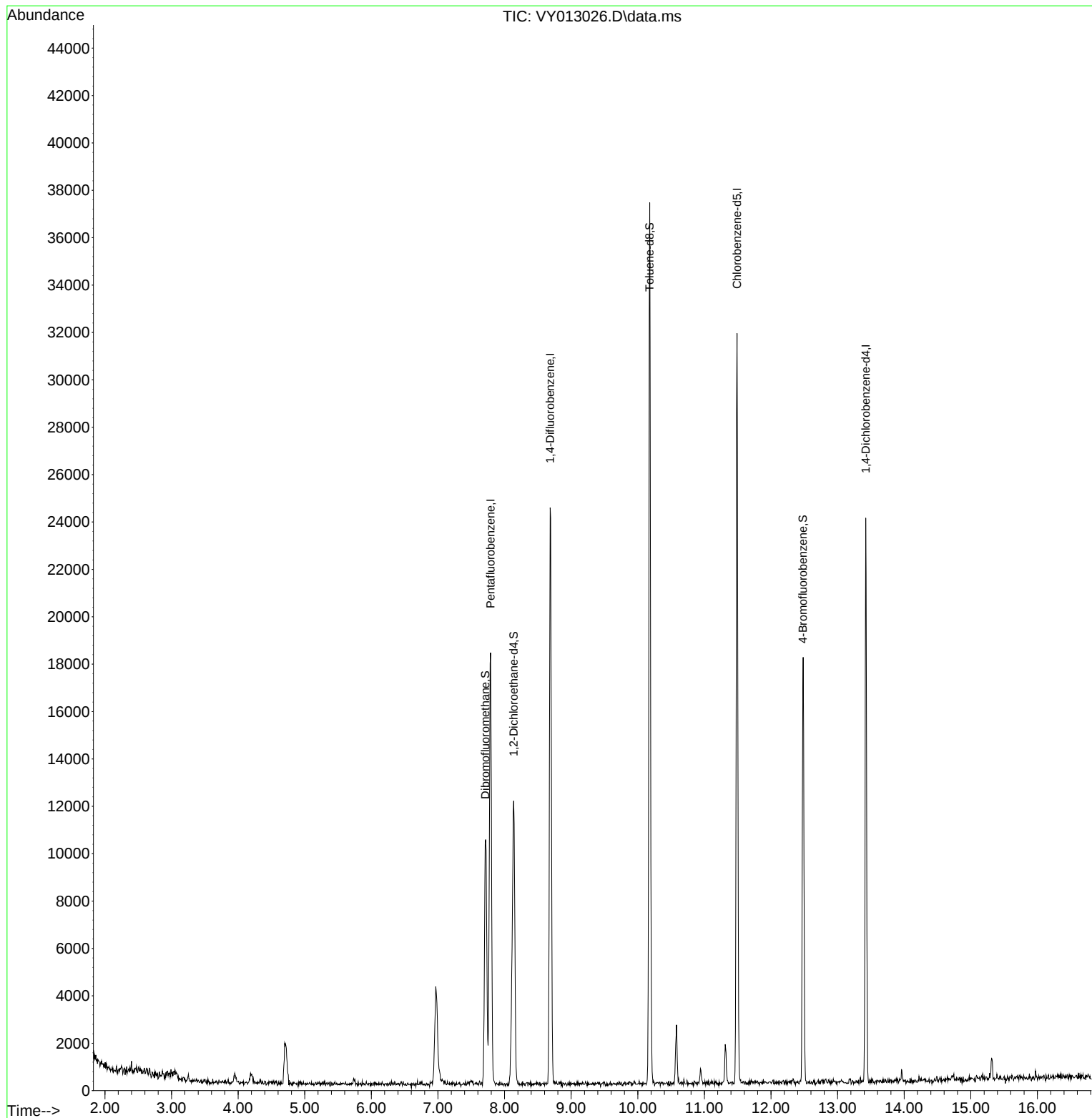
Target Compounds	Qvalue

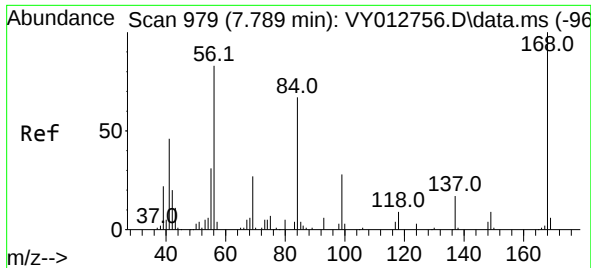
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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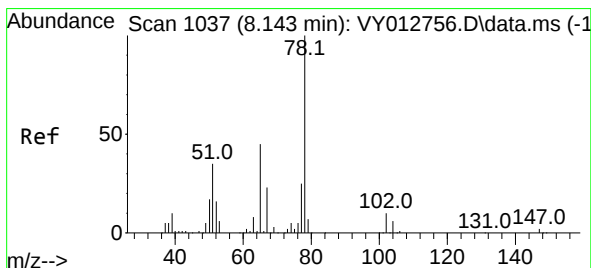
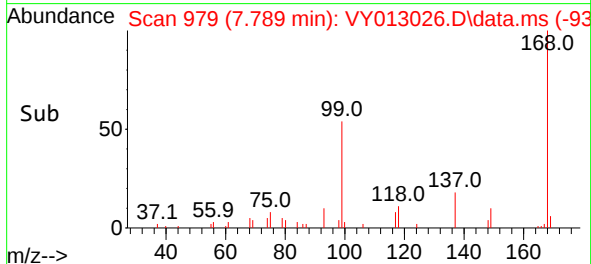
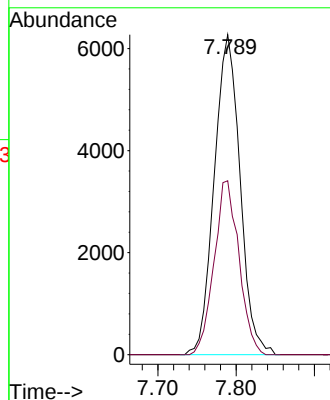
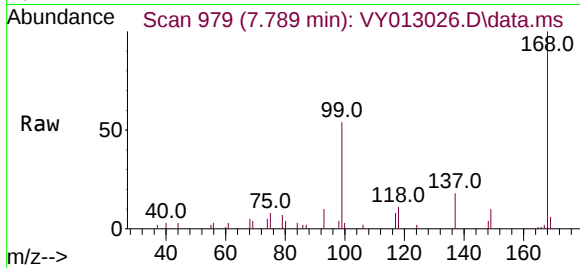




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013026.D
Acq: 21 Mar 2023 14:48

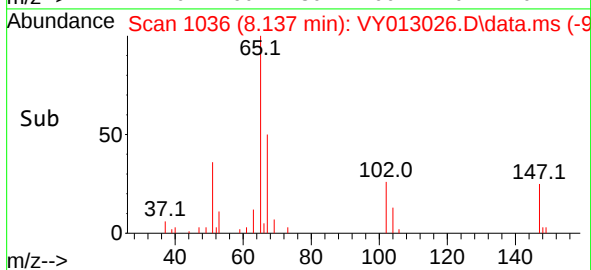
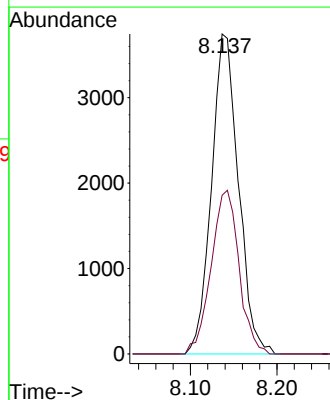
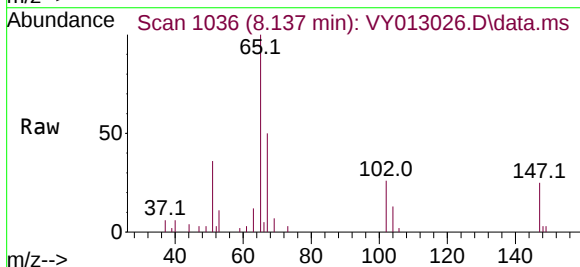
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

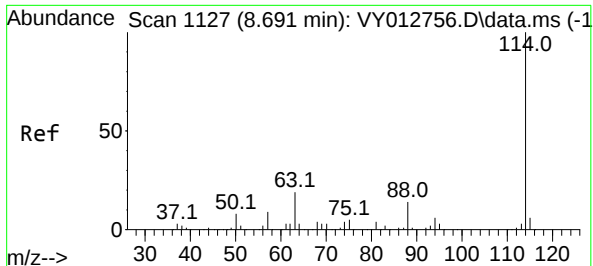
Tgt Ion:168 Resp: 14344
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 56.749 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013026.D
Acq: 21 Mar 2023 14:48

Tgt Ion: 65 Resp: 8082
Ion Ratio Lower Upper
65 100
67 53.0 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: VY013026.D

Acq: 21 Mar 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

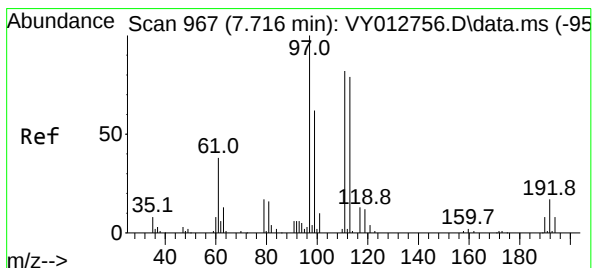
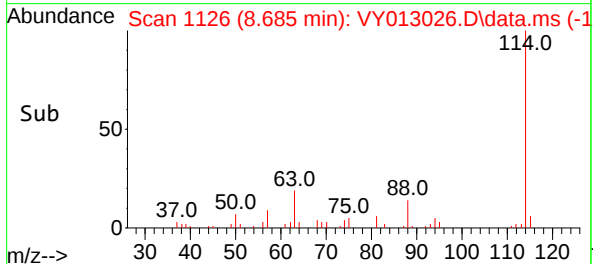
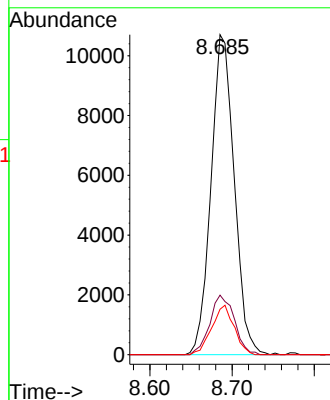
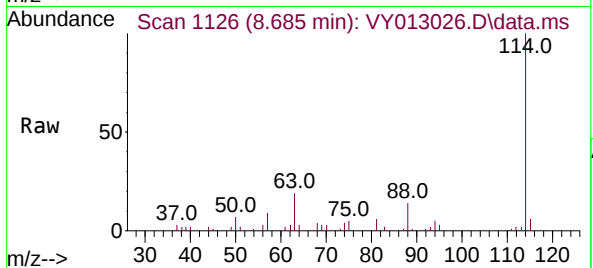
Tgt Ion:114 Resp: 20997

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 14.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.545 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013026.D

Acq: 21 Mar 2023 14:48

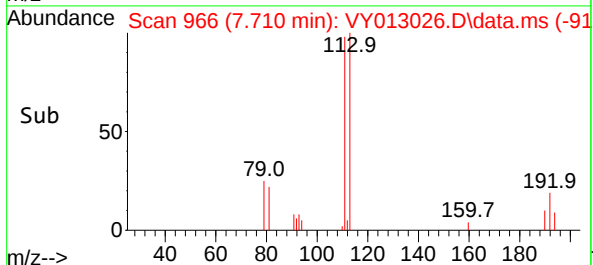
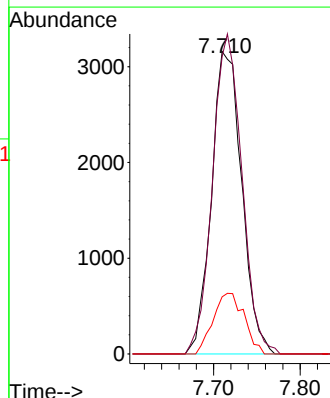
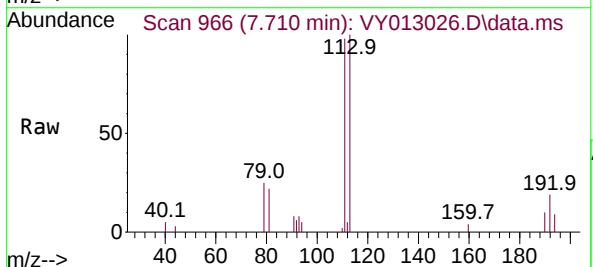
Tgt Ion:113 Resp: 7672

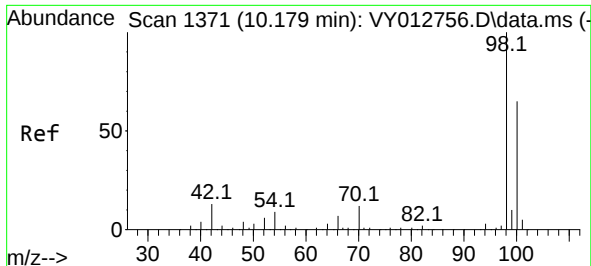
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 20.5 16.8 25.2

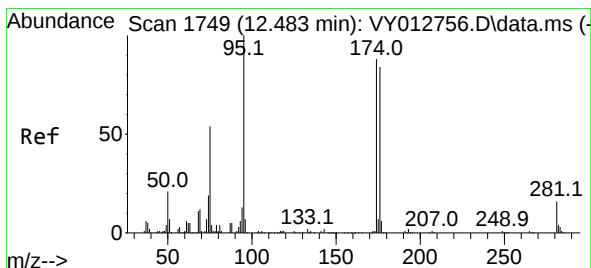
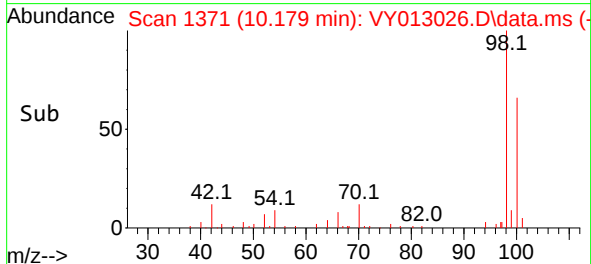
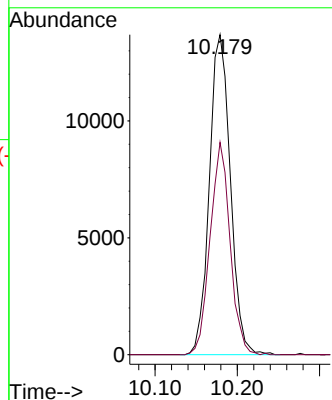
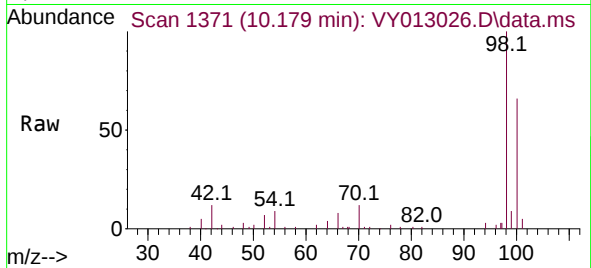




#50
Toluene-d8
Concen: 52.438 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013026.D
Acq: 21 Mar 2023 14:48

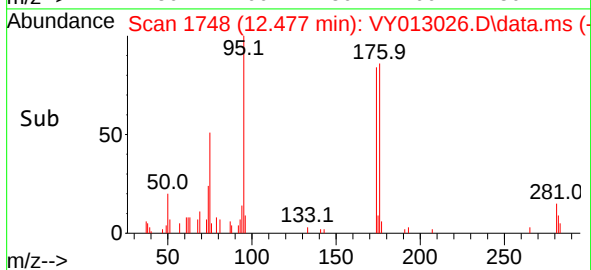
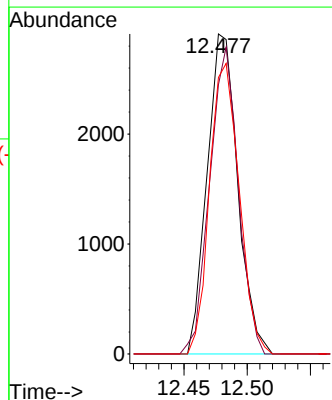
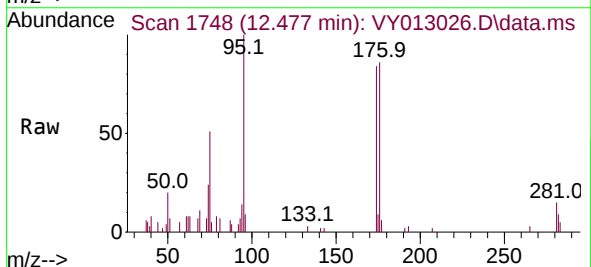
Instrument :
MSVOA_Y
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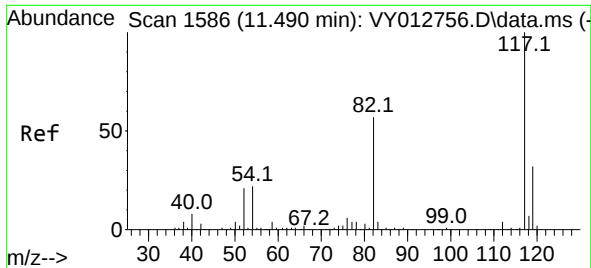
Tgt Ion: 98 Resp: 24292
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.293 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013026.D
Acq: 21 Mar 2023 14:48

Tgt Ion: 95 Resp: 4893
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 88.1 0.0 170.2

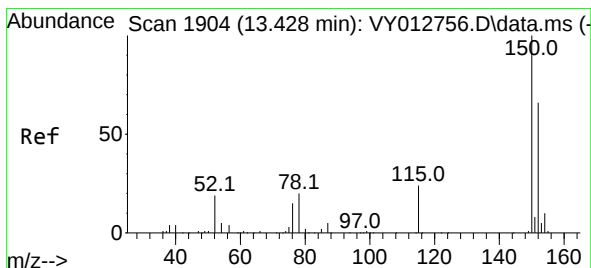
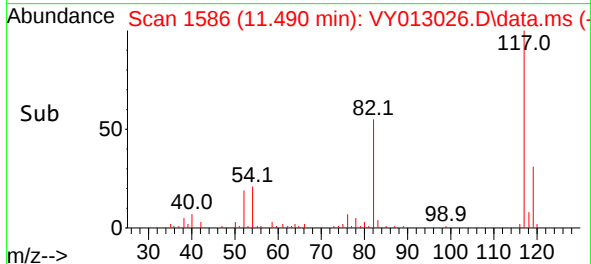
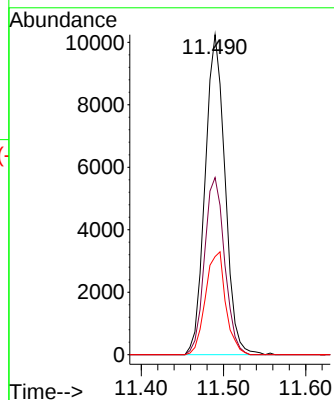
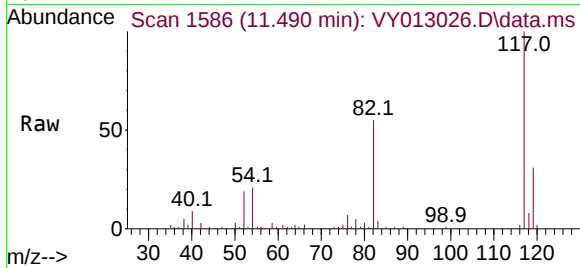




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013026.D
Acq: 21 Mar 2023 14:48

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

Tgt Ion:117	Resp:	17242
Ion	Ratio	Lower Upper
117	100	
82	55.4	45.4 68.0
119	30.7	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013026.D
Acq: 21 Mar 2023 14:48

Tgt Ion:152	Resp:	5935
Ion	Ratio	Lower Upper
152	100	
115	57.8	27.1 81.3
150	157.0	0.0 347.8

