

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010642.D
 Acq On : 23 Sep 2022 12:39
 Operator : KP/MD
 Sample : N4723-19
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29-6.5-7.0

Quant Time: Sep 24 01:20:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	3506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2542	75.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.600%
35) Dibromofluoromethane	7.704	113	931	21.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.500%#
50) Toluene-d8	10.179	98	6227	40.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.060%
62) 4-Bromofluorobenzene	12.477	95	1831	30.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.220%

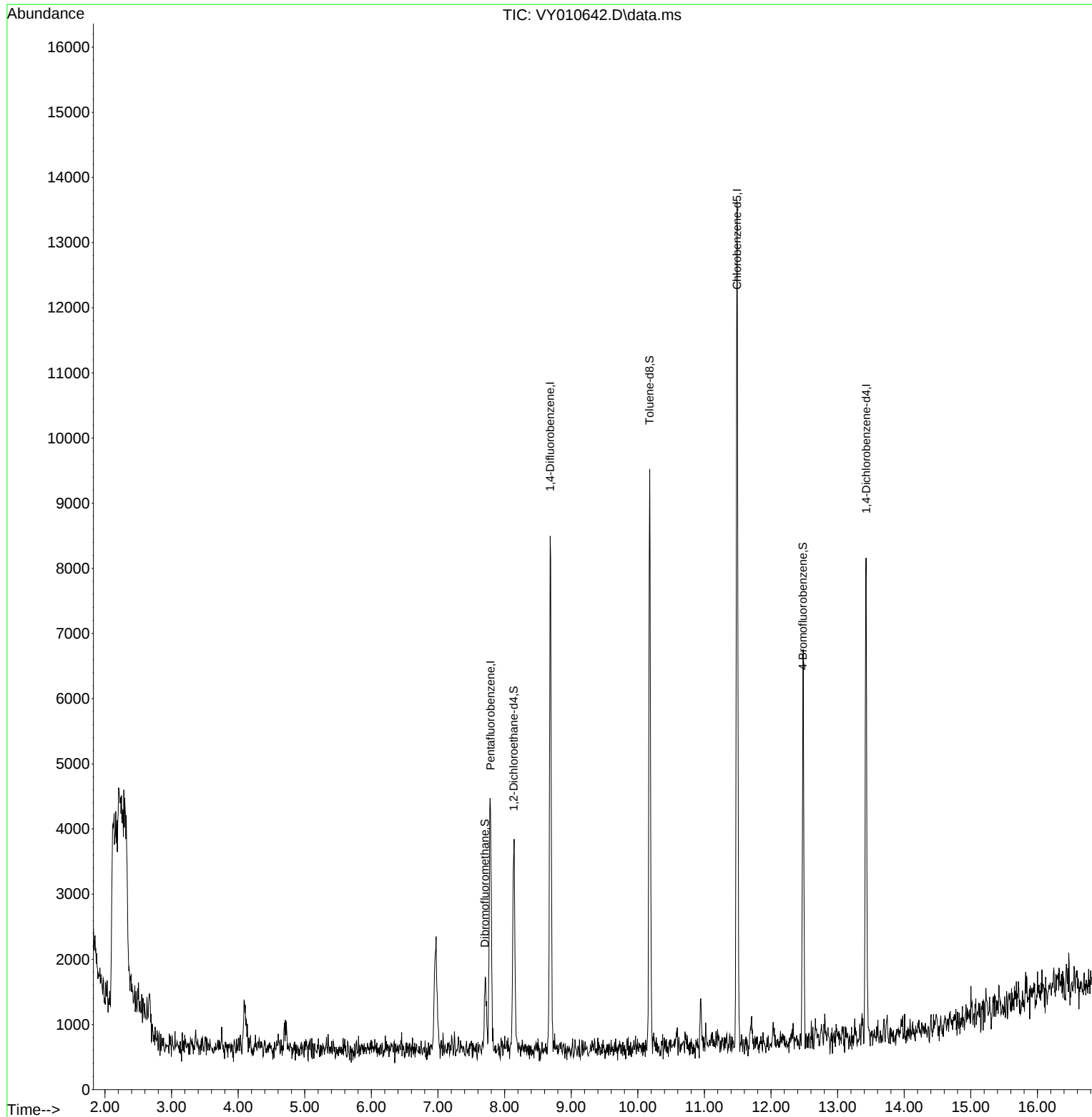
Target Compounds	Qvalue

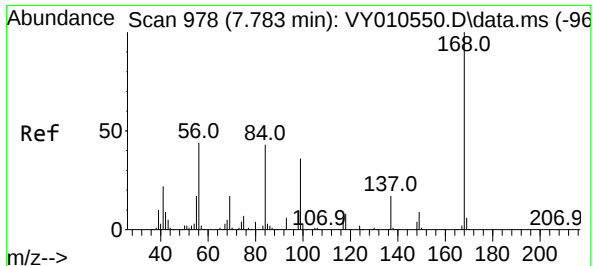
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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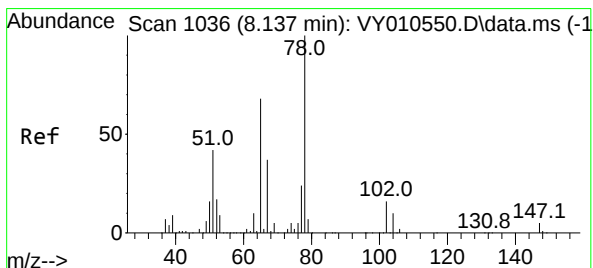
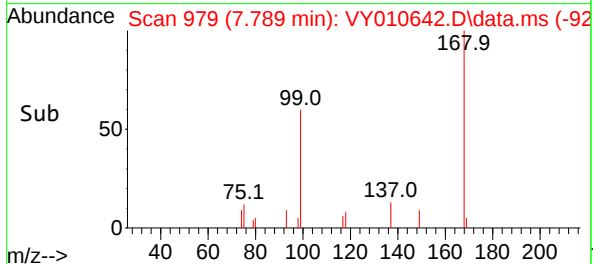
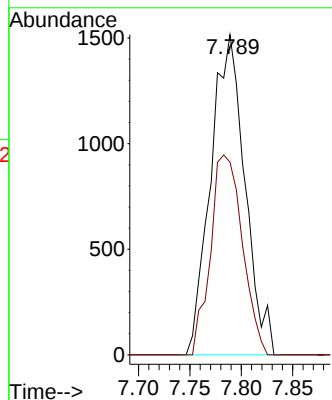
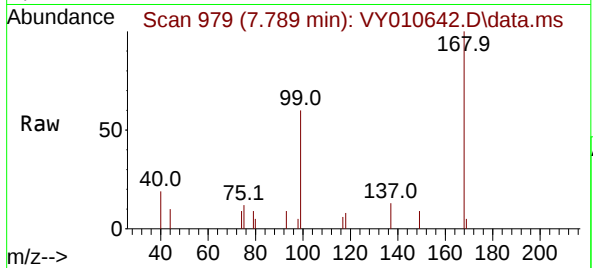




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010642.D
Acq: 23 Sep 2022 12:39

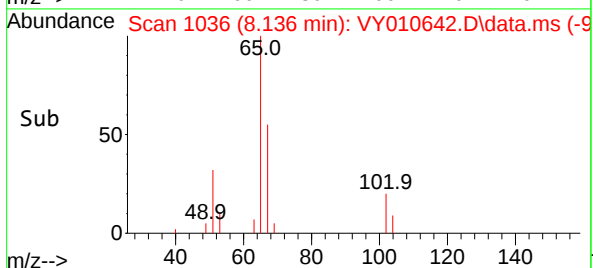
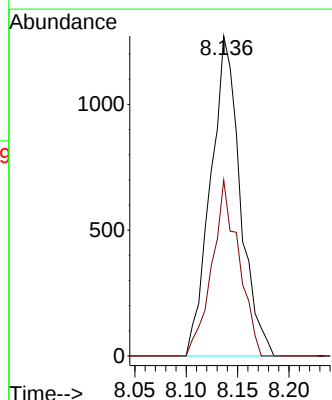
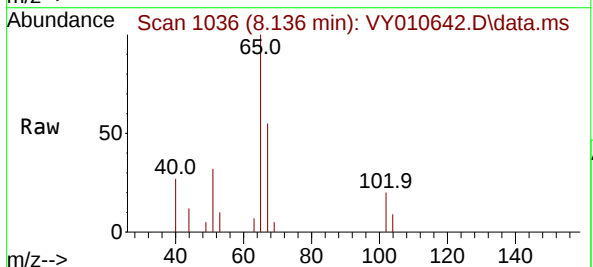
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

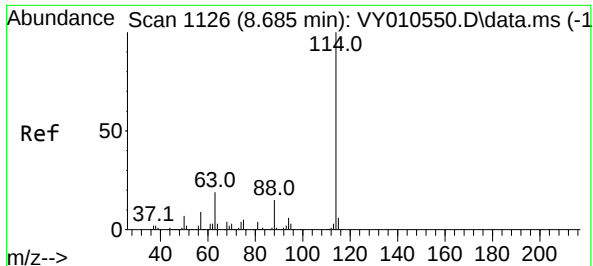
Tgt Ion:168 Resp: 3506
Ion Ratio Lower Upper
168 100
99 60.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 75.804 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010642.D
Acq: 23 Sep 2022 12:39

Tgt Ion: 65 Resp: 2542
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010642.D

Acq: 23 Sep 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-29-6.5-7.0

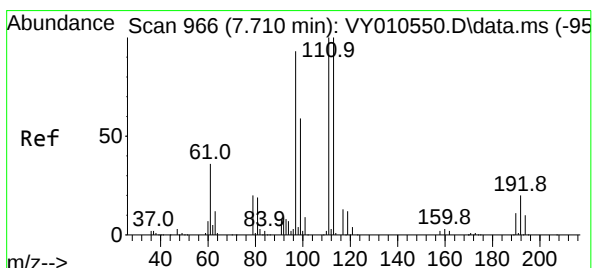
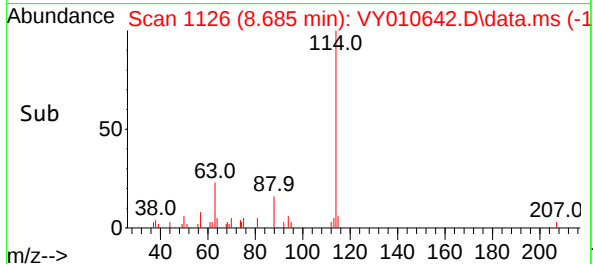
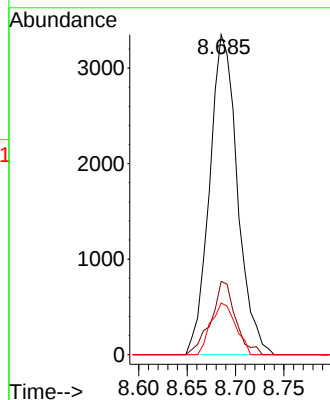
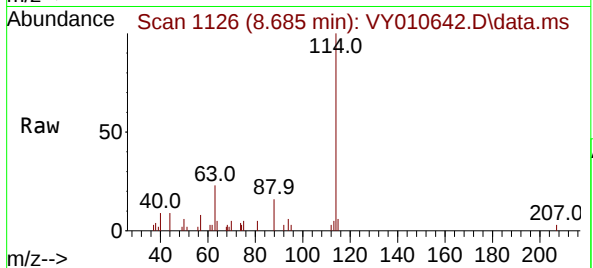
Tgt Ion:114 Resp: 6707

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.2

88 16.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 21.750 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY010642.D

Acq: 23 Sep 2022 12:39

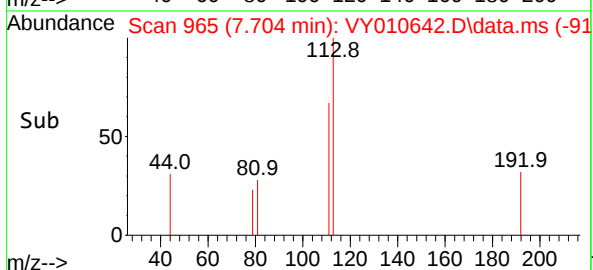
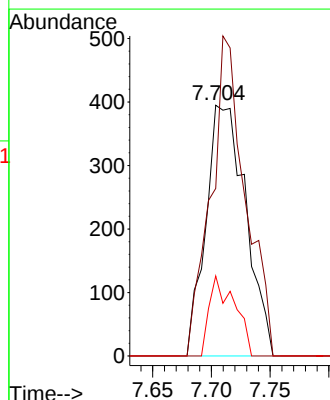
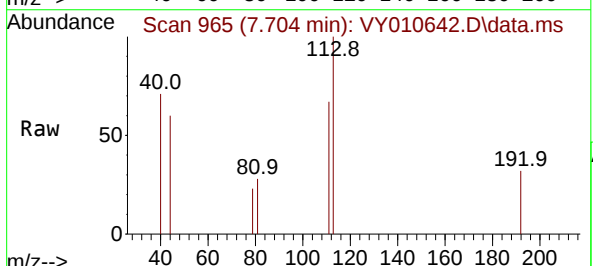
Tgt Ion:113 Resp: 931

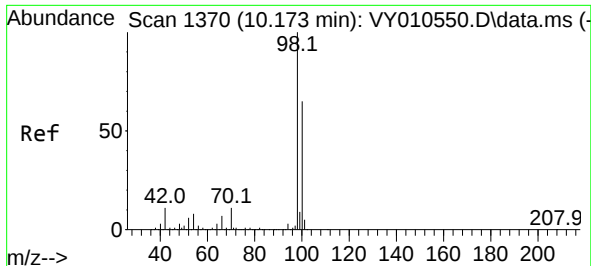
Ion Ratio Lower Upper

113 100

111 110.5 82.6 124.0

192 20.3 17.6 26.4

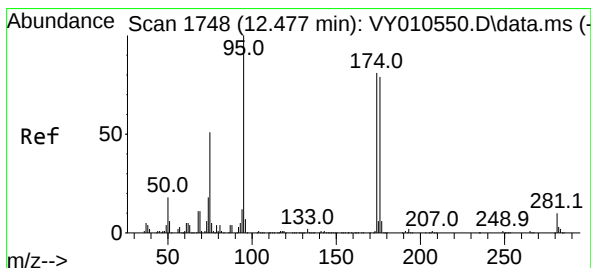
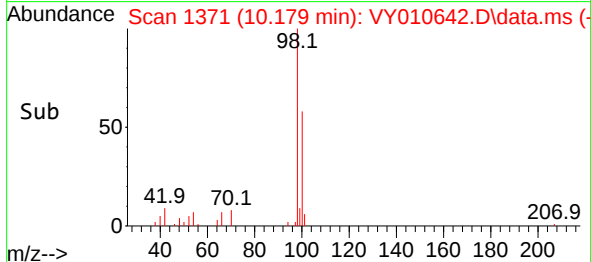
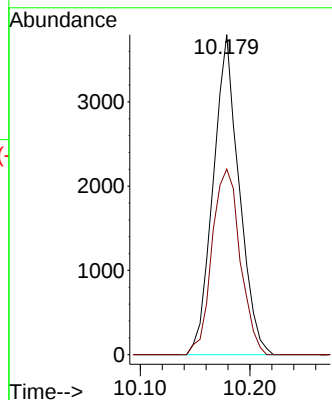
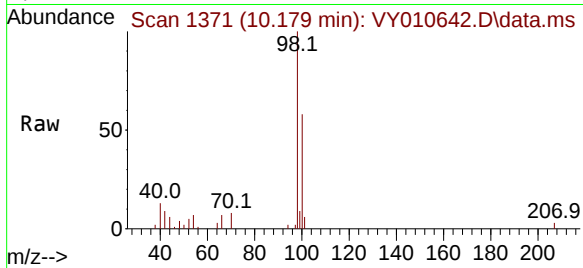




#50
Toluene-d8
Concen: 40.027 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010642.D
Acq: 23 Sep 2022 12:39

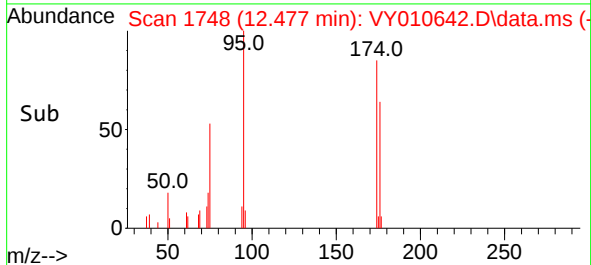
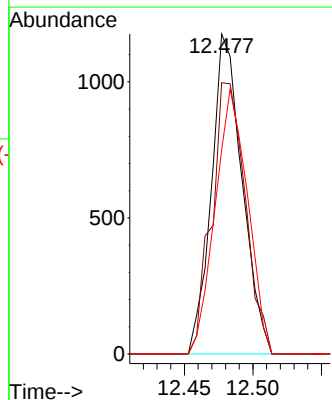
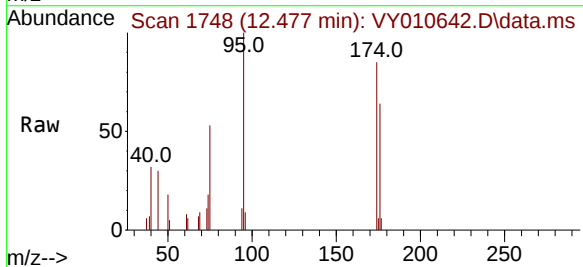
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

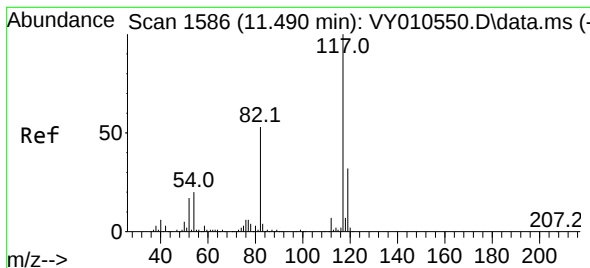
Tgt Ion: 98 Resp: 6227
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.113 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010642.D
Acq: 23 Sep 2022 12:39

Tgt Ion: 95 Resp: 1831
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 87.5 0.0 175.8

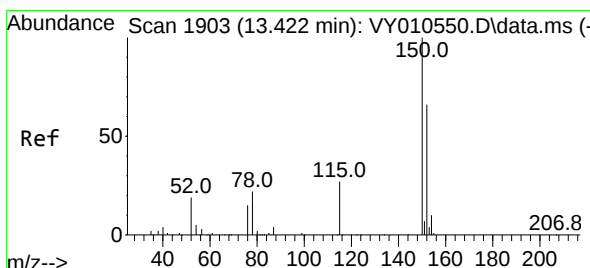
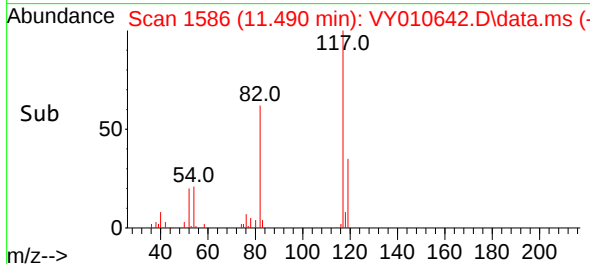
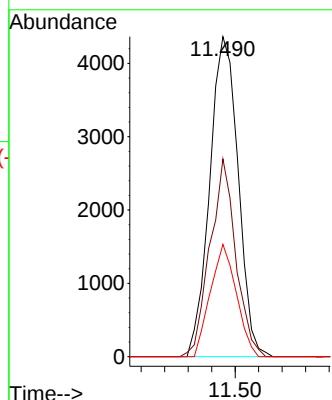
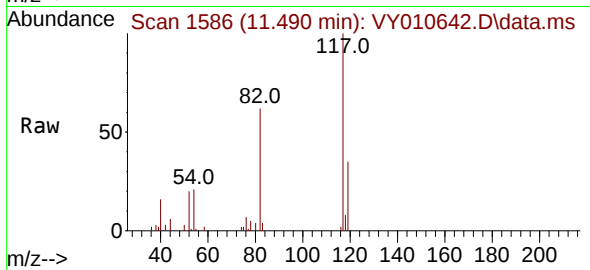




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010642.D
Acq: 23 Sep 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

Tgt Ion:117	Resp:	7333	
Ion	Ratio	Lower	Upper
117	100		
82	61.8	43.0	64.4
119	35.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010642.D
Acq: 23 Sep 2022 12:39

Tgt Ion:152	Resp:	2131	
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	152.3	0.0	347.6

