

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010628.D
 Acq On : 22 Sep 2022 17:26
 Operator : KP/MD
 Sample : N4723-19
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 23 09:04:27 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	7.783	168	4909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3090	65.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.620%
35) Dibromofluoromethane	7.710	113	1299	22.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.000%#
50) Toluene-d8	10.179	98	7950	38.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.120%
62) 4-Bromofluorobenzene	12.483	95	2534	30.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.940%

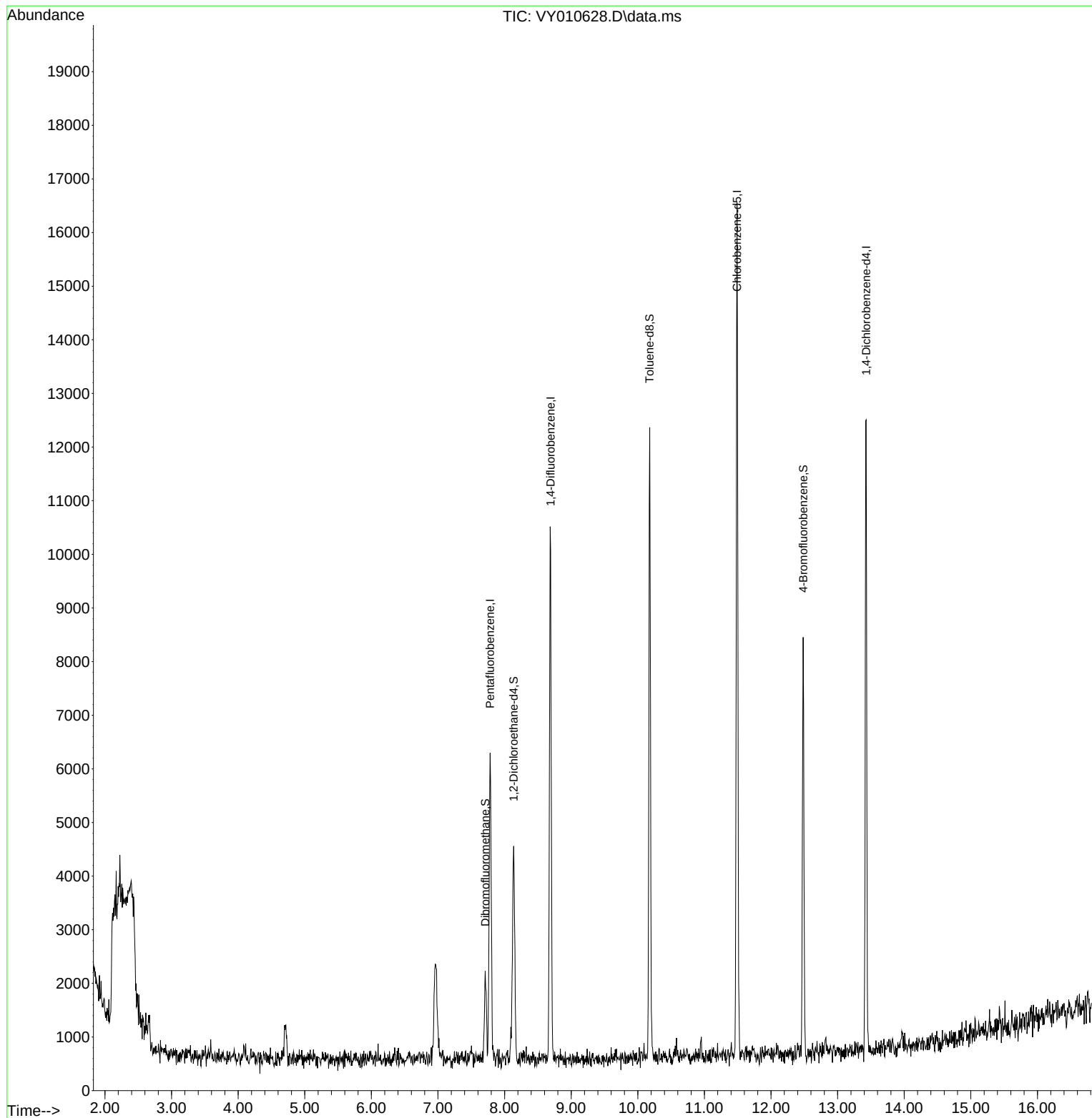
Target Compounds	Qvalue

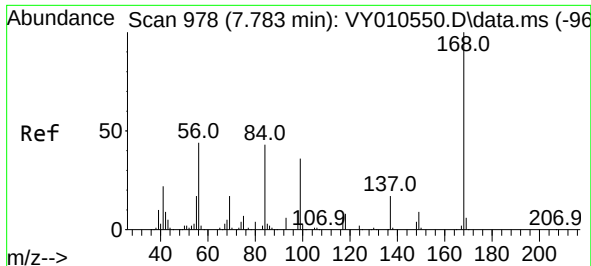
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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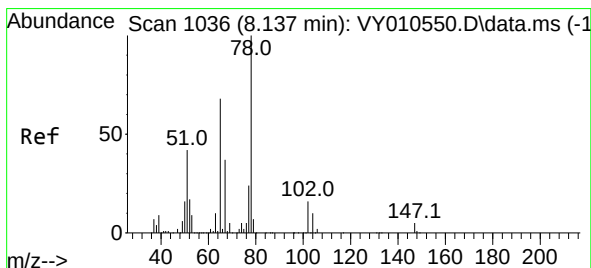
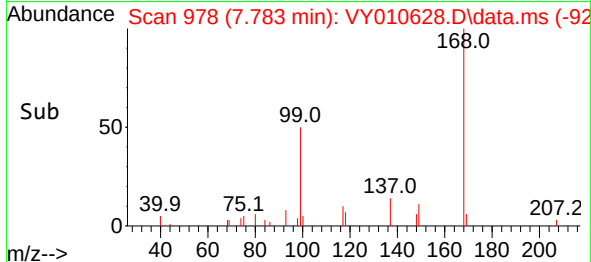
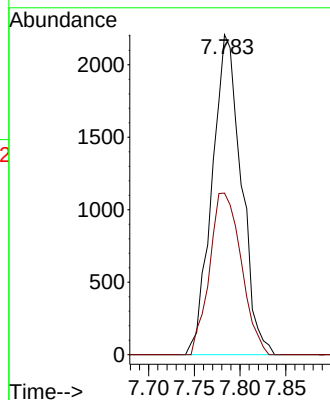
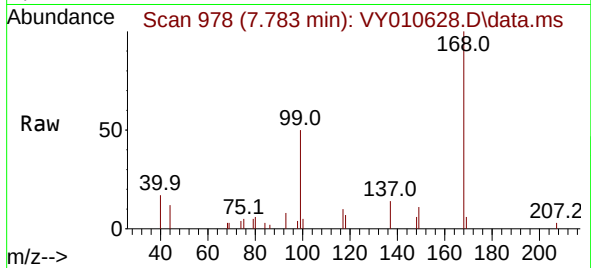




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

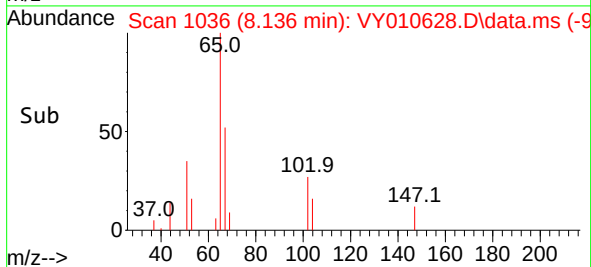
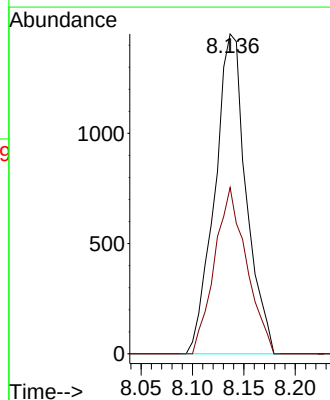
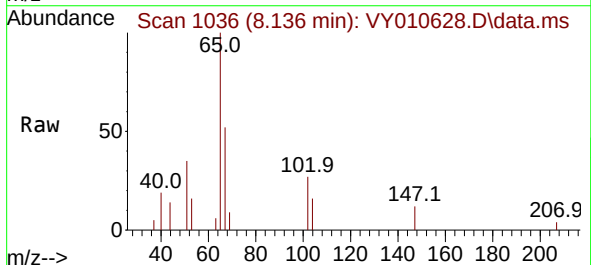
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

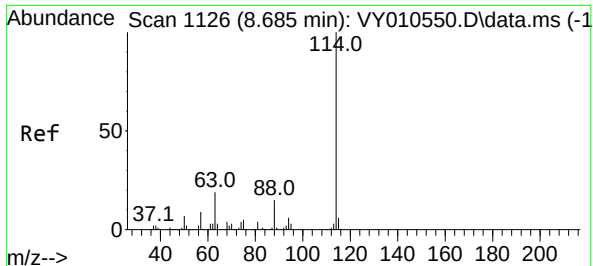
Tgt Ion:168 Resp: 4909
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.810 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion: 65 Resp: 3090
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010628.D

Acq: 22 Sep 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-29-6.5-7.0

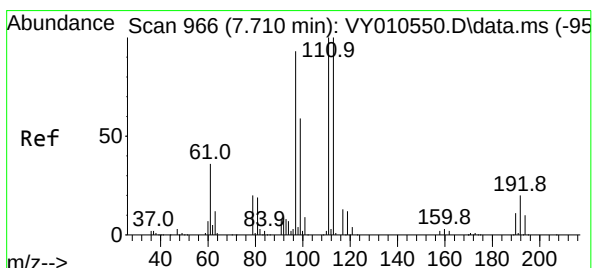
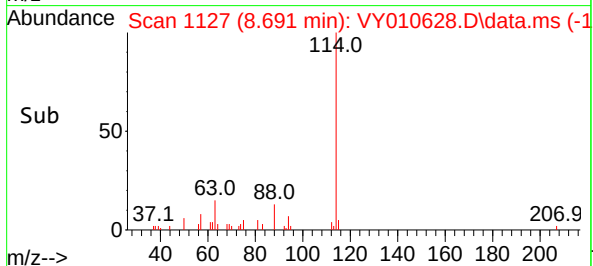
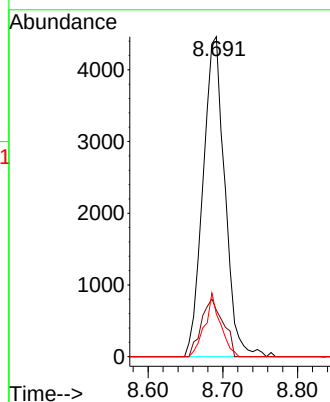
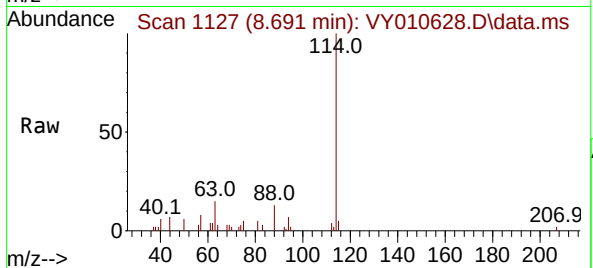
Tgt Ion:114 Resp: 9046

Ion Ratio Lower Upper

114 100

63 14.5 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 22.501 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010628.D

Acq: 22 Sep 2022 17:26

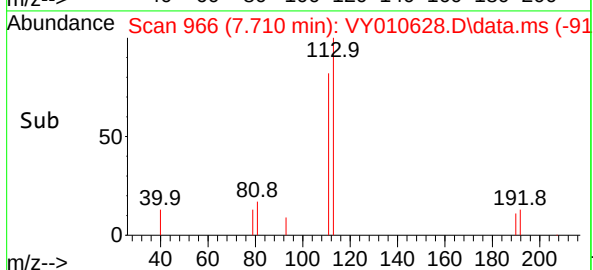
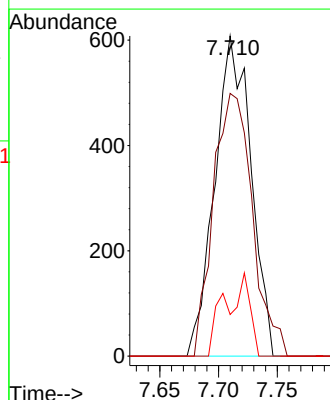
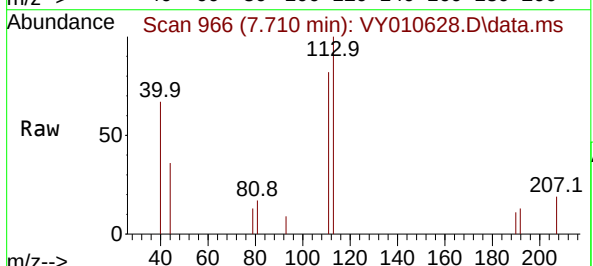
Tgt Ion:113 Resp: 1299

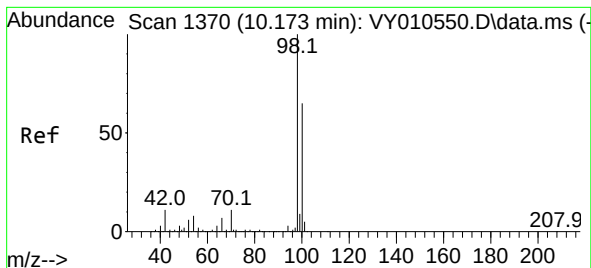
Ion Ratio Lower Upper

113 100

111 88.7 82.6 124.0

192 8.2 17.6 26.4#





#50

Toluene-d8

Concen: 38.056 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010628.D

Acq: 22 Sep 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

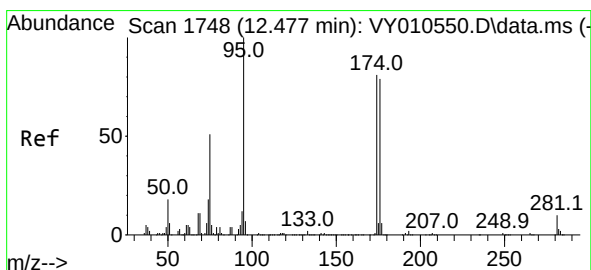
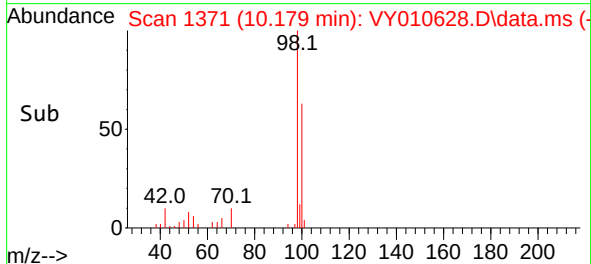
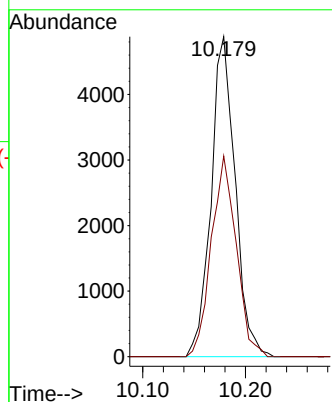
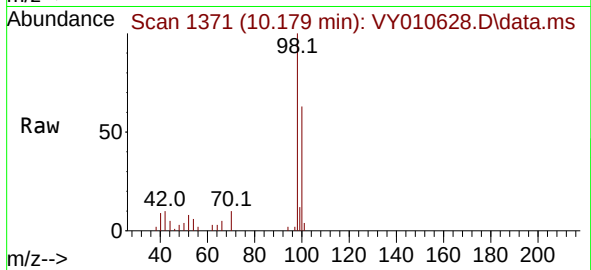
SB-29-6.5-7.0

Tgt Ion: 98 Resp: 7950

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 30.973 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010628.D

Acq: 22 Sep 2022 17:26

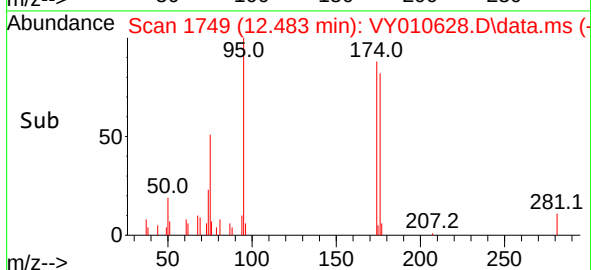
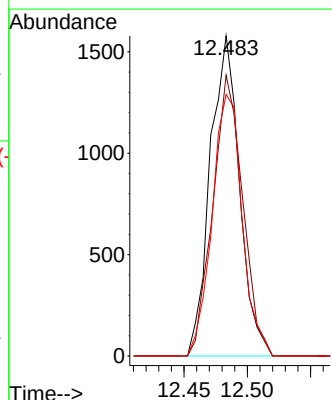
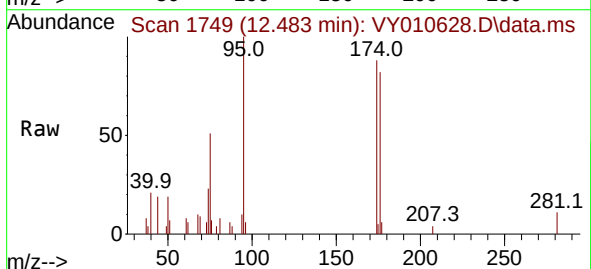
Tgt Ion: 95 Resp: 2534

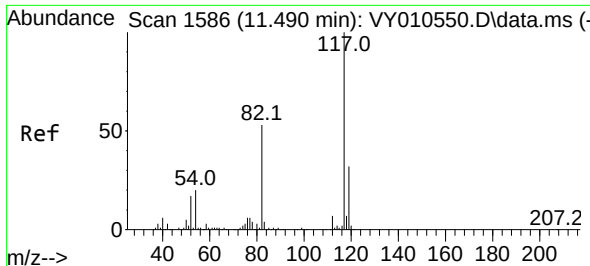
Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.0

176 83.9 0.0 175.8

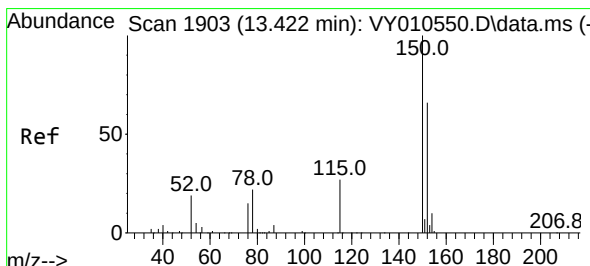
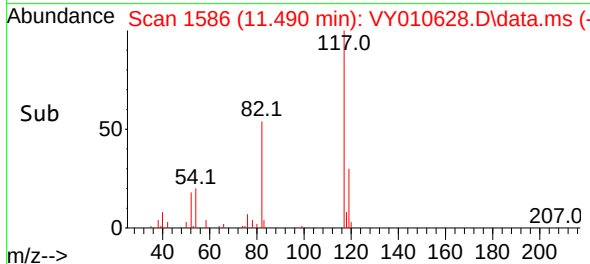
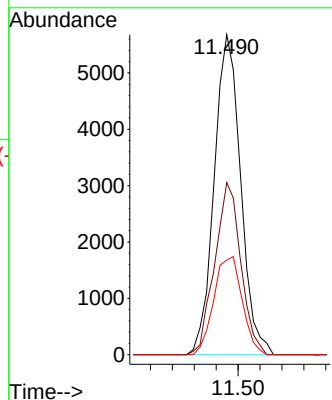
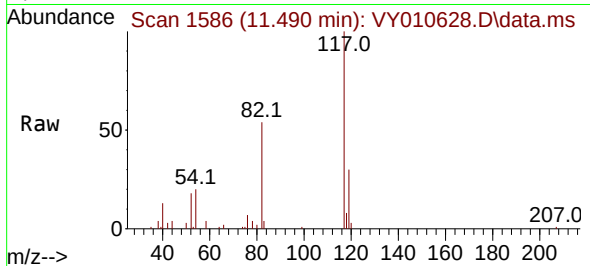




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

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

Tgt Ion:	117	Resp:	9516
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	29.6	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: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion:	152	Resp:	3457
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	147.3	0.0	347.6

