

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012612.D
 Acq On : 15 Feb 2023 14:06
 Operator : KP/MD
 Sample : 01552-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-4.0-6.0

Quant Time: Feb 16 00:54:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	110602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	177100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57528	40.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.800%
35) Dibromofluoromethane	7.710	113	50985	39.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.060%
50) Toluene-d8	10.179	98	208040	38.753	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.500%
62) 4-Bromofluorobenzene	12.477	95	64164	34.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.540%

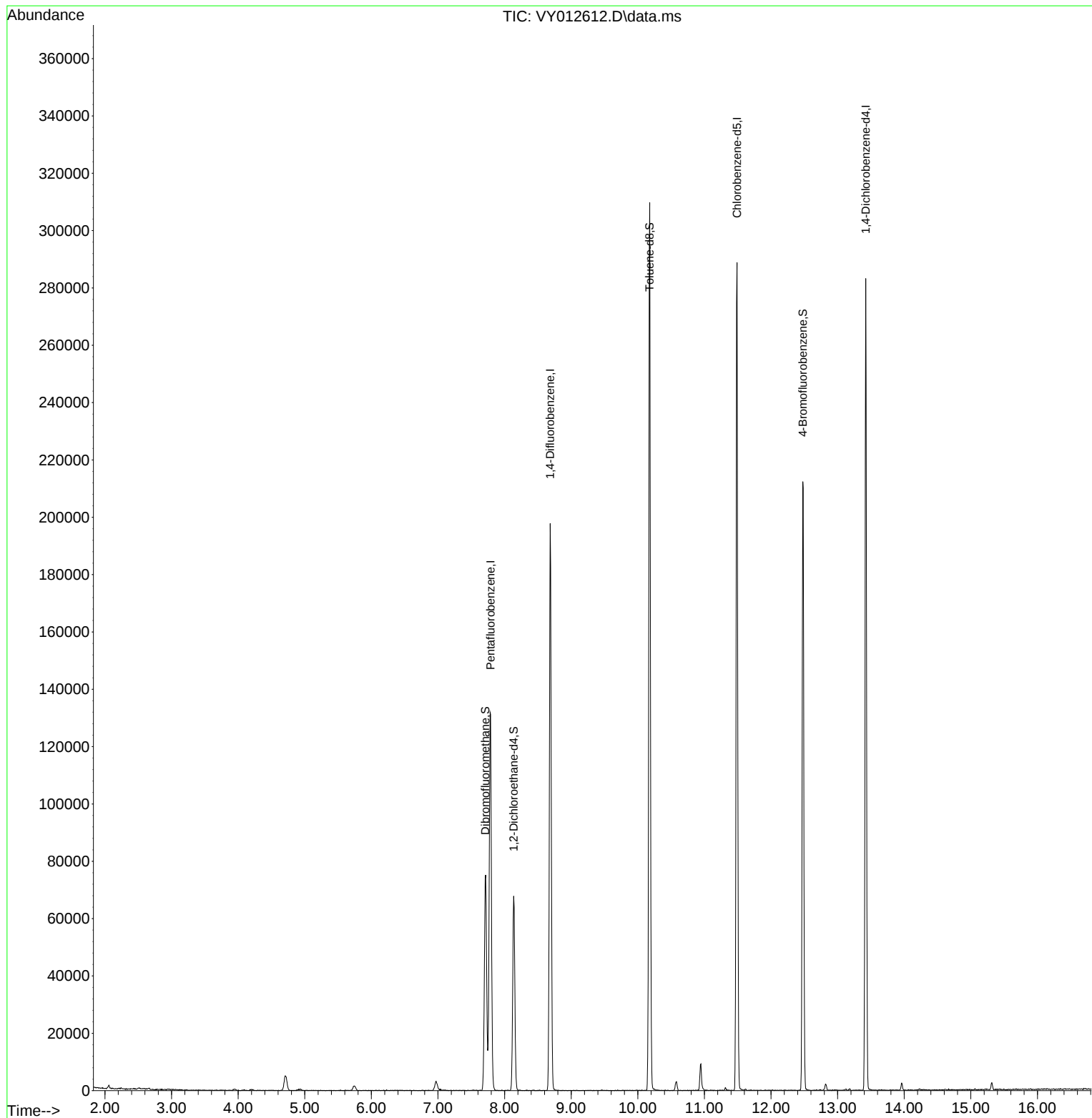
Target Compounds	Qvalue

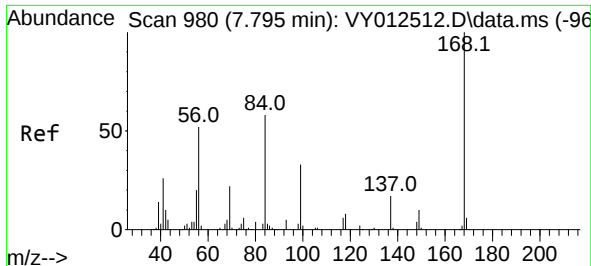
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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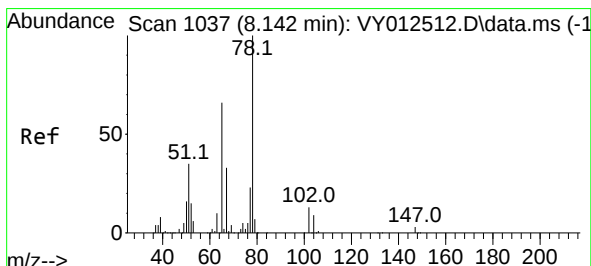
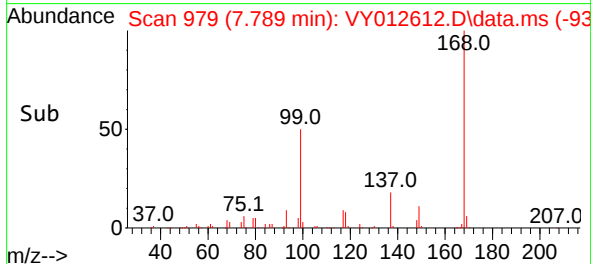
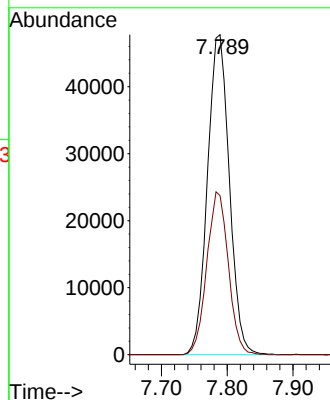
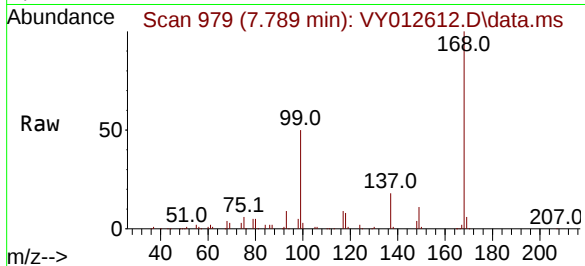




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012612.D
Acq: 15 Feb 2023 14:06

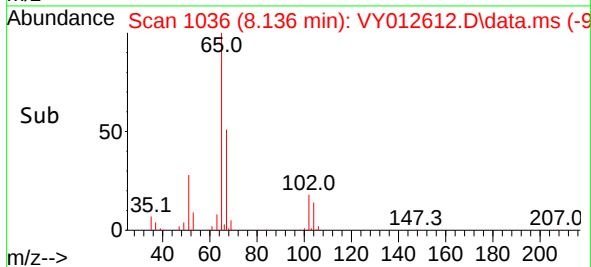
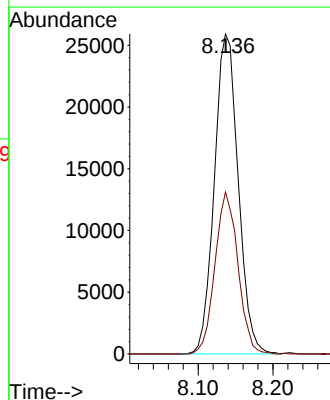
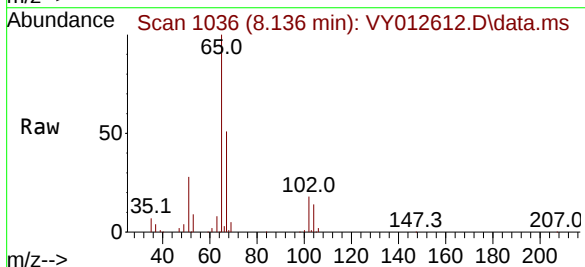
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

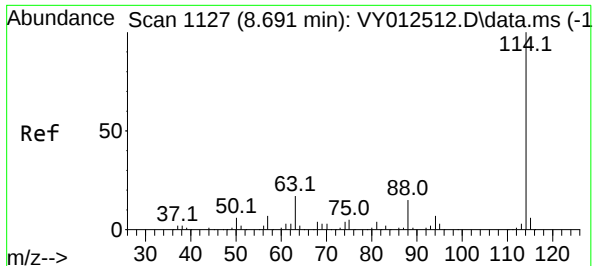
Tgt Ion:168 Resp: 110602
Ion Ratio Lower Upper
168 100
99 49.7 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 40.903 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012612.D
Acq: 15 Feb 2023 14:06

Tgt Ion: 65 Resp: 57528
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012612.D

Acq: 15 Feb 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-4.0-6.0

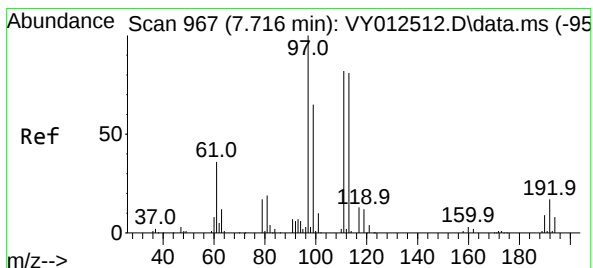
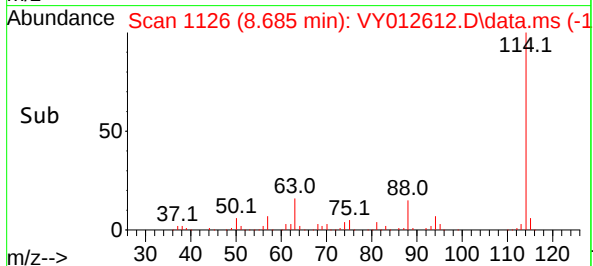
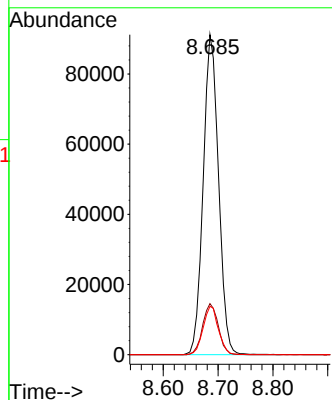
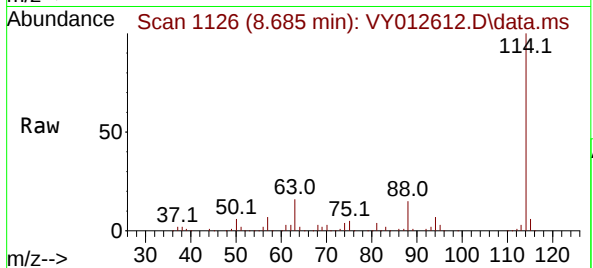
Tgt Ion:114 Resp: 177100

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.6

88 15.1 0.0 29.8



#35

Dibromofluoromethane

Concen: 39.531 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012612.D

Acq: 15 Feb 2023 14:06

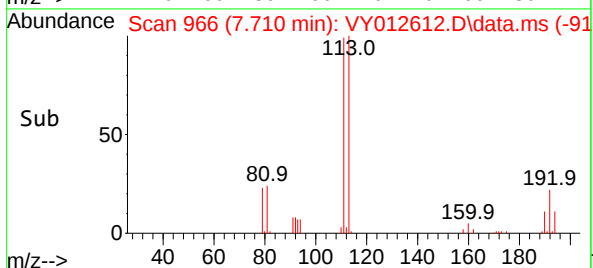
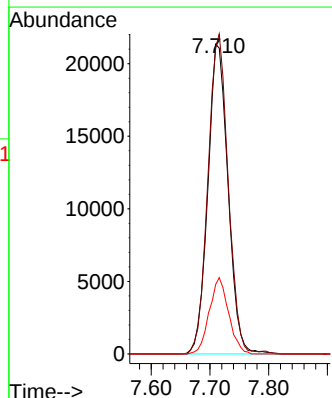
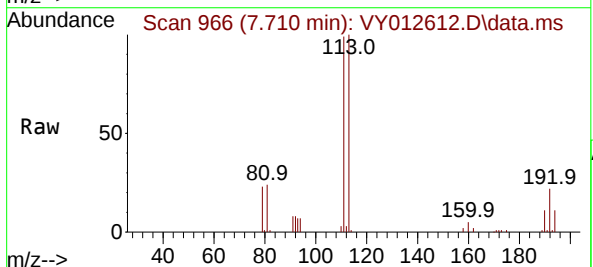
Tgt Ion:113 Resp: 50985

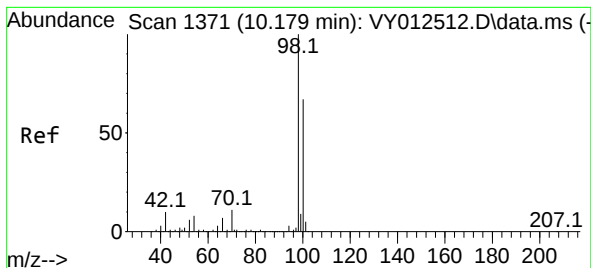
Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 23.6 17.5 26.3

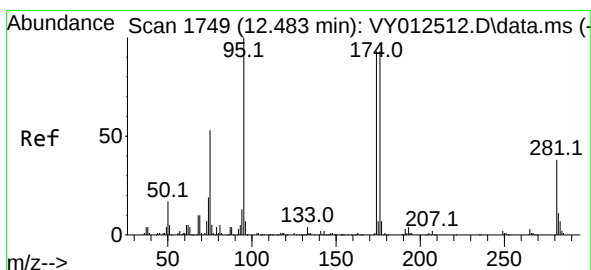
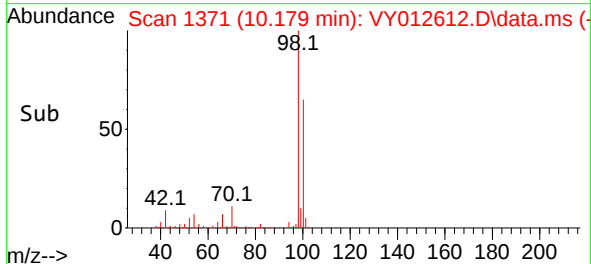
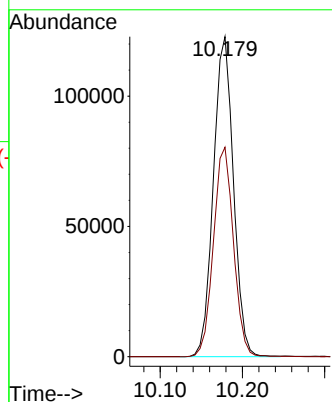
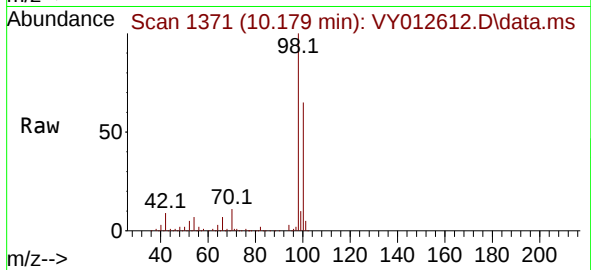




#50
Toluene-d8
Concen: 38.753 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012612.D
Acq: 15 Feb 2023 14:06

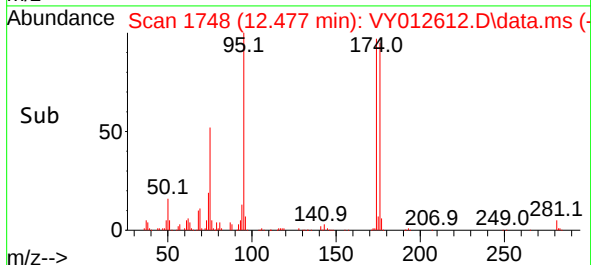
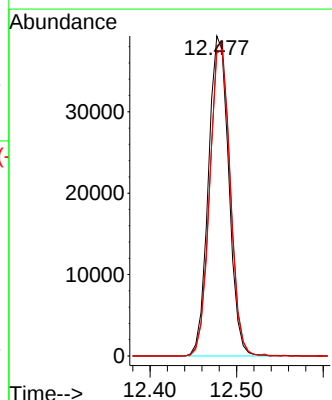
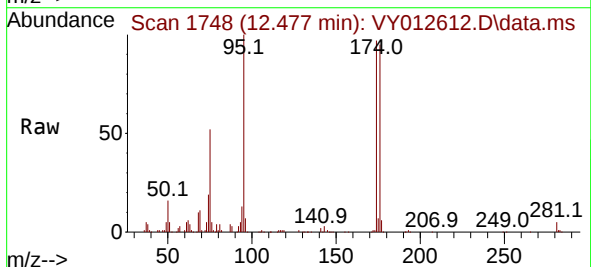
Instrument :
MSVOA_Y
ClientSampleId :
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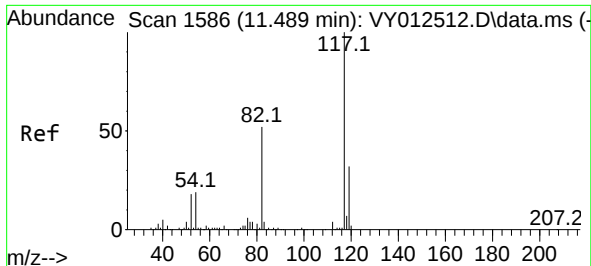
Tgt Ion: 98 Resp: 208040
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 34.267 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012612.D
Acq: 15 Feb 2023 14:06

Tgt Ion: 95 Resp: 64164
Ion Ratio Lower Upper
95 100
174 98.6 0.0 188.0
176 95.9 0.0 183.6

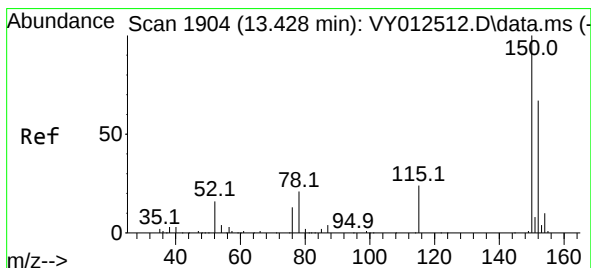
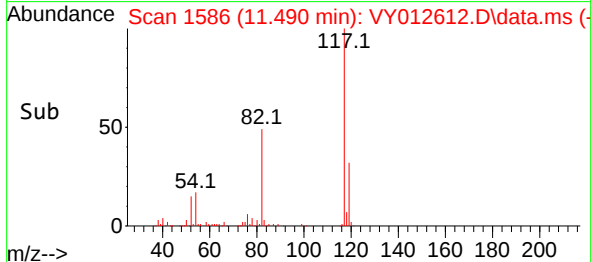
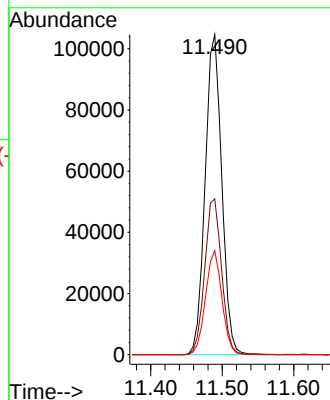
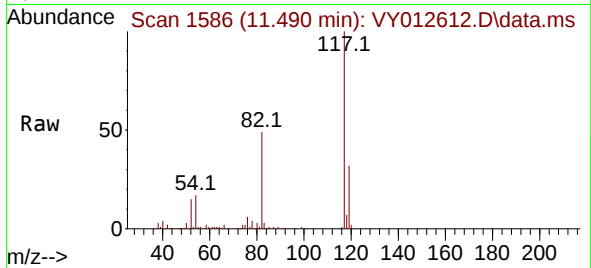




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012612.D
Acq: 15 Feb 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

Tgt Ion:117 Resp: 168993
Ion Ratio Lower Upper
117 100
82 48.7 41.7 62.5
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012612.D
Acq: 15 Feb 2023 14:06

Tgt Ion:152 Resp: 77556
Ion Ratio Lower Upper
152 100
115 54.9 28.1 84.3
150 154.9 0.0 351.0

