

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010348.D
 Acq On : 06 Sep 2022 15:01
 Operator : KP/MD
 Sample : N4501-15
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-7.5-8.0

Quant Time: Sep 07 05:55:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	272230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	443381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	417364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	203620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	145369	52.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.160%
35) Dibromofluoromethane	7.716	113	134382	45.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.060%
50) Toluene-d8	10.179	98	523578	52.982	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.960%
62) 4-Bromofluorobenzene	12.477	95	187477	46.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.980%

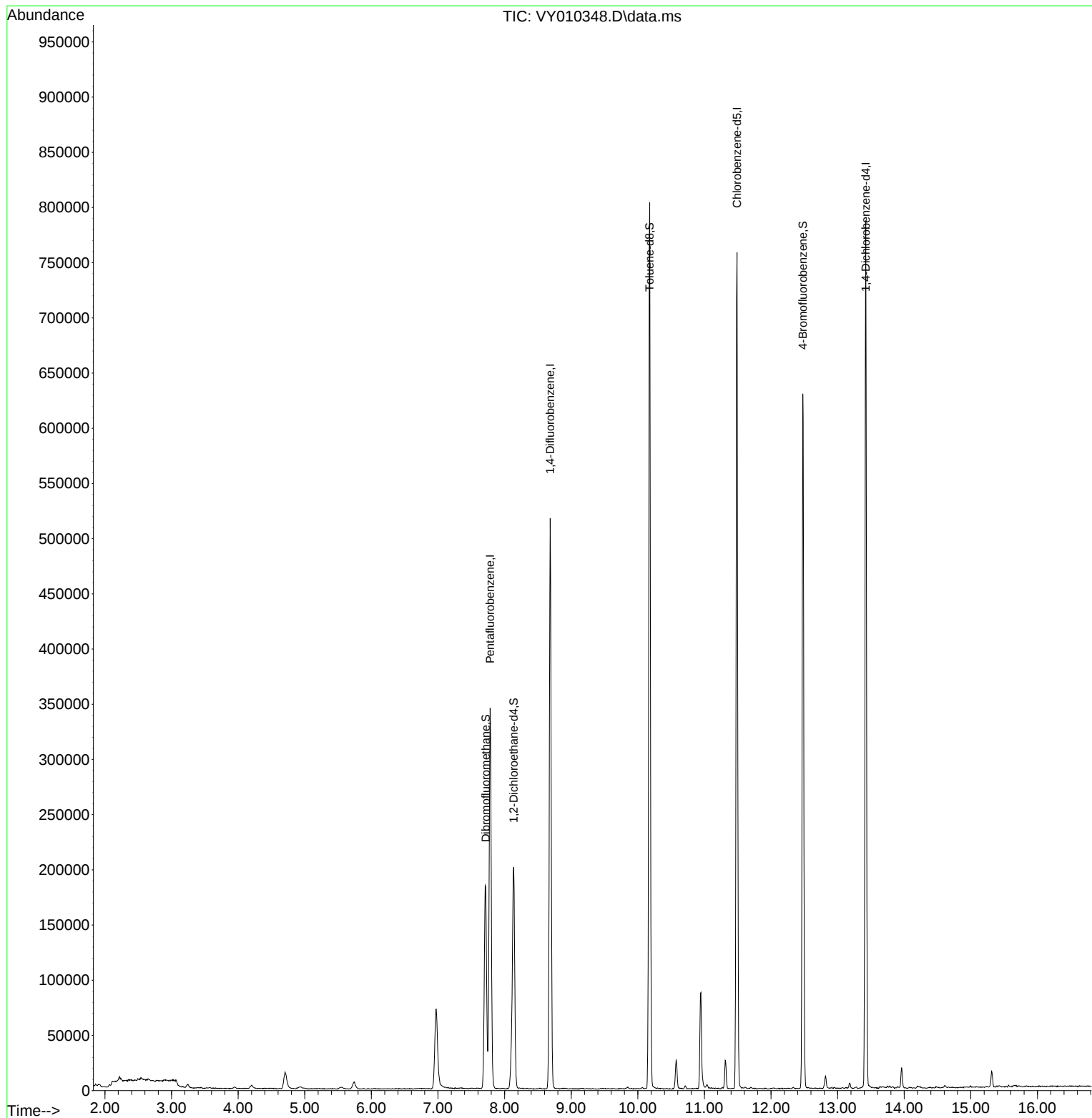
Target Compounds	Qvalue

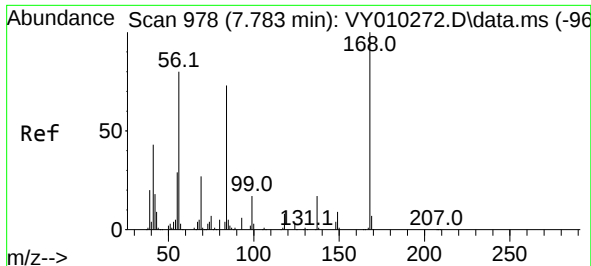
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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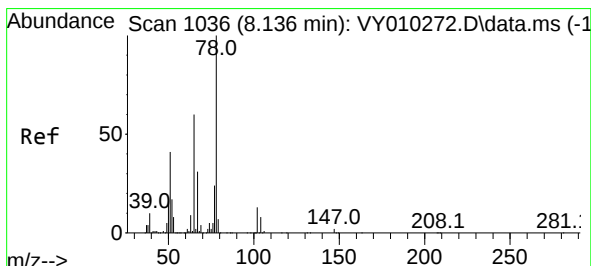
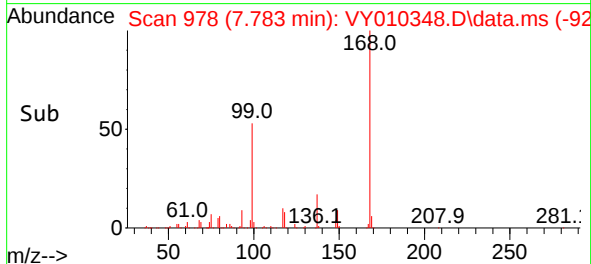
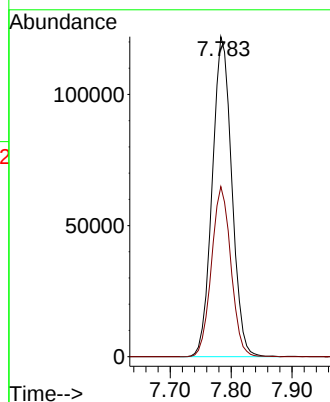
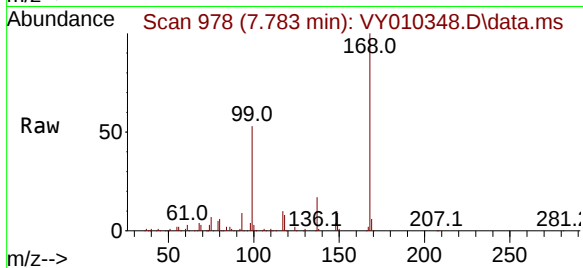




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010348.D
Acq: 06 Sep 2022 15:01

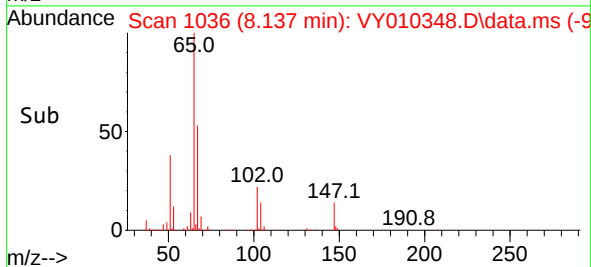
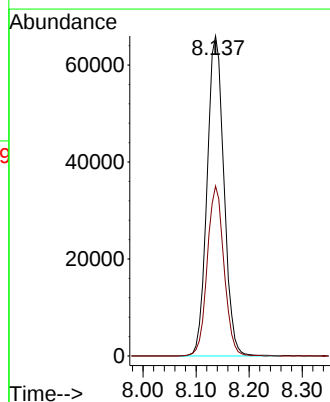
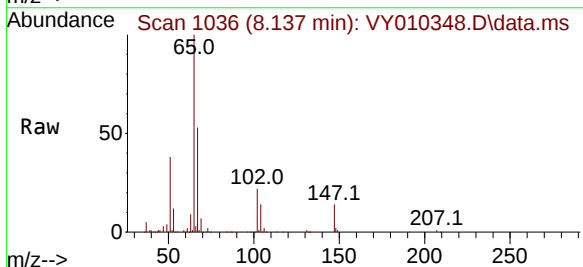
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-7.5-8.0

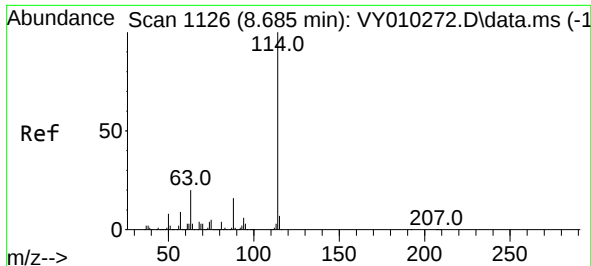
Tgt Ion:168 Resp: 272230
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.077 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010348.D
Acq: 06 Sep 2022 15:01

Tgt Ion: 65 Resp: 145369
Ion Ratio Lower Upper
65 100
67 52.8 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: VY010348.D

Acq: 06 Sep 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-7.5-8.0

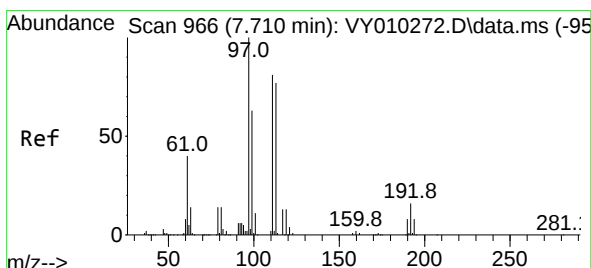
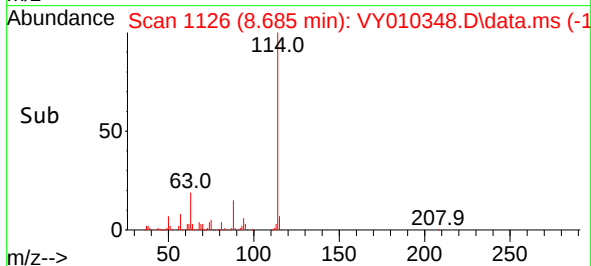
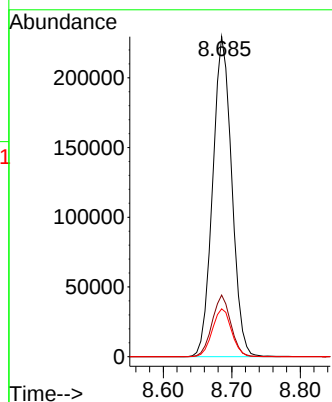
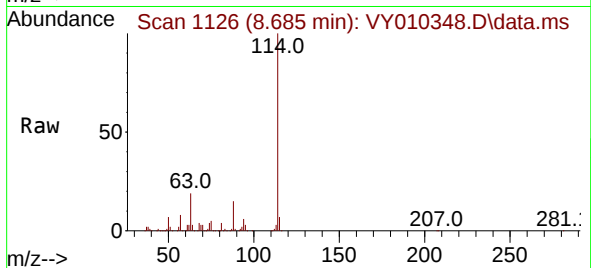
Tgt Ion:114 Resp: 443381

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.527 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010348.D

Acq: 06 Sep 2022 15:01

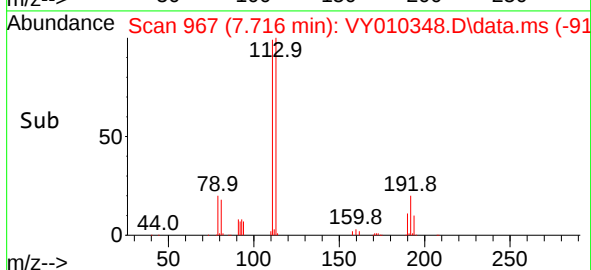
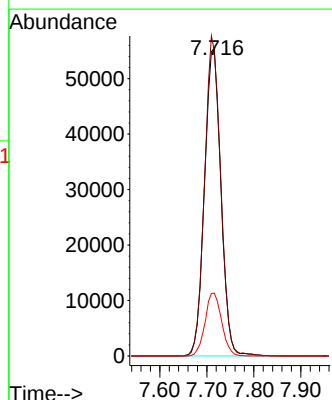
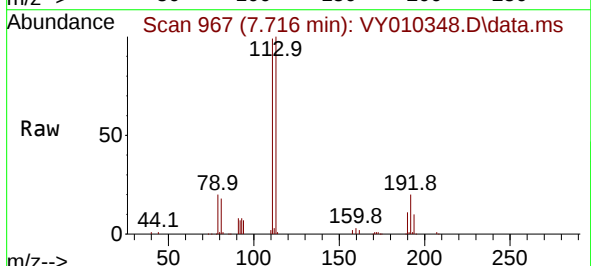
Tgt Ion:113 Resp: 134382

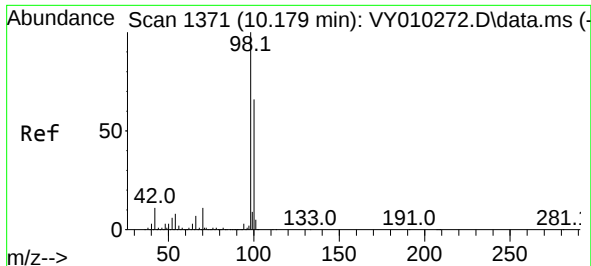
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 20.7 17.6 26.4

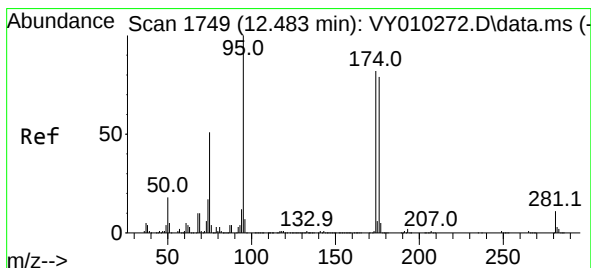
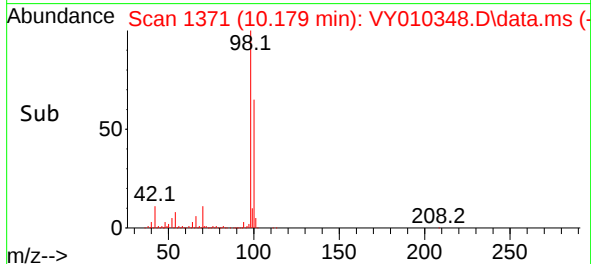
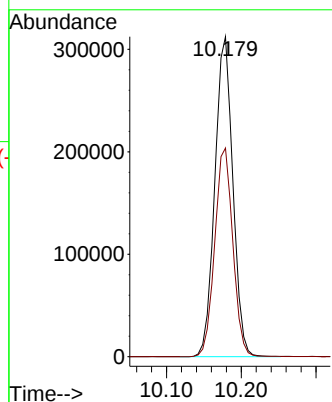
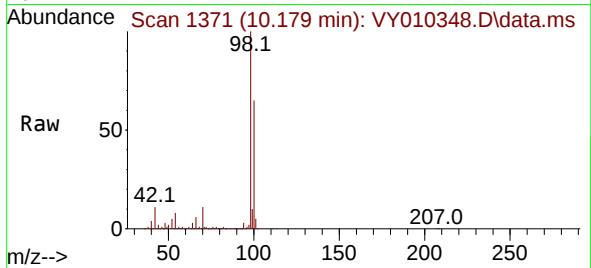




#50
Toluene-d8
Concen: 52.982 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010348.D
Acq: 06 Sep 2022 15:01

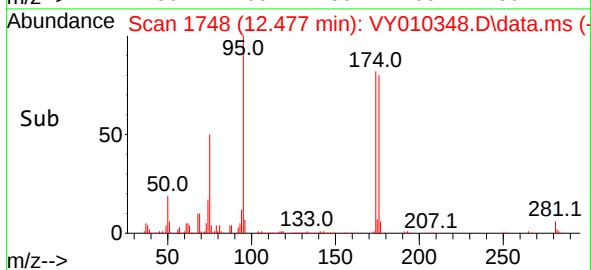
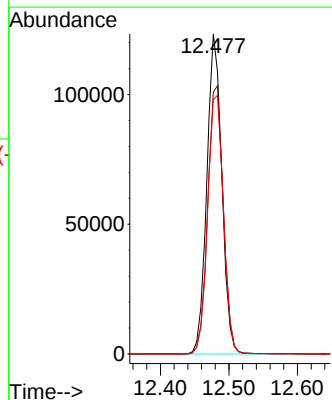
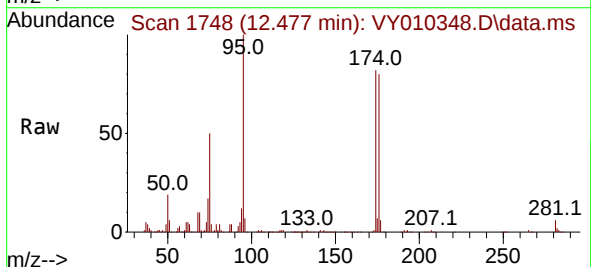
Instrument :
MSVOA_Y
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SB-16-7.5-8.0

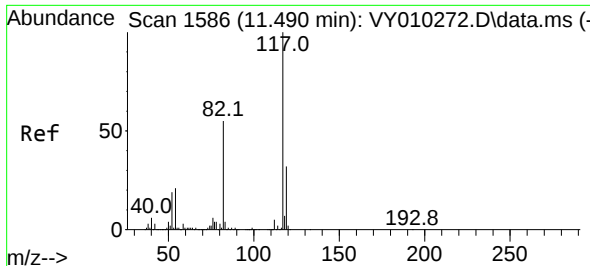
Tgt Ion: 98 Resp: 523578
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.991 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010348.D
Acq: 06 Sep 2022 15:01

Tgt Ion: 95 Resp: 187477
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 85.2 0.0 175.8

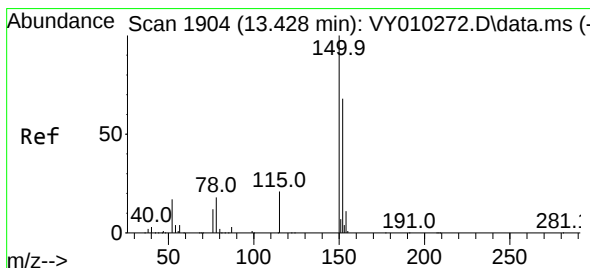
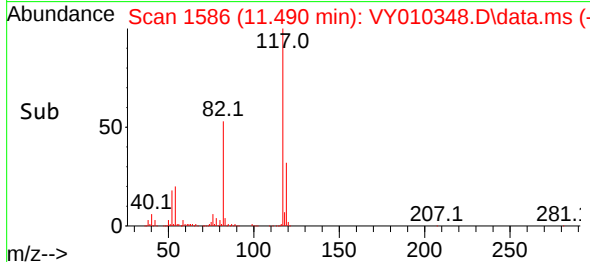
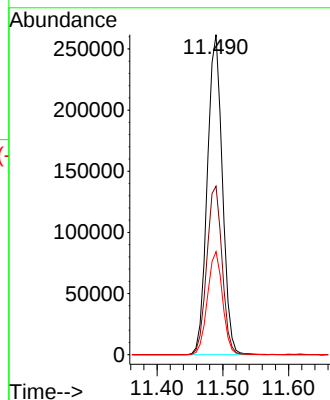
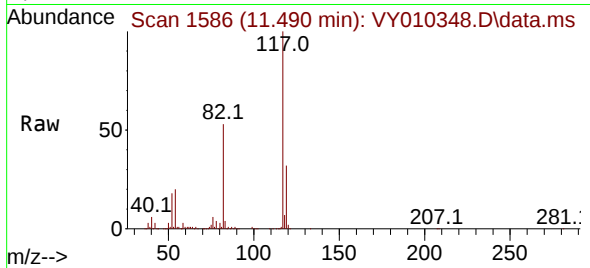




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010348.D
Acq: 06 Sep 2022 15:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-7.5-8.0

Tgt Ion:117 Resp: 417364
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010348.D
Acq: 06 Sep 2022 15:01

Tgt Ion:152 Resp: 203620
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 155.7 0.0 347.6

