

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012650.D
 Acq On : 17 Feb 2023 14:55
 Operator : KP/MD
 Sample : 01595-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-322-3

Quant Time: Feb 17 22:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85439	45.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.580%
35) Dibromofluoromethane	7.716	113	73354	40.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.640%
50) Toluene-d8	10.179	98	294421	39.367	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.740%
62) 4-Bromofluorobenzene	12.477	95	102780	39.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.800%

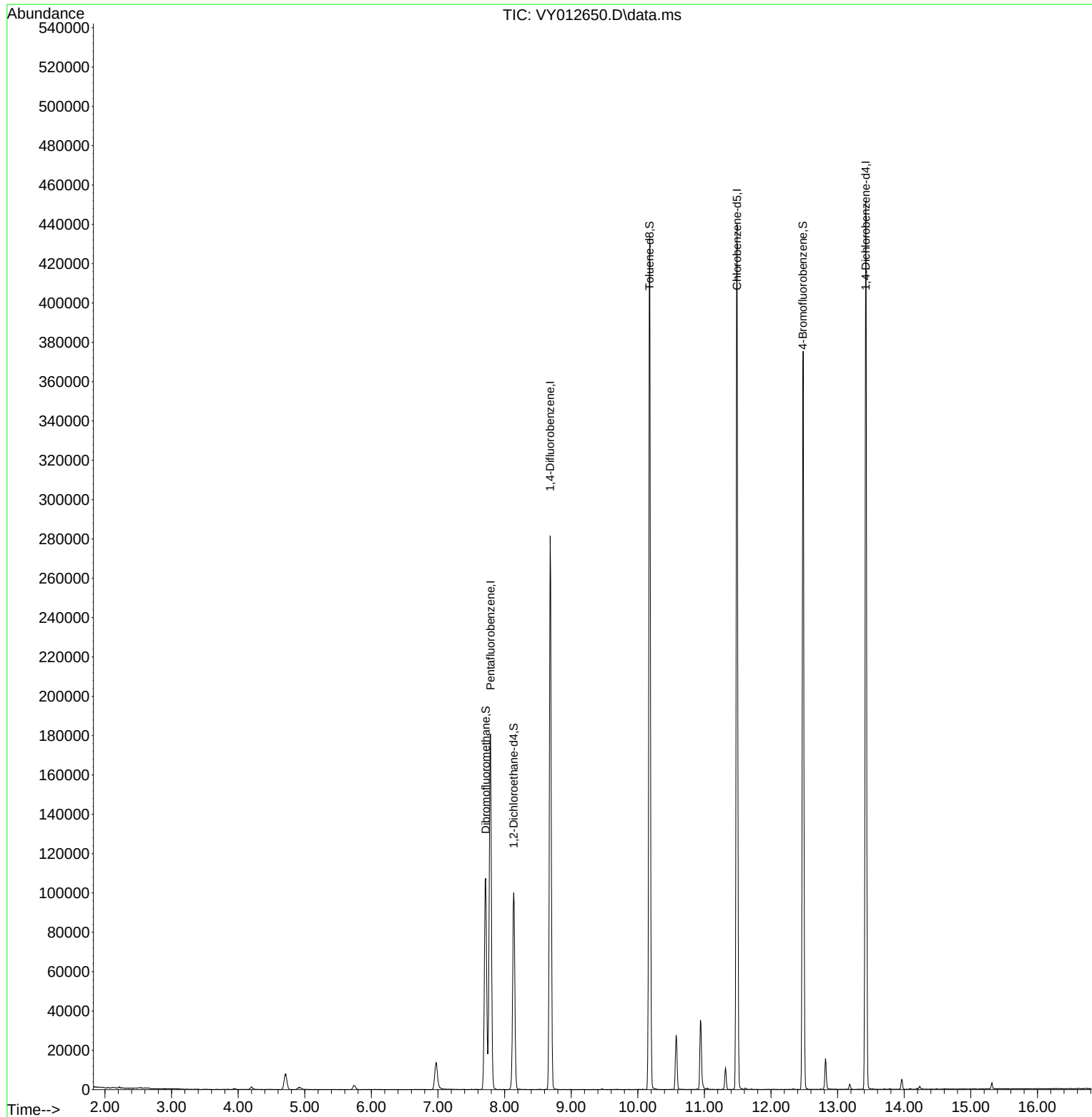
Target Compounds	Qvalue

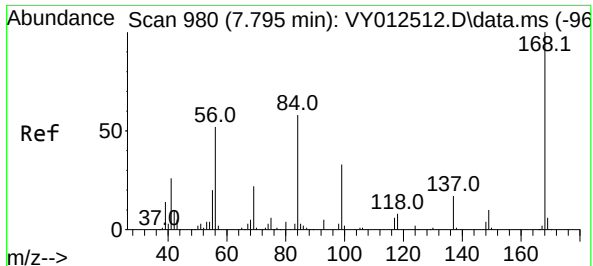
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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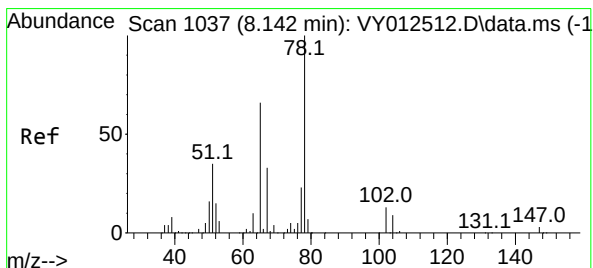
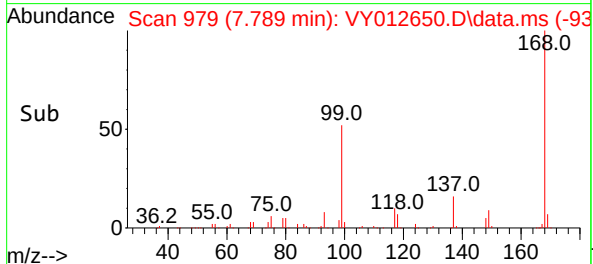
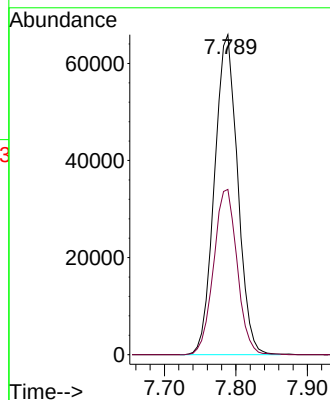
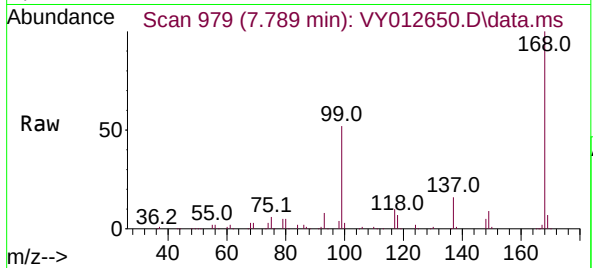




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

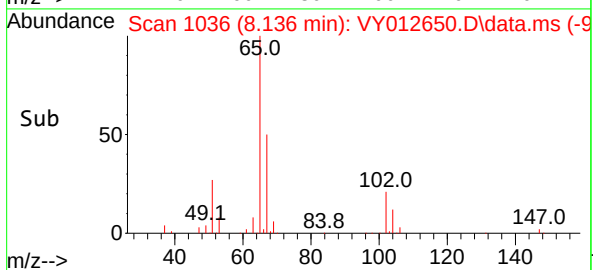
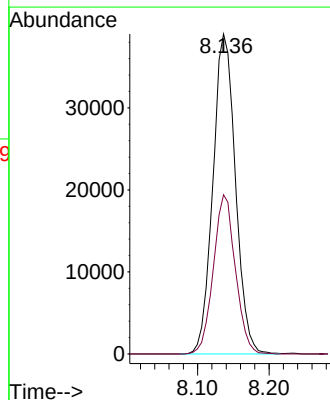
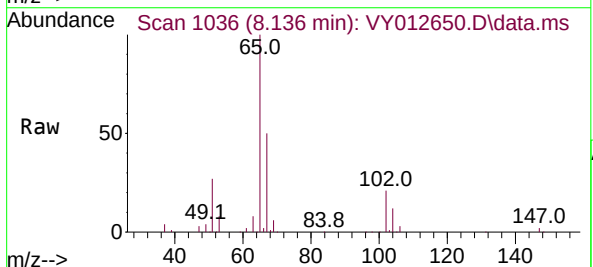
Instrument :
MSVOA_Y
ClientSampleId :
S-322-3

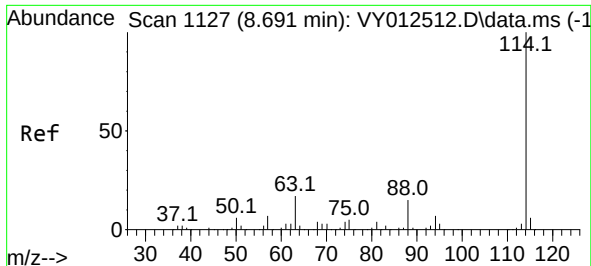
Tgt Ion:168 Resp: 148353
Ion Ratio Lower Upper
168 100
99 51.6 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 45.290 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

Tgt Ion: 65 Resp: 85439
Ion Ratio Lower Upper
65 100
67 48.5 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: VY012650.D

Acq: 17 Feb 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

S-322-3

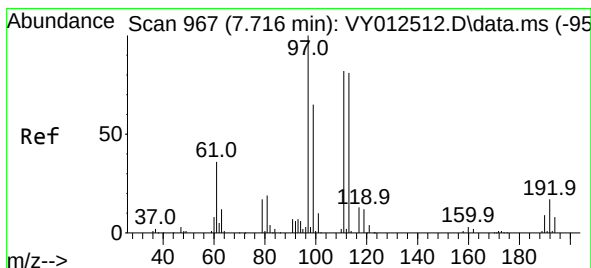
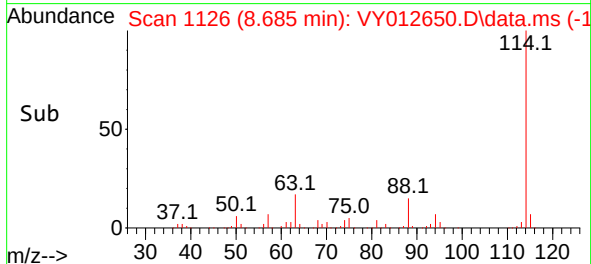
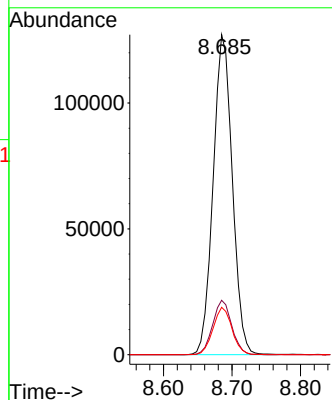
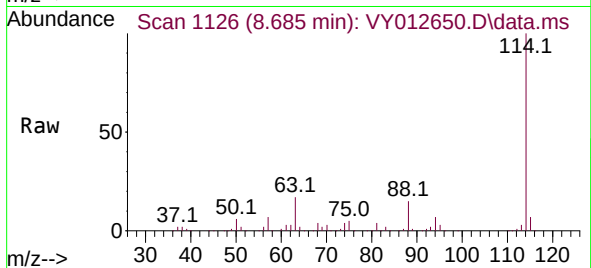
Tgt Ion:114 Resp: 246728

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.6

88 14.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.824 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012650.D

Acq: 17 Feb 2023 14:55

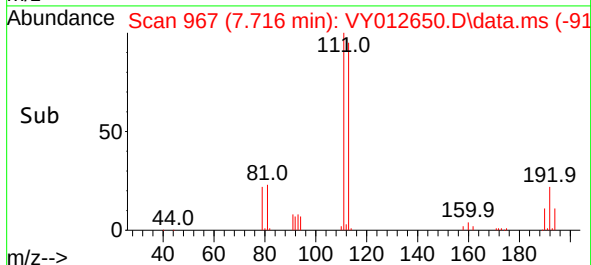
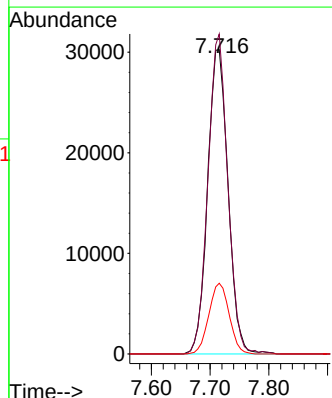
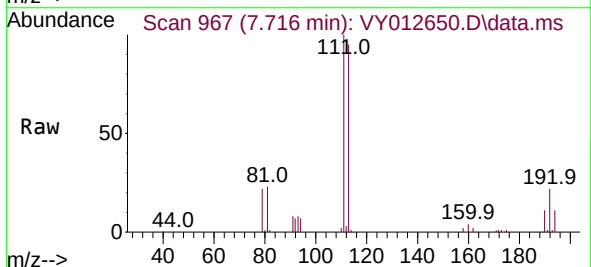
Tgt Ion:113 Resp: 73354

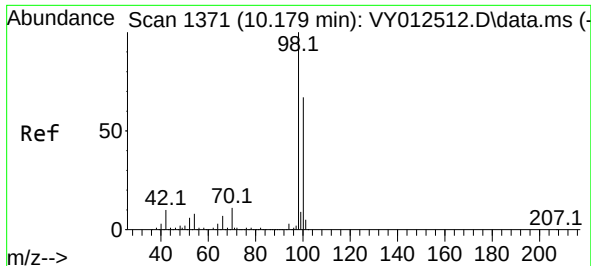
Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 23.1 17.5 26.3

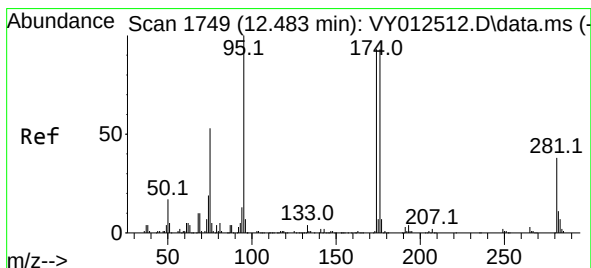
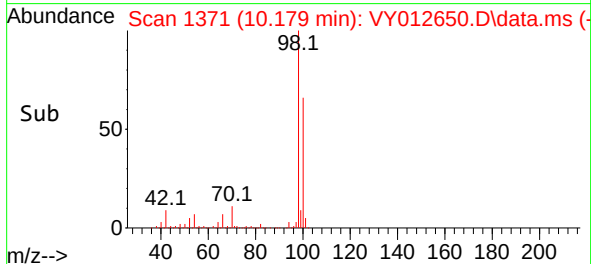
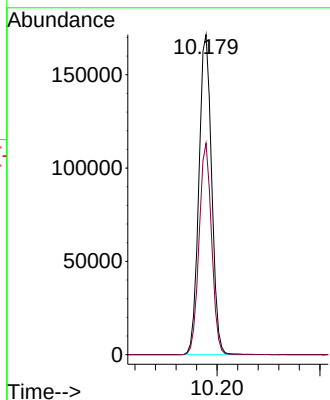
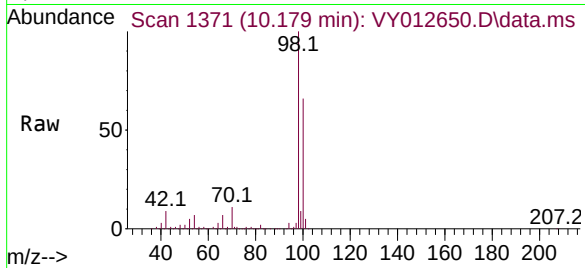




#50
Toluene-d8
Concen: 39.367 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

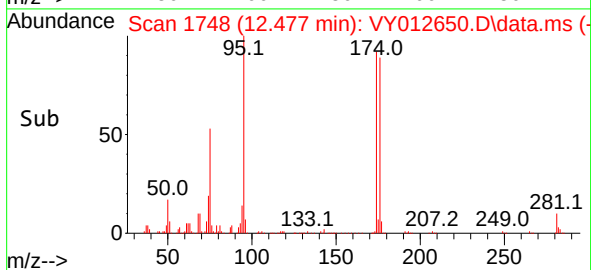
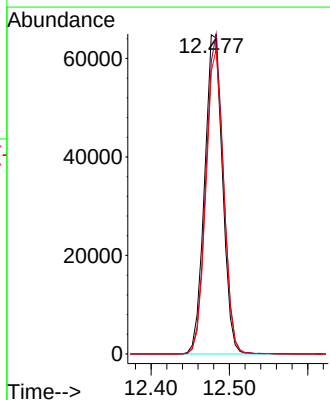
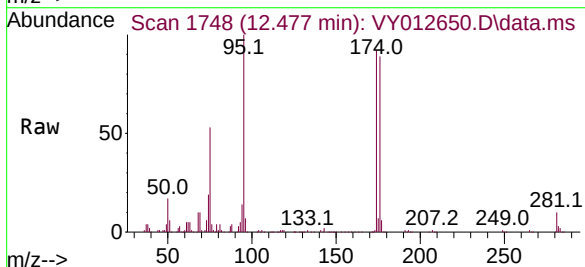
Instrument :
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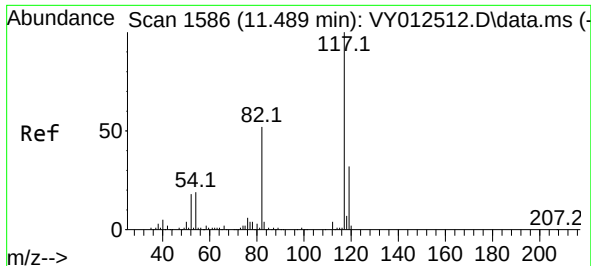
Tgt Ion: 98 Resp: 294421
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 39.400 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

Tgt Ion: 95 Resp: 102780
Ion Ratio Lower Upper
95 100
174 98.3 0.0 188.0
176 93.8 0.0 183.6

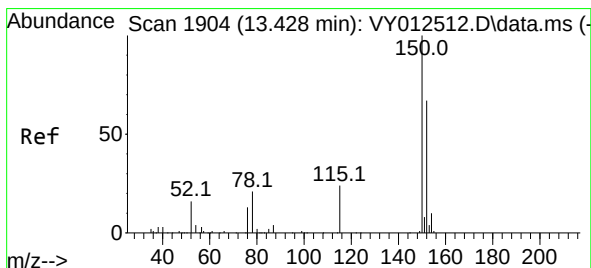
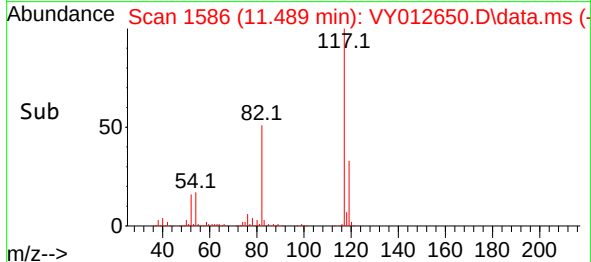
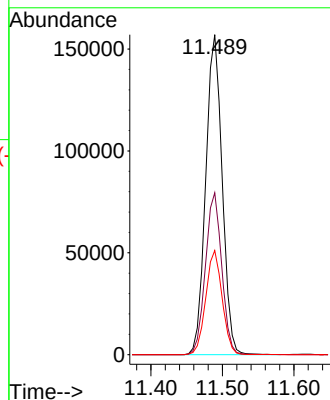
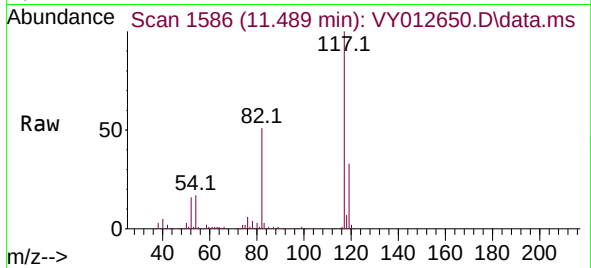




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :
S-322-3

Tgt Ion:117 Resp: 250962
Ion Ratio Lower Upper
117 100
82 50.6 41.7 62.5
119 32.6 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: VY012650.D
Acq: 17 Feb 2023 14:55

Tgt Ion:152 Resp: 123946
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.3
150 157.4 0.0 351.0

