

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010347.D
 Acq On : 06 Sep 2022 14:38
 Operator : KP/MD
 Sample : N4501-13
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-8.0-8.5

Quant Time: Sep 07 05:55:27 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	7.789	168	274182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	445007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144517	51.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.800%
35) Dibromofluoromethane	7.710	113	133390	45.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.179	98	523768	52.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.620%
62) 4-Bromofluorobenzene	12.477	95	188237	47.012	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.020%

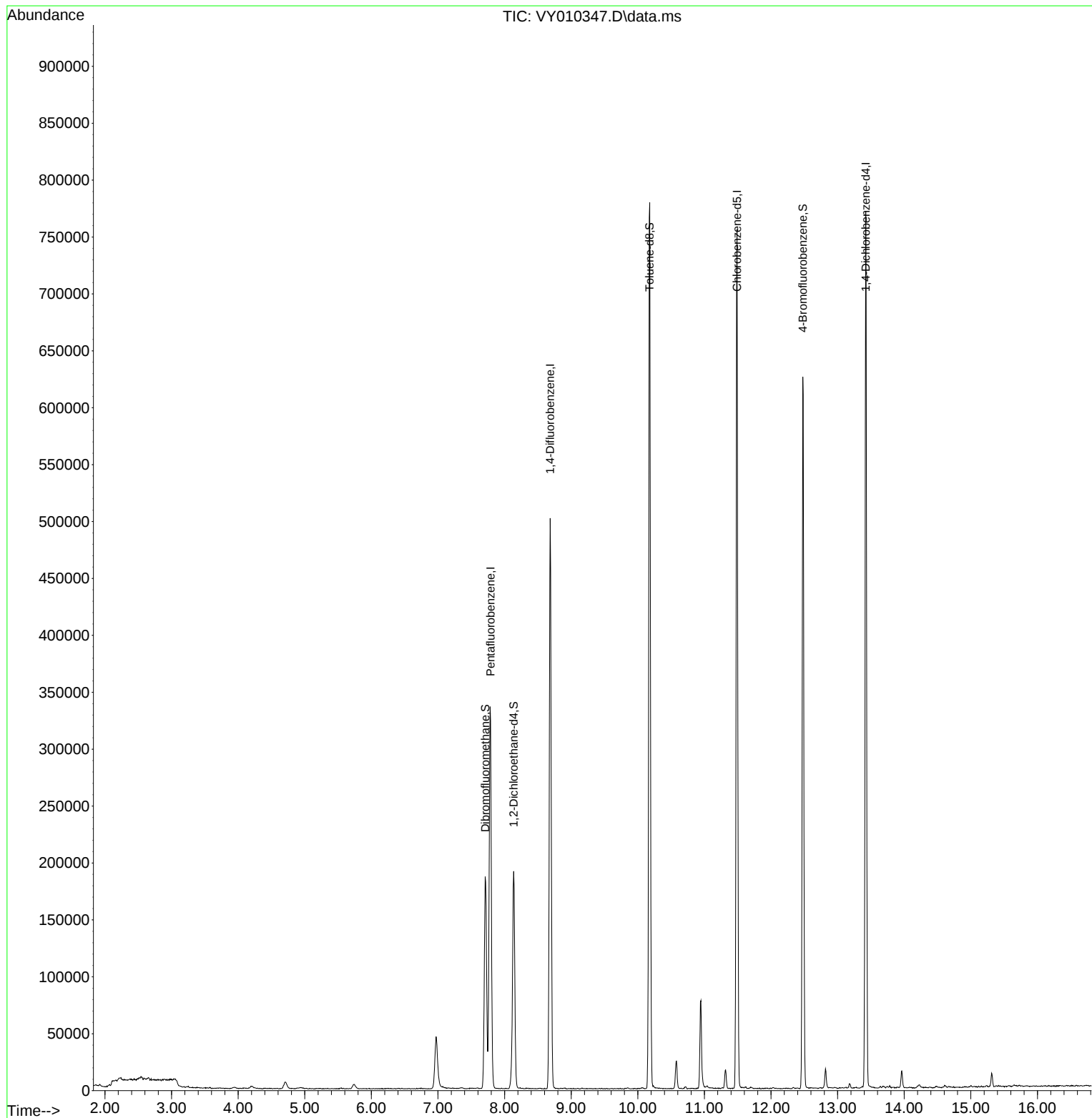
Target Compounds	Qvalue

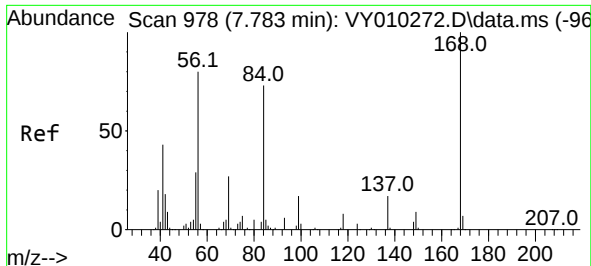
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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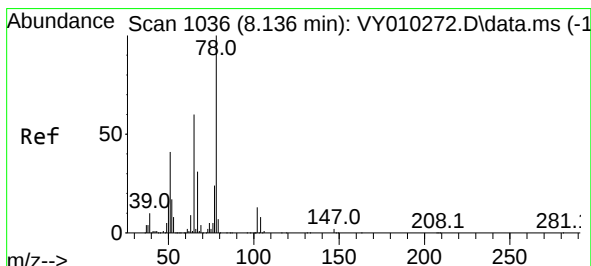
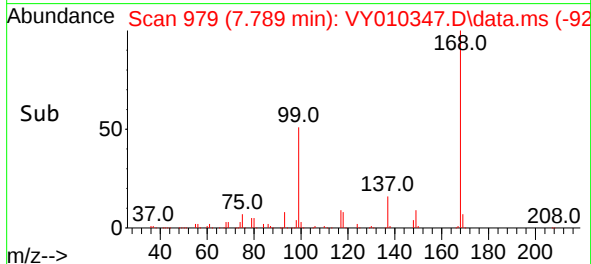
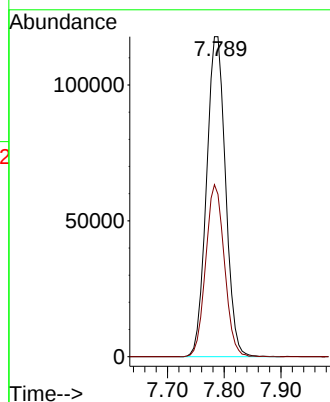
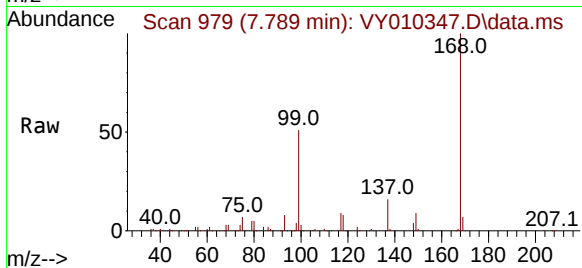




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010347.D
Acq: 06 Sep 2022 14:38

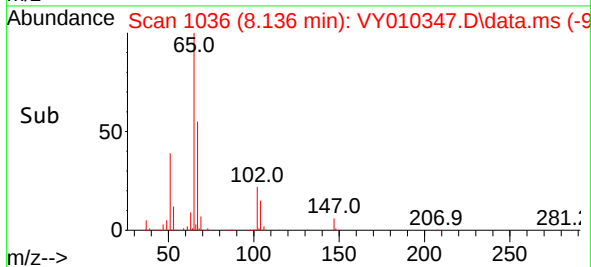
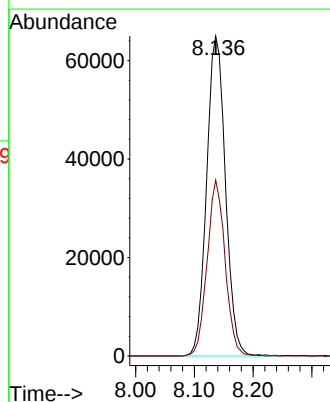
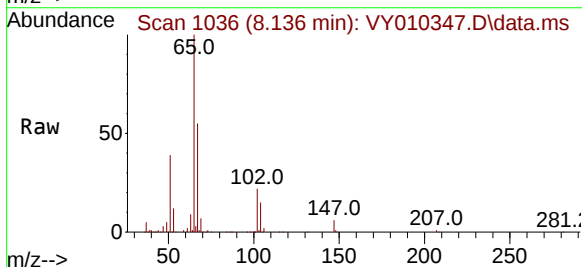
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-8.0-8.5

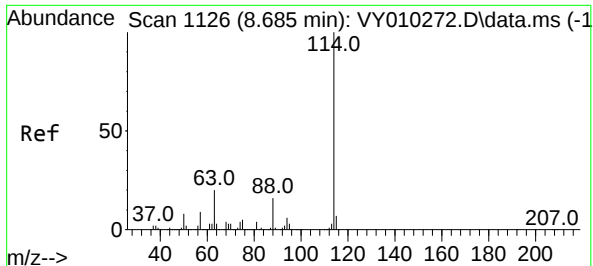
Tgt Ion:168 Resp: 274182
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.403 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010347.D
Acq: 06 Sep 2022 14:38

Tgt Ion: 65 Resp: 144517
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

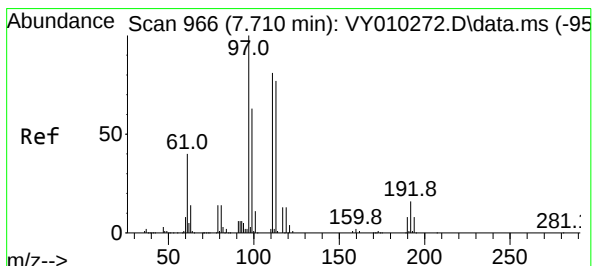
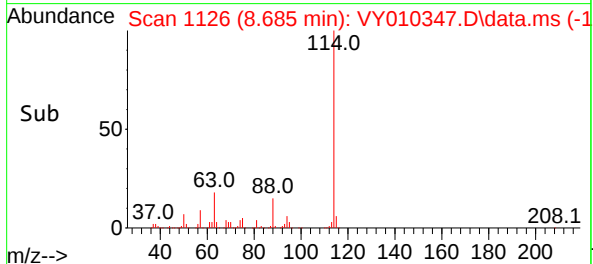
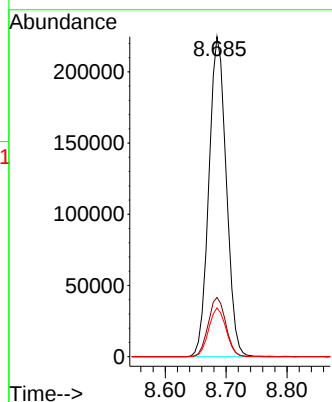
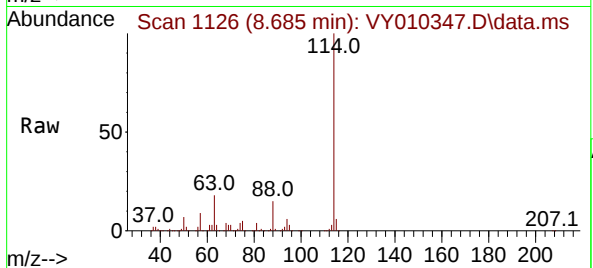




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010347.D
Acq: 06 Sep 2022 14:38

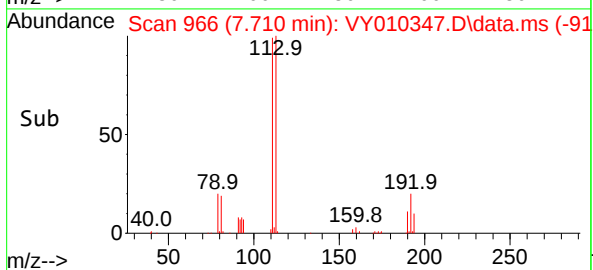
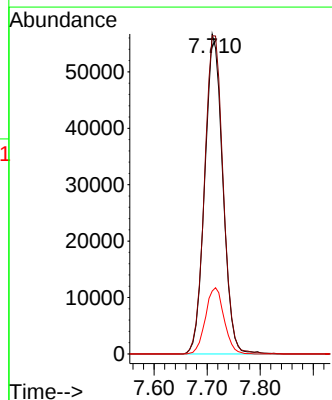
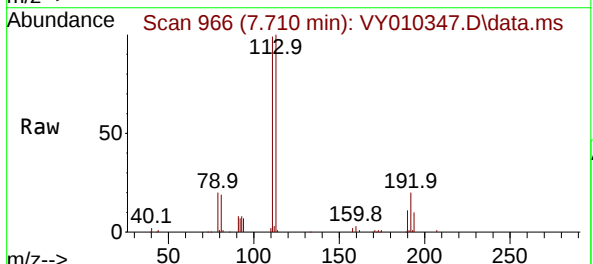
Instrument :
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ClientSampleId :
SB-15-8.0-8.5

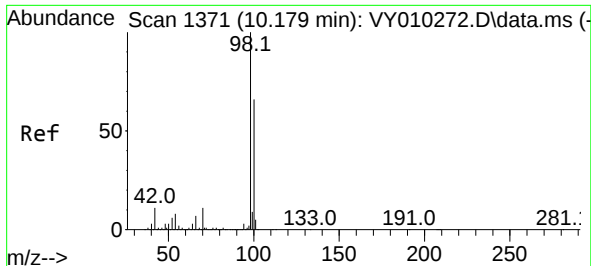
Tgt Ion:114 Resp: 445007
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.026 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010347.D
Acq: 06 Sep 2022 14:38

Tgt Ion:113 Resp: 133390
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 21.4 17.6 26.4

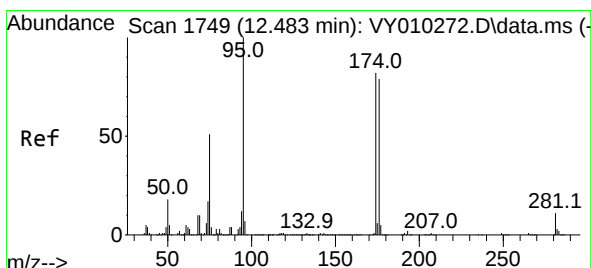
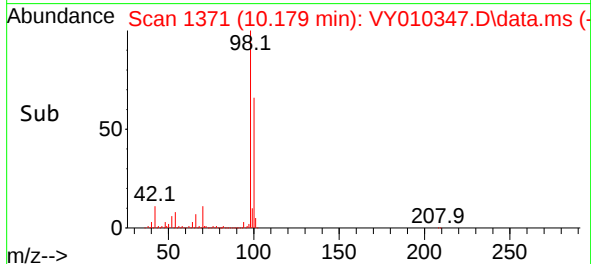
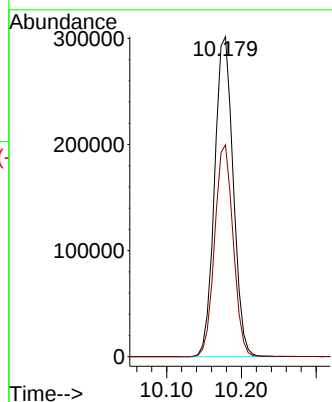
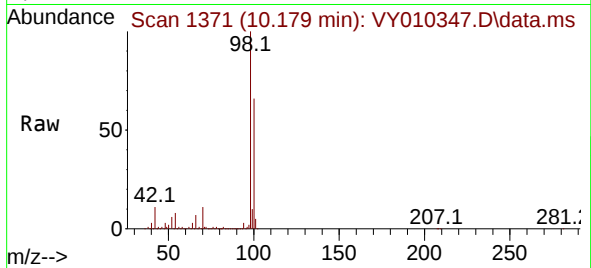




#50
Toluene-d8
Concen: 52.807 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010347.D
Acq: 06 Sep 2022 14:38

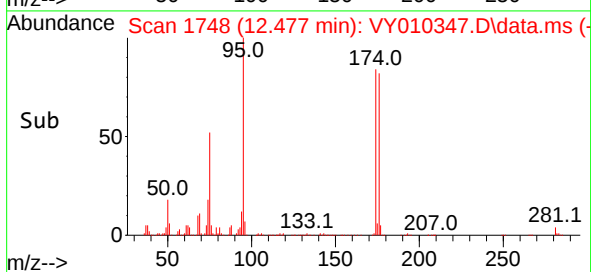
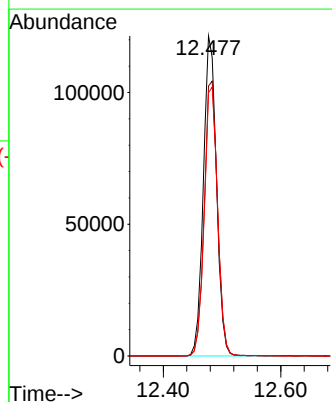
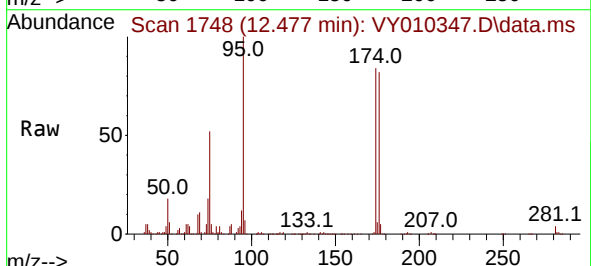
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-8.0-8.5

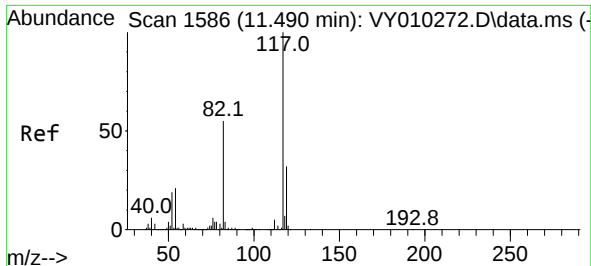
Tgt Ion: 98 Resp: 523768
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.012 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010347.D
Acq: 06 Sep 2022 14:38

Tgt Ion: 95 Resp: 188237
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 85.5 0.0 175.8

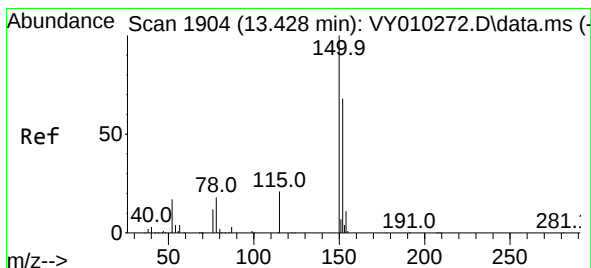
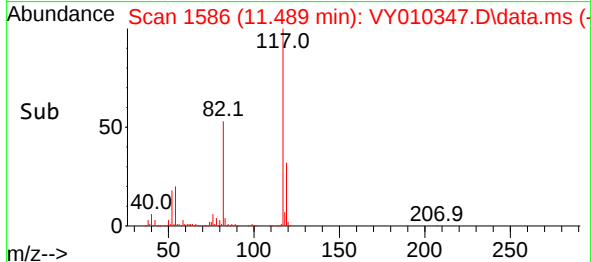
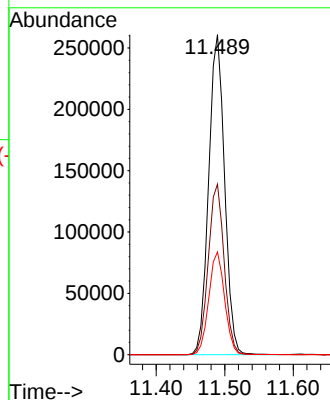
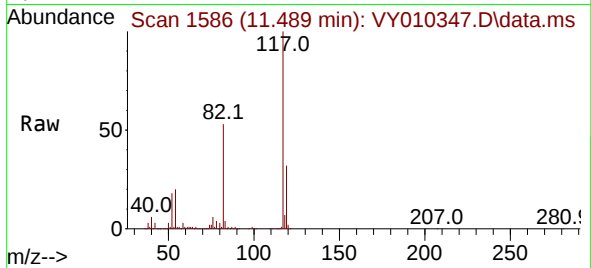




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010347.D
Acq: 06 Sep 2022 14:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-15-8.0-8.5

Tgt Ion:117 Resp: 421700
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.1 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: VY010347.D
Acq: 06 Sep 2022 14:38

Tgt Ion:152 Resp: 202004
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 158.7 0.0 347.6

