

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011068.D
 Acq On : 24 Oct 2022 14:51
 Operator : KP/MD
 Sample : N5254-04
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-102122

Quant Time: Oct 25 05:29:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	425807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	135815	58.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.960%
35) Dibromofluoromethane	7.716	113	140010	59.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.780%
50) Toluene-d8	10.179	98	456032	51.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.477	95	119680	37.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.440%

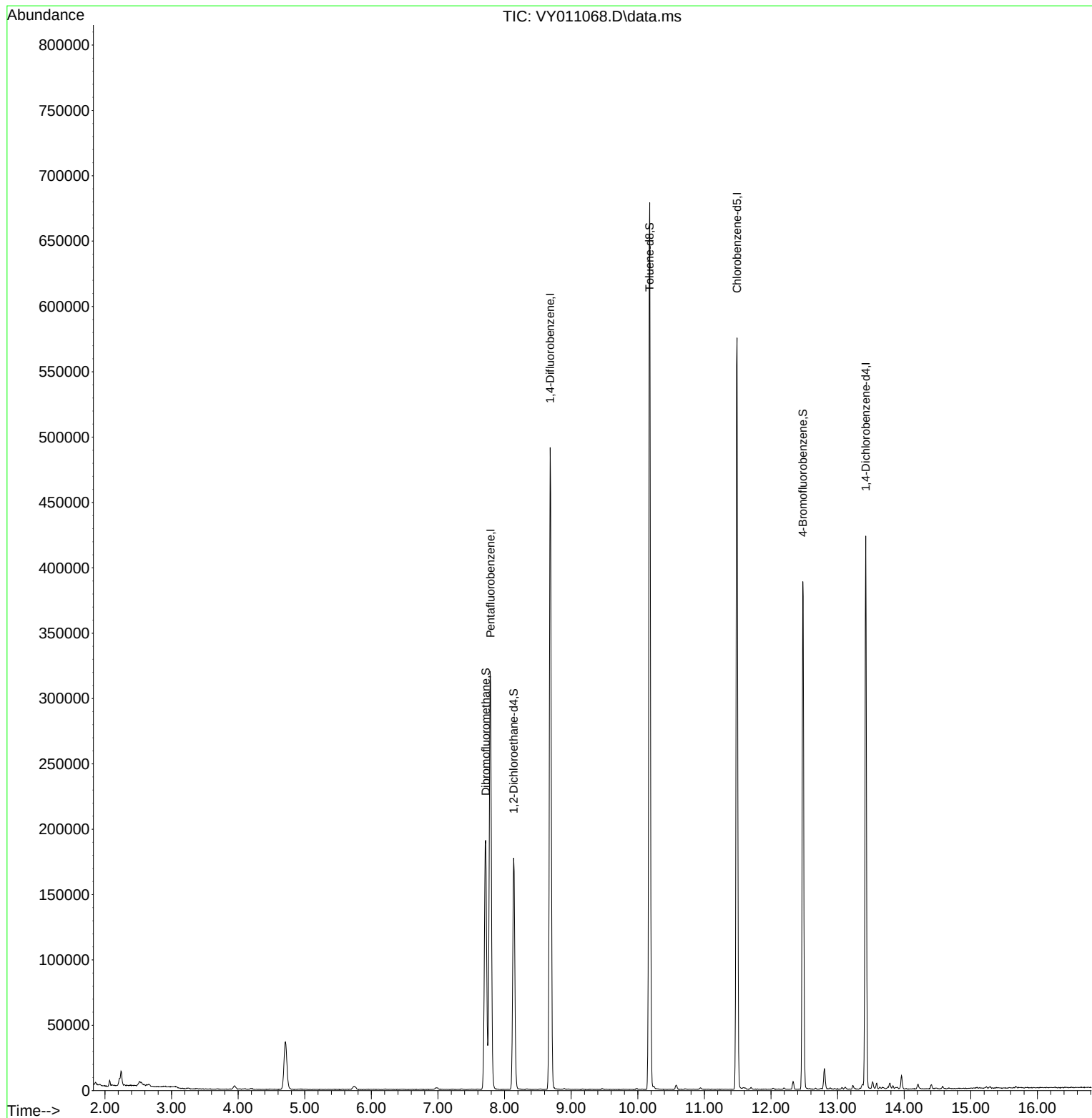
Target Compounds	Qvalue

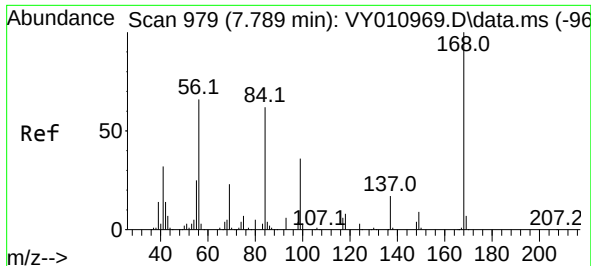
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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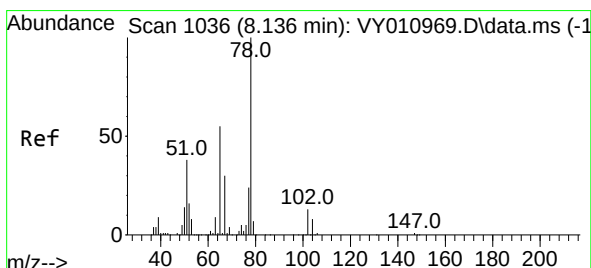
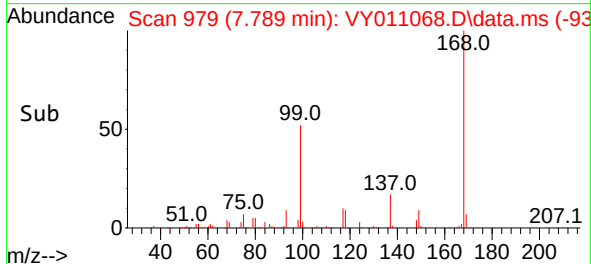
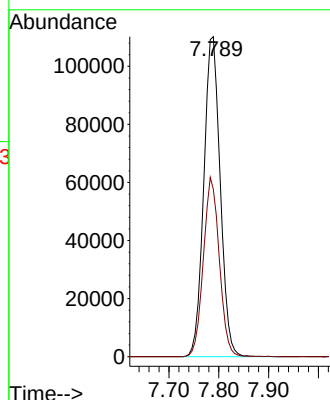
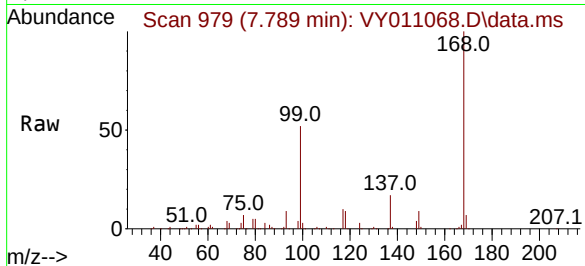




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

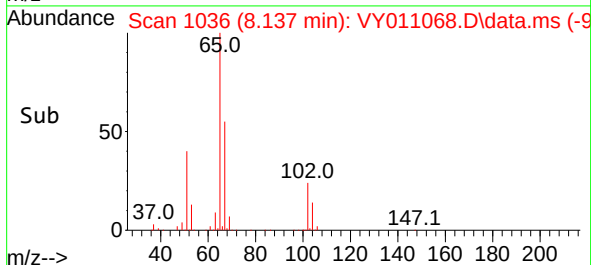
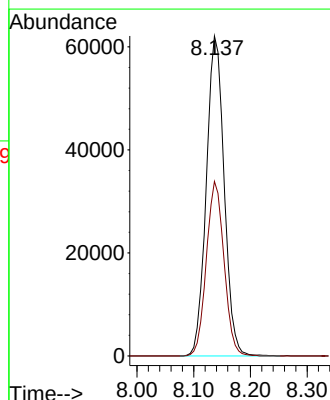
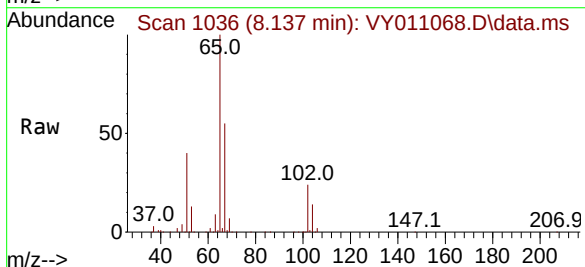
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122

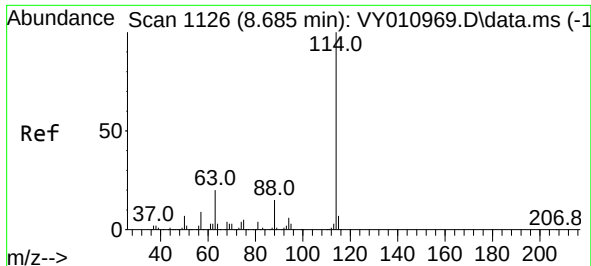
Tgt Ion:168 Resp: 252111
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.483 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 65 Resp: 135815
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

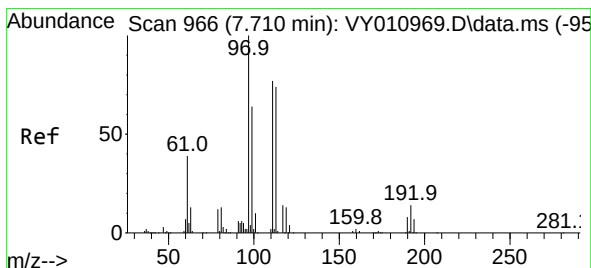
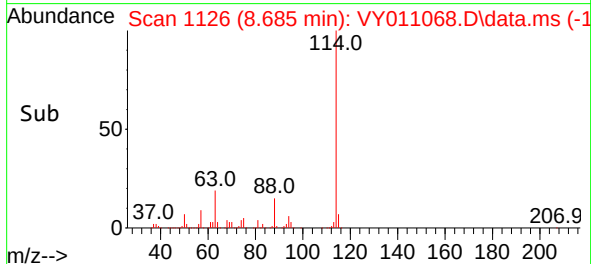
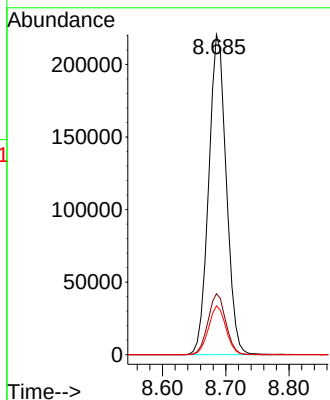
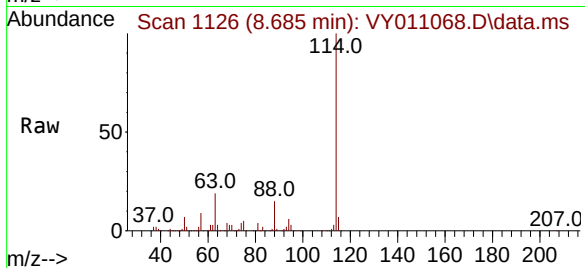




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

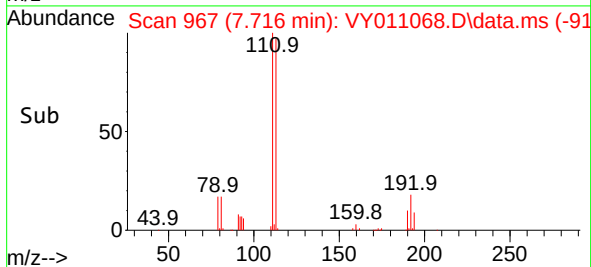
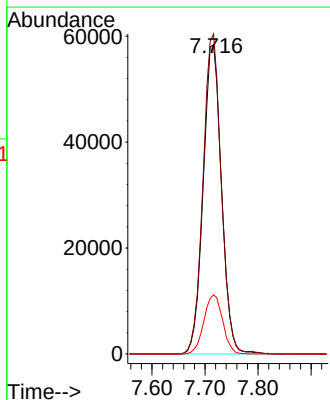
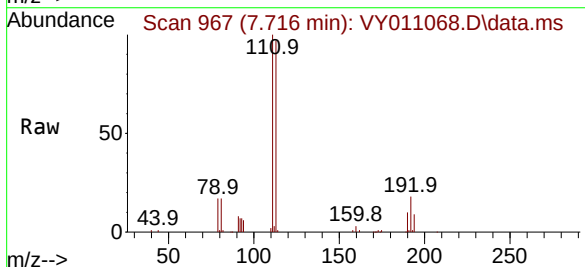
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ClientSampleId :
WC-2-102122

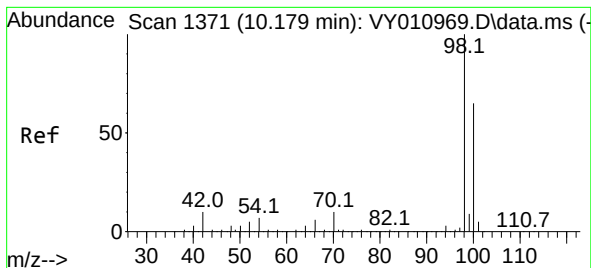
Tgt Ion:114 Resp: 425807
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.392 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion:113 Resp: 140010
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.5 17.6 26.4

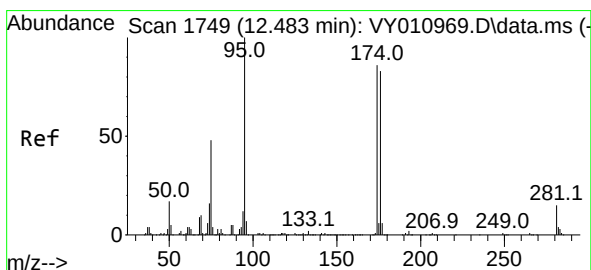
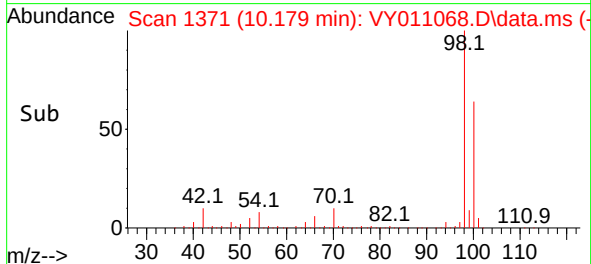
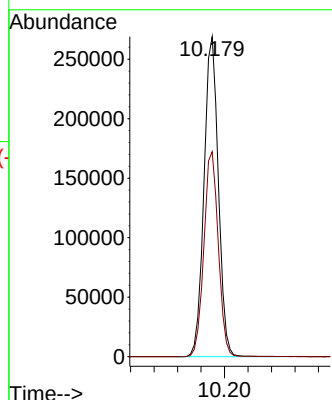
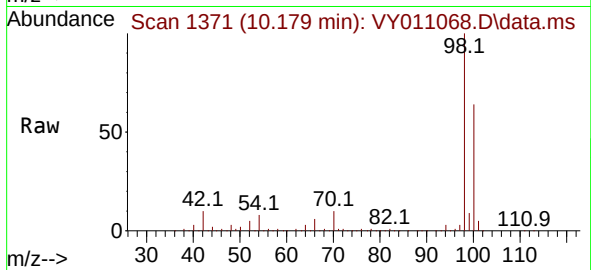




#50
Toluene-d8
Concen: 51.292 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

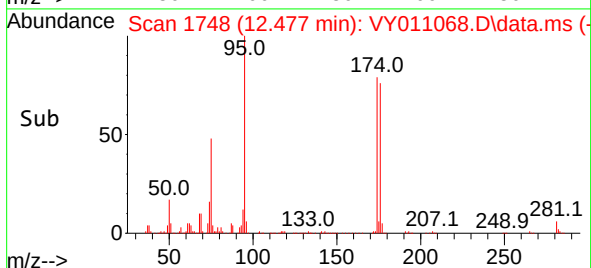
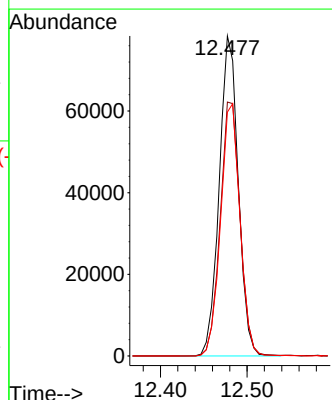
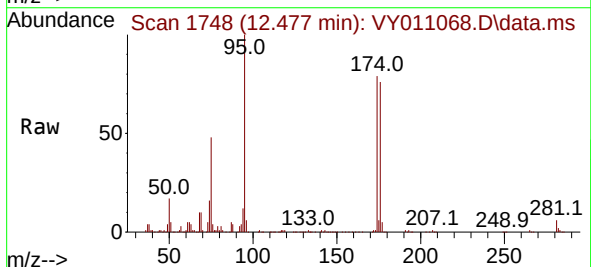
Instrument :
MSVOA_Y
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WC-2-102122

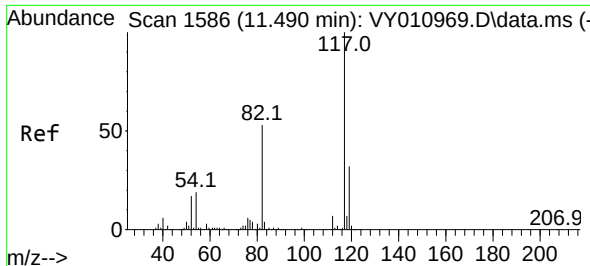
Tgt Ion: 98 Resp: 456032
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.215 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 95 Resp: 119680
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 80.4 0.0 175.8

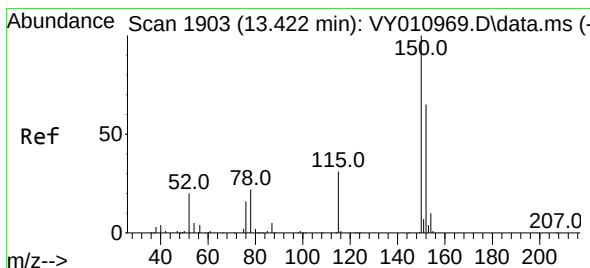
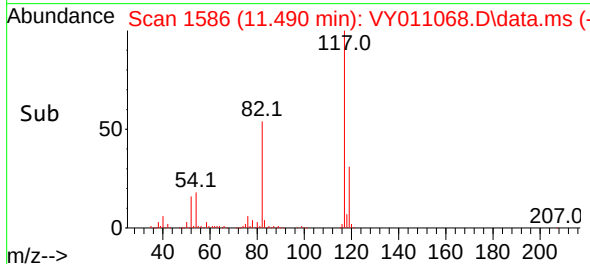
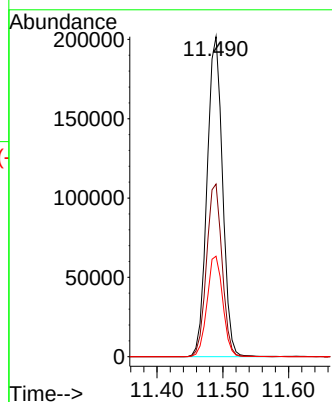
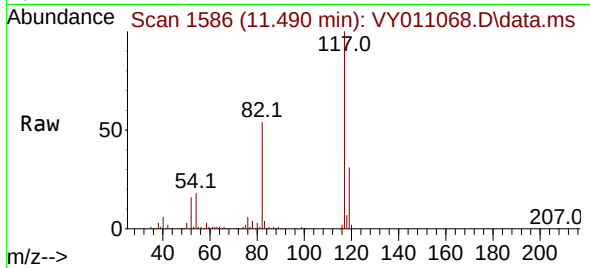




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122

Tgt Ion:117 Resp: 329930
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion:152 Resp: 110766
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.2 0.0 347.6

