

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010453.D
 Acq On : 13 Sep 2022 13:00
 Operator : KP/MD
 Sample : VY0913SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBL01

Quant Time: Sep 14 05:40:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120352	59.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.100%
35) Dibromofluoromethane	7.710	113	114685	49.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.173	98	413799	54.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.477	95	144230	47.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.800%

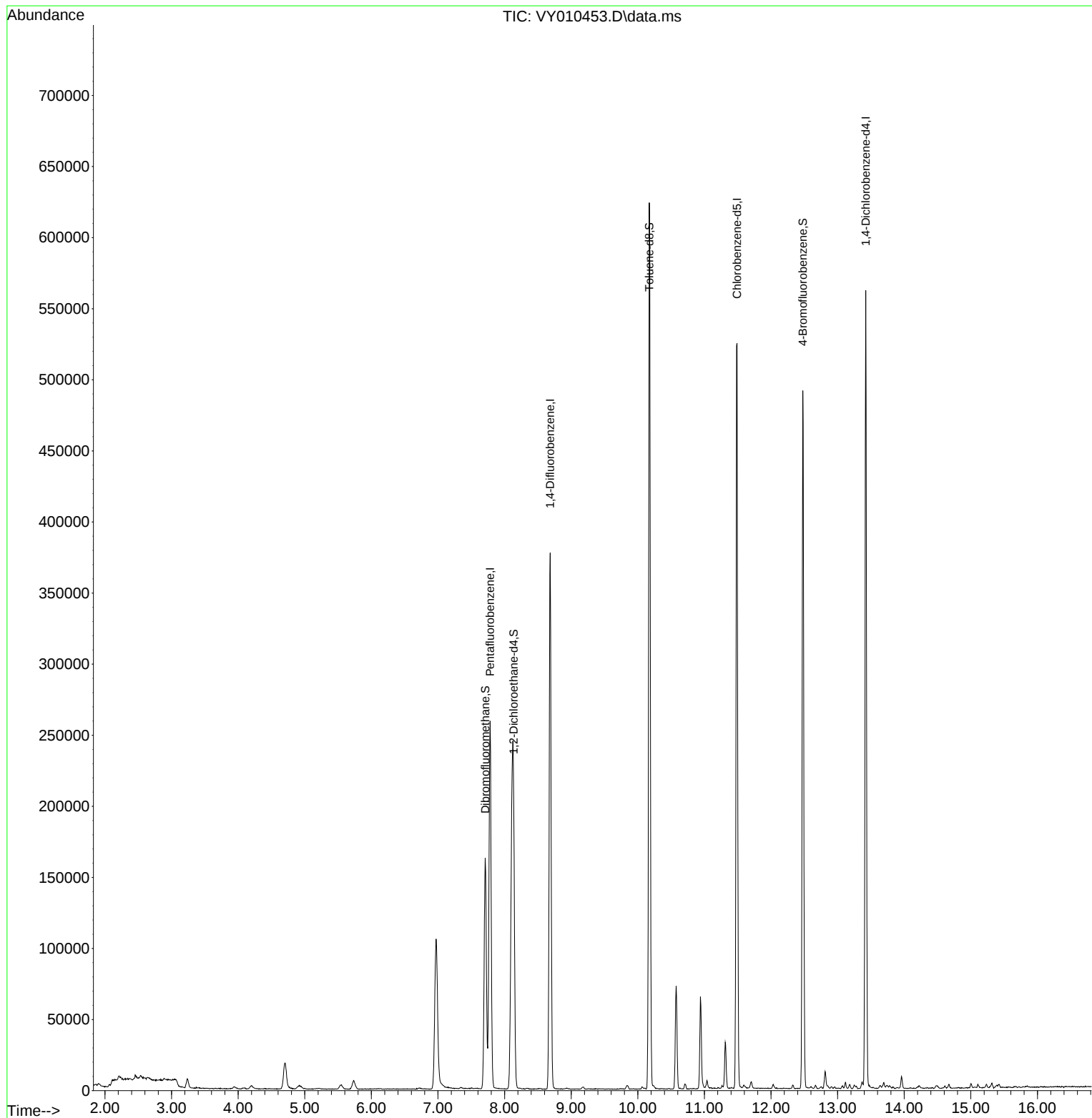
Target Compounds	Qvalue

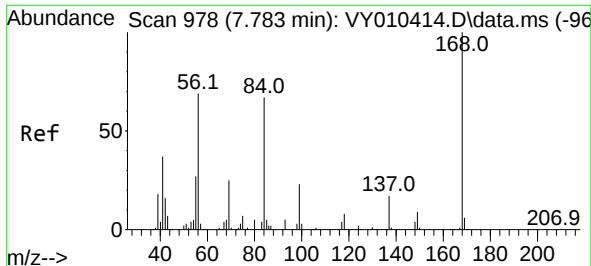
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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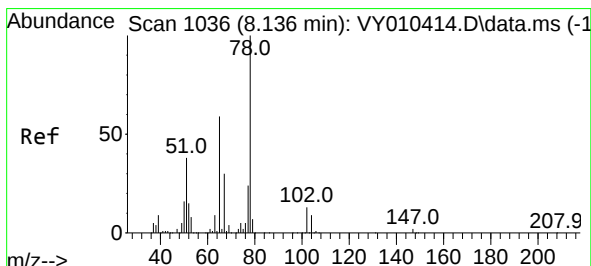
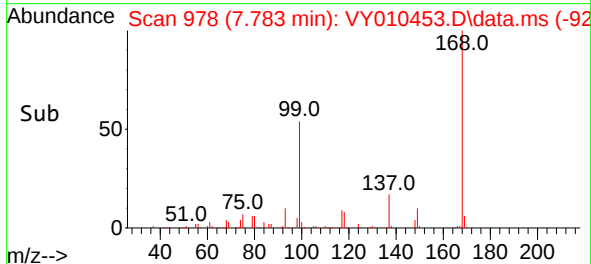
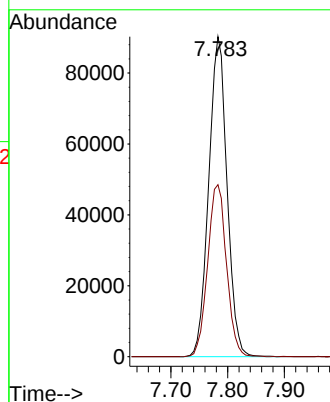
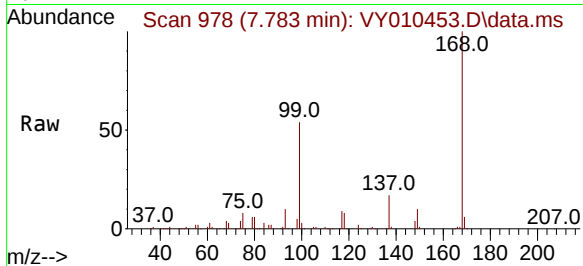




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

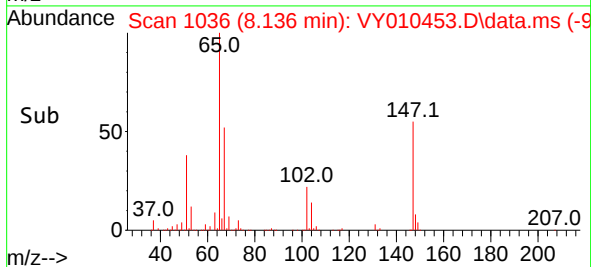
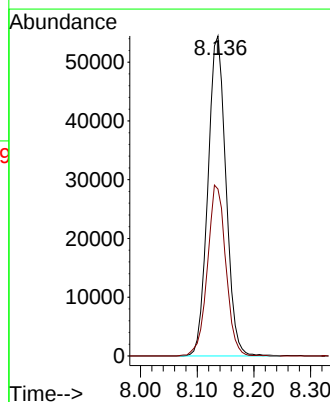
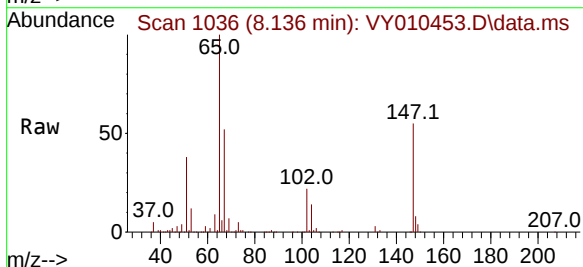
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

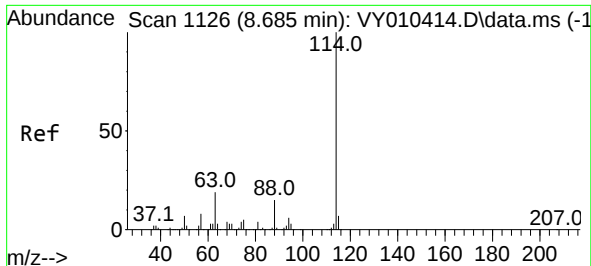
Tgt Ion:168 Resp: 202362
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.051 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 65 Resp: 120352
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4

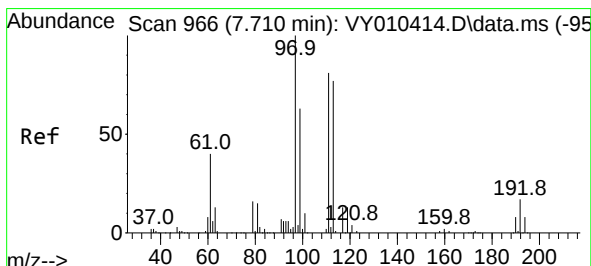
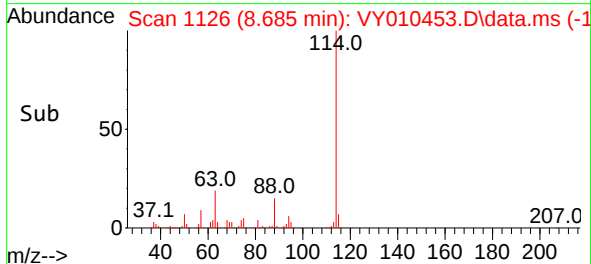
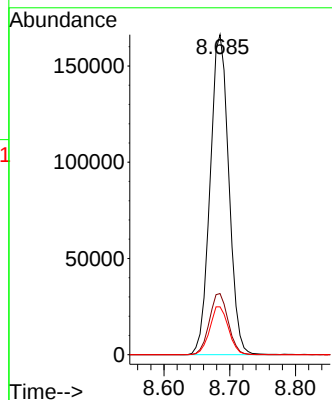
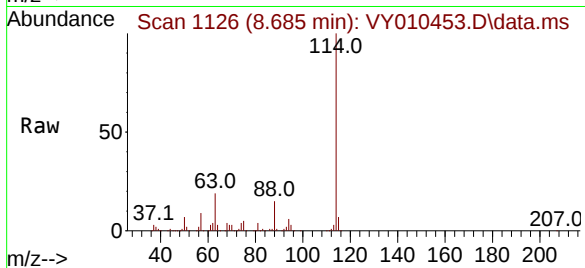




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

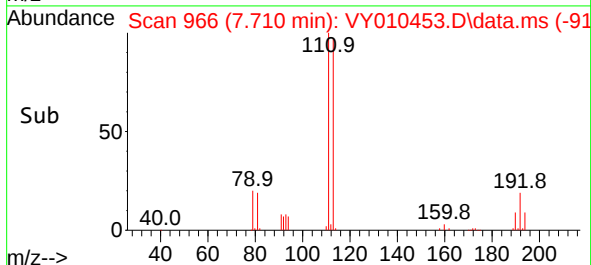
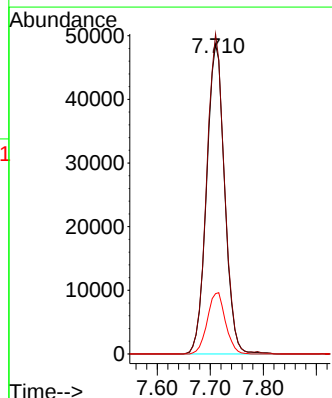
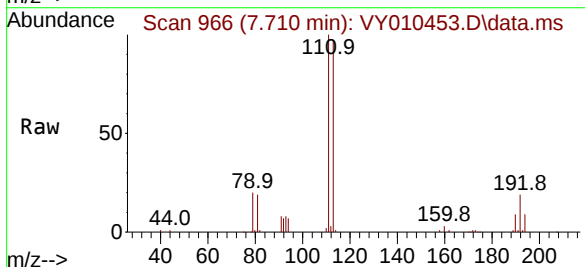
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

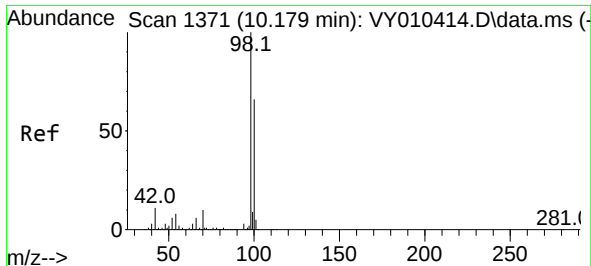
Tgt Ion:	114	Resp:	328263
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.193 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion:	113	Resp:	114685
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	19.9	17.6	26.4

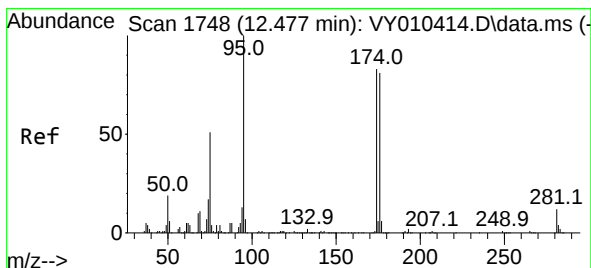
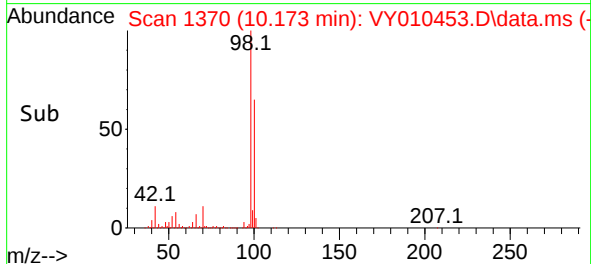
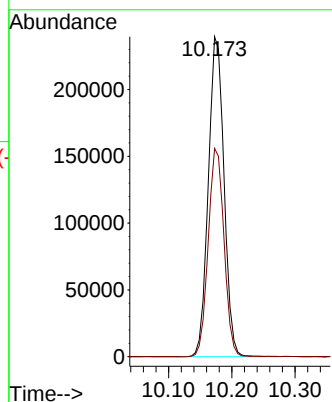
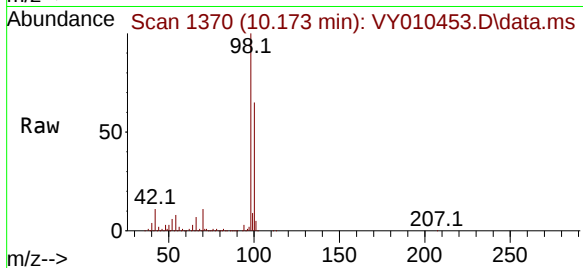




#50
Toluene-d8
Concen: 54.766 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

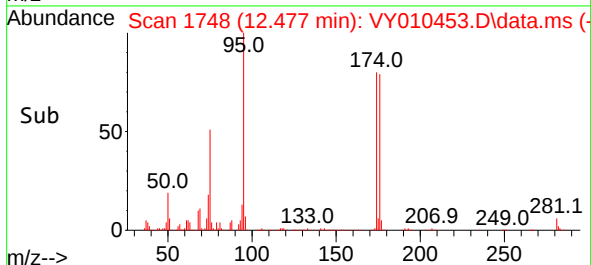
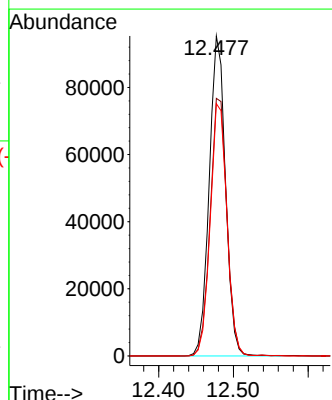
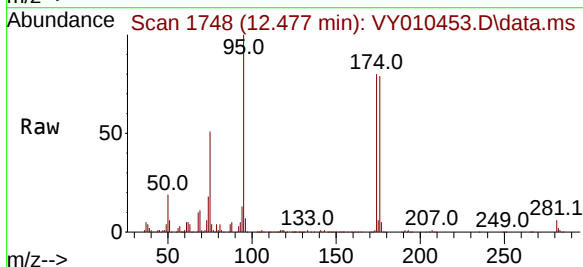
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

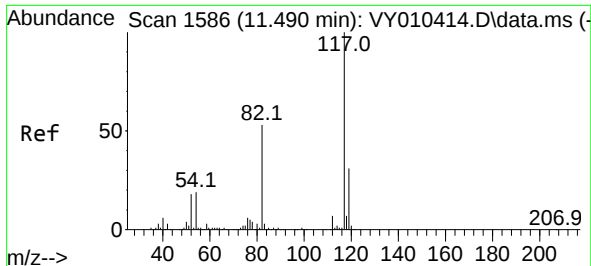
Tgt Ion: 98 Resp: 413799
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.899 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 95 Resp: 144230
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.6 0.0 175.8

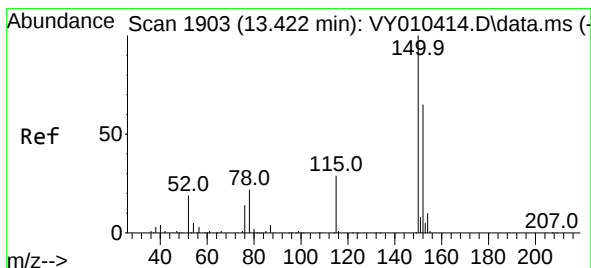
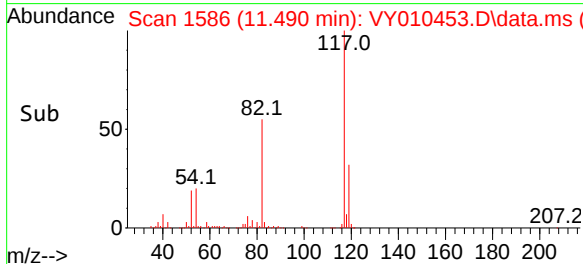
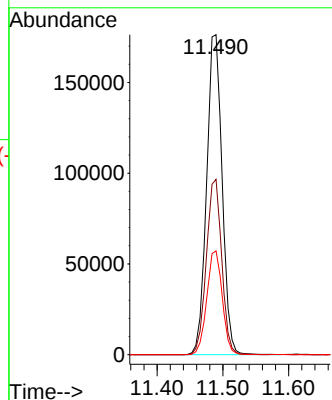
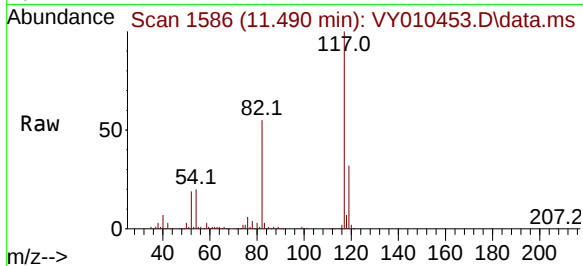




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

Tgt Ion:117 Resp: 288872
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.5 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: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion:152 Resp: 142249
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 155.8 0.0 347.6

