

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010257.D
 Acq On : 31 Aug 2022 19:48
 Operator : KP/MD
 Sample : N4443-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-083022

Quant Time: Aug 31 23:42:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	156802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84644	63.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.860%
35) Dibromofluoromethane	7.709	113	83600	55.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.840%
50) Toluene-d8	10.178	98	301786	54.380	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.483	95	105481	51.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.020%

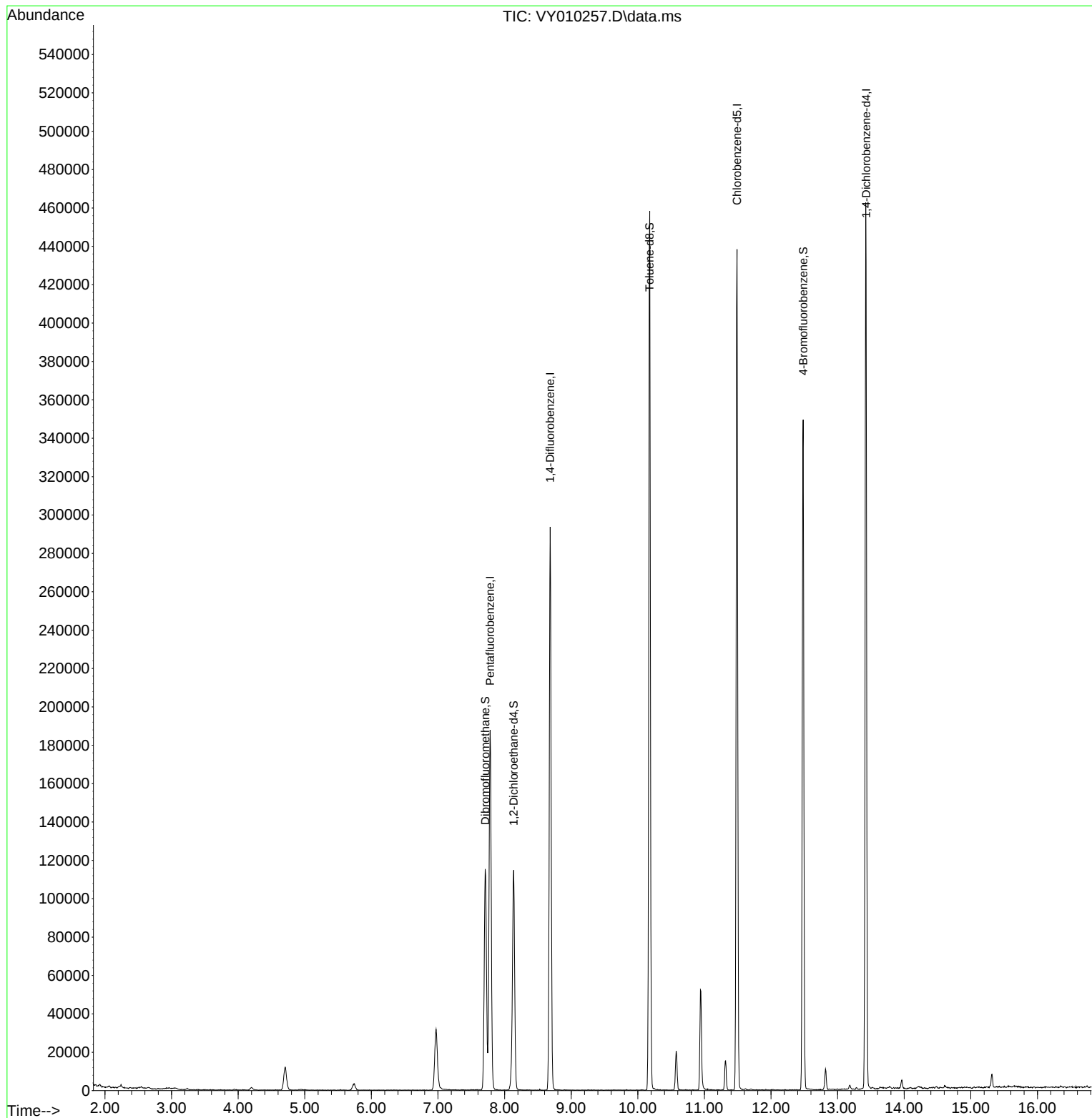
Target Compounds	Qvalue

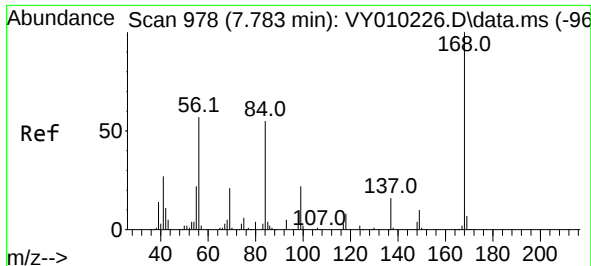
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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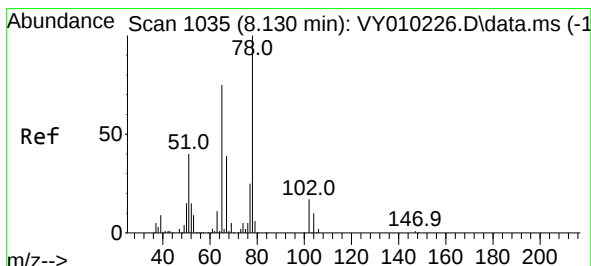
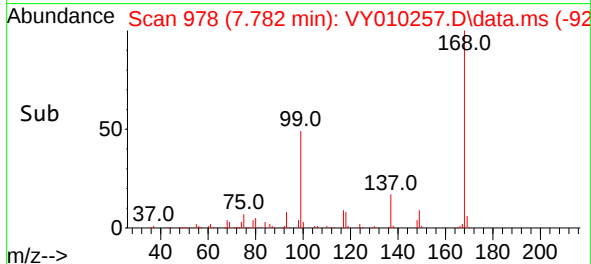
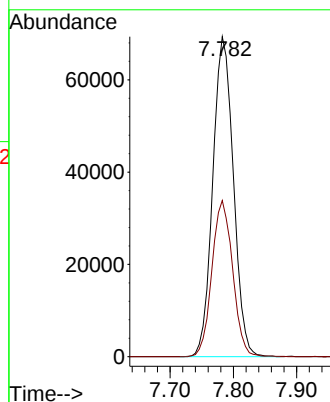
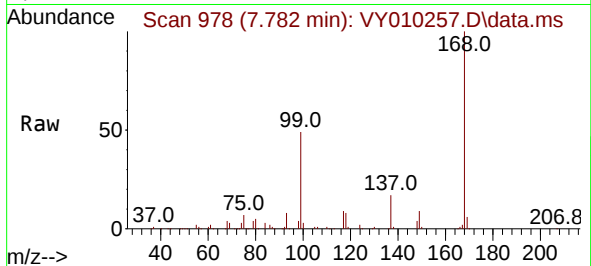




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

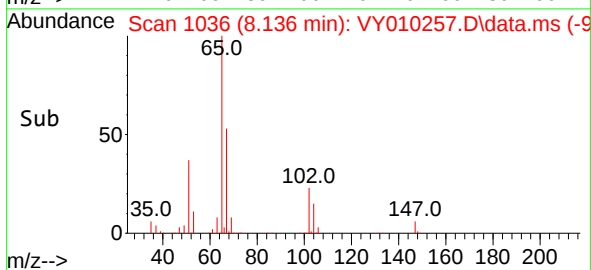
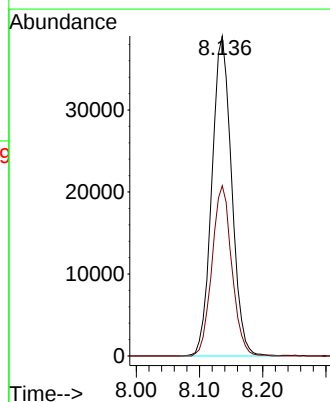
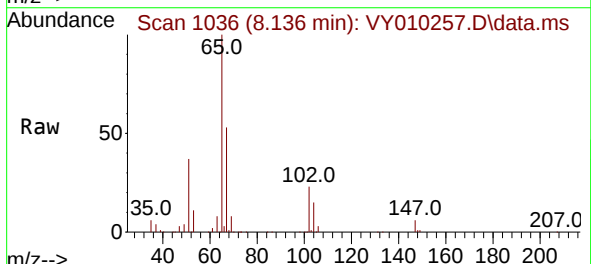
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

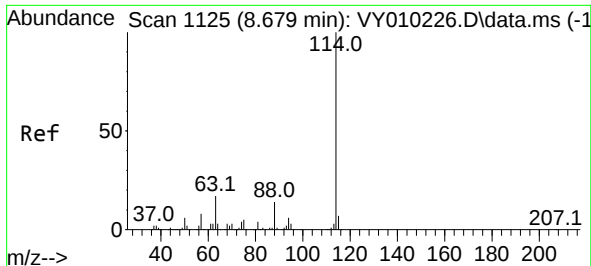
Tgt Ion:168 Resp: 156802
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.930 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion: 65 Resp: 84644
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

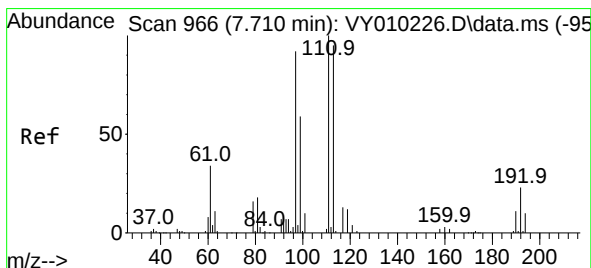
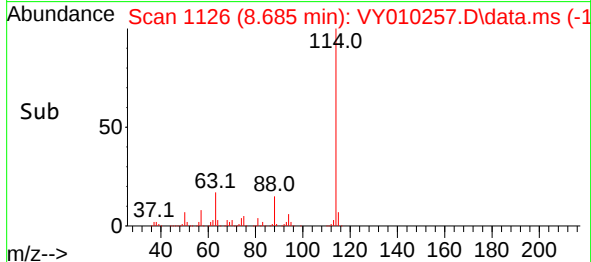
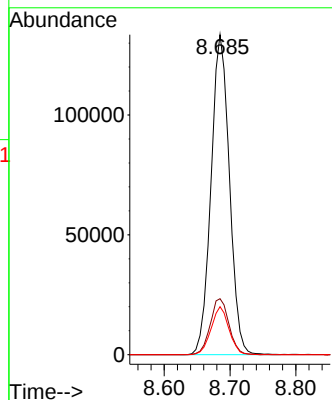
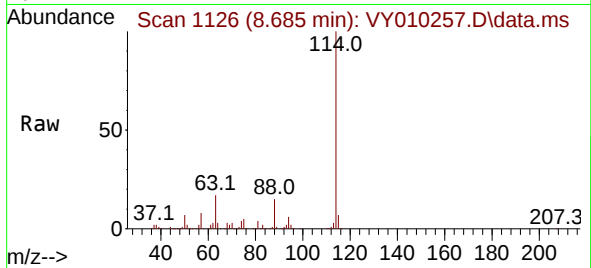




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

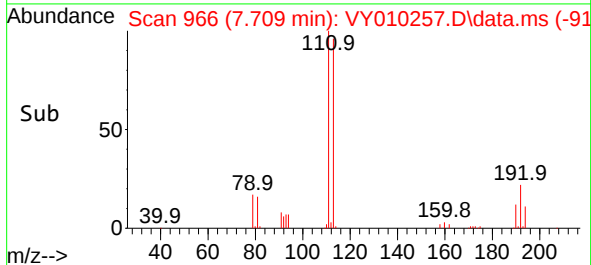
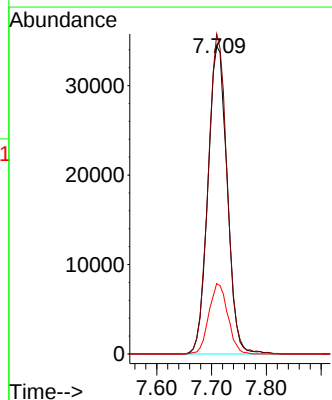
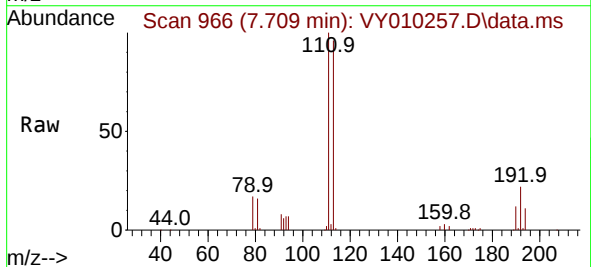
Instrument :
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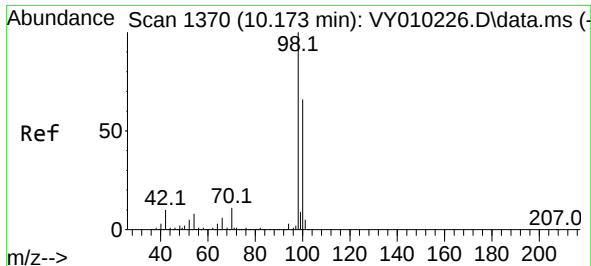
Tgt Ion:114 Resp: 259540
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.925 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion:113 Resp: 83600
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.4 17.6 26.4

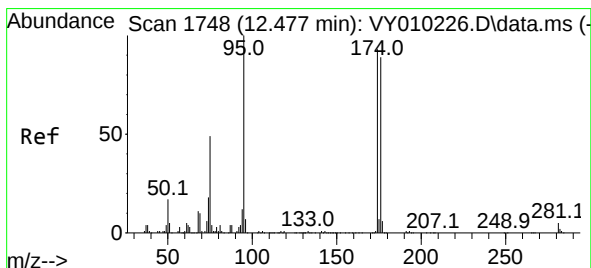
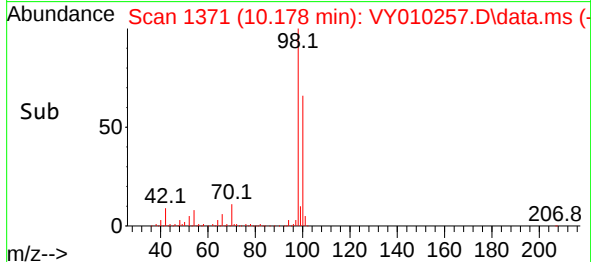
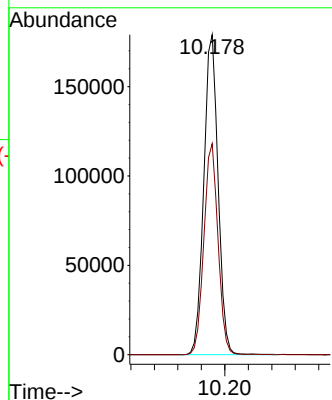
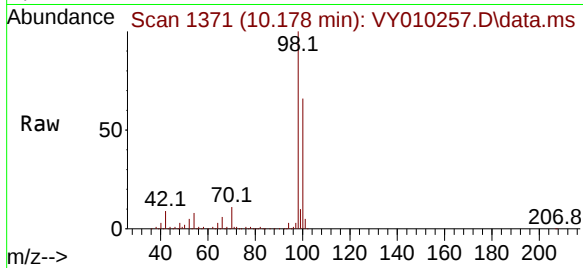




#50
Toluene-d8
Concen: 54.380 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

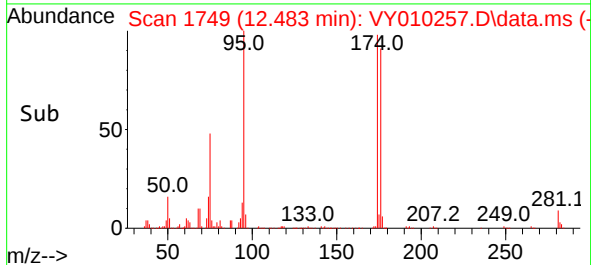
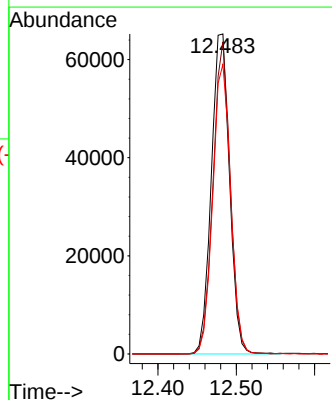
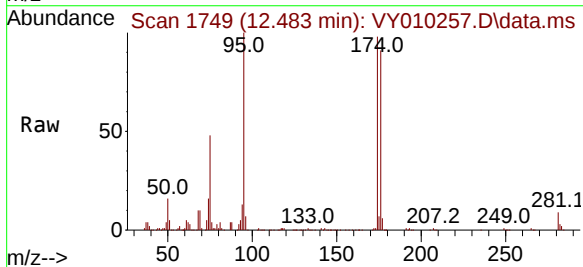
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

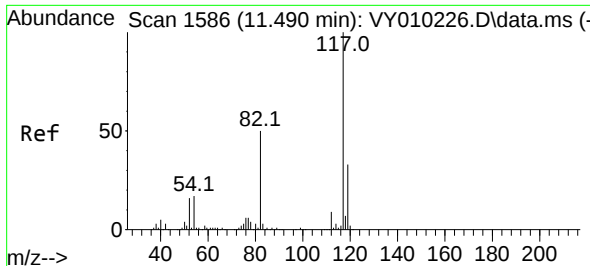
Tgt Ion: 98 Resp: 301786
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion: 95 Resp: 105481
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 88.8 0.0 175.8

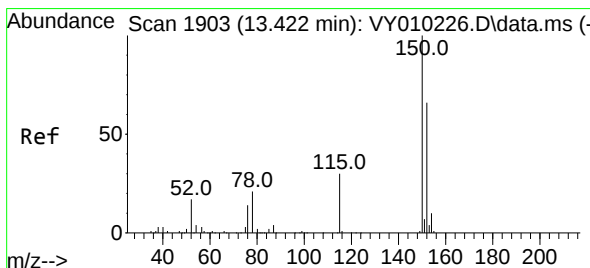
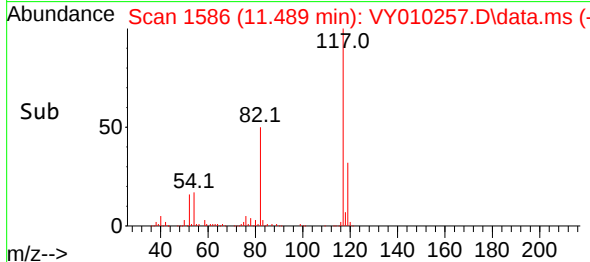
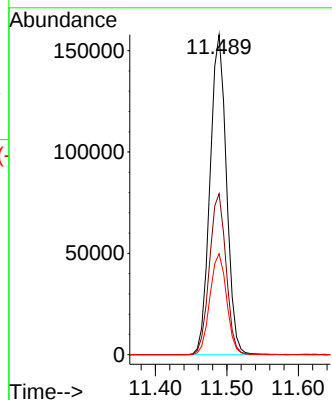
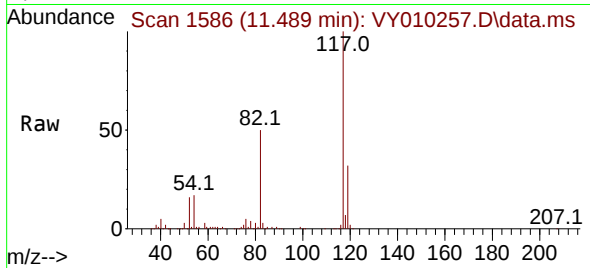




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

Tgt Ion:117 Resp: 252037
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion:152 Resp: 124772
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 156.8 0.0 347.6

