

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008986.D
 Acq On : 22 May 2022 06:58
 Operator : KP/MD
 Sample : N2887-19
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-1218-01

Quant Time: May 23 02:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79281	66.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.920%
35) Dibromofluoromethane	7.716	113	68124	51.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.179	98	266143	55.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.040%
62) 4-Bromofluorobenzene	12.483	95	77584	39.761	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.520%

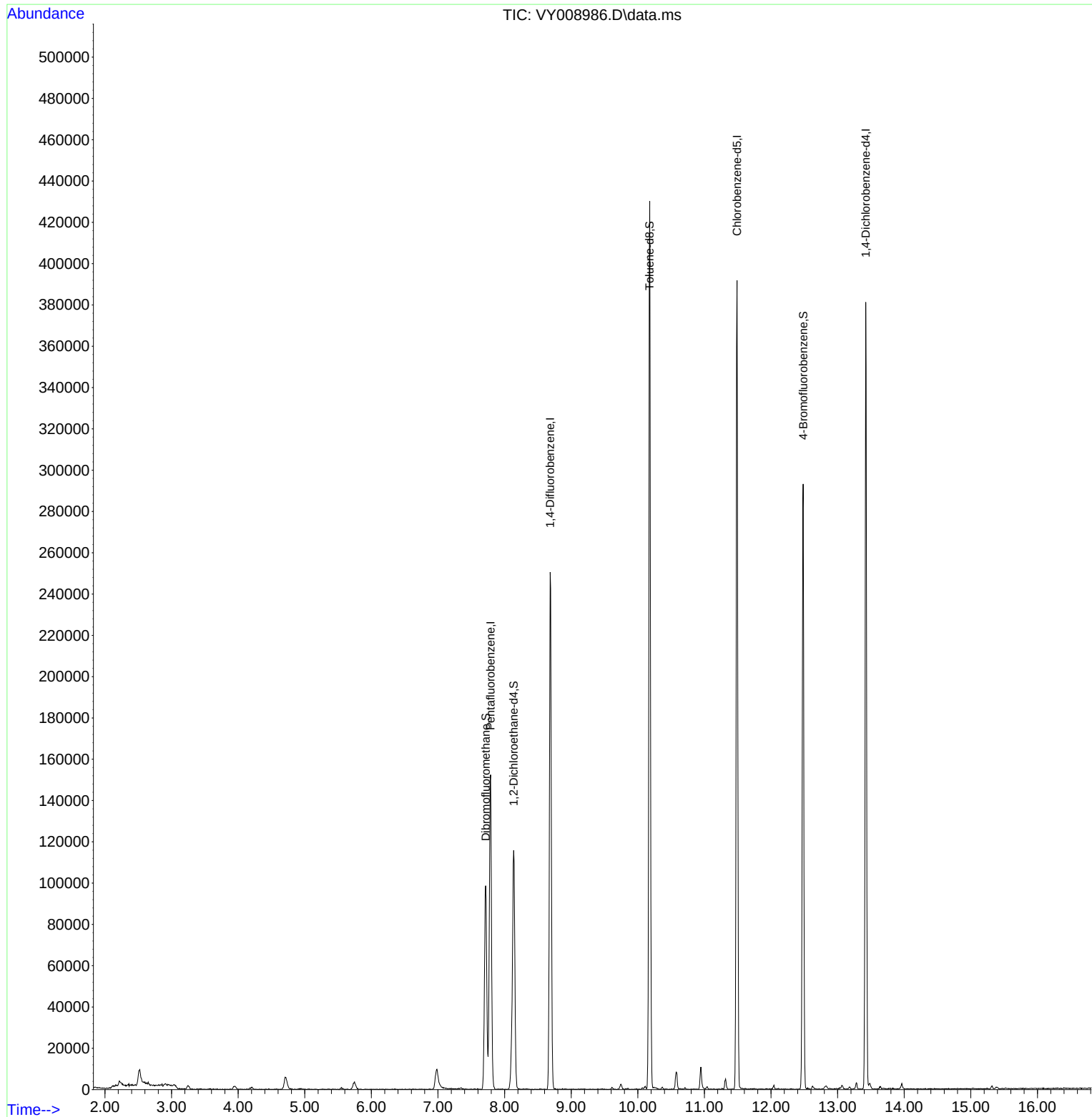
Target Compounds	Qvalue

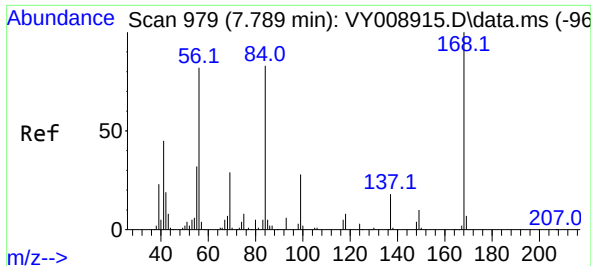
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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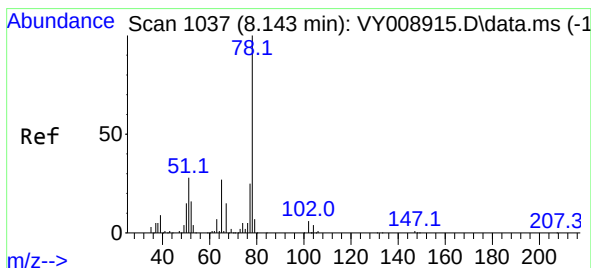
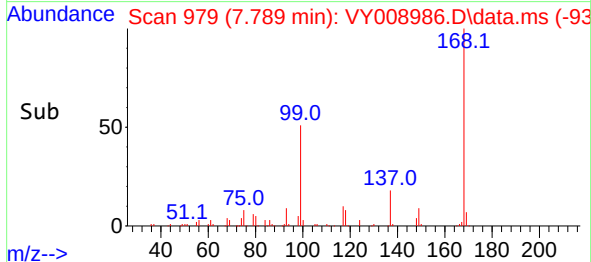
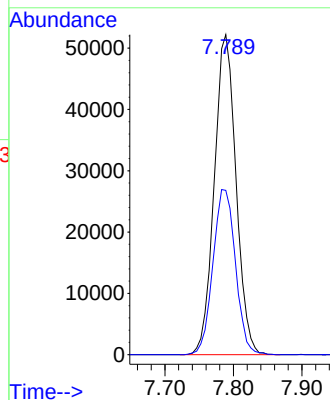
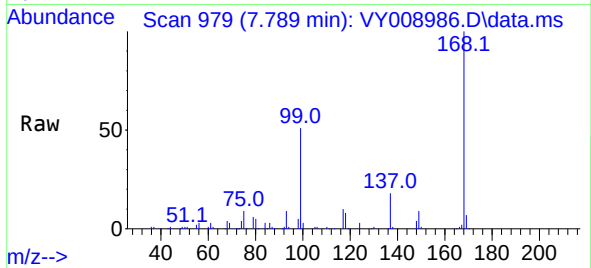




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

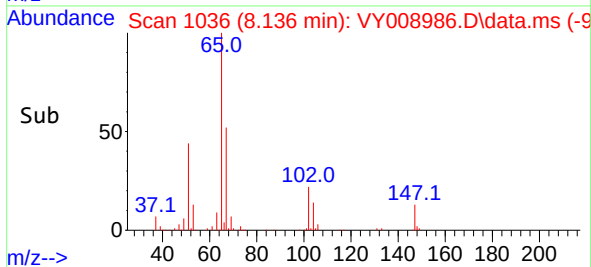
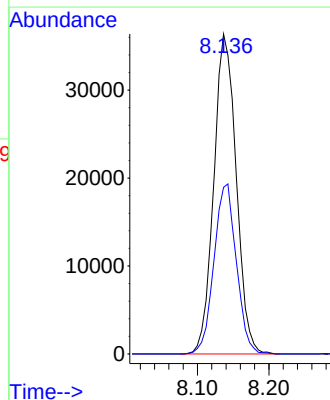
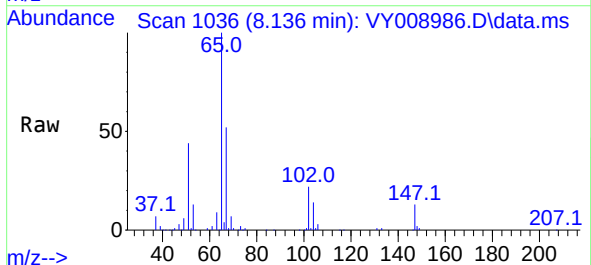
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-1218-01

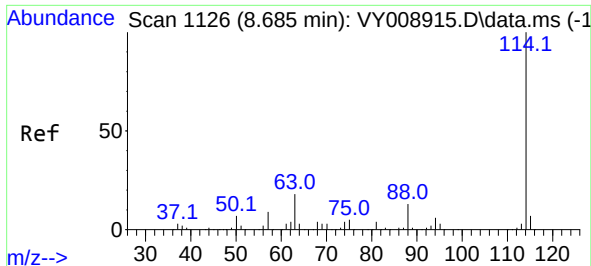
Tgt Ion:168 Resp: 115051
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.955 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

Tgt Ion: 65 Resp: 79281
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

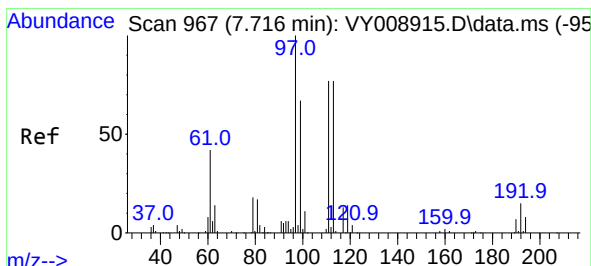
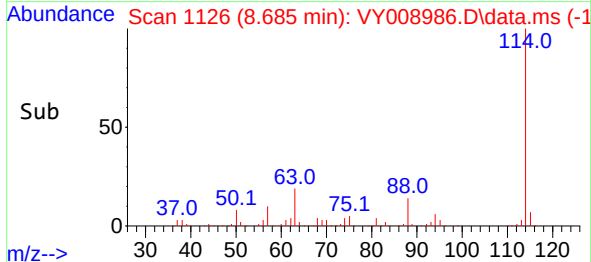
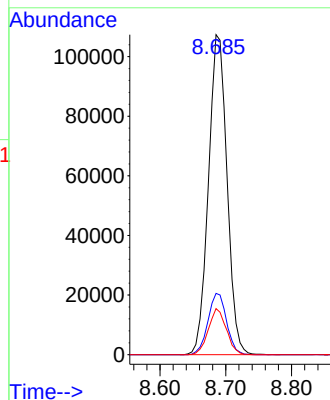
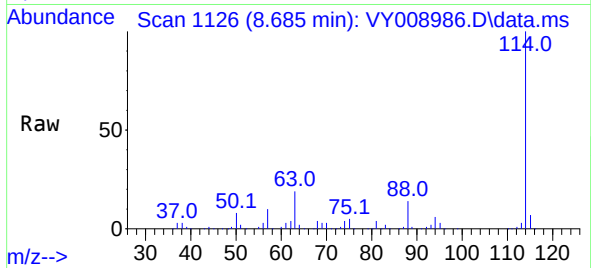




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

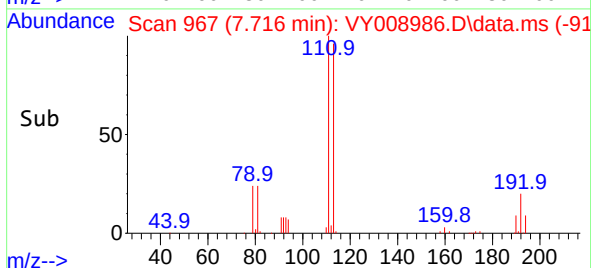
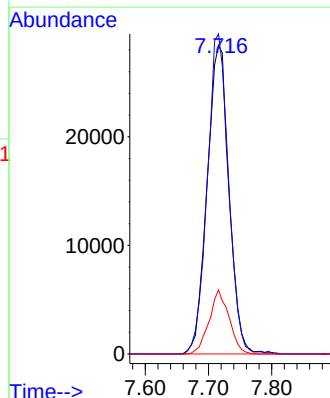
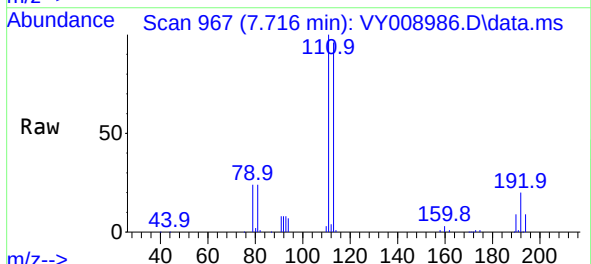
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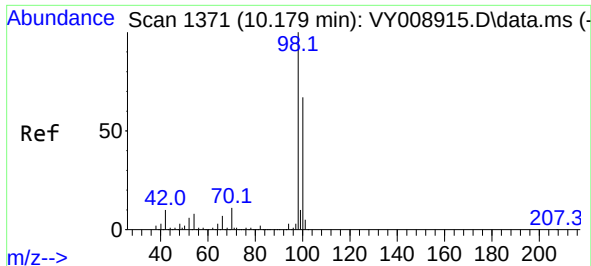
Tgt Ion:	114	Resp:	210854
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	14.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 51.956 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

Tgt Ion:	113	Resp:	68124
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	18.9	17.6	26.4

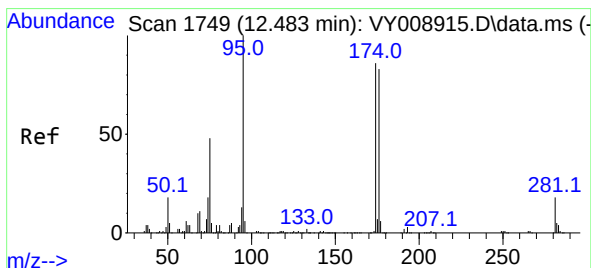
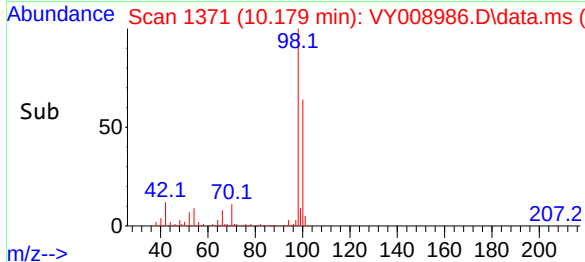
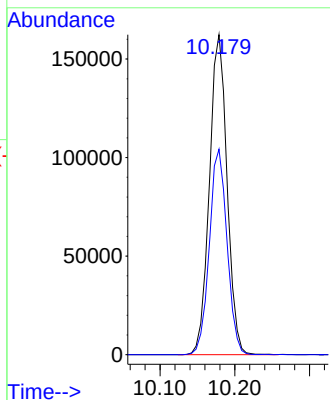
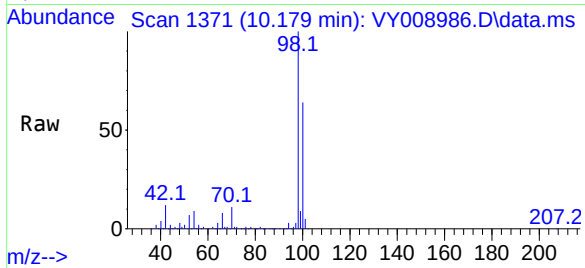




#50
Toluene-d8
Concen: 55.021 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

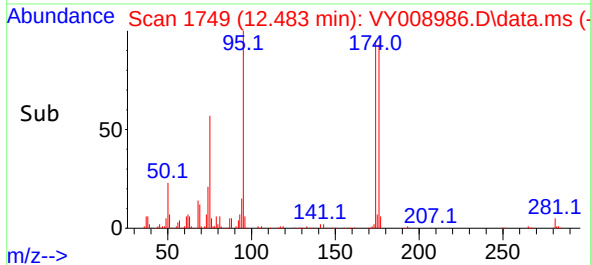
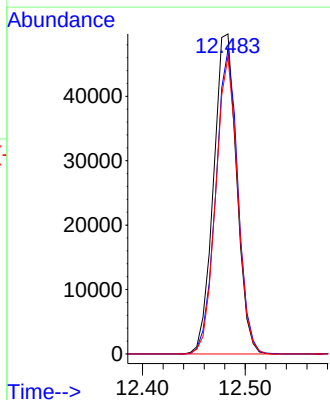
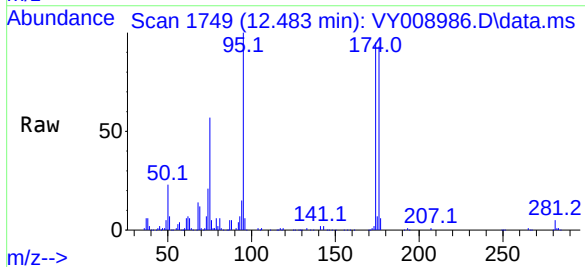
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-1218-01

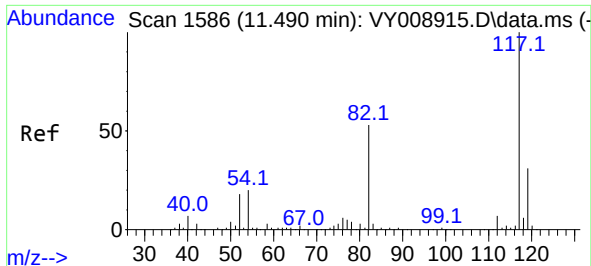
Tgt Ion: 98 Resp: 266143
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.761 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

Tgt Ion: 95 Resp: 77584
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 87.6 0.0 175.8

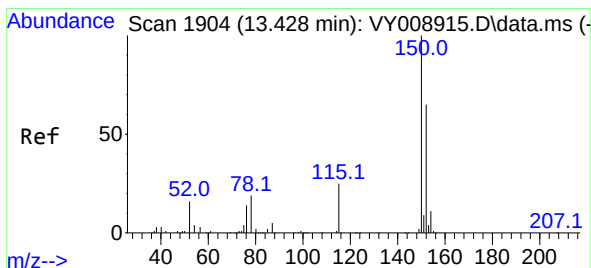
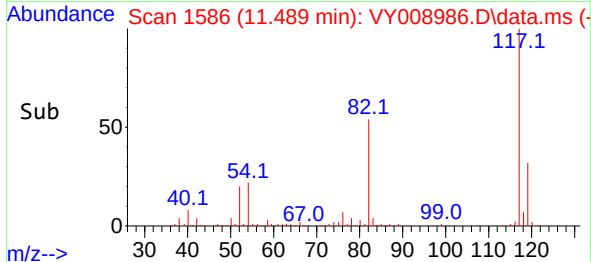
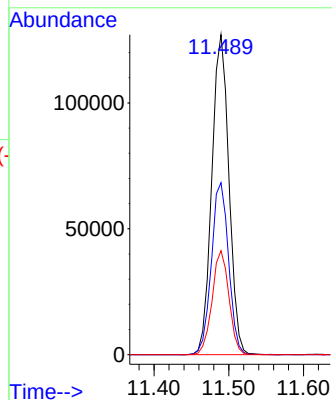
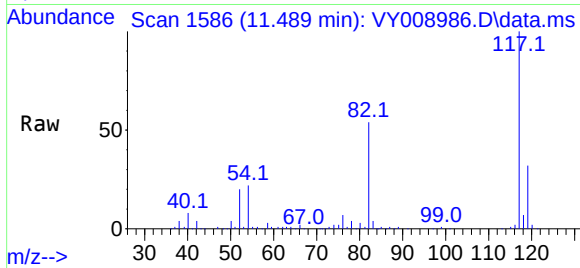




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-1218-01

Tgt Ion:117 Resp: 202682
Ion Ratio Lower Upper
117 100
82 53.8 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. -0.006 min
Lab File: VY008986.D
Acq: 22 May 2022 06:58

Tgt Ion:152 Resp: 88343
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 158.7 0.0 347.6

