

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010380.D
 Acq On : 07 Sep 2022 18:26
 Operator : KP/MD
 Sample : N4509-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_114D-20220902

Quant Time: Sep 08 04:14:22 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	222548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118013	51.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.440%
35) Dibromofluoromethane	7.716	113	114093	45.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.800%
50) Toluene-d8	10.179	98	443291	53.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.483	95	151077	44.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.300%

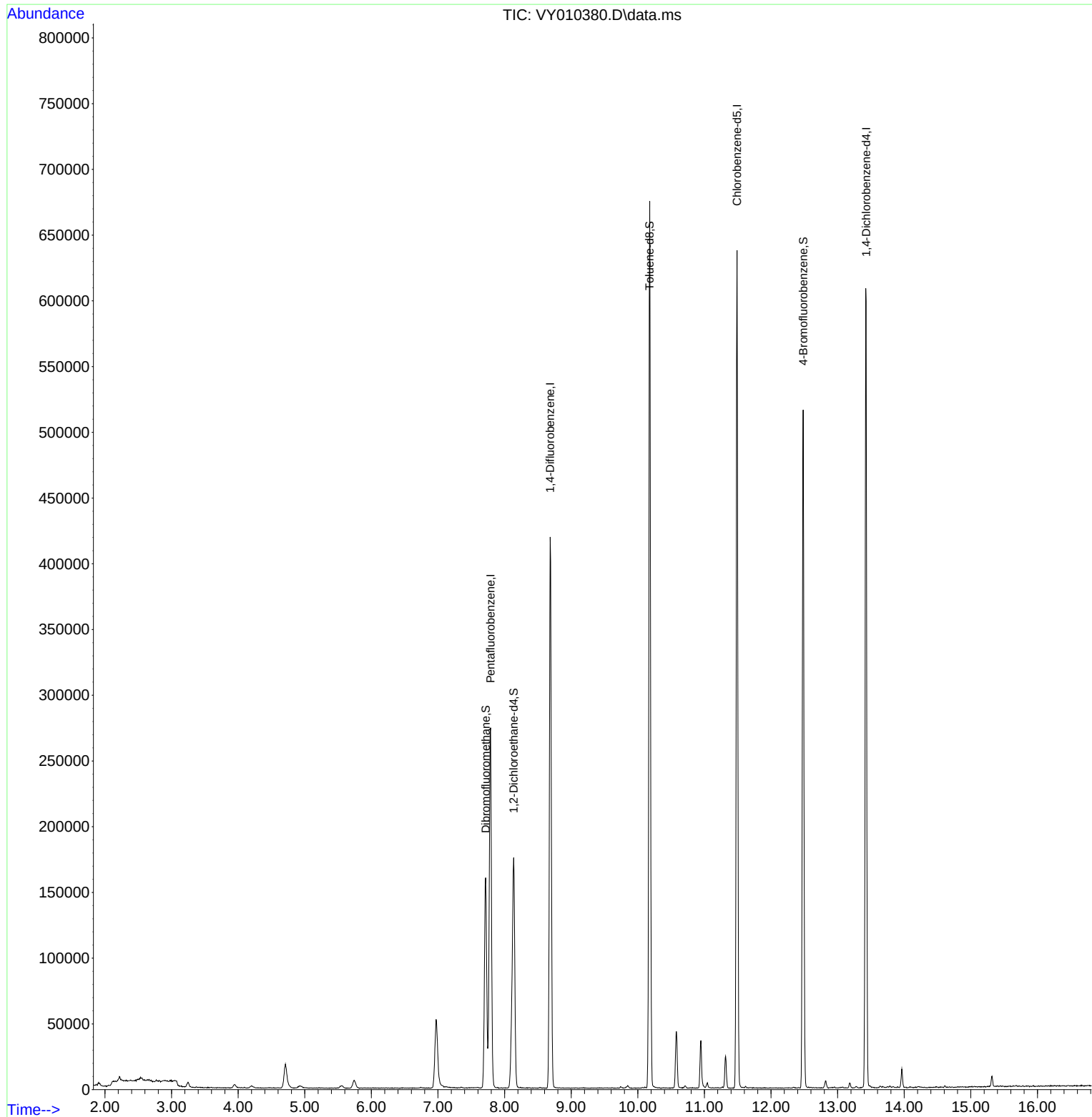
Target Compounds	Qvalue

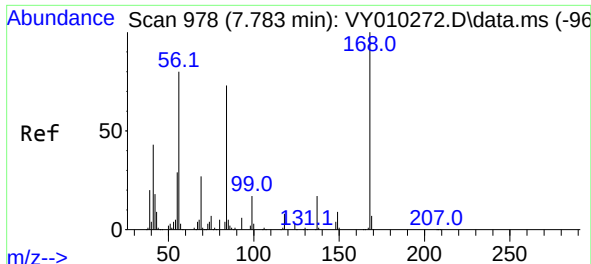
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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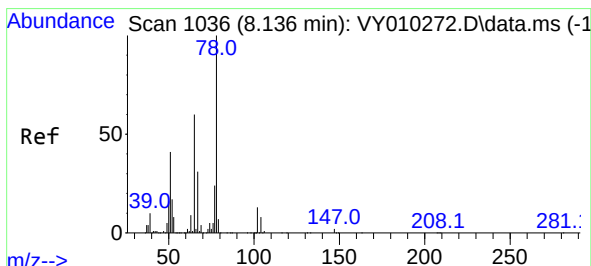
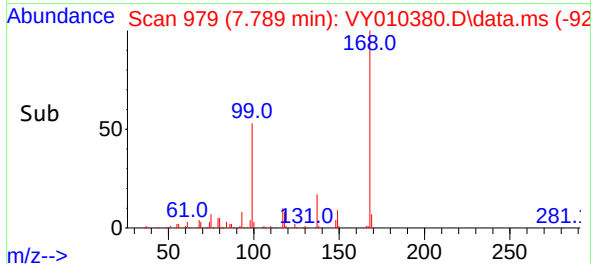
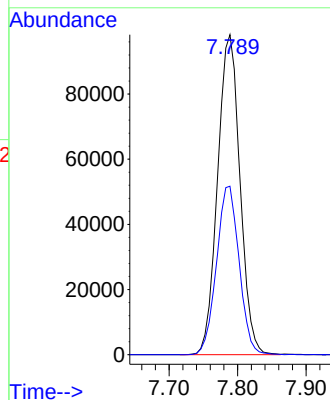
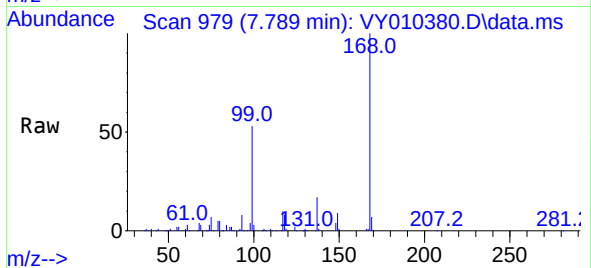




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

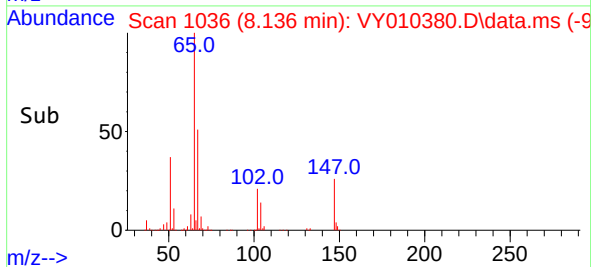
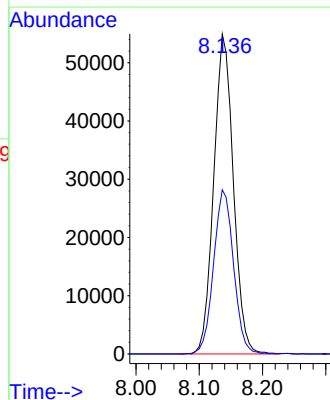
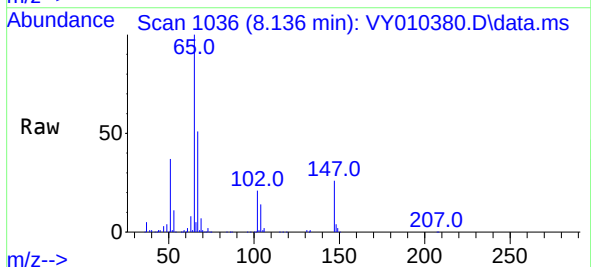
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

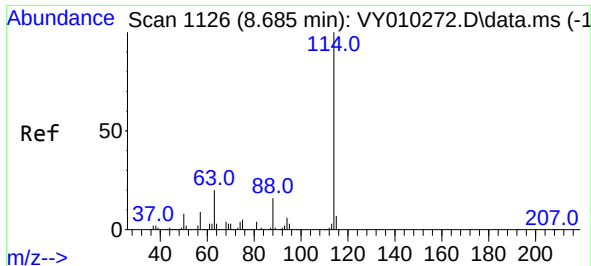
Tgt Ion:168 Resp: 222548
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.715 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 65 Resp: 118013
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



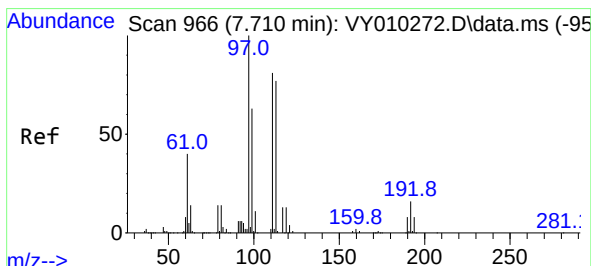
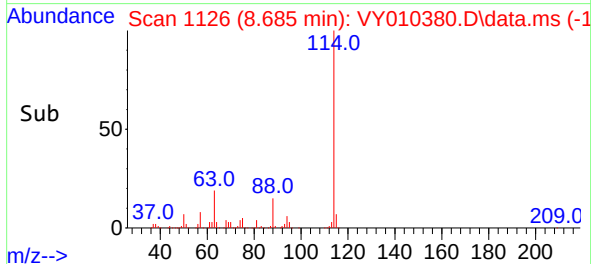
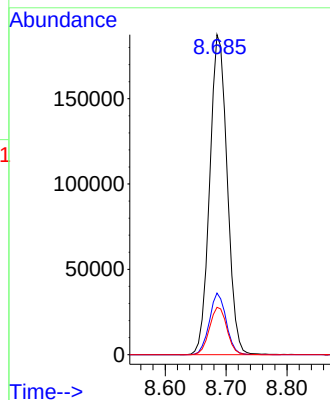
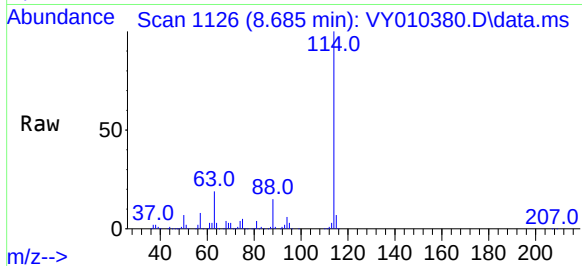


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

Tgt Ion:114 Resp: 373402

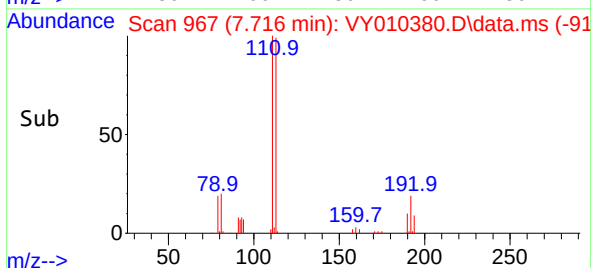
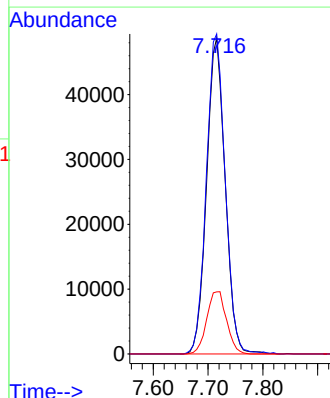
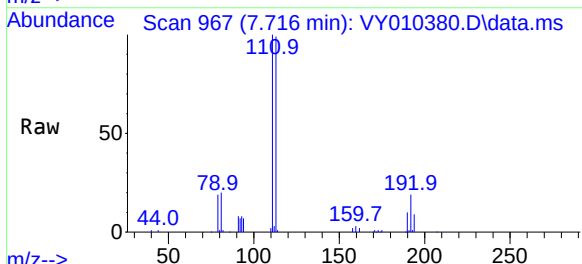
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	43.2
88	14.8	0.0	31.8

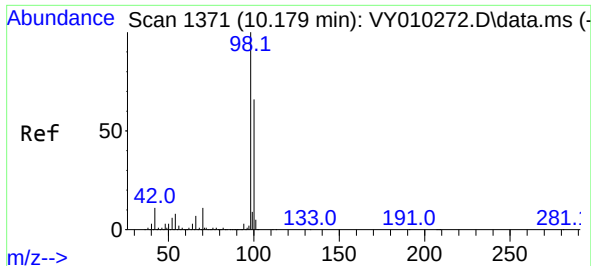


#35
Dibromofluoromethane
Concen: 45.898 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion:113 Resp: 114093

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	21.1	17.6	26.4

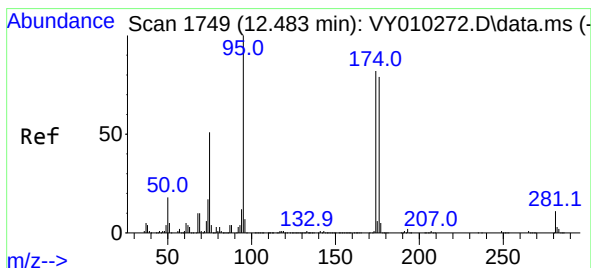
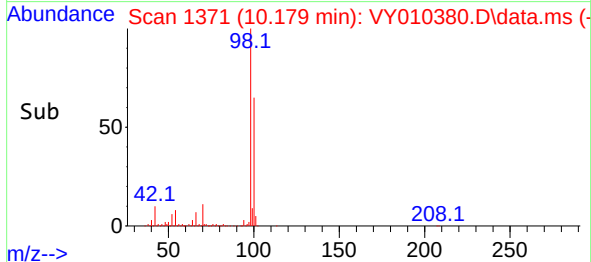
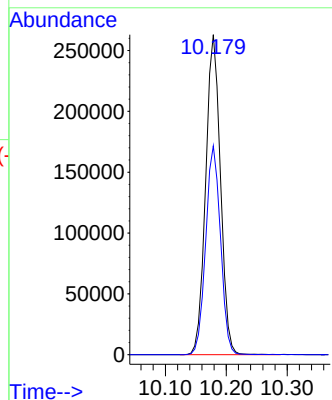
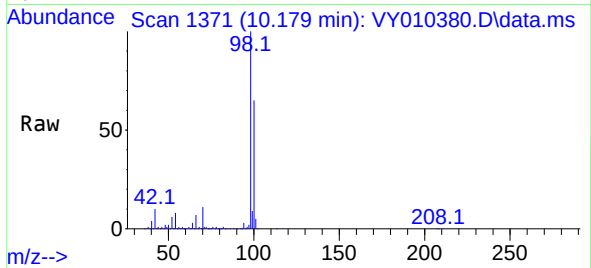




#50
Toluene-d8
Concen: 53.264 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

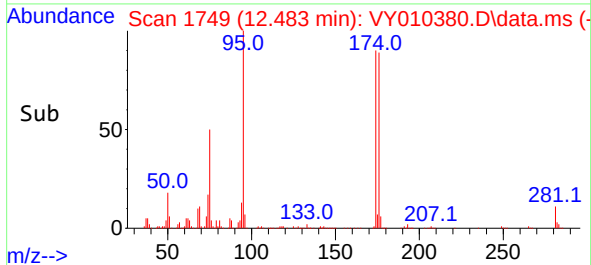
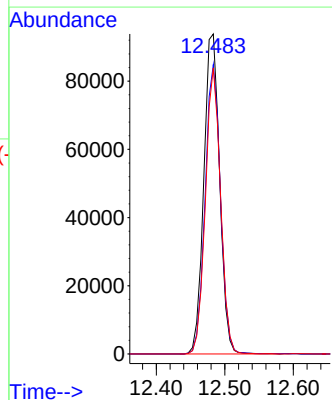
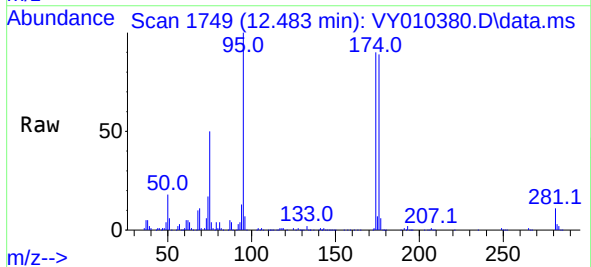
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

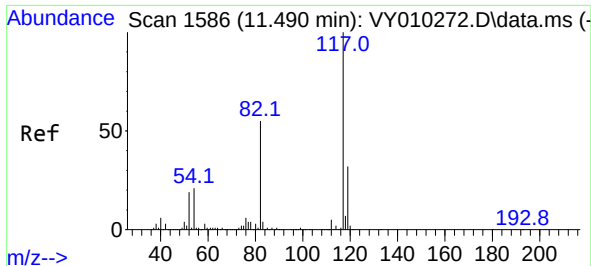
Tgt Ion: 98 Resp: 443291
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.652 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 95 Resp: 151077
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 85.5 0.0 175.8

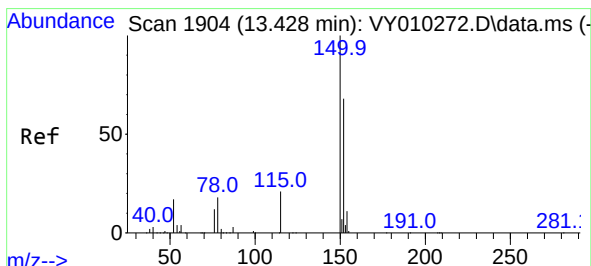
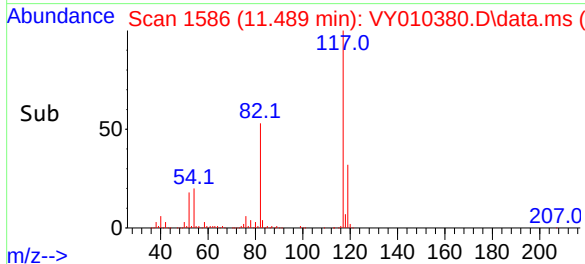
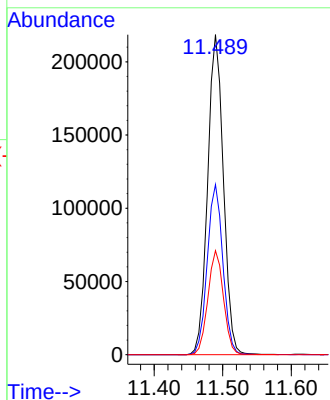
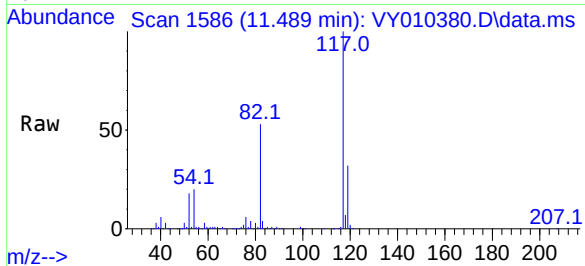




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

Tgt Ion:117 Resp: 349292
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion:152 Resp: 163858
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.4 0.0 347.6

