

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010379.D
 Acq On : 07 Sep 2022 18:03
 Operator : KP/MD
 Sample : N4509-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_113D-20220902

Quant Time: Sep 08 04:14:01 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	225757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123757	53.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.920%
35) Dibromofluoromethane	7.716	113	115288	46.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.600%
50) Toluene-d8	10.179	98	445321	53.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.840%
62) 4-Bromofluorobenzene	12.483	95	153497	45.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.780%

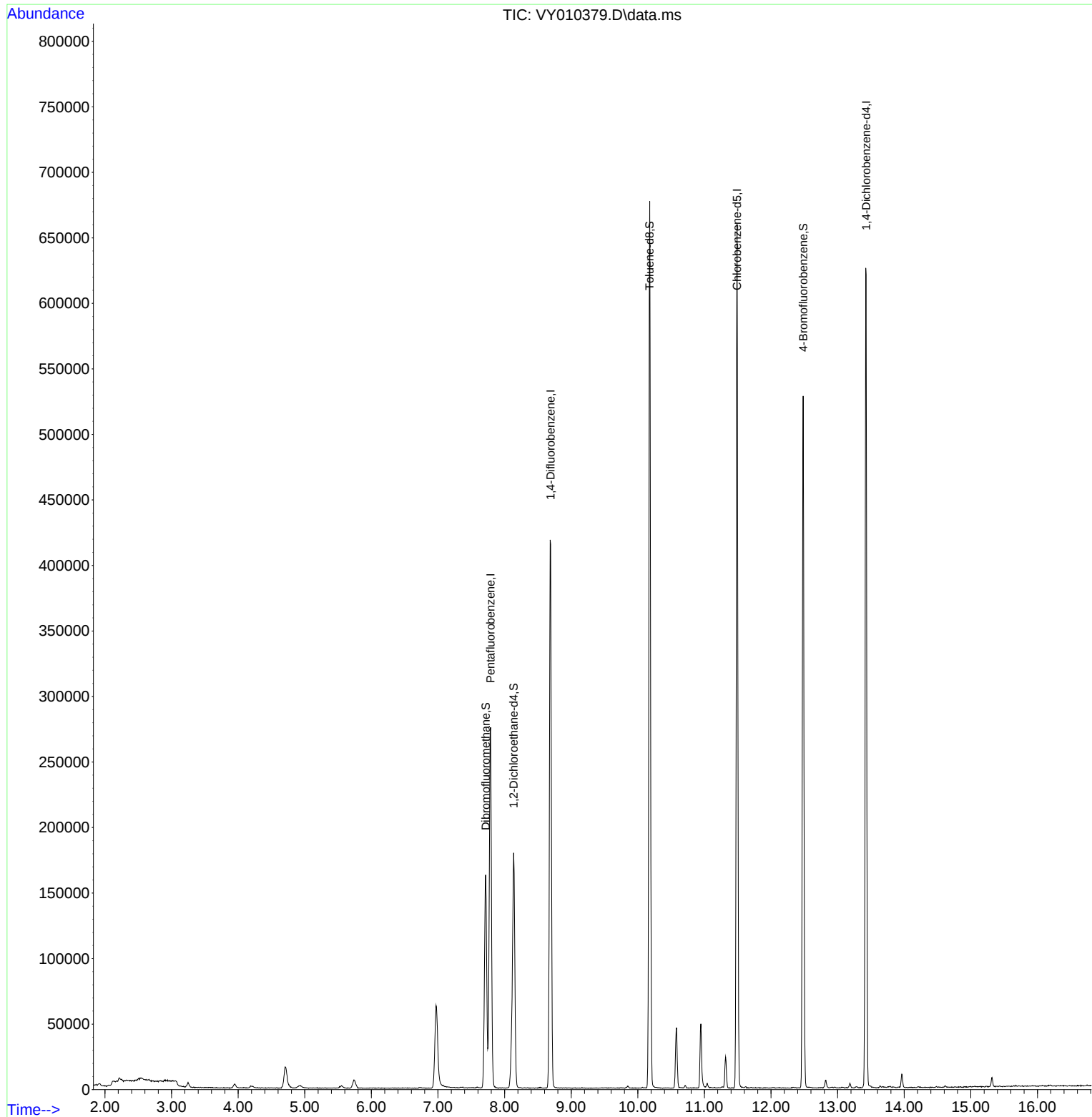
Target Compounds	Qvalue

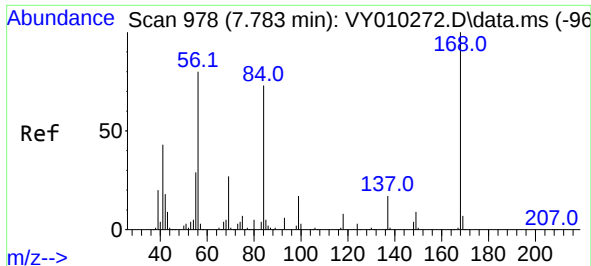
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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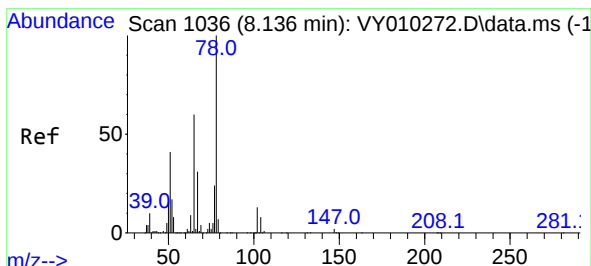
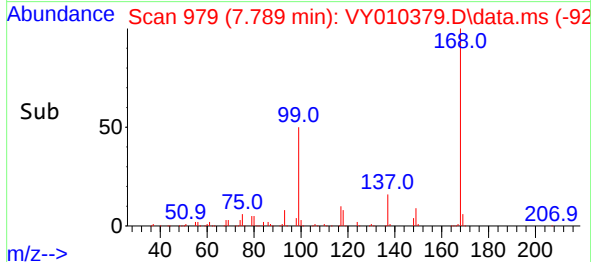
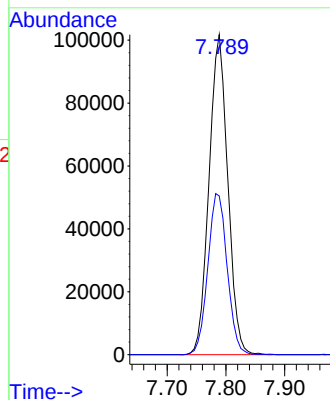
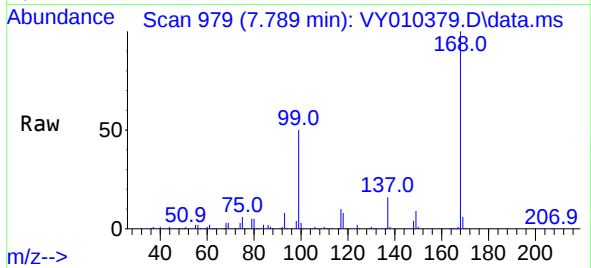




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010379.D
Acq: 07 Sep 2022 18:03

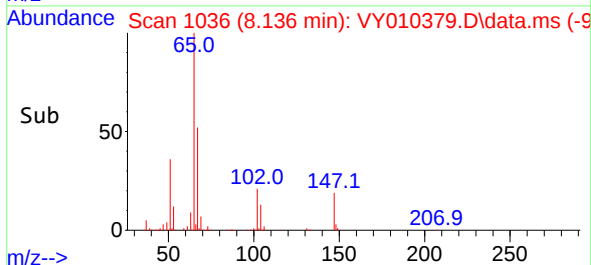
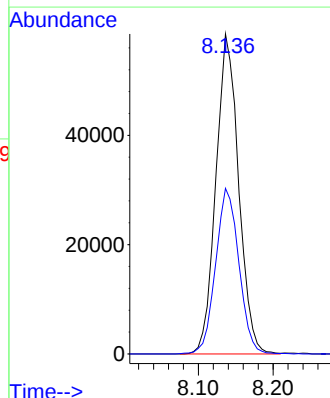
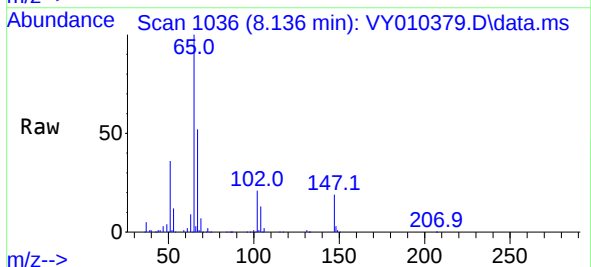
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_113D-20220902

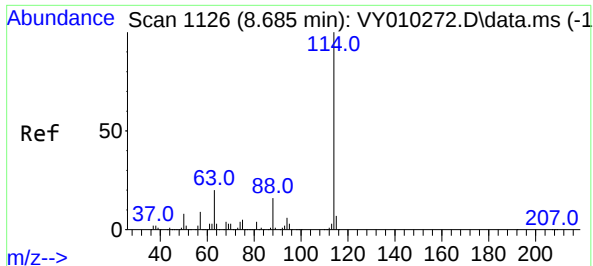
Tgt Ion:168 Resp: 225757
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.461 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010379.D
Acq: 07 Sep 2022 18:03

Tgt Ion: 65 Resp: 123757
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010379.D

Acq: 07 Sep 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_113D-20220902

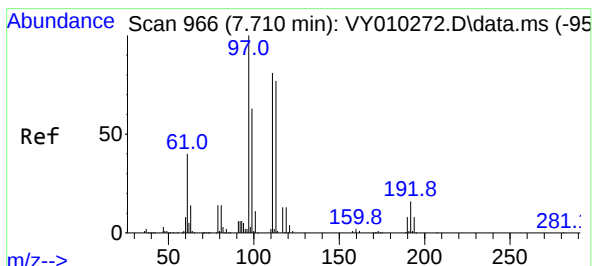
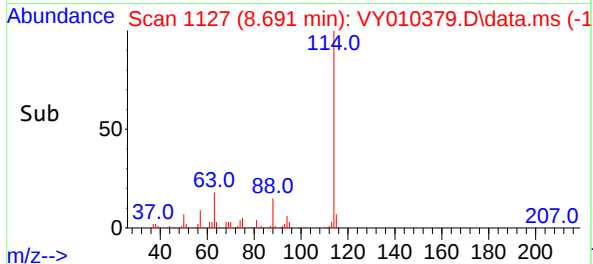
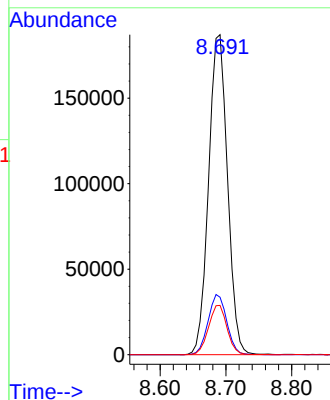
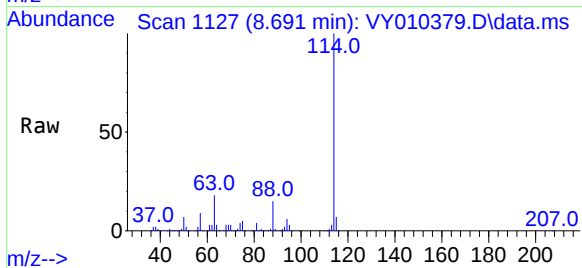
Tgt Ion:114 Resp: 374037

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.300 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010379.D

Acq: 07 Sep 2022 18:03

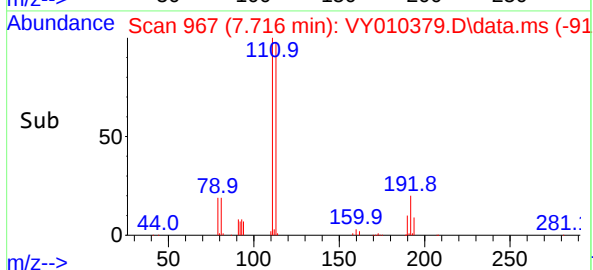
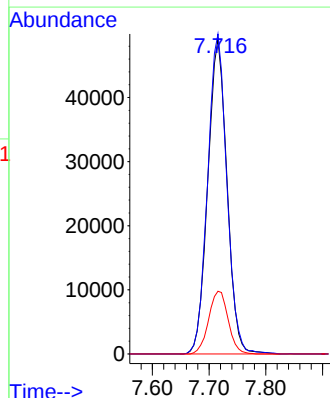
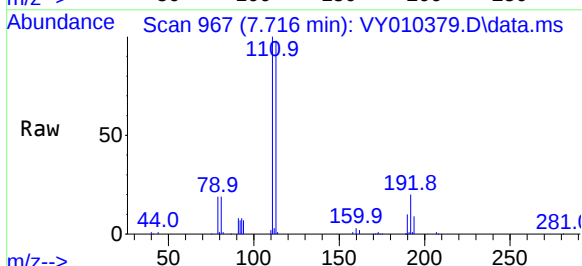
Tgt Ion:113 Resp: 115288

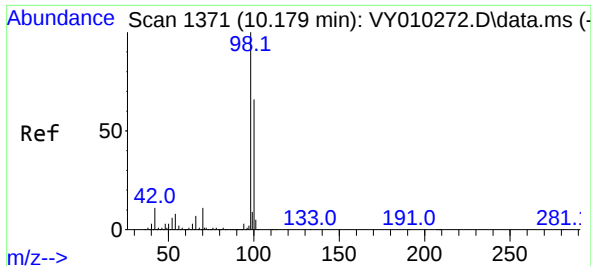
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.3 17.6 26.4

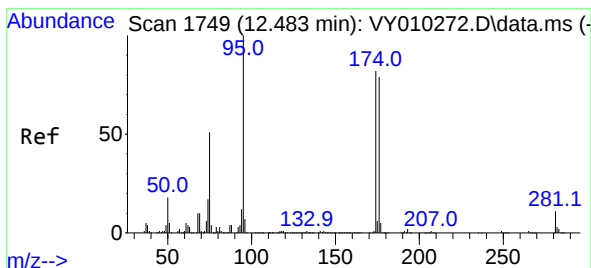
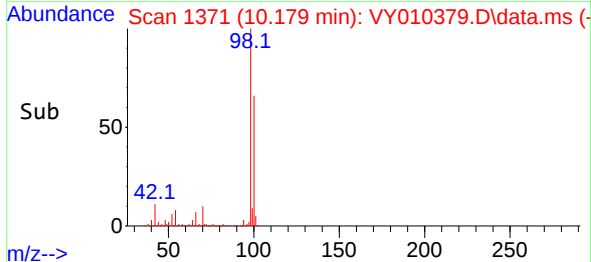
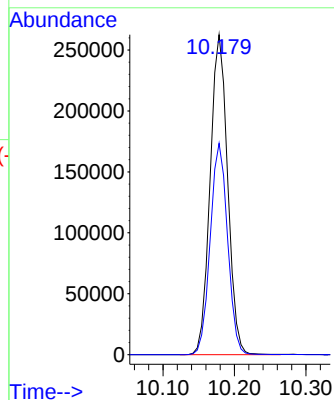
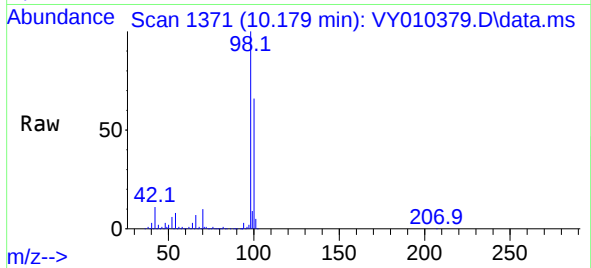




#50
Toluene-d8
Concen: 53.417 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010379.D
Acq: 07 Sep 2022 18:03

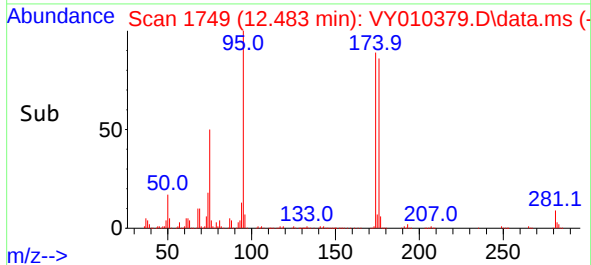
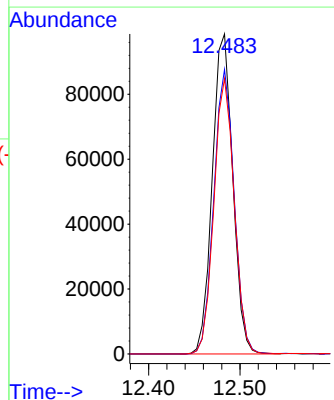
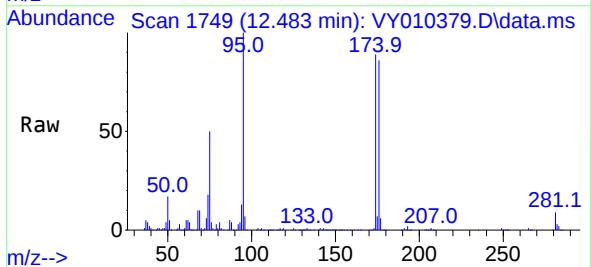
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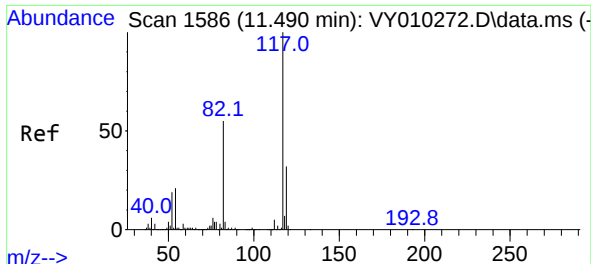
Tgt Ion: 98 Resp: 445321
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.394 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010379.D
Acq: 07 Sep 2022 18:03

Tgt Ion: 95 Resp: 153497
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.5 0.0 175.8

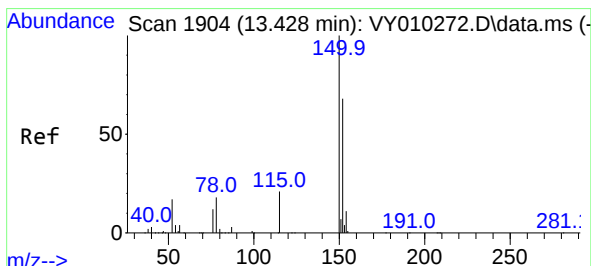
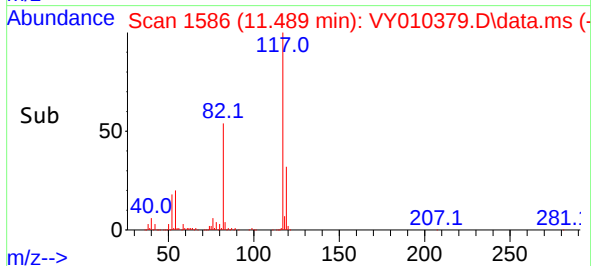
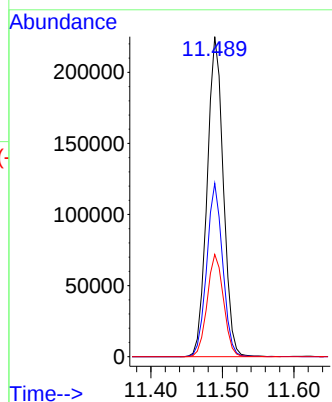
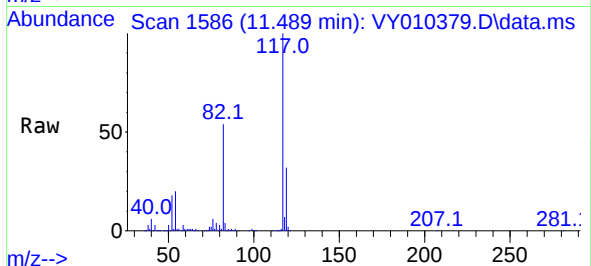




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY010379.D
Acq: 07 Sep 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_113D-20220902

Tgt Ion:	117	Resp:	354505
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	32.0	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: VY010379.D
Acq: 07 Sep 2022 18:03

Tgt Ion:	152	Resp:	169969
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	155.2	0.0	347.6

