

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005379.D
 Acq On : 07 Jul 2021 20:46
 Operator : SY/MD
 Sample : M2963-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2A-COMP

Quant Time: Jul 08 02:08:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	102289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	145737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	33434	39.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.780%
35) Dibromofluoromethane	7.722	113	41515	48.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.600%
50) Toluene-d8	10.179	98	168913	49.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.483	95	52367	45.721	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.440%

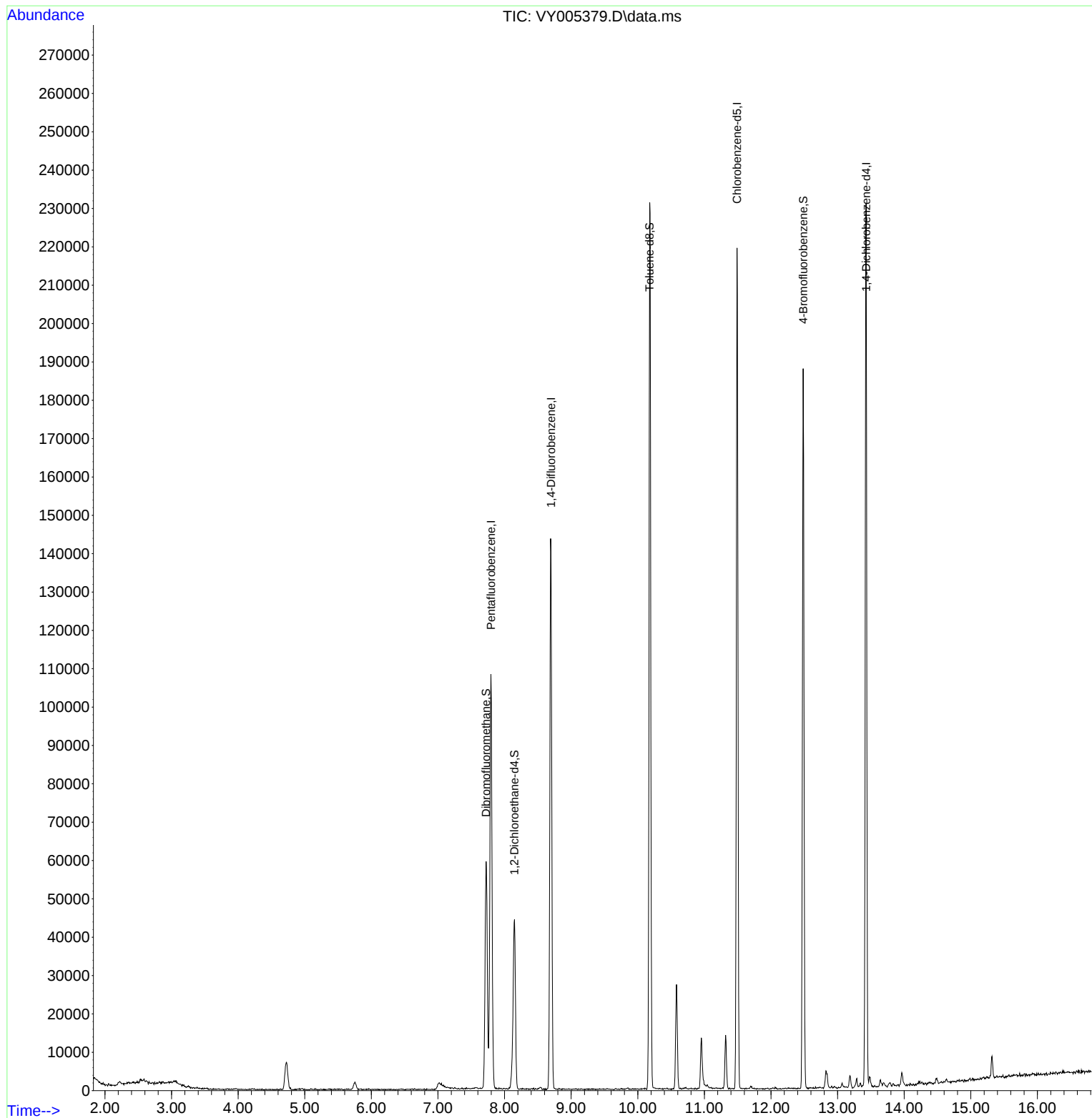
Target Compounds	Qvalue

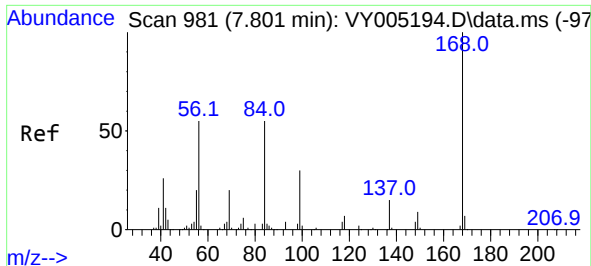
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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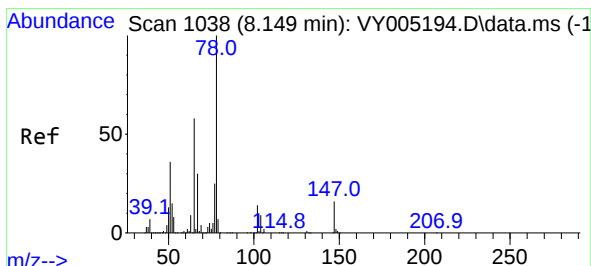
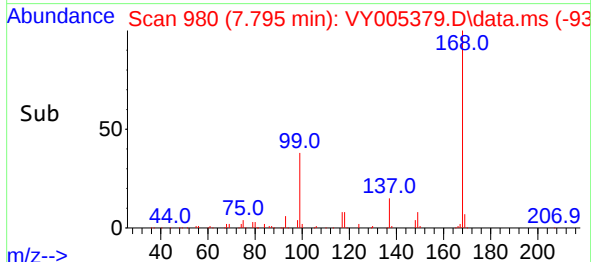
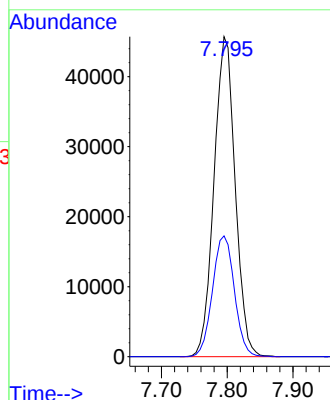
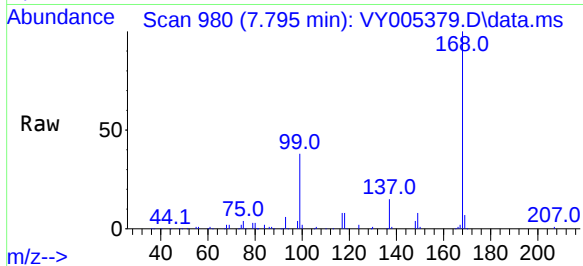




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

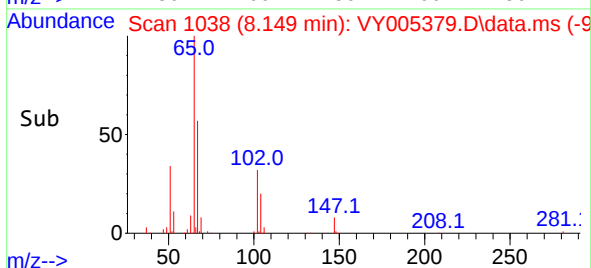
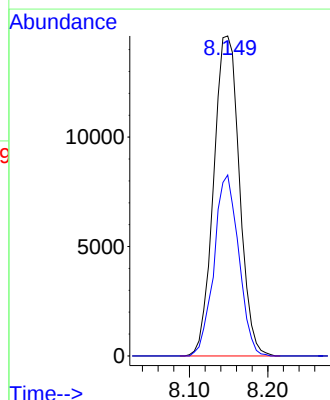
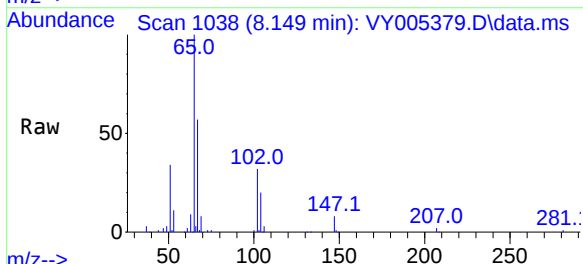
Instrument :
MSVOA_Y
ClientSampleId :
MH-2A-COMP

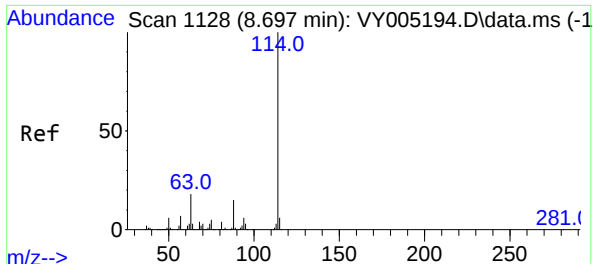
Tgt Ion:168 Resp: 102289
Ion Ratio Lower Upper
168 100
99 37.7 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 39.387 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

Tgt Ion: 65 Resp: 33434
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6



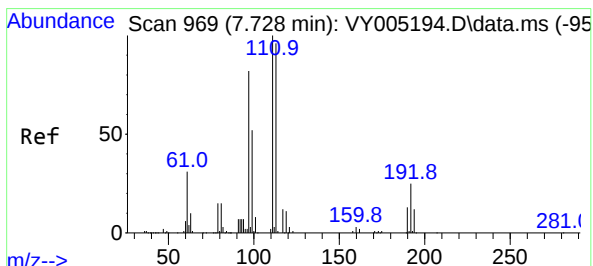
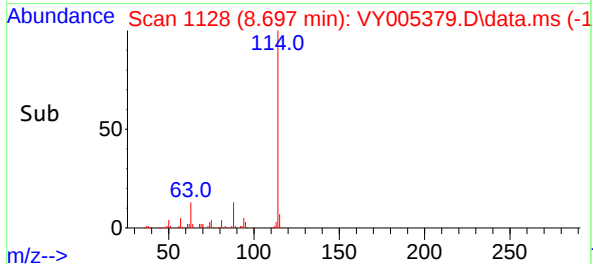
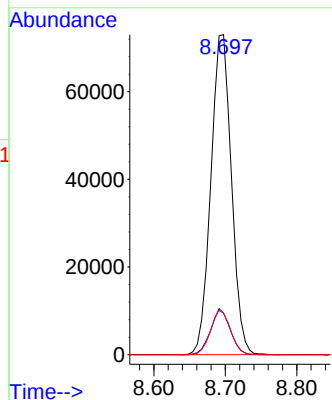
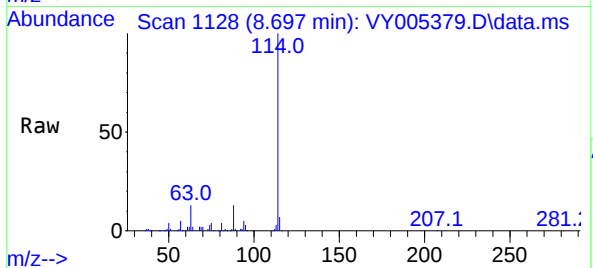


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-2A-COMP

Tgt Ion:114 Resp: 145737

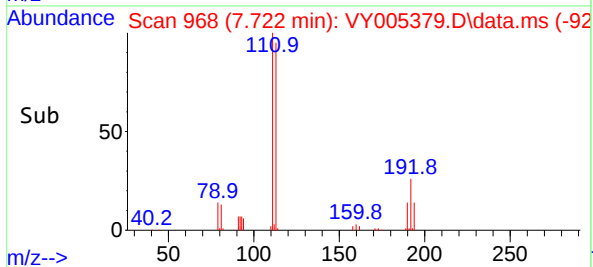
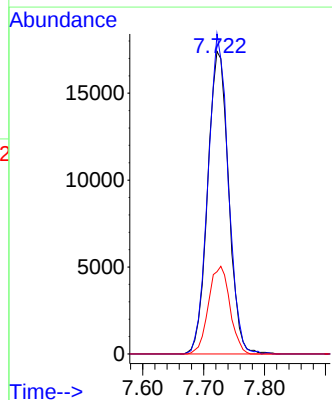
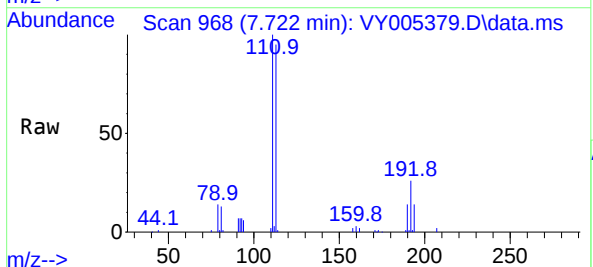
Ion	Ratio	Lower	Upper
114	100		
63	13.0	0.0	35.2
88	12.9	0.0	29.4

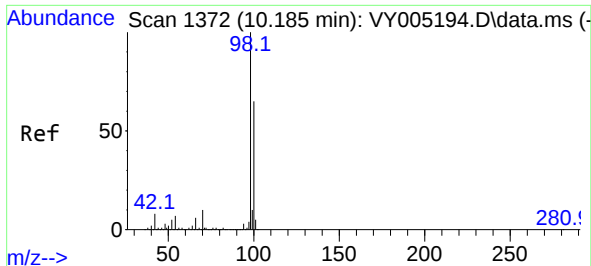


#35
Dibromofluoromethane
Concen: 48.302 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

Tgt Ion:113 Resp: 41515

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	29.6	20.2	30.2

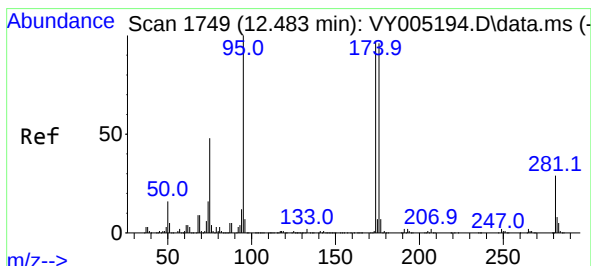
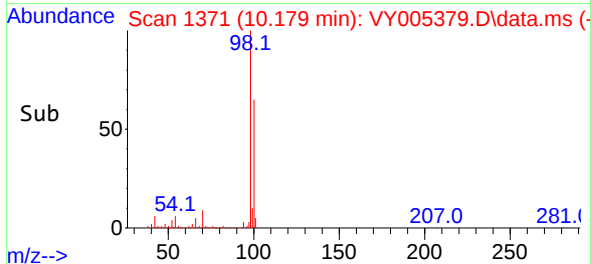
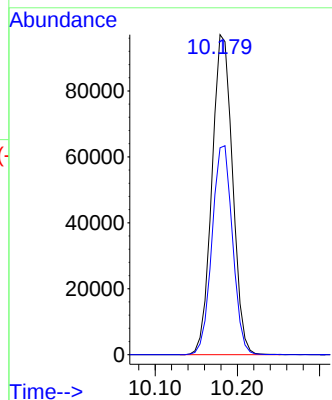
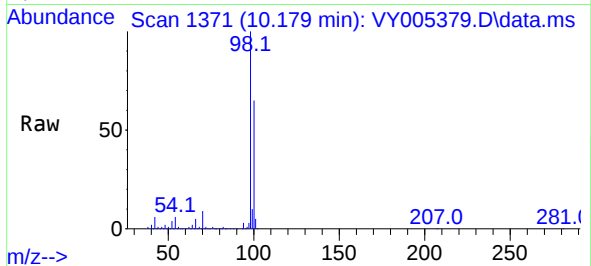




#50
Toluene-d8
Concen: 49.143 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

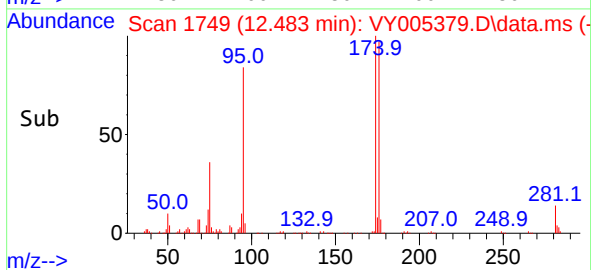
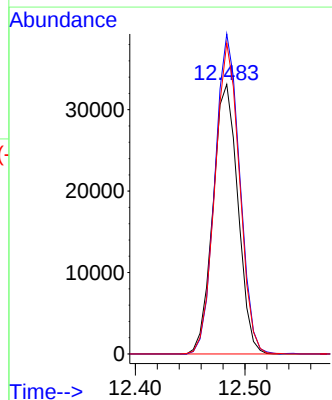
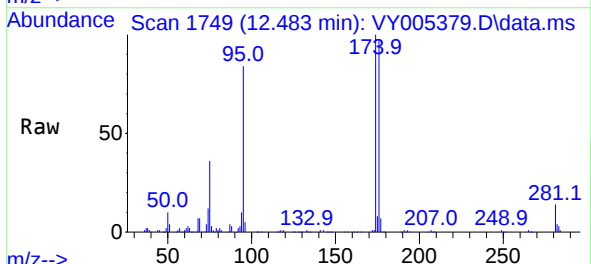
Instrument :
MSVOA_Y
ClientSampleId :
MH-2A-COMP

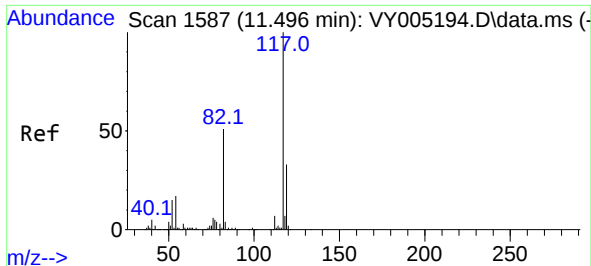
Tgt Ion: 98 Resp: 168913
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.721 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

Tgt Ion: 95 Resp: 52367
Ion Ratio Lower Upper
95 100
174 117.2 0.0 201.6
176 113.3 0.0 197.4

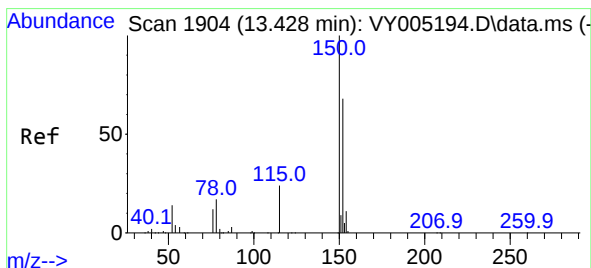
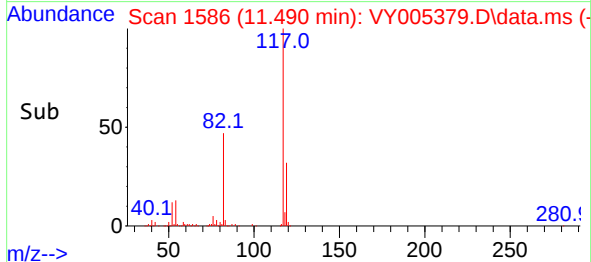
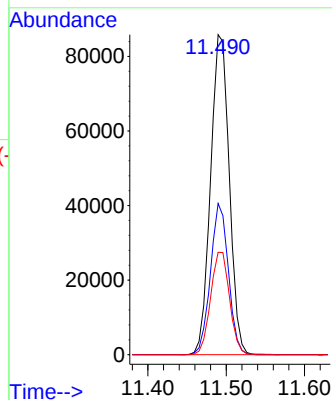
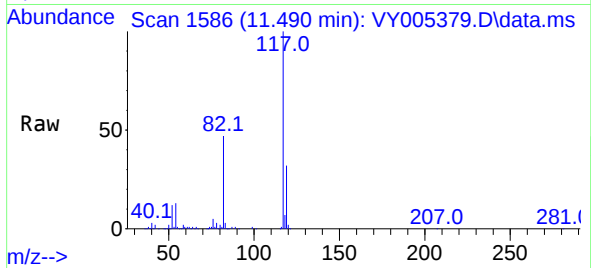




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

Instrument :
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Tgt Ion:	117	Resp:	142134
Ion	Ratio	Lower	Upper
117	100		
82	47.2	40.6	60.8
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005379.D
Acq: 07 Jul 2021 20:46

Tgt Ion:	152	Resp:	72474
Ion	Ratio	Lower	Upper
152	100		
115	48.9	26.3	78.8
150	156.3	0.0	344.2

