

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004582.D
 Acq On : 22 Apr 2021 14:05
 Operator : SY/MD
 Sample : M2107-07
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-30-9.5-10.0-DUP

Quant Time: Apr 23 09:19:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	120826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81461	60.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.36%
35) Dibromofluoromethane	7.728	113	67075	56.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.34%
50) Toluene-d8	10.185	98	267577	53.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.30%
62) 4-Bromofluorobenzene	12.483	95	88312	51.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.38%

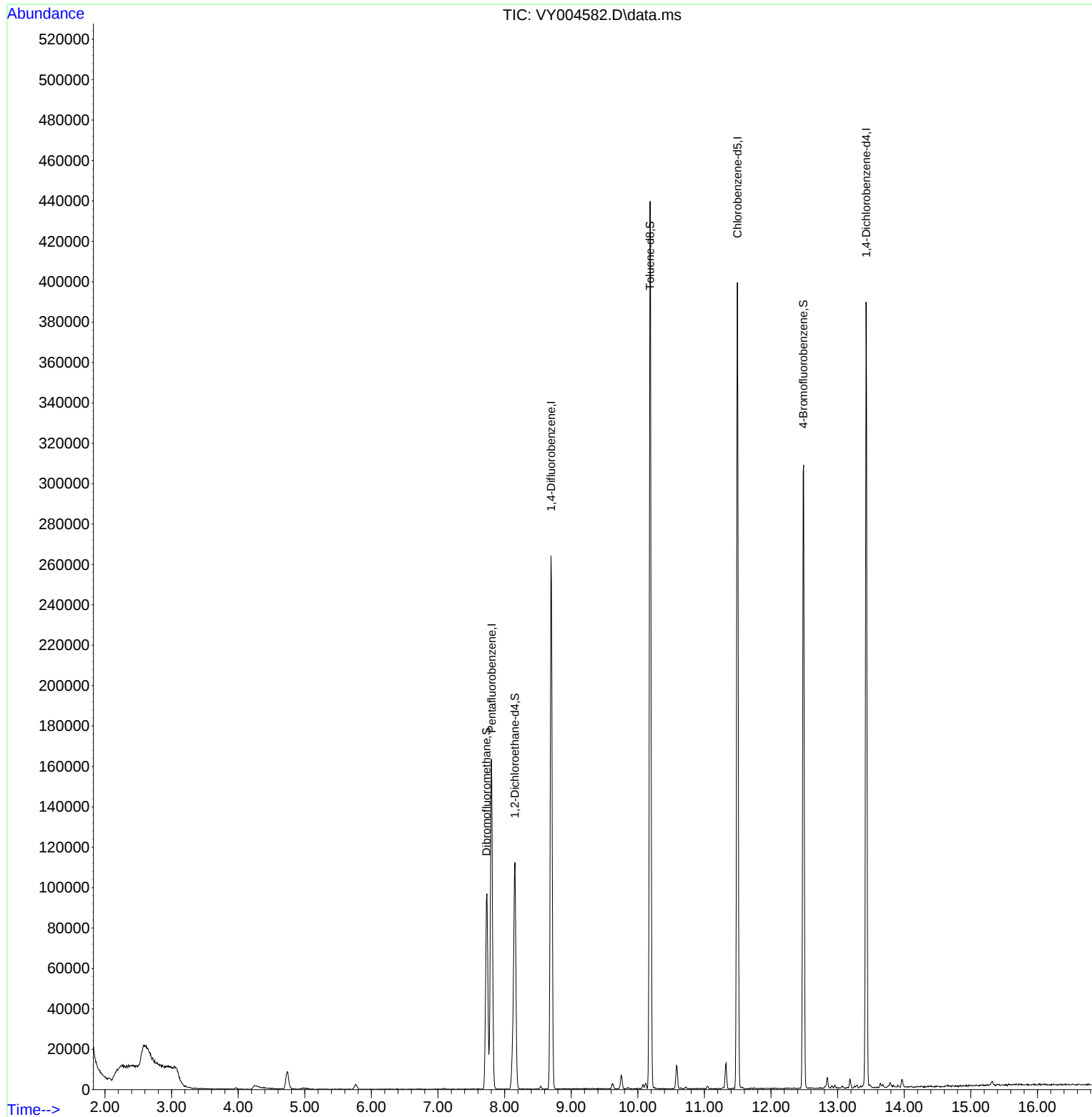
Target Compounds	Qvalue

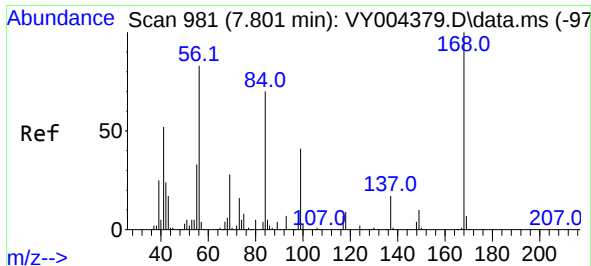
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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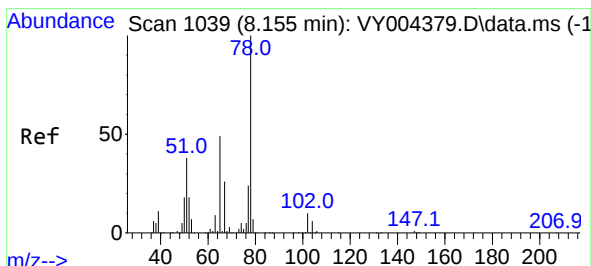
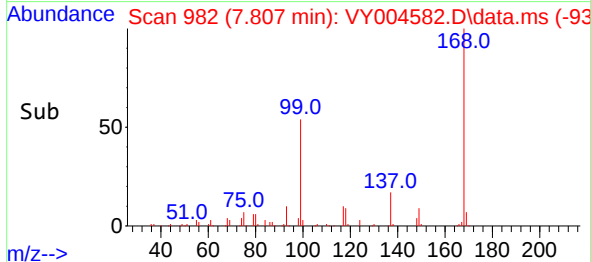
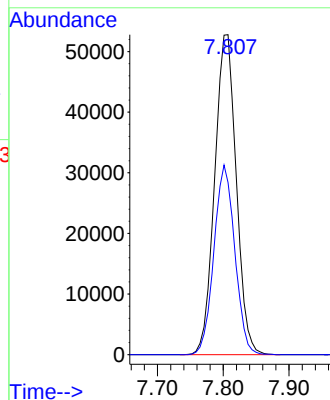
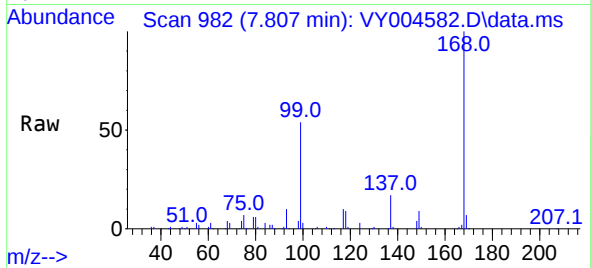




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

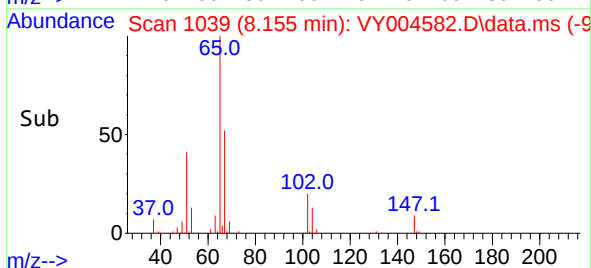
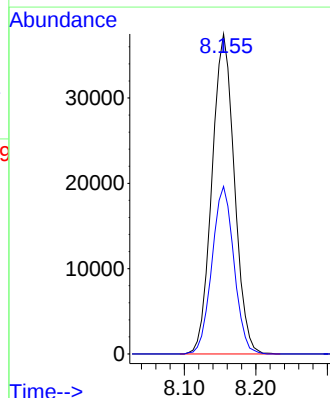
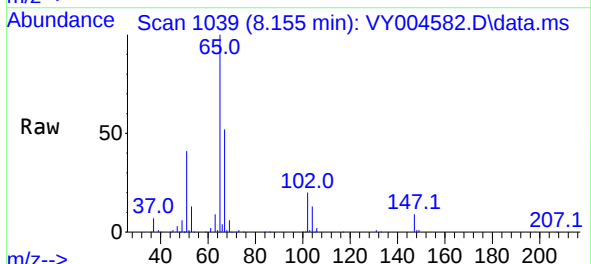
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-9.5-10.0-DUP

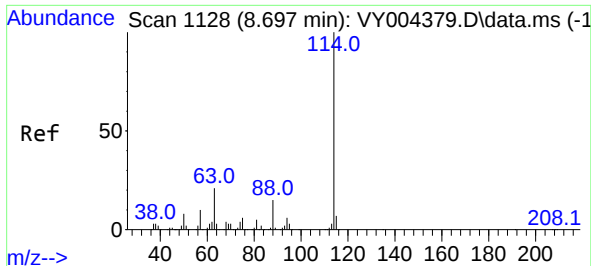
Tgt Ion:168 Resp: 120826
Ion Ratio Lower Upper
168 100
99 53.8 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 60.68 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion: 65 Resp: 81461
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

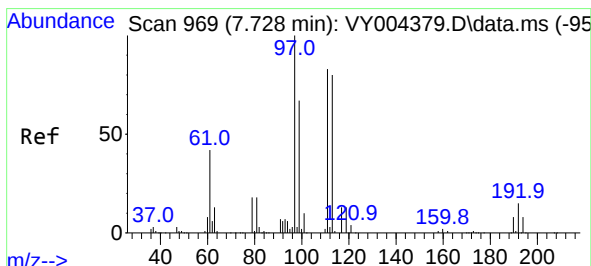
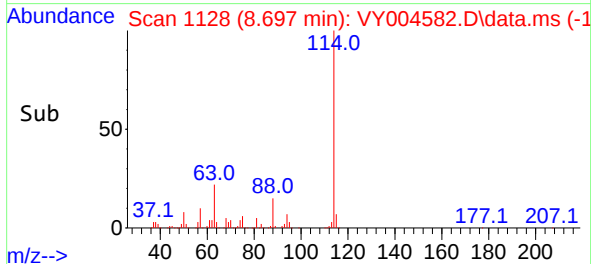
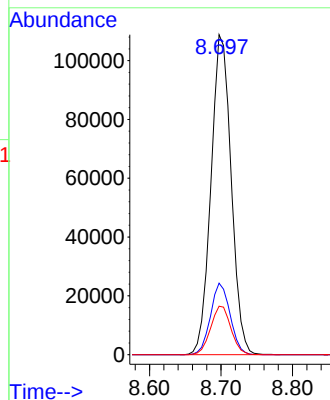
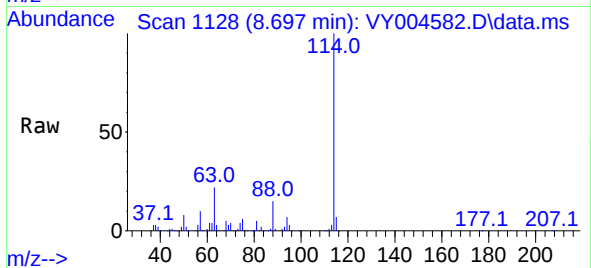
RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004582.D

Acq: 22 Apr 2021 14:05

Tgt Ion:	114	Resp:	213285
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	42.4
88	15.2	0.0	30.8



#35

Dibromofluoromethane

Concen: 56.67 ug/l

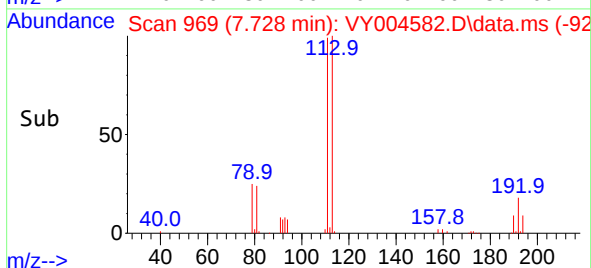
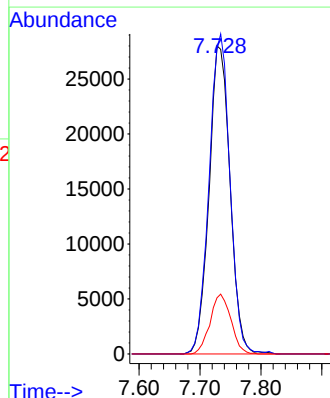
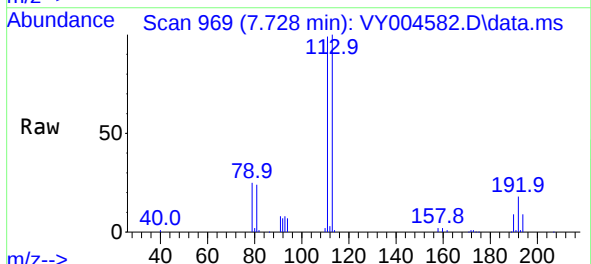
RT: 7.728 min Scan# 969

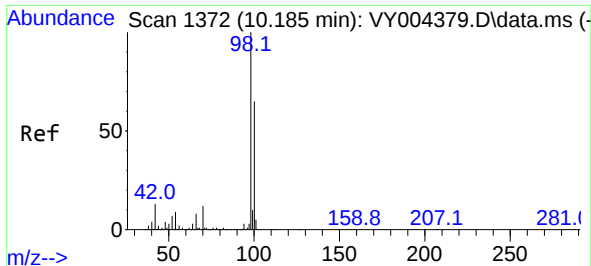
Delta R.T. 0.000 min

Lab File: VY004582.D

Acq: 22 Apr 2021 14:05

Tgt Ion:	113	Resp:	67075
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	19.2	16.1	24.1

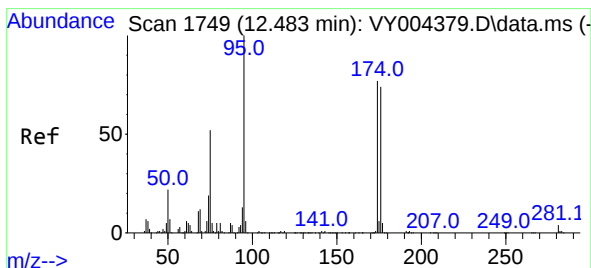
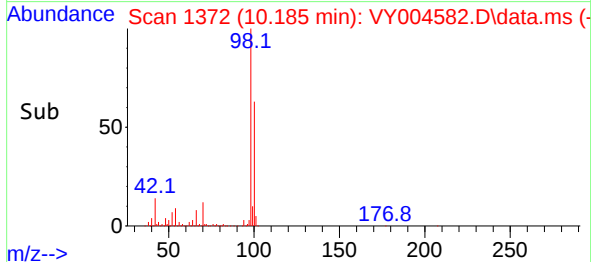
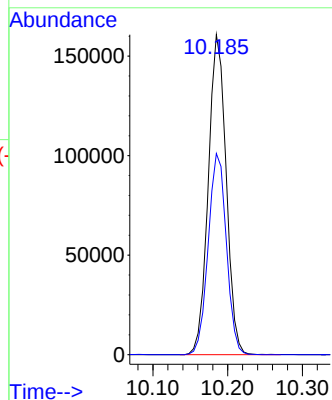
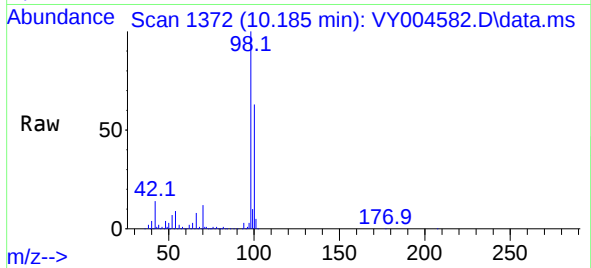




#50
Toluene-d8
Concen: 53.15 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

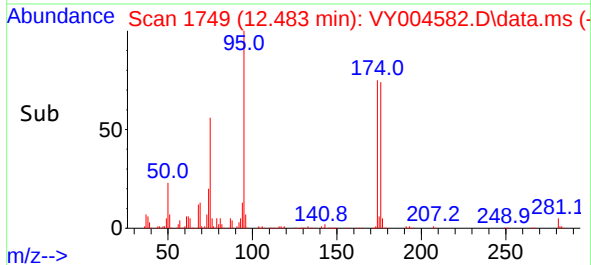
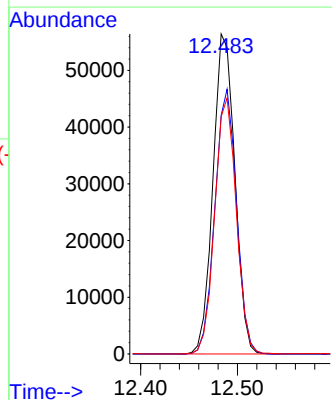
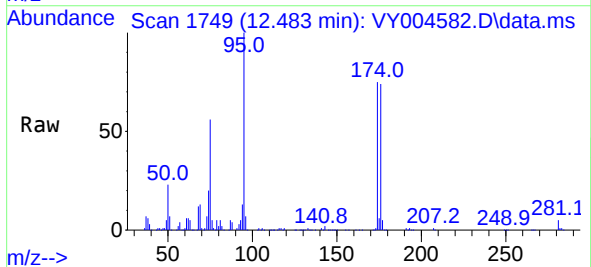
Instrument :
MSVOA_Y
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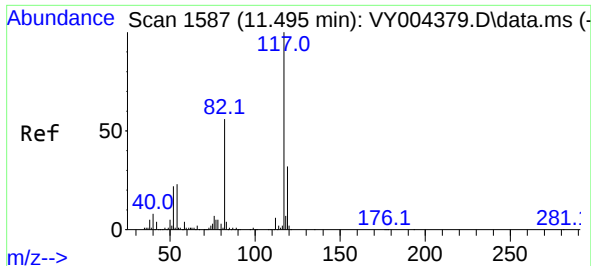
Tgt Ion: 98 Resp: 267577
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion: 95 Resp: 88312
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 79.0 0.0 156.0

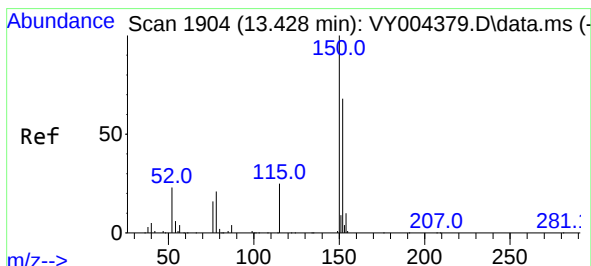
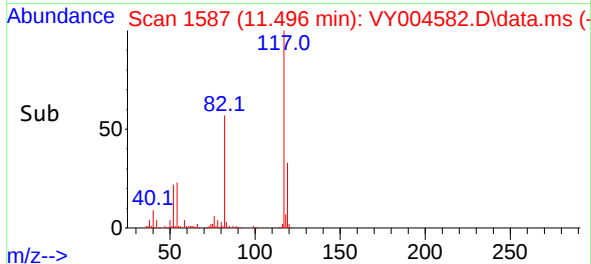
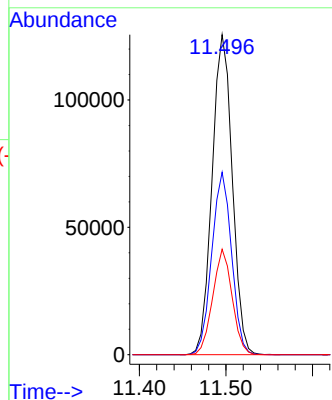
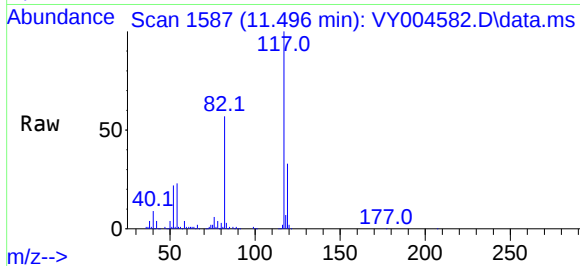




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

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Tgt Ion:	117	Resp:	203499
Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.9	67.3
119	33.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion:	152	Resp:	91407
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.6	88.8
150	156.7	0.0	348.4

