

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004592.D
 Acq On : 22 Apr 2021 17:58
 Operator : SY/MD
 Sample : M2111-04
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-4

Quant Time: Apr 23 09:22:48 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	7.801	168	124602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79209	57.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.44%
35) Dibromofluoromethane	7.728	113	67348	54.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.96%
50) Toluene-d8	10.185	98	281855	53.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.20%
62) 4-Bromofluorobenzene	12.483	95	96127	53.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.74%

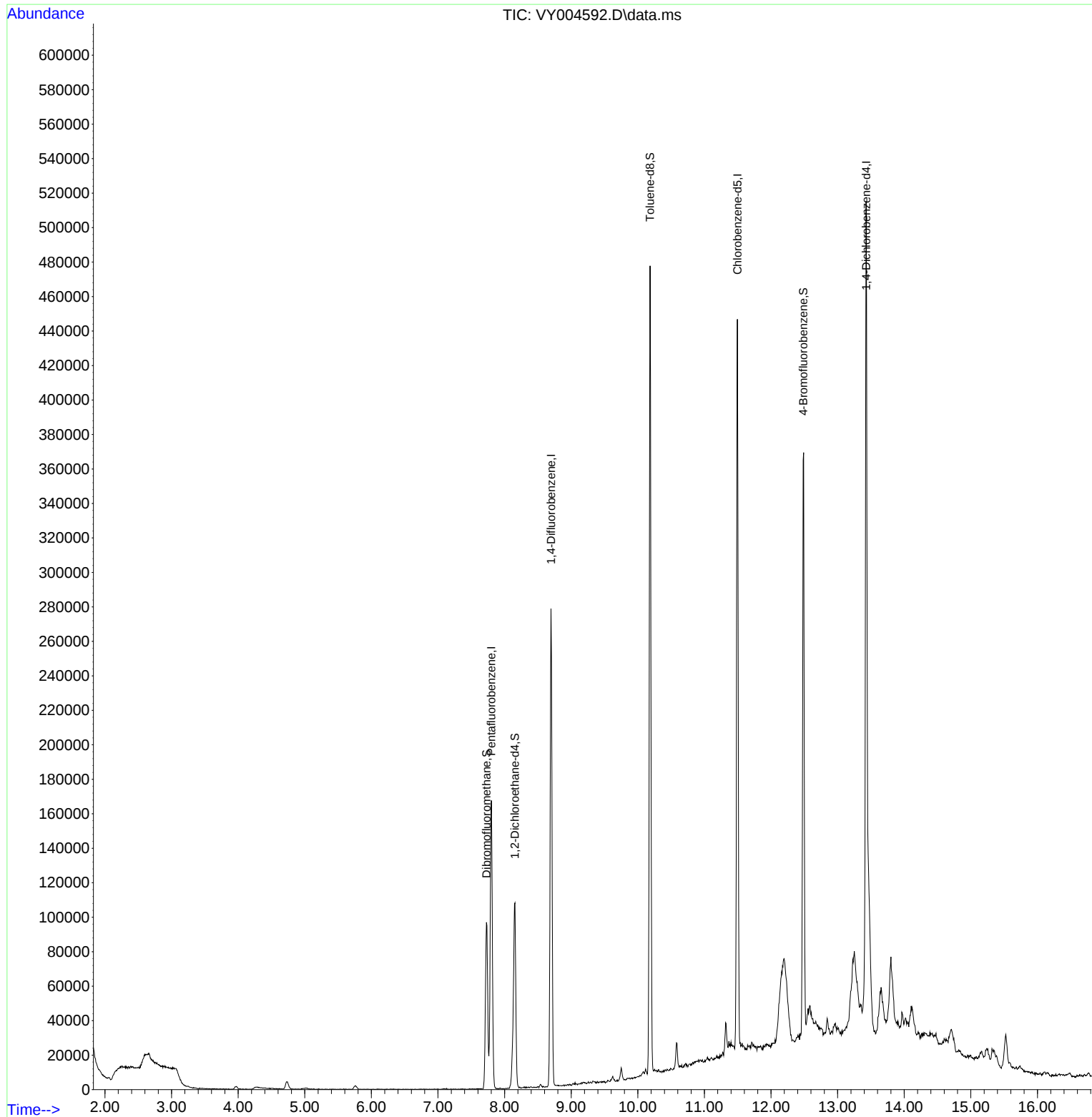
Target Compounds	Qvalue

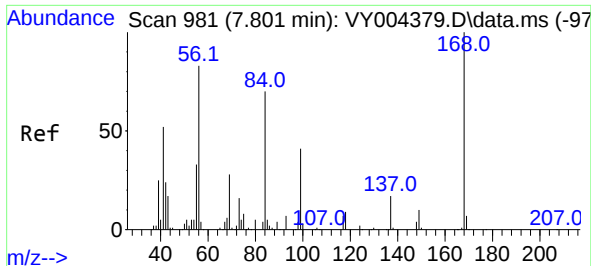
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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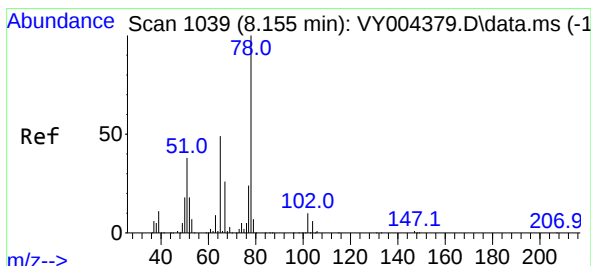
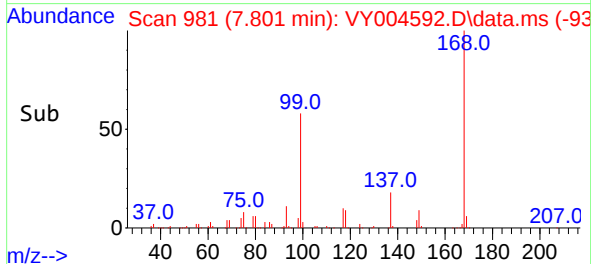
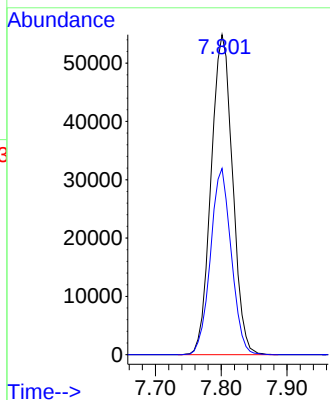
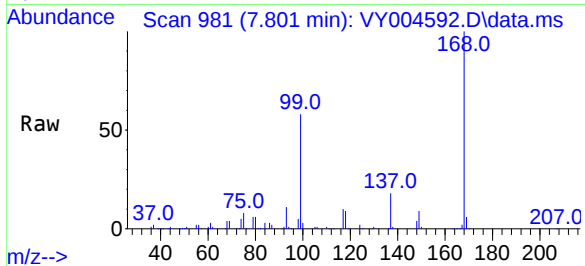




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

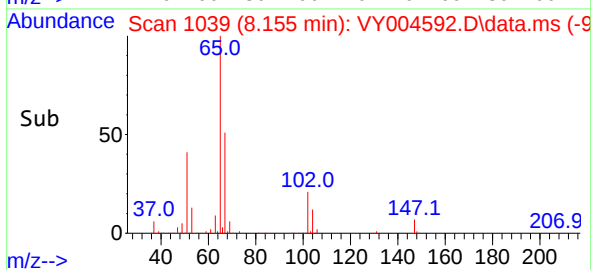
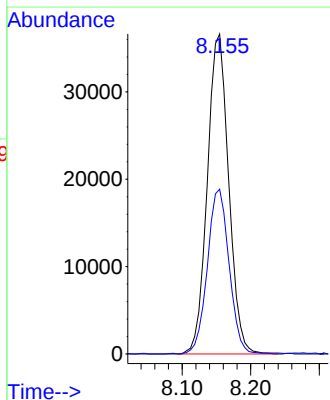
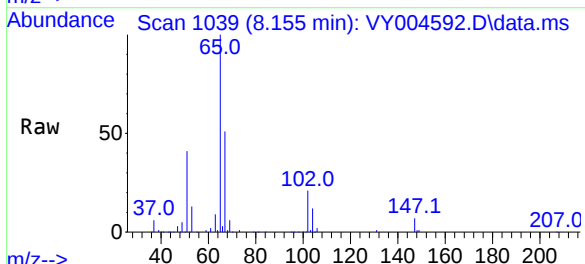
Instrument :
MSVOA_Y
ClientSampled :
S-4

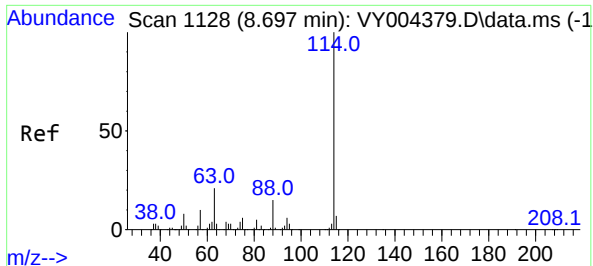
Tgt Ion:168 Resp: 124602
Ion Ratio Lower Upper
168 100
99 58.2 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 57.22 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Tgt Ion: 65 Resp: 79209
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



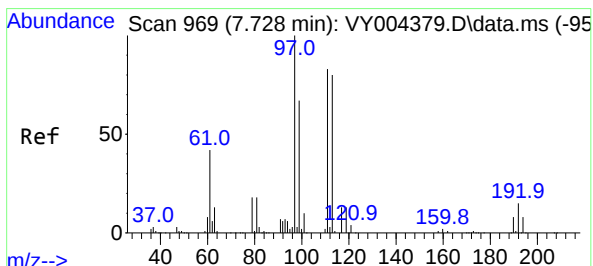
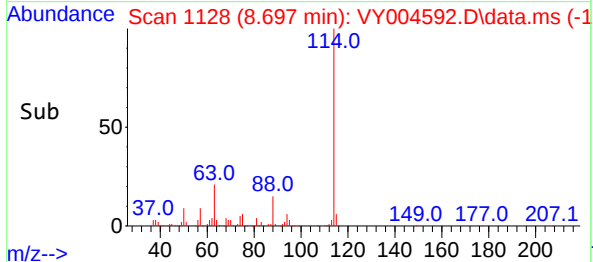
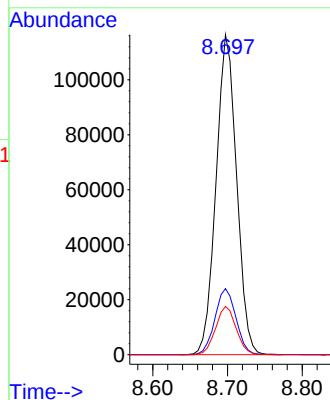
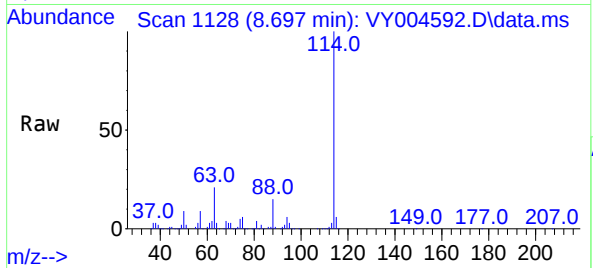


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampled :
S-4

Tgt Ion:114 Resp: 222749

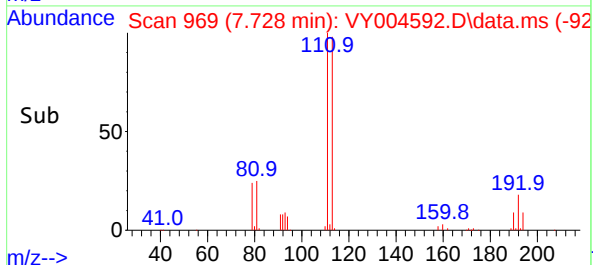
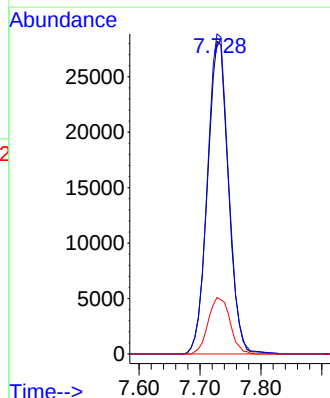
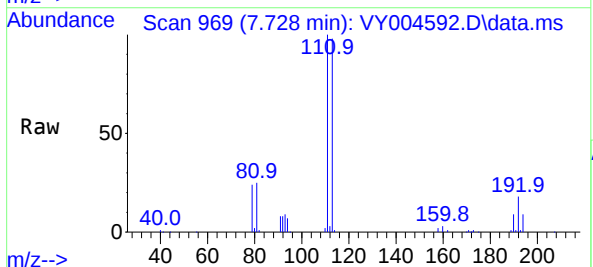
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	15.1	0.0	30.8

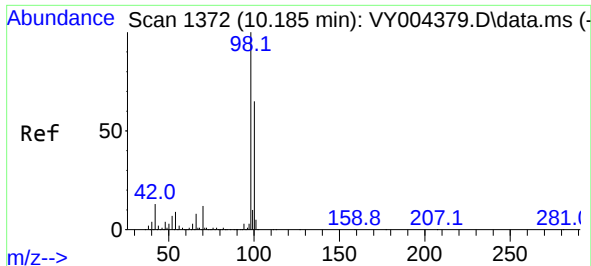


#35
Dibromofluoromethane
Concen: 54.48 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Tgt Ion:113 Resp: 67348

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.8	16.1	24.1

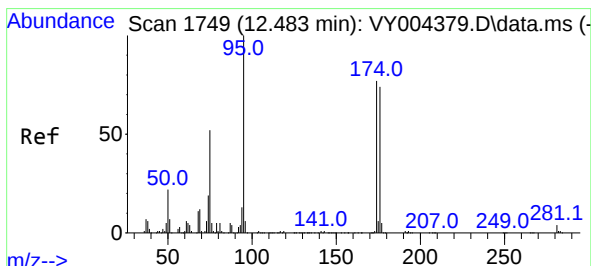
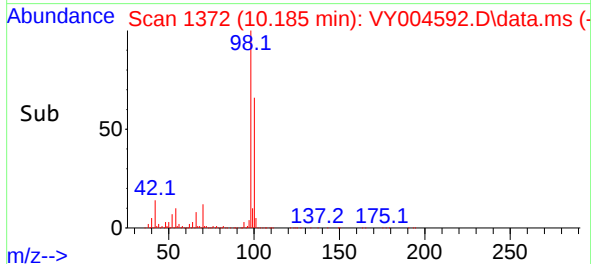
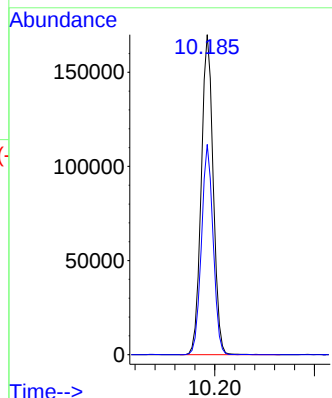
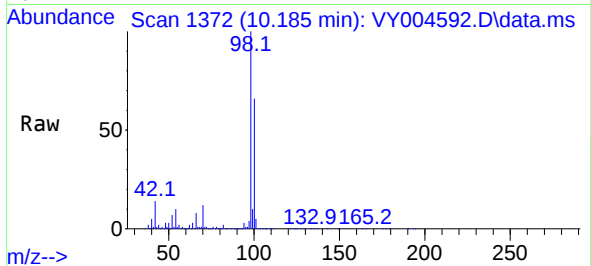




#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

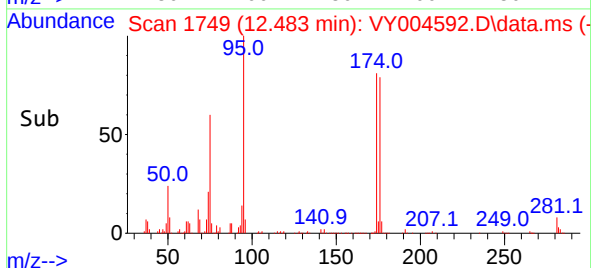
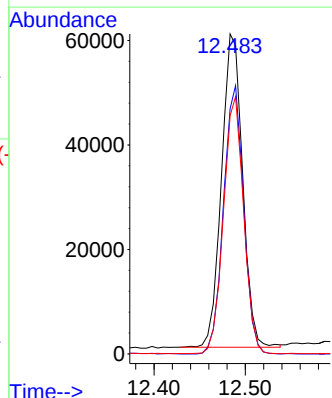
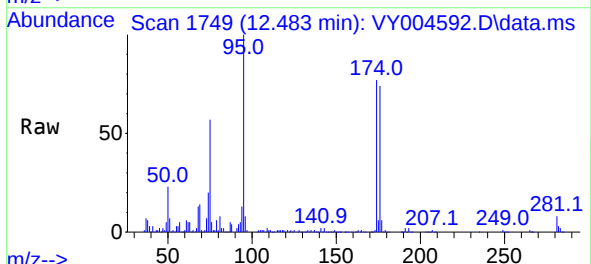
Instrument :
MSVOA_Y
ClientSampled :
S-4

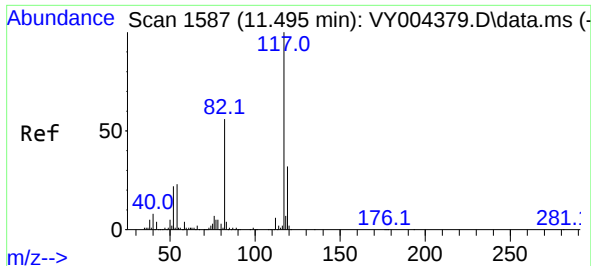
Tgt Ion: 98 Resp: 281855
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Tgt Ion: 95 Resp: 96127
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.4
176 78.4 0.0 156.0

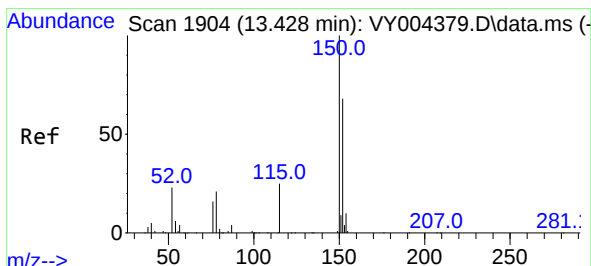
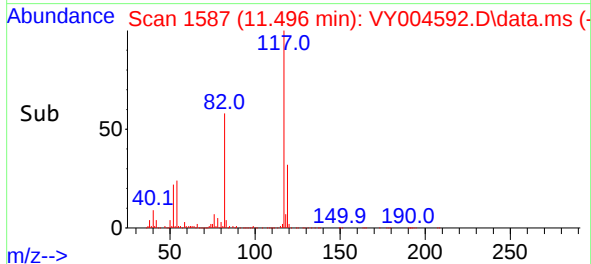
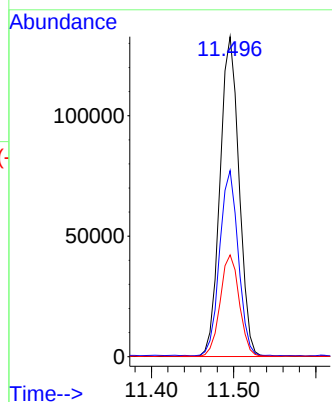
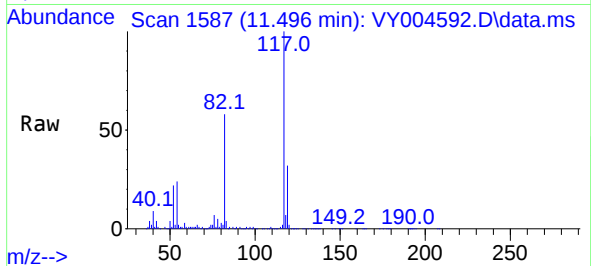




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004592.D
Acq: 22 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampled :
S-4

Tgt Ion:117 Resp: 213870
Ion Ratio Lower Upper
117 100
82 57.8 44.9 67.3
119 31.7 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: VY004592.D
Acq: 22 Apr 2021 17:58

Tgt Ion:152 Resp: 99471
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.8
150 154.6 0.0 348.4

