

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004822.D
 Acq On : 18 May 2021 13:08
 Operator : SY/MD
 Sample : M2392-19
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-4.5-5.0

Quant Time: May 19 01:03:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	9678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	17188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	15558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6454	56.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.04%
35) Dibromofluoromethane	7.728	113	3743	39.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.56%
50) Toluene-d8	10.185	98	21333	50.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.38%
62) 4-Bromofluorobenzene	12.483	95	5720	39.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.74%

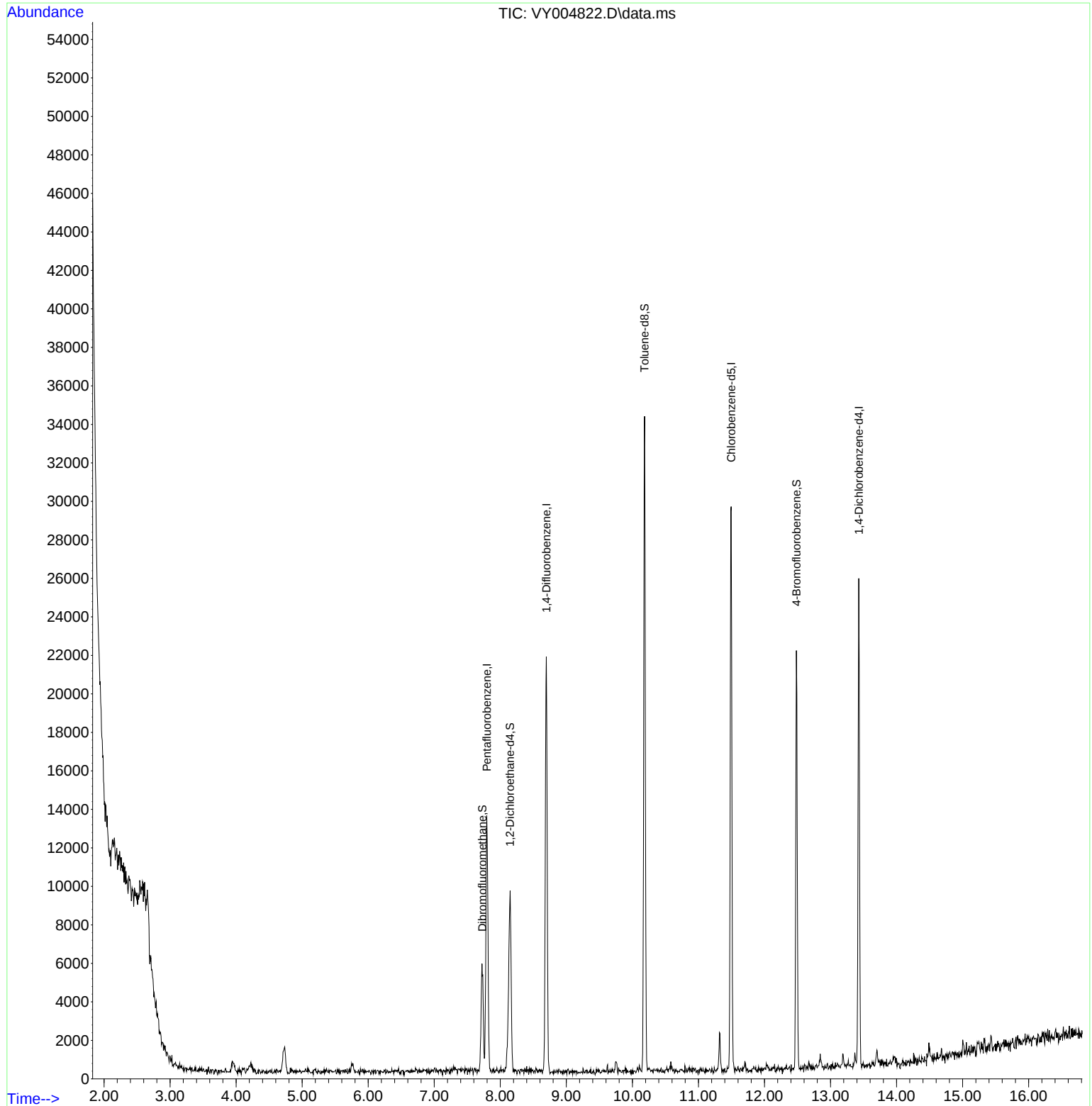
Target Compounds	Qvalue

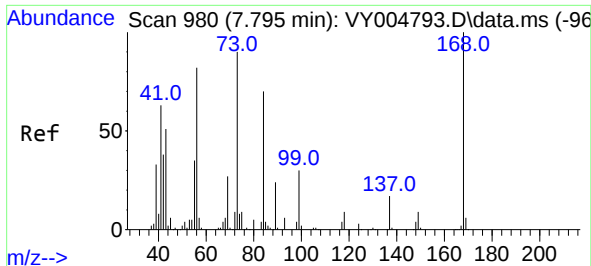
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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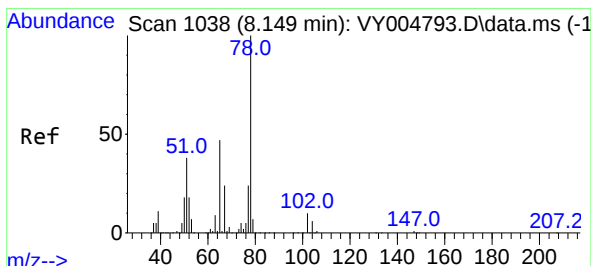
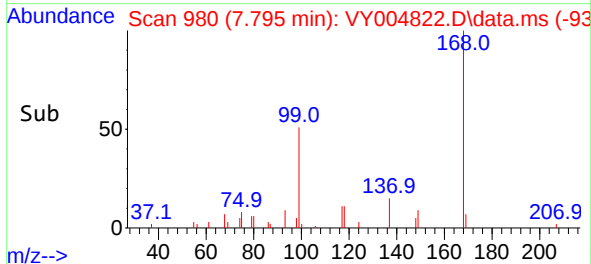
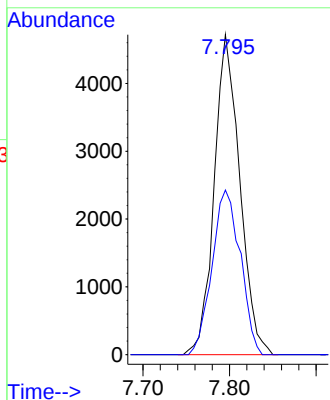
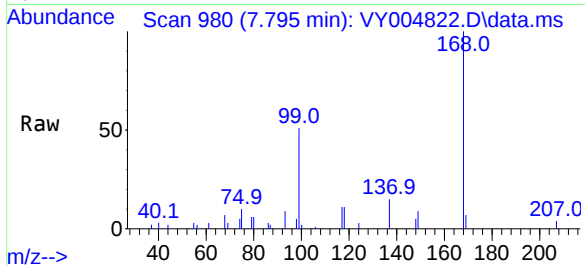




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004822.D
Acq: 18 May 2021 13:08

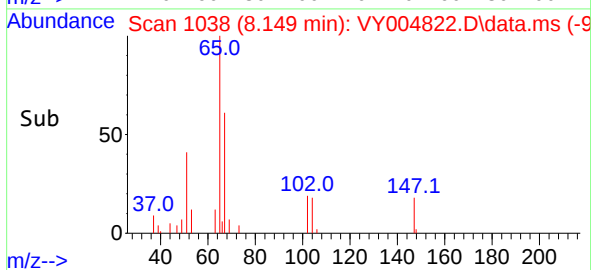
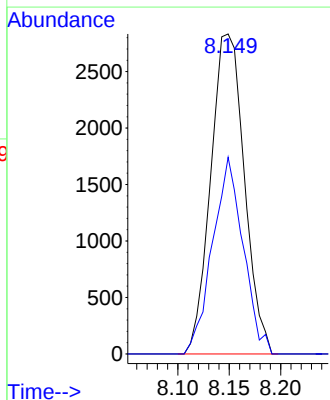
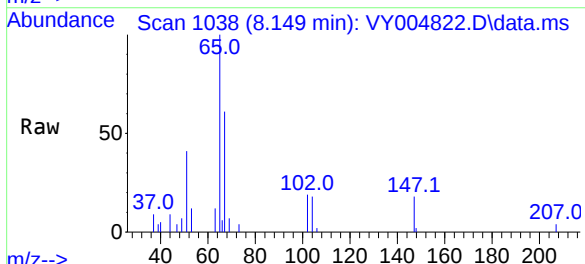
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-4.5-5.0

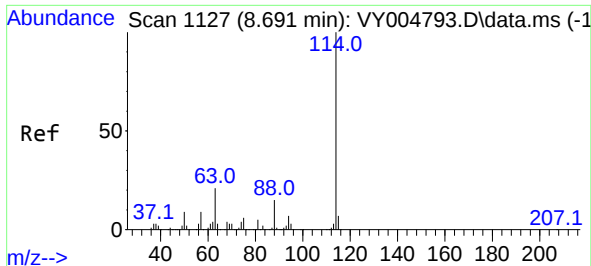
Tgt Ion:168 Resp: 9678
Ion Ratio Lower Upper
168 100
99 51.5 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 56.02 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004822.D
Acq: 18 May 2021 13:08

Tgt Ion: 65 Resp: 6454
Ion Ratio Lower Upper
65 100
67 56.0 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

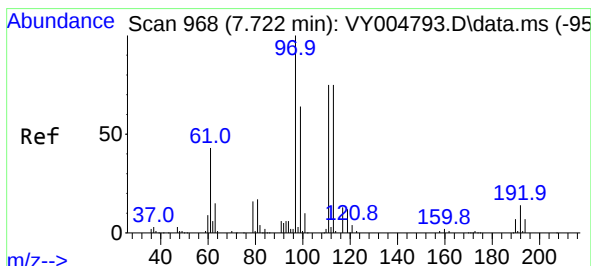
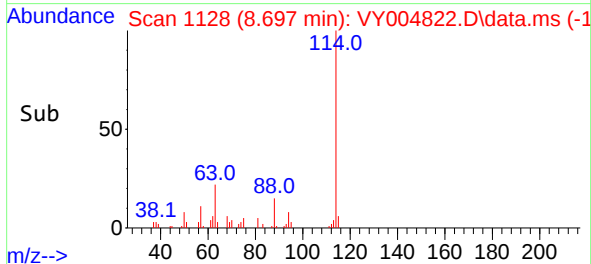
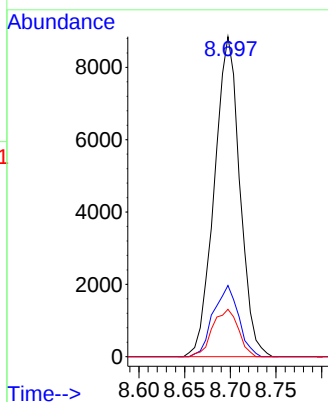
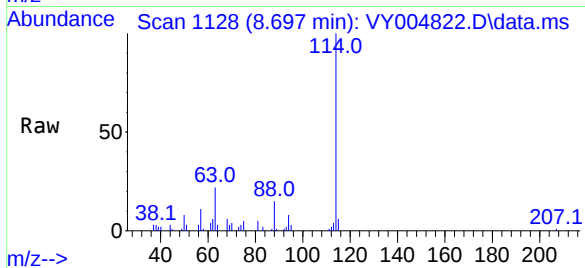
RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004822.D

Acq: 18 May 2021 13:08

Tgt Ion:	114	Resp:	17188
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	42.8
88	14.8	0.0	31.0



#35

Dibromofluoromethane

Concen: 39.78 ug/l

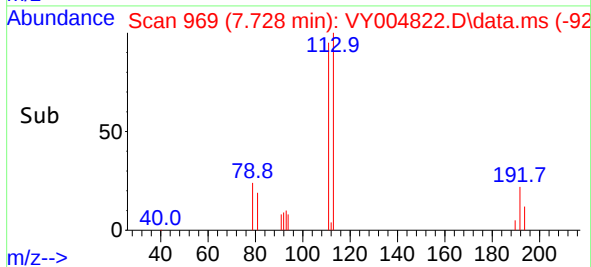
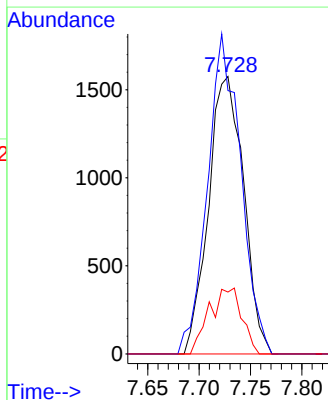
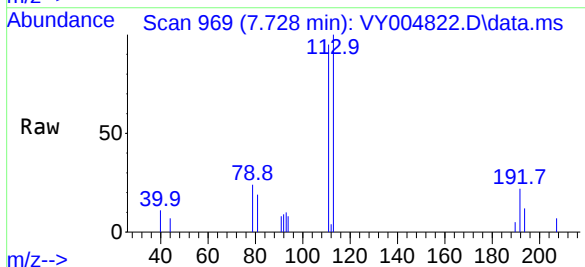
RT: 7.728 min Scan# 969

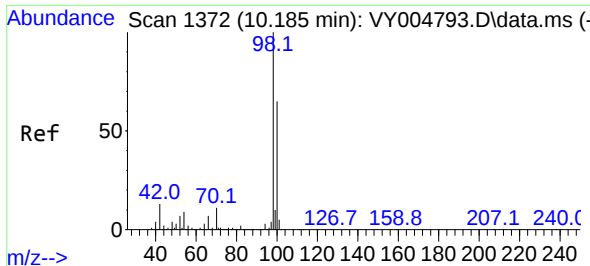
Delta R.T. 0.000 min

Lab File: VY004822.D

Acq: 18 May 2021 13:08

Tgt Ion:	113	Resp:	3743
Ion	Ratio	Lower	Upper
113	100		
111	109.0	80.5	120.7
192	22.1	15.0	22.6

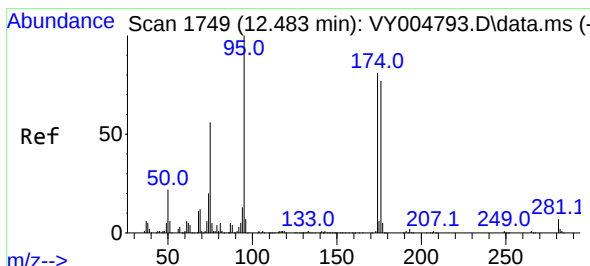
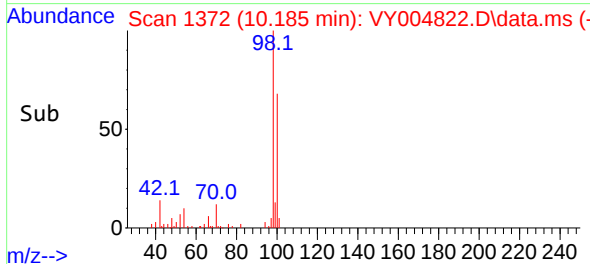
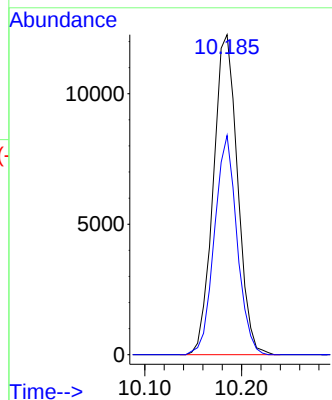
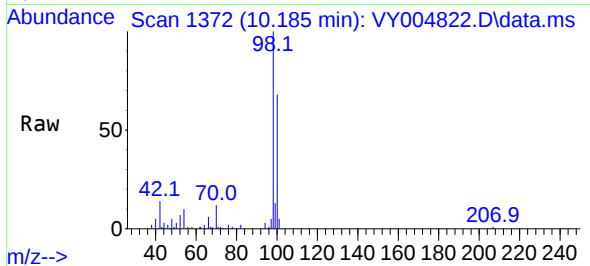




#50
Toluene-d8
Concen: 50.19 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004822.D
Acq: 18 May 2021 13:08

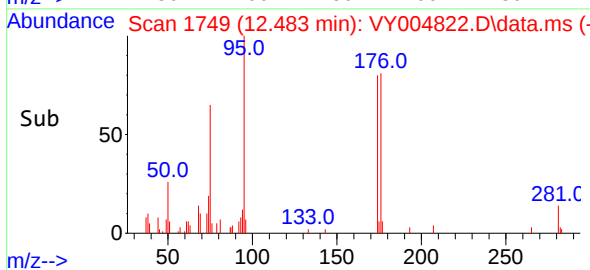
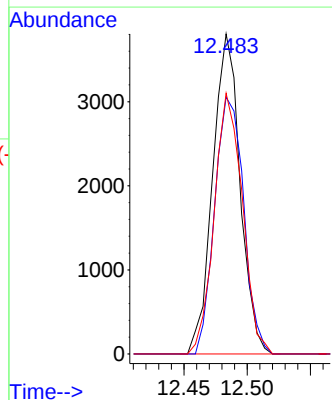
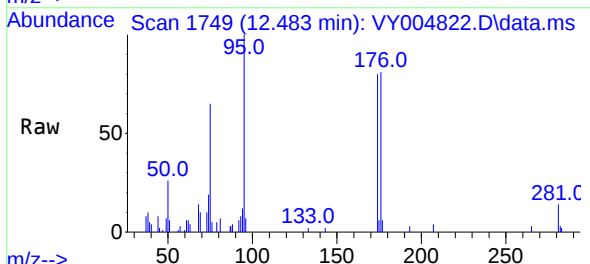
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-4.5-5.0

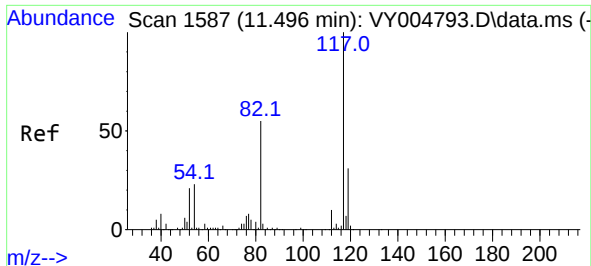
Tgt Ion: 98 Resp: 21333
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 39.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004822.D
Acq: 18 May 2021 13:08

Tgt Ion: 95 Resp: 5720
Ion Ratio Lower Upper
95 100
174 84.8 0.0 164.2
176 83.5 0.0 159.0

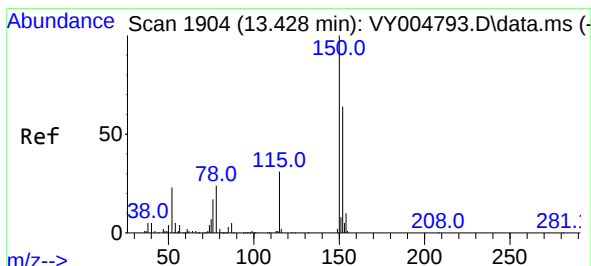
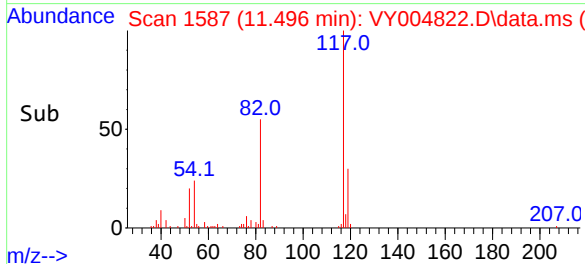
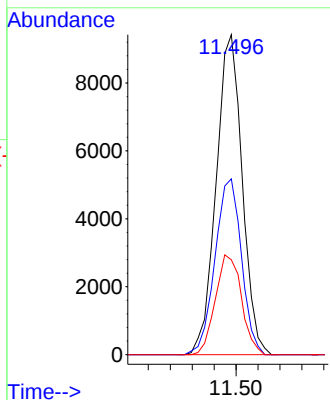
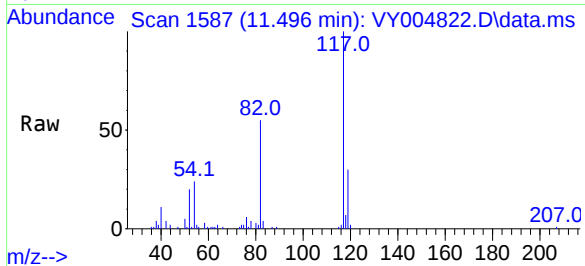




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004822.D
Acq: 18 May 2021 13:08

Instrument :
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ClientSampleId :
SB-07-4.5-5.0

Tgt Ion:	117	Resp:	15558
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.4	68.2
119	29.6	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004822.D
Acq: 18 May 2021 13:08

Tgt Ion:	152	Resp:	6140
Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.4	88.3
150	146.0	0.0	349.8

