

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004794.D
 Acq On : 17 May 2021 10:49
 Operator : SY/MD
 Sample : VY0517SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBL01

Quant Time: May 18 01:01:52 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	191763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	330224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	129097	56.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.12%
35) Dibromofluoromethane	7.728	113	106681	55.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.96%
50) Toluene-d8	10.185	98	430080	49.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.90%
62) 4-Bromofluorobenzene	12.483	95	144922	49.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.74%

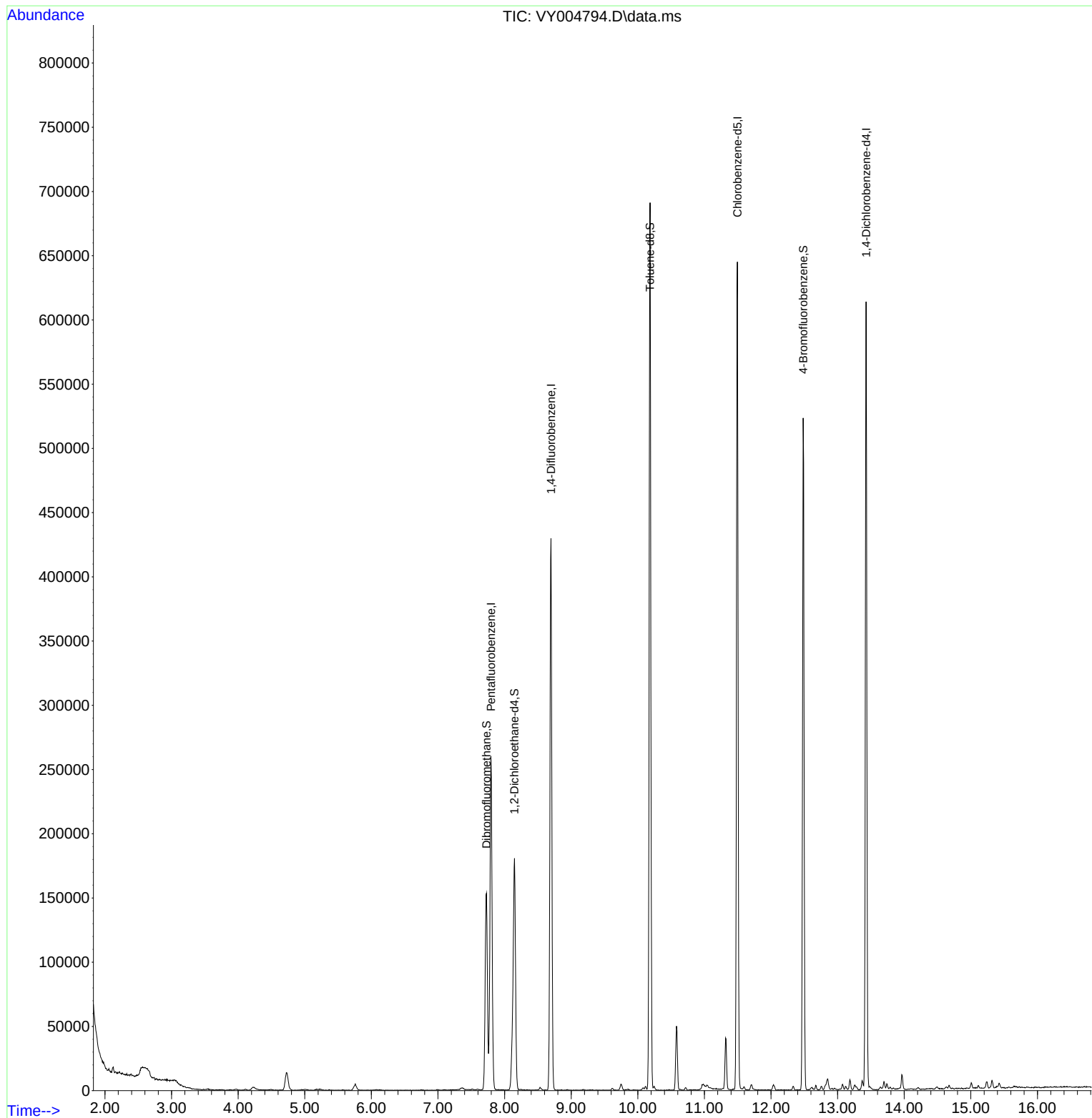
Target Compounds	Qvalue

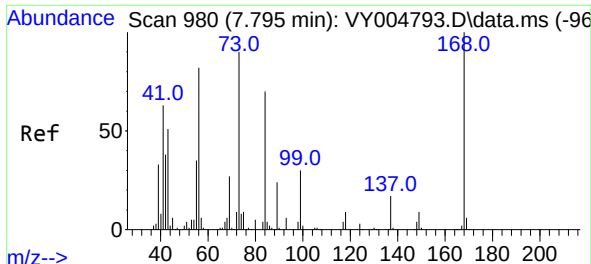
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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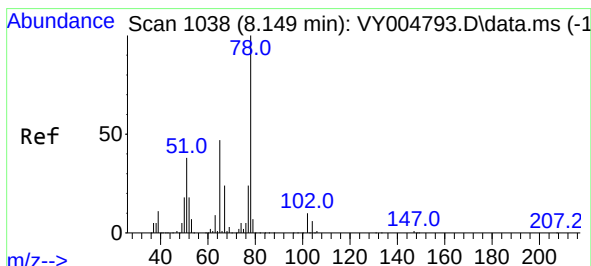
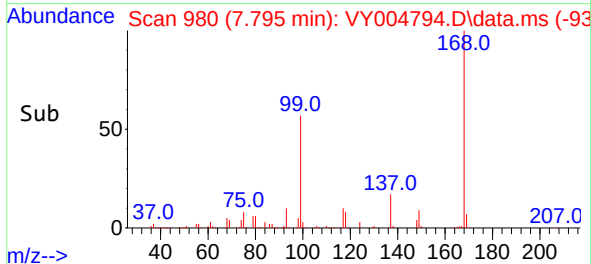
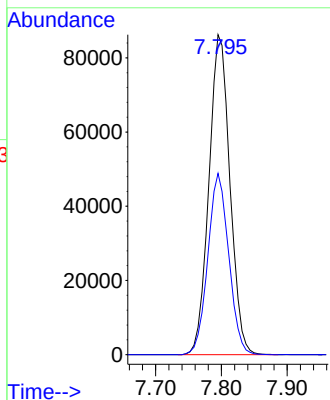
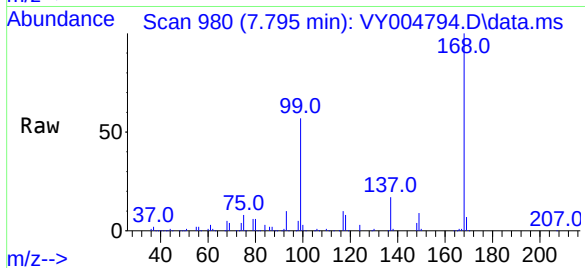




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

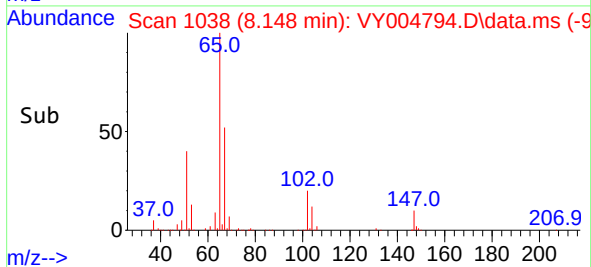
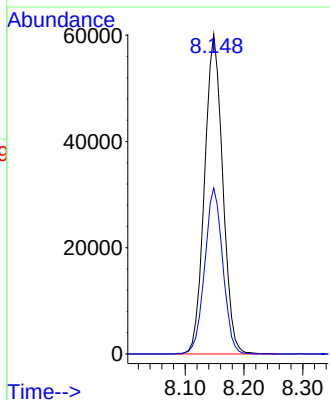
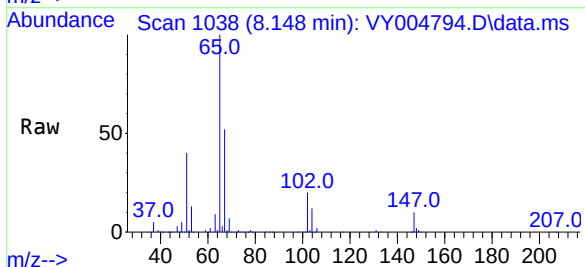
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

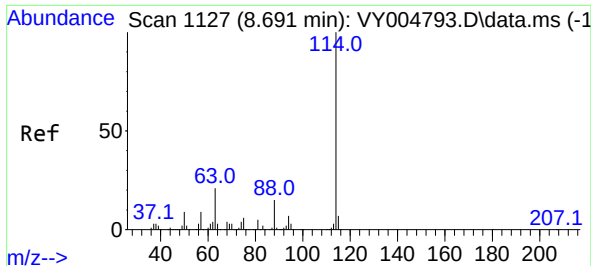
Tgt Ion:168 Resp: 191763
Ion Ratio Lower Upper
168 100
99 56.7 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 56.56 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 65 Resp: 129097
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.0



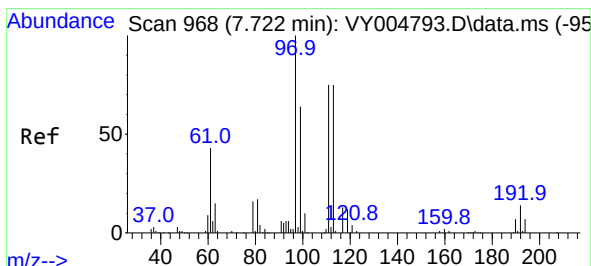
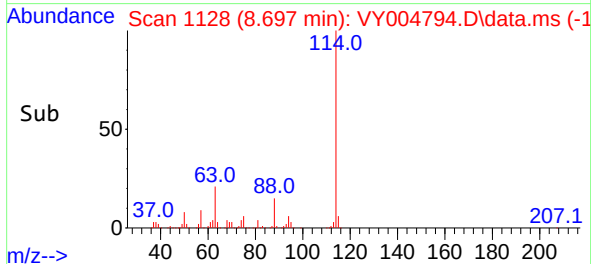
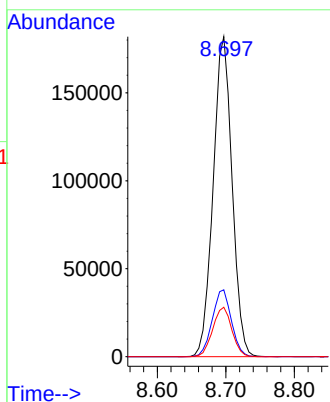
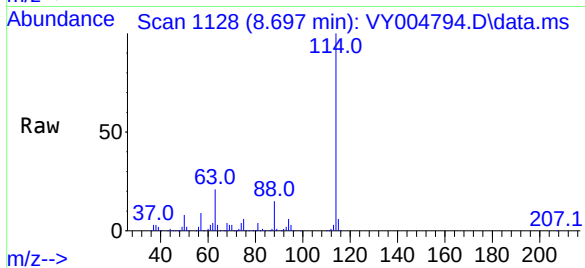


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

Tgt Ion:114 Resp: 348133

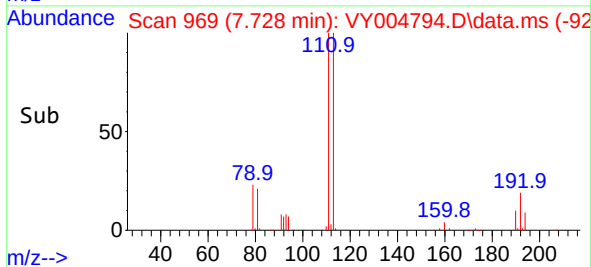
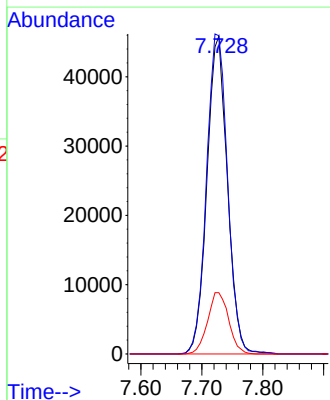
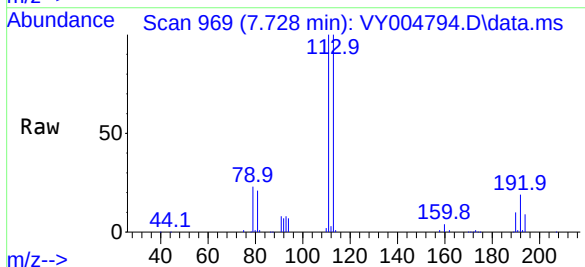
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.8
88	15.5	0.0	31.0

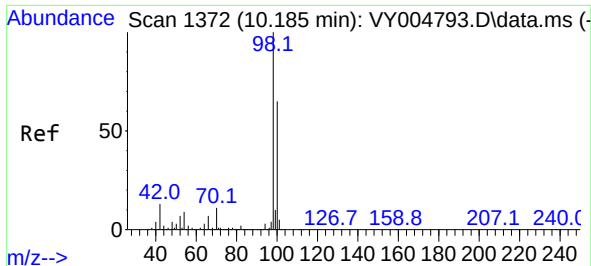


#35
Dibromofluoromethane
Concen: 55.98 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion:113 Resp: 106681

Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.5	120.7
192	20.0	15.0	22.6

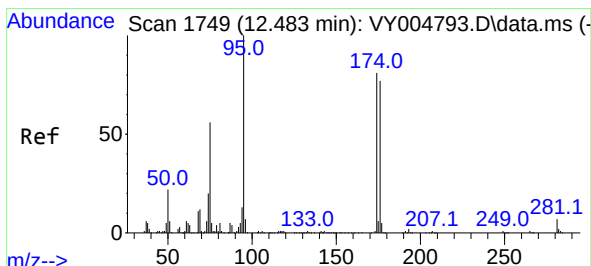
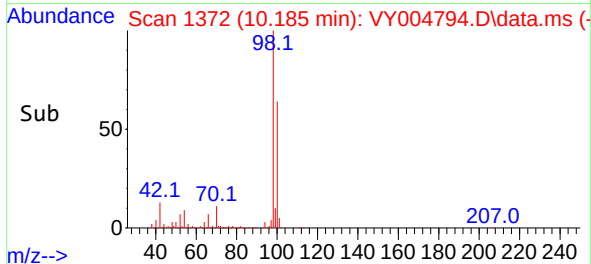
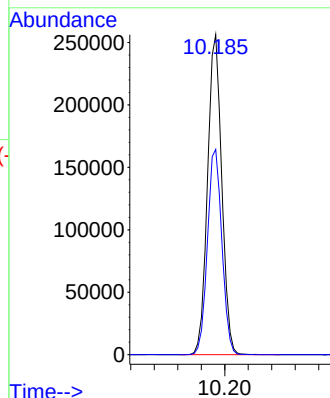
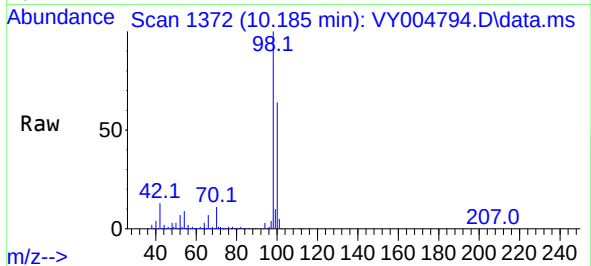




#50
Toluene-d8
Concen: 49.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

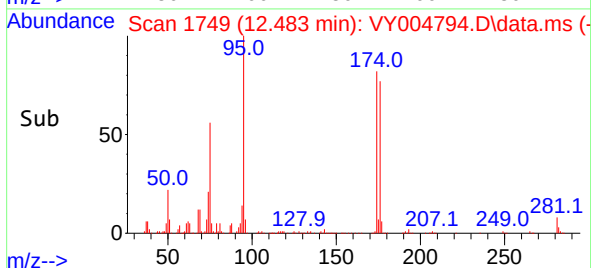
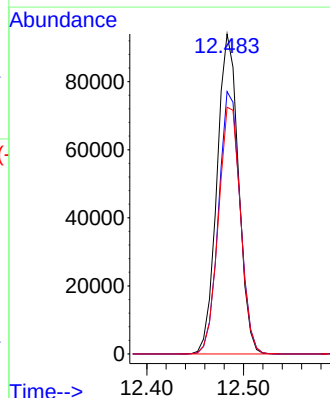
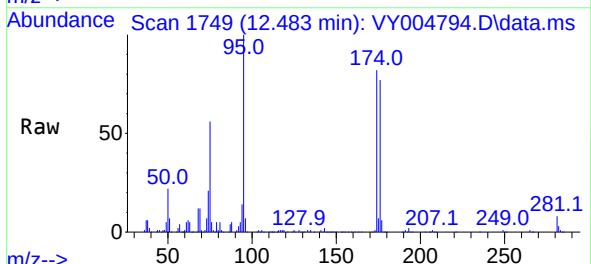
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

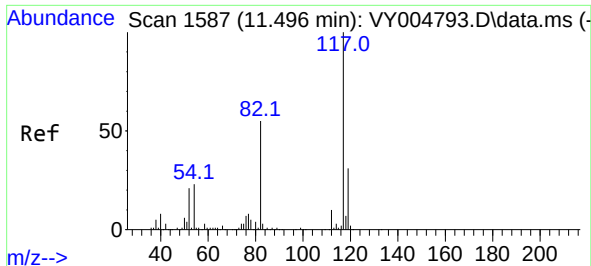
Tgt Ion: 98 Resp: 430080
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 95 Resp: 144922
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.2
176 79.2 0.0 159.0

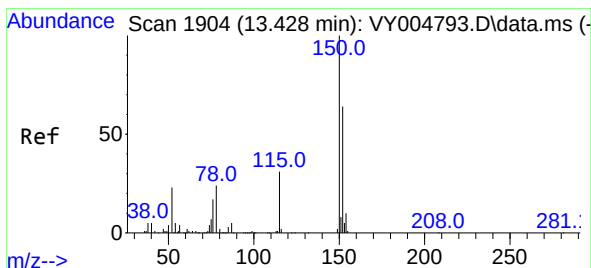
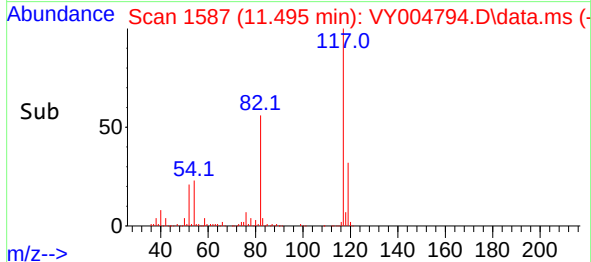
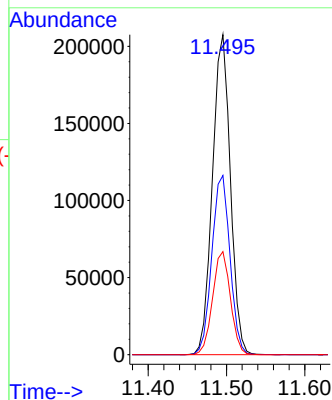
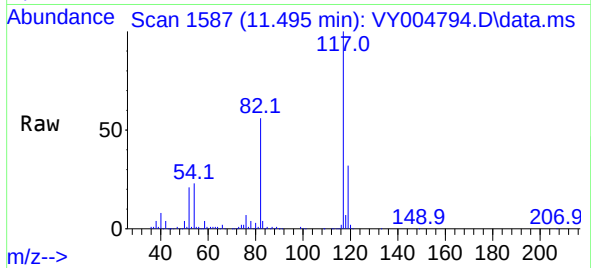




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

Tgt Ion:117 Resp: 330224
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 32.2 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: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion:152 Resp: 148098
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 157.4 0.0 349.8

