

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004833.D
 Acq On : 18 May 2021 17:47
 Operator : SY/MD
 Sample : M2435-16
 Misc : 6.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COTTAGE-B

Quant Time: May 19 01:05:50 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	170603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	306386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	124042	61.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.16%
35) Dibromofluoromethane	7.728	113	96079	57.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.10%
50) Toluene-d8	10.185	98	388656	51.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.18%
62) 4-Bromofluorobenzene	12.483	95	139141	54.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.38%

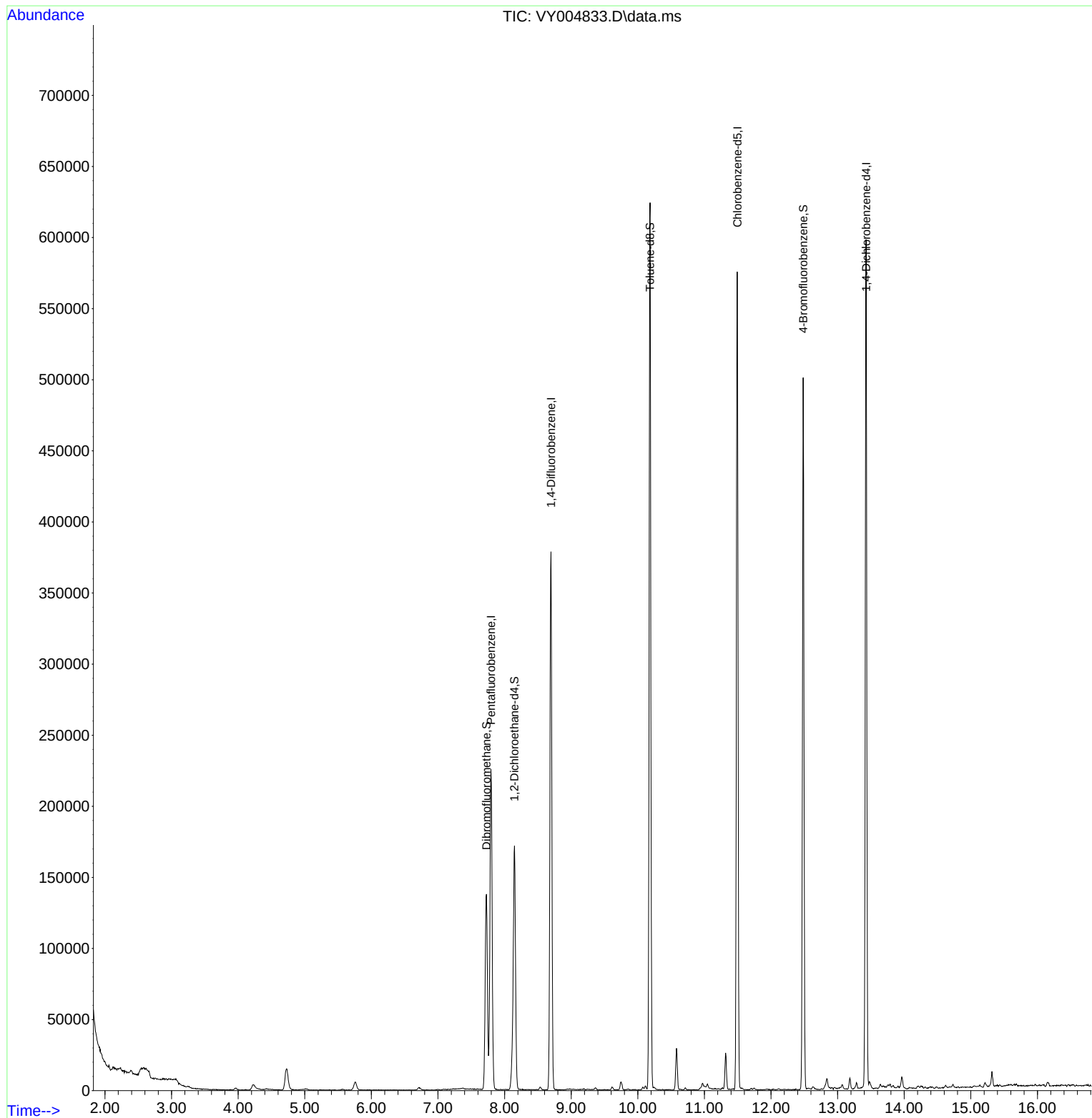
Target Compounds	Qvalue

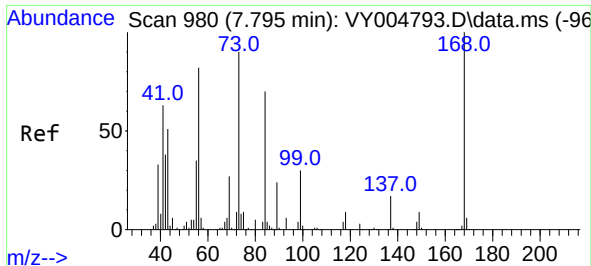
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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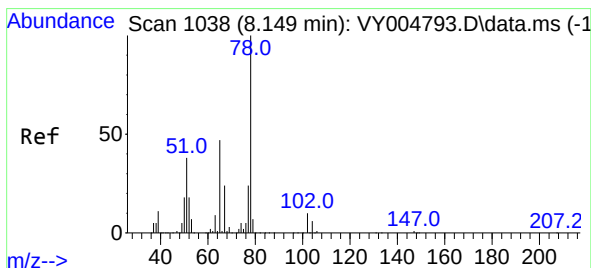
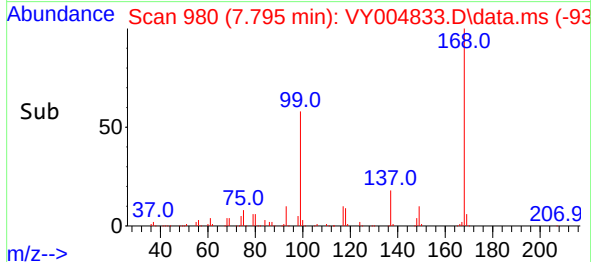
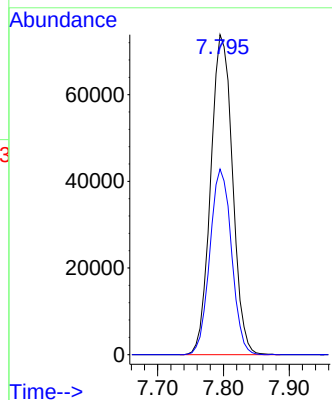
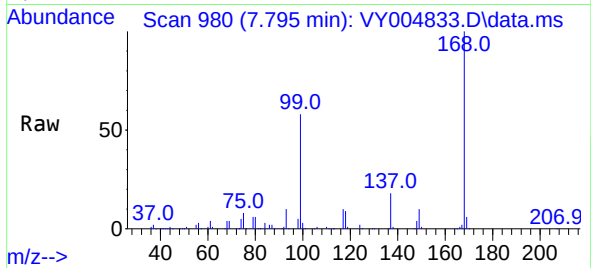




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

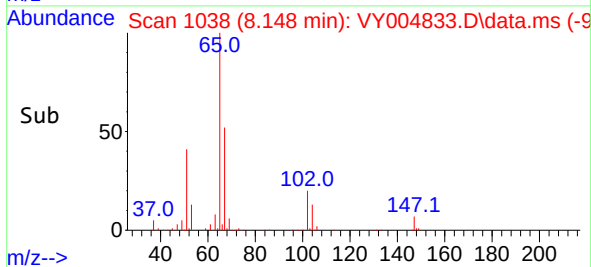
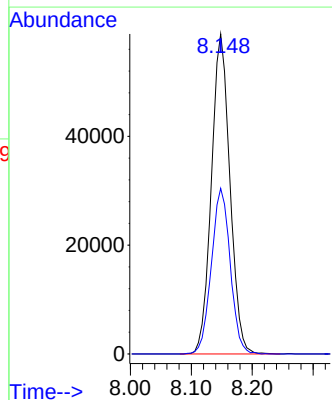
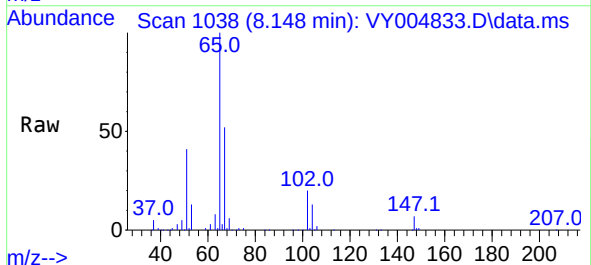
Instrument :
MSVOA_Y
ClientSampleId :
COTTAGE-B

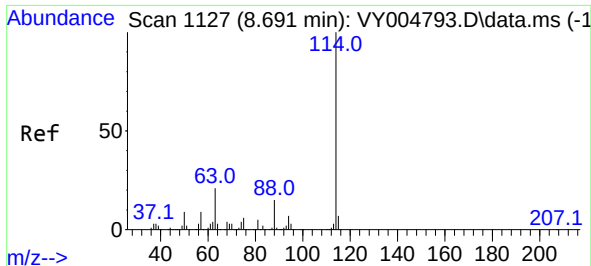
Tgt Ion:168 Resp: 170603
Ion Ratio Lower Upper
168 100
99 58.0 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 61.08 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Tgt Ion: 65 Resp: 124042
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0

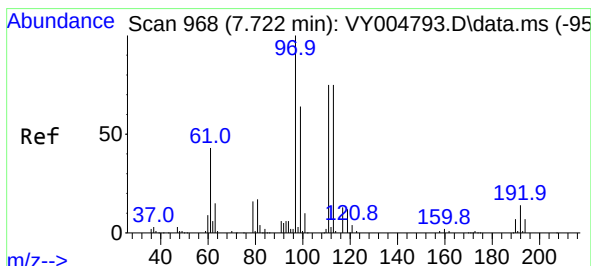
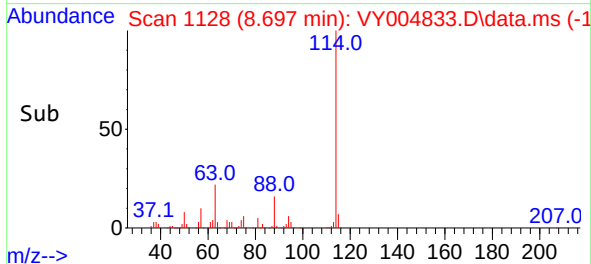
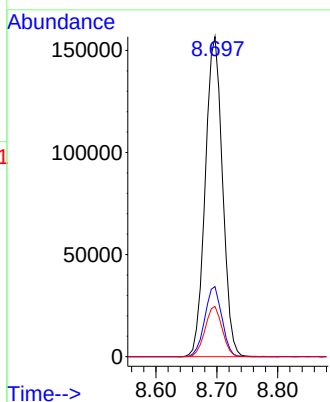
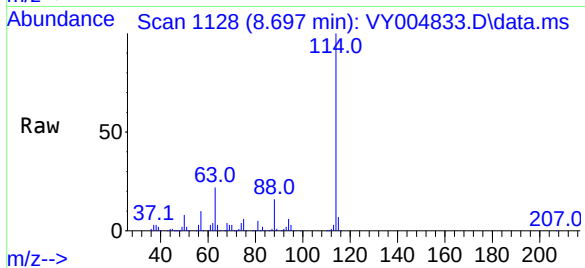




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

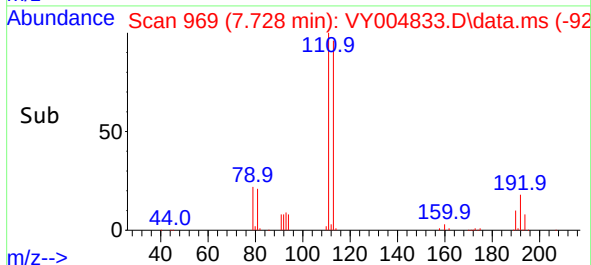
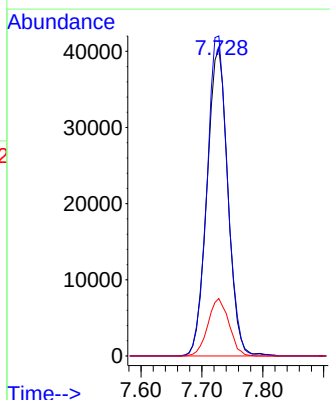
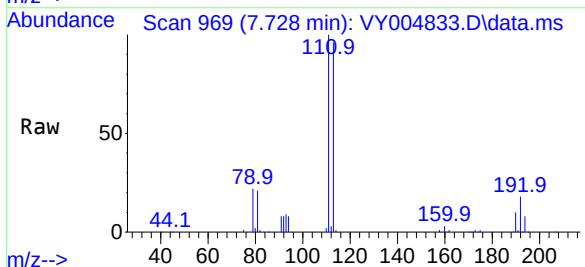
Instrument :
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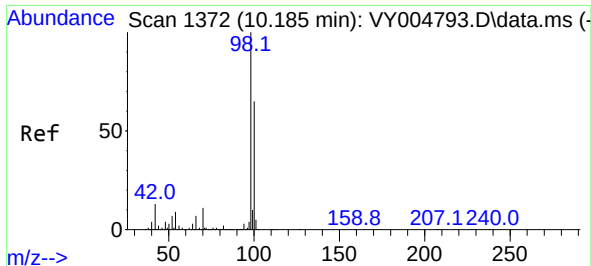
Tgt Ion:114 Resp: 307611
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.8
88 15.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 57.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Tgt Ion:113 Resp: 96079
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 18.8 15.0 22.6

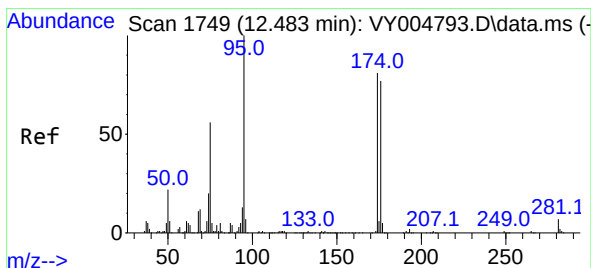
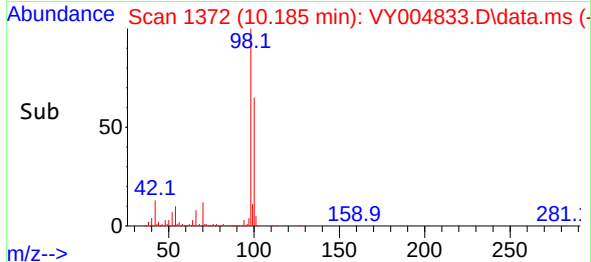
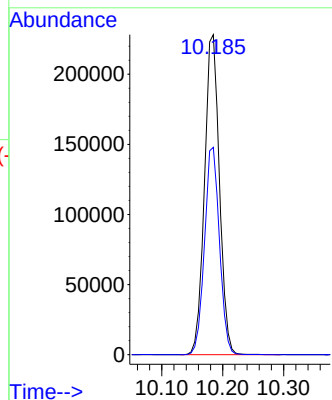
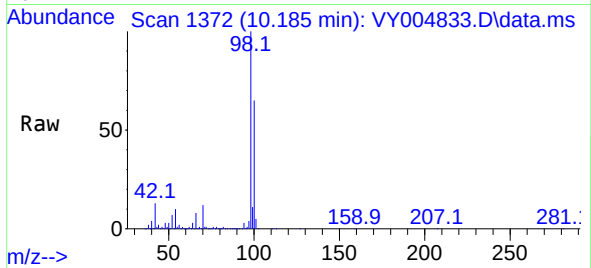




#50
Toluene-d8
Concen: 51.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

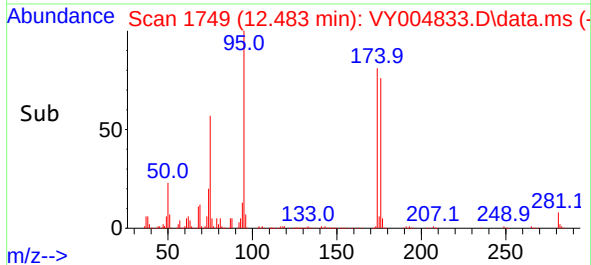
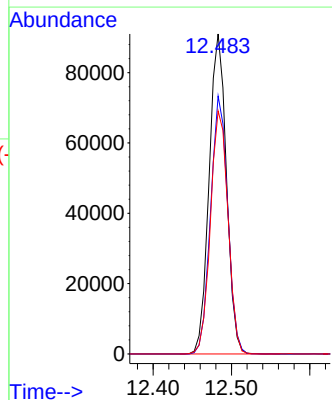
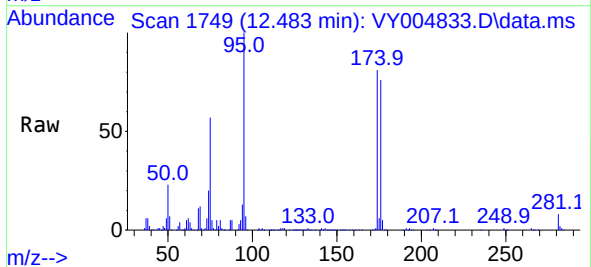
Instrument :
MSVOA_Y
ClientSampleId :
COTTAGE-B

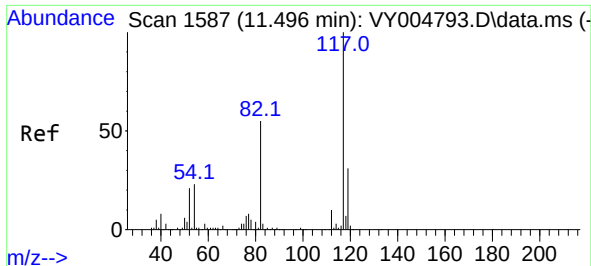
Tgt Ion: 98 Resp: 388656
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Tgt Ion: 95 Resp: 139141
Ion Ratio Lower Upper
95 100
174 79.8 0.0 164.2
176 77.1 0.0 159.0

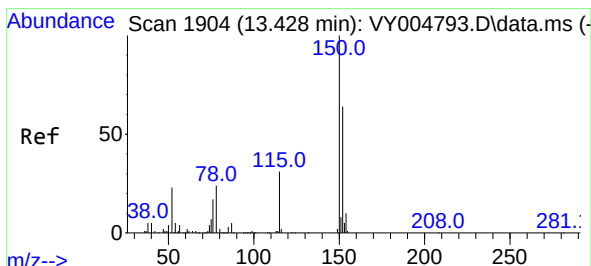
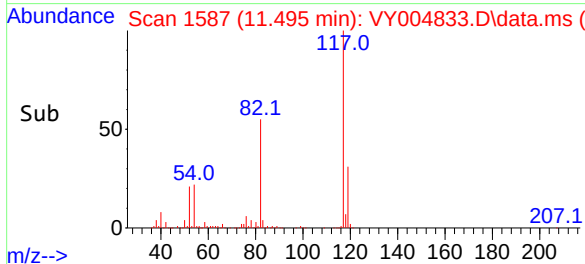
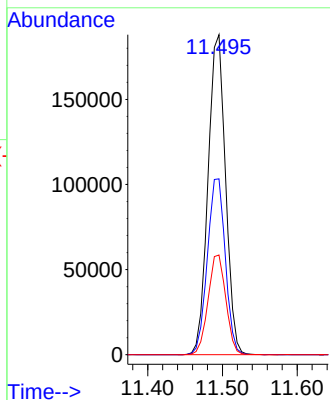
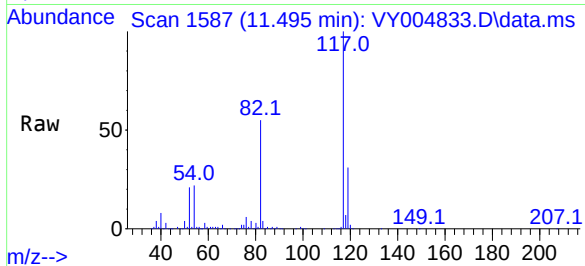




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Instrument :
MSVOA_Y
ClientSampleId :
COTTAGE-B

Tgt Ion:	117	Resp:	306386
Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.4	68.2
119	31.2	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: VY004833.D
Acq: 18 May 2021 17:47

Tgt Ion:	152	Resp:	143450
Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.4	88.3
150	158.3	0.0	349.8

