

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051821\  
 Data File : VY004832.D  
 Acq On : 18 May 2021 17:24  
 Operator : SY/MD  
 Sample : M2435-13  
 Misc : 7.56G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 COTTAGE-A

Quant Time: May 19 01:05:36 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)
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Internal Standards						
1) Pentafluorobenzene	7.795	168	180398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	131795	61.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.76%
35) Dibromofluoromethane	7.728	113	102424	56.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.68%
50) Toluene-d8	10.179	98	417669	51.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.62%
62) 4-Bromofluorobenzene	12.483	95	150644	54.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.68%

Target Compounds Qvalue

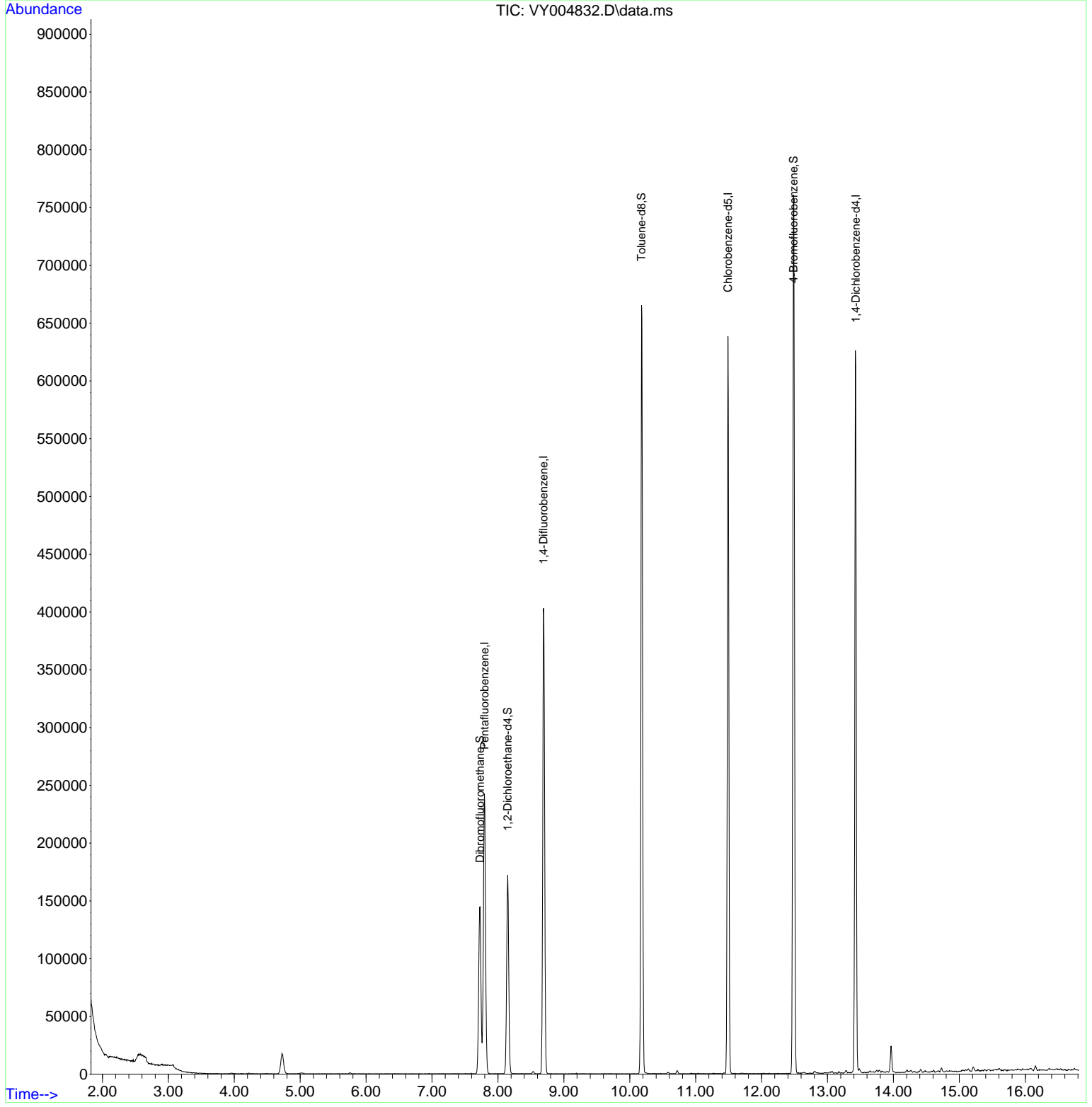
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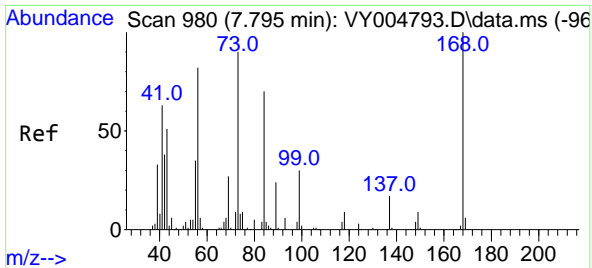
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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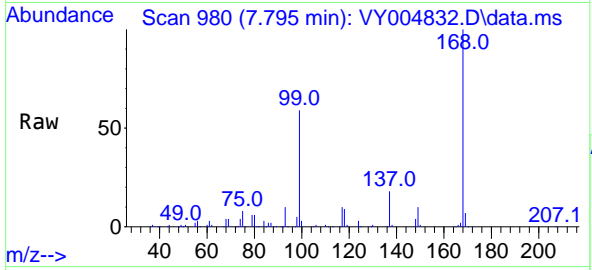
Quant Time: May 19 01:05:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051021S.M  
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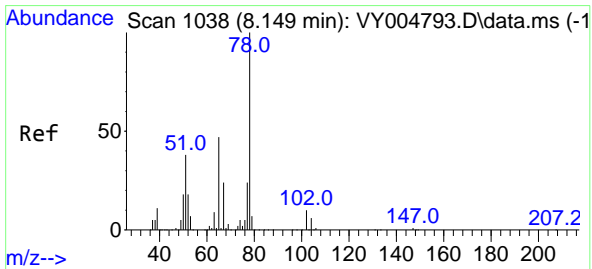
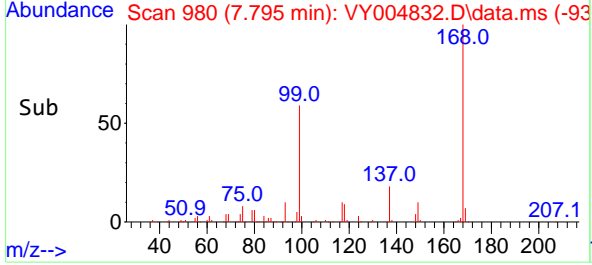
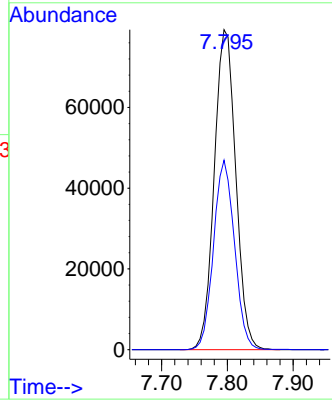


Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.795 min Scan# 980  
 Delta R.T. -0.000 min  
 Lab File: VY004832.D  
 Acq: 18 May 2021 17:24

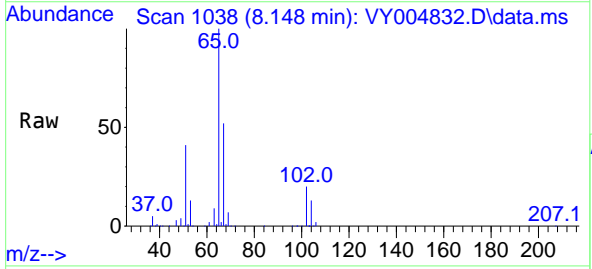
Instrument : MSVOA\_Y  
 ClientSampled : COTTAGE-A



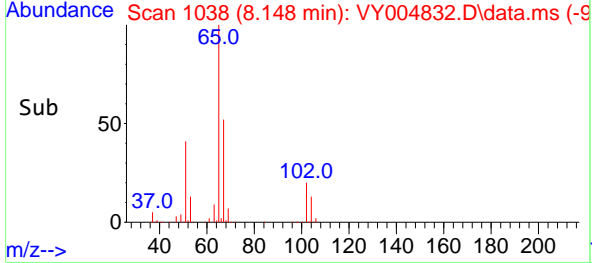
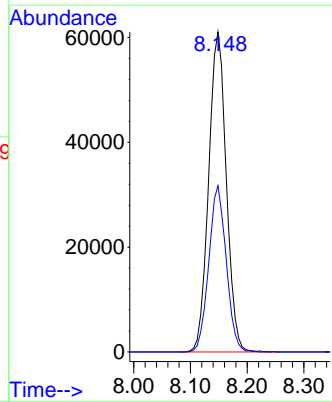
Tgt Ion:168 Resp: 180398  
 Ion Ratio Lower Upper  
 168 100  
 99 59.2 45.6 68.4

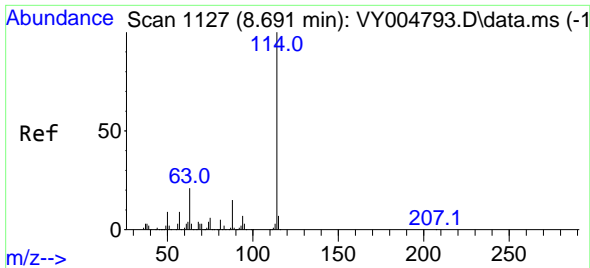


1,2-Dichloroethane-d4  
 Concen: 61.38 ug/l  
 RT: 8.148 min Scan# 1038  
 Delta R.T. -0.000 min  
 Lab File: VY004832.D  
 Acq: 18 May 2021 17:24



Tgt Ion: 65 Resp: 131795  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 108.0

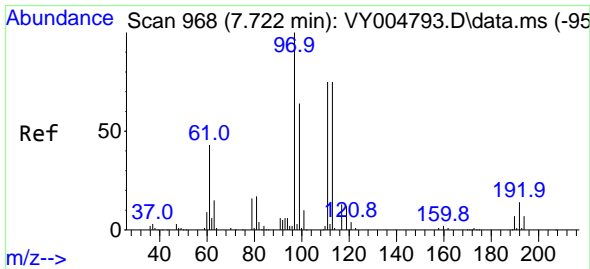
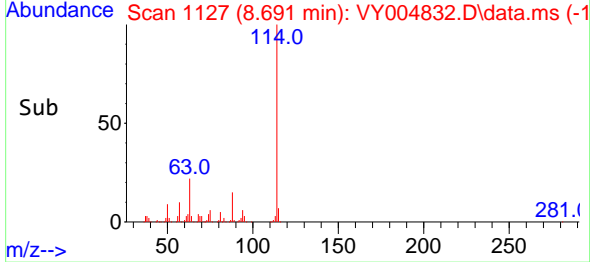
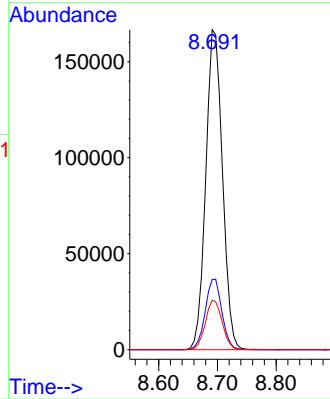
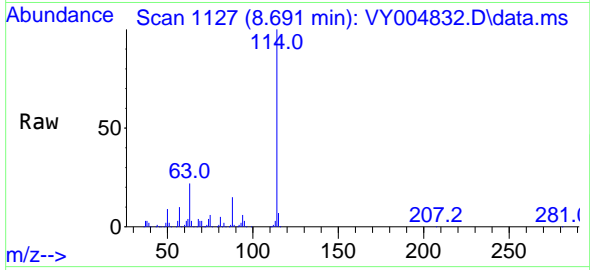




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. -0.006 min  
 Lab File: VY004832.D  
 Acq: 18 May 2021 17:24

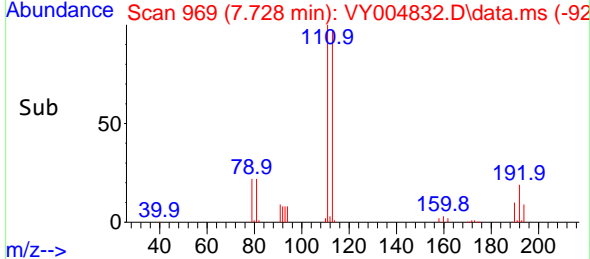
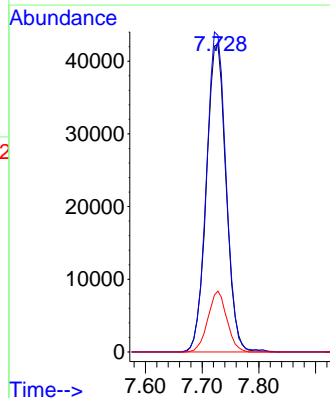
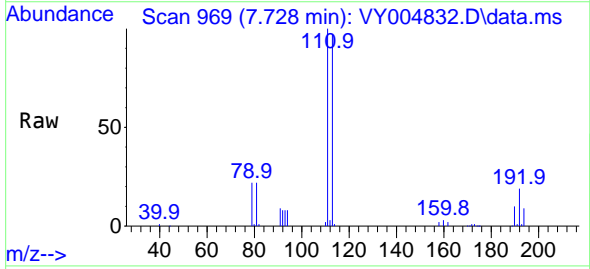
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 COTTAGE-A

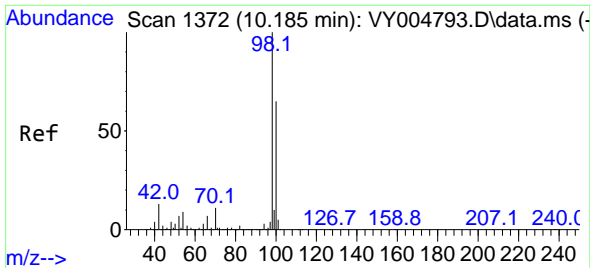
Tgt Ion	Resp	Lower	Upper
114	100		
63	21.9	0.0	42.8
88	15.5	0.0	31.0



#35  
 Dibromofluoromethane  
 Concen: 56.84 ug/l  
 RT: 7.728 min Scan# 969  
 Delta R.T. -0.000 min  
 Lab File: VY004832.D  
 Acq: 18 May 2021 17:24

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.6	80.5	120.7
192	19.0	15.0	22.6

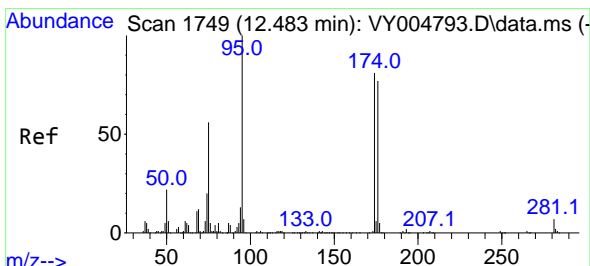
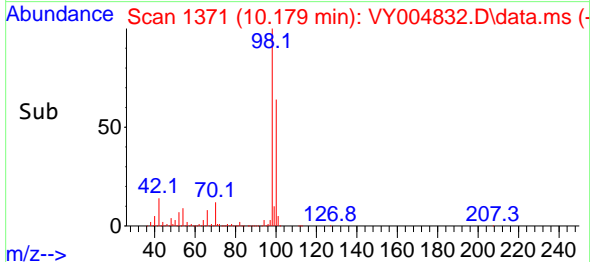
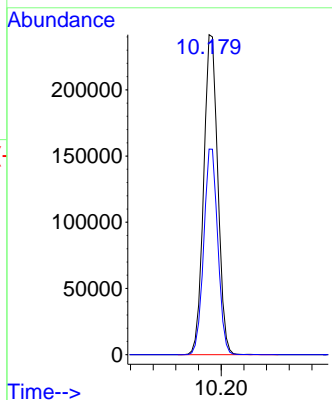
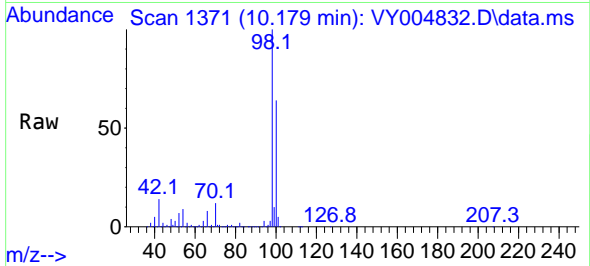




#50  
 Toluene-d8  
 Concen: 51.31 ug/l  
 RT: 10.179 min Scan# 1371  
 Delta R.T. -0.006 min  
 Lab File: VY004832.D  
 Acq: 18 May 2021 17:24

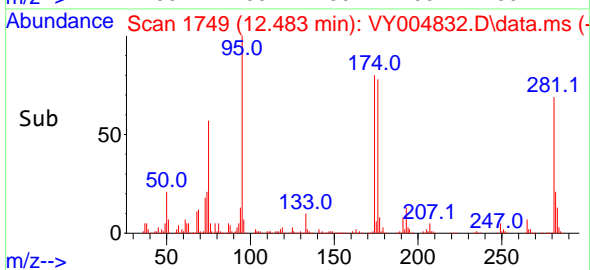
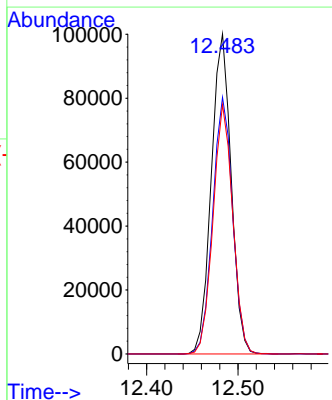
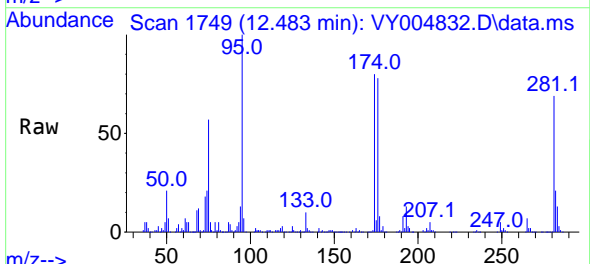
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 COTTAGE-A

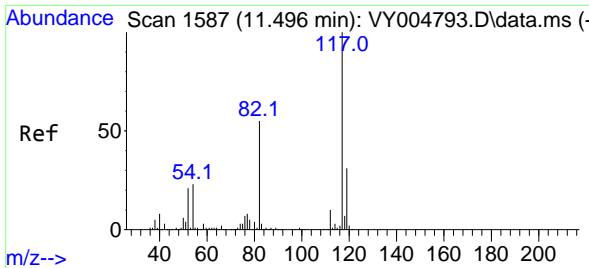
Tgt Ion: 98 Resp: 417669  
 Ion Ratio Lower Upper  
 98 100  
 100 63.8 51.5 77.3



#62  
 4-Bromofluorobenzene  
 Concen: 54.84 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. -0.000 min  
 Lab File: VY004832.D  
 Acq: 18 May 2021 17:24

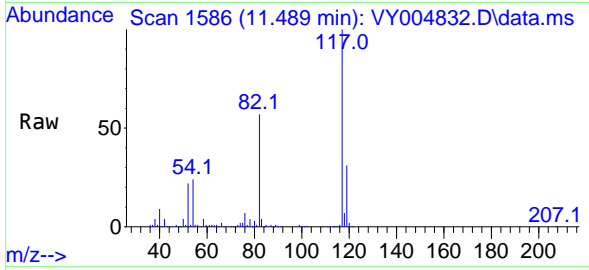
Tgt Ion: 95 Resp: 150644  
 Ion Ratio Lower Upper  
 95 100  
 174 80.5 0.0 164.2  
 176 77.4 0.0 159.0





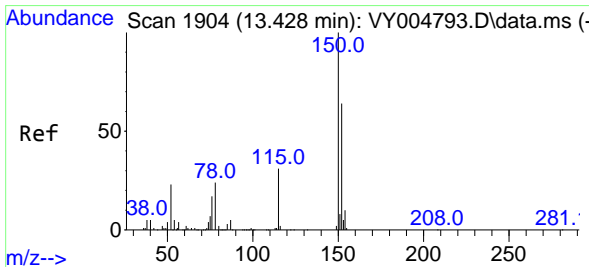
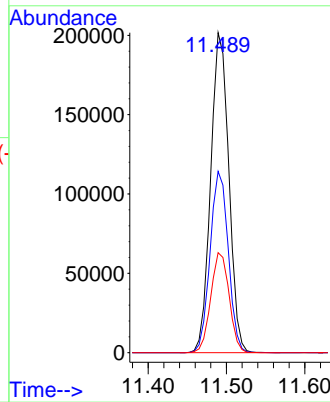
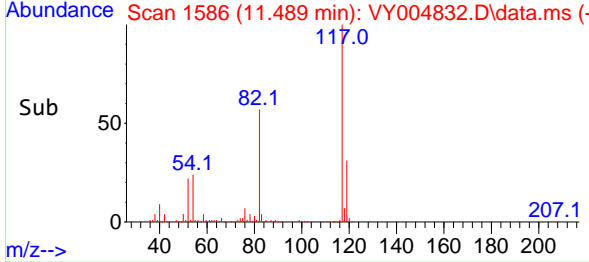
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.489 min Scan# 1586  
 Delta R.T. -0.000 min  
 Lab File: VY004832.D  
 Acq: 18 May 2021 17:24

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 COTTAGE-A

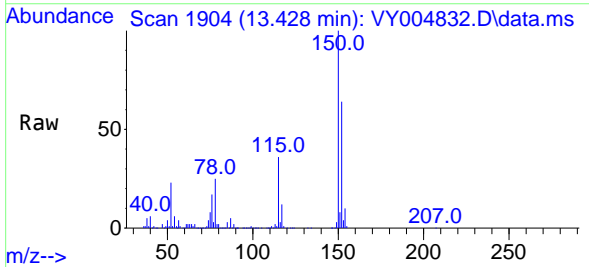


Tgt Ion:117 Resp: 324003

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.2
119	31.3	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: VY004832.D  
 Acq: 18 May 2021 17:24



Tgt Ion:152 Resp: 151136

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.4	88.3
150	158.5	0.0	349.8

