

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005205.D
 Acq On : 24 Jun 2021 12:55
 Operator : SY/MD
 Sample : M2829-03
 Misc : 5.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15B-STOCKPILE-2B

Quant Time: Jun 25 04:33:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

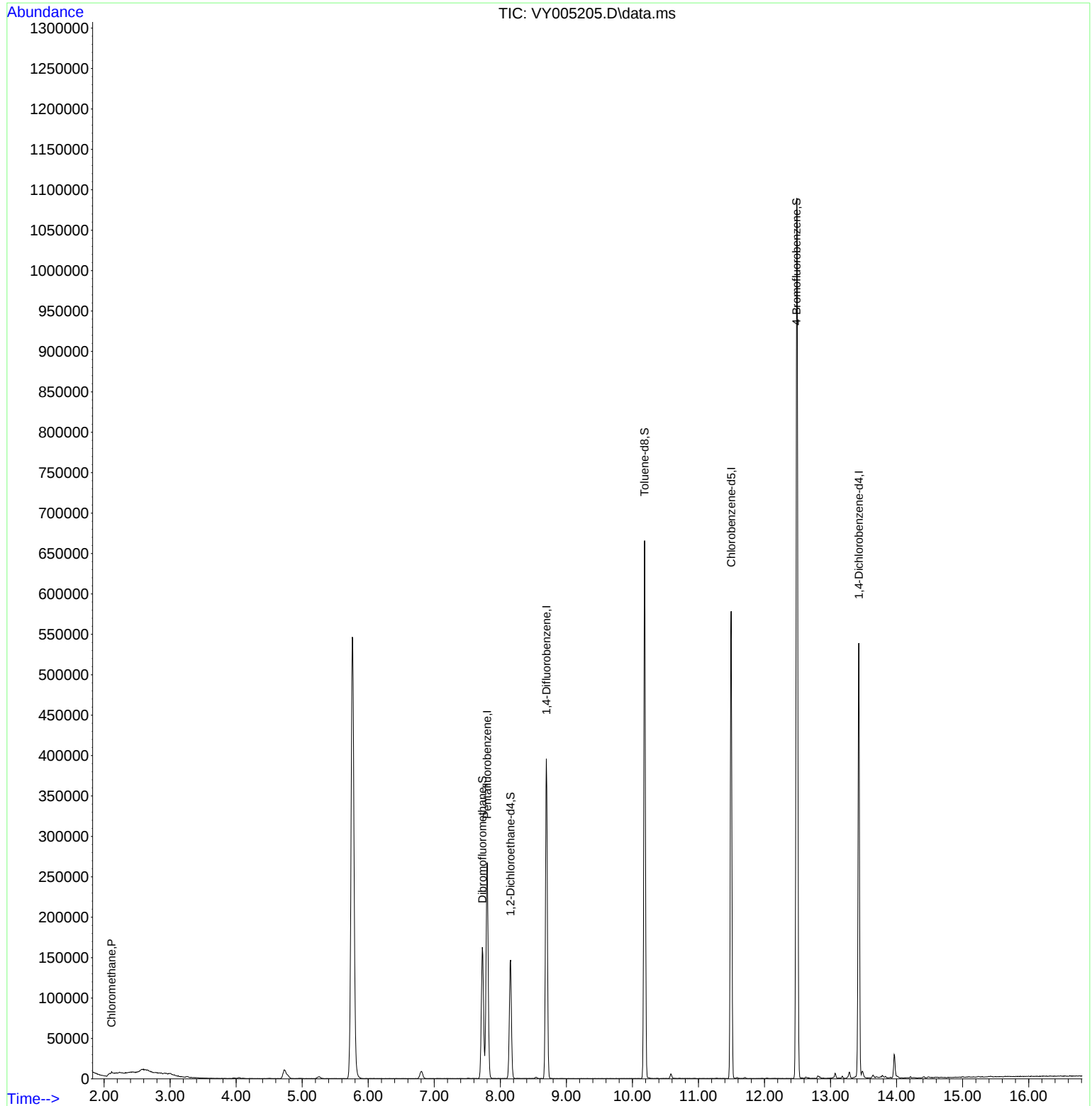
Internal Standards						
1) Pentafluorobenzene	7.801	168	229067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	338606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	114281	60.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.240%	
35) Dibromofluoromethane	7.728	113	113992	52.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.940%	
50) Toluene-d8	10.185	98	437790	50.871	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.483	95	138520	48.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.600%	
Target Compounds						
3) Chloromethane	2.113	50	2165	1.079	ug/l	Qvalue 99

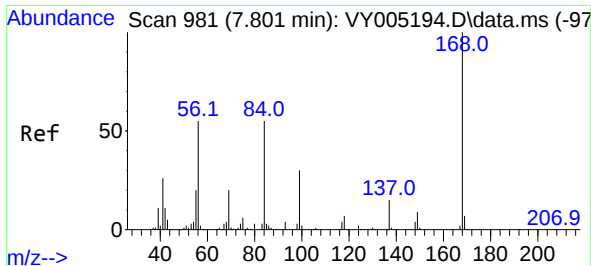
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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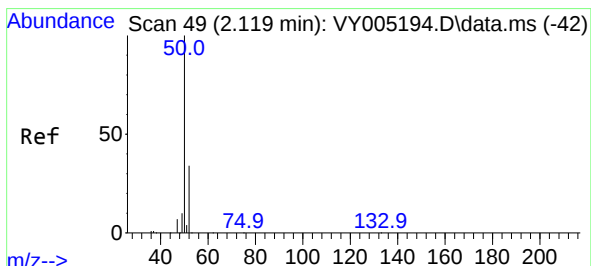
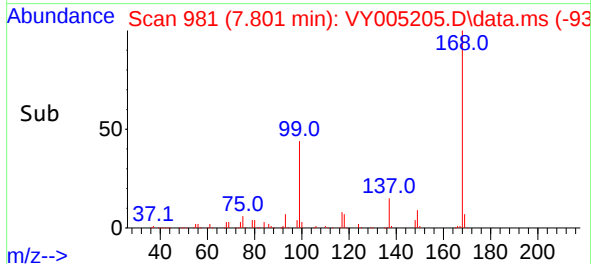
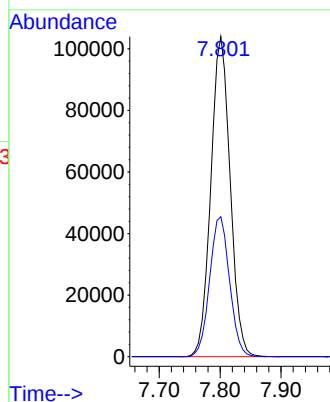
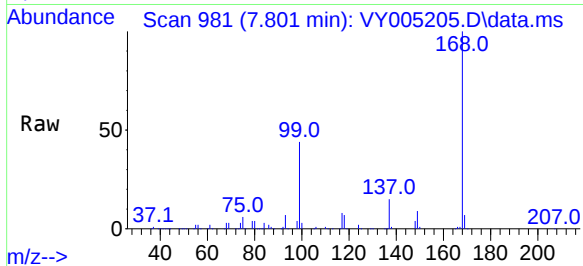




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

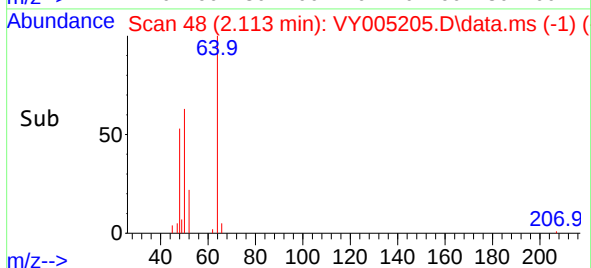
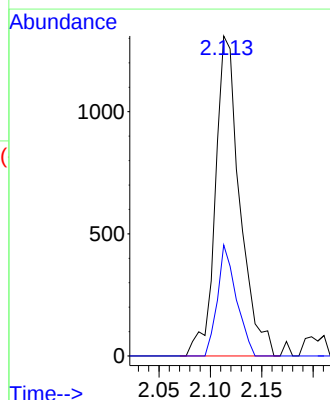
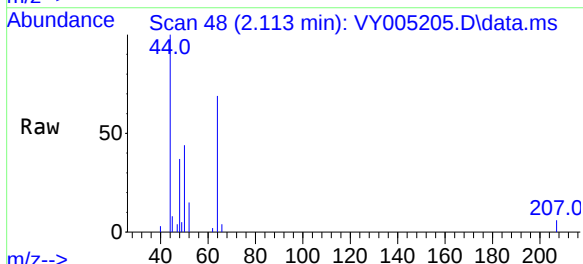
Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-2B

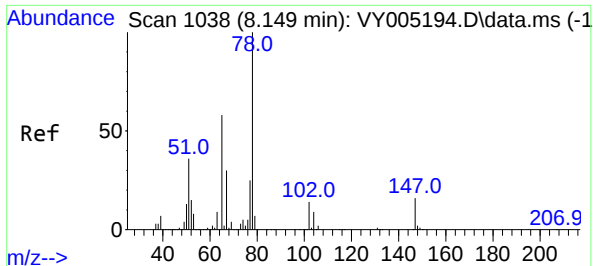
Tgt Ion:168 Resp: 229067
Ion Ratio Lower Upper
168 100
99 43.7 36.2 54.4



#3
Chloromethane
Concen: 1.079 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion: 50 Resp: 2165
Ion Ratio Lower Upper
50 100
52 34.7 27.4 41.2

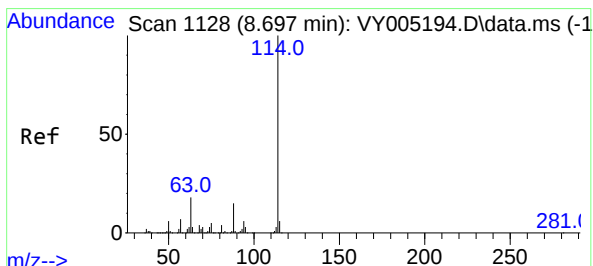
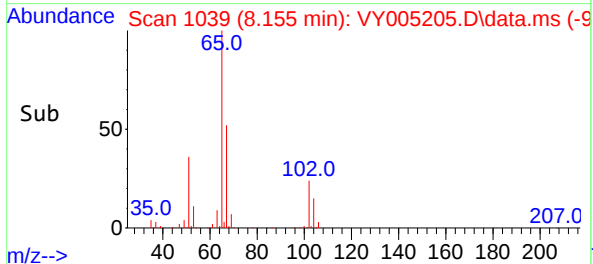
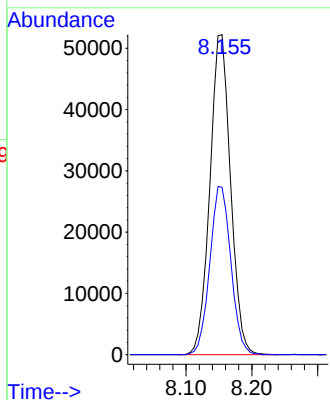
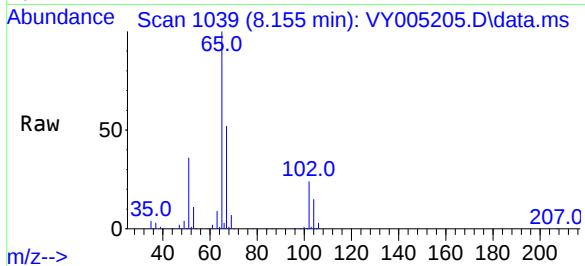




#33
1,2-Dichloroethane-d4
Concen: 60.119 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

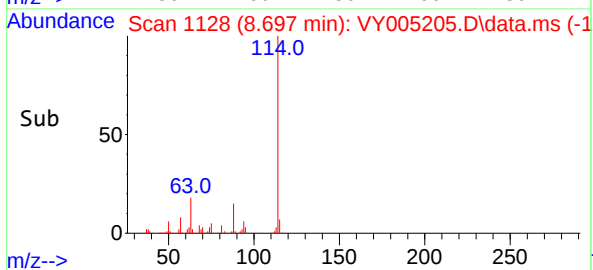
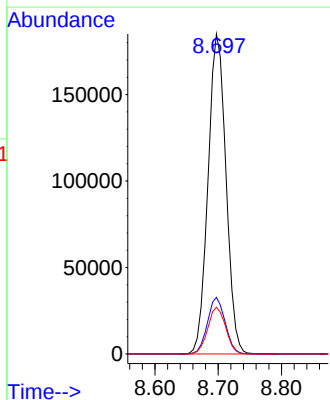
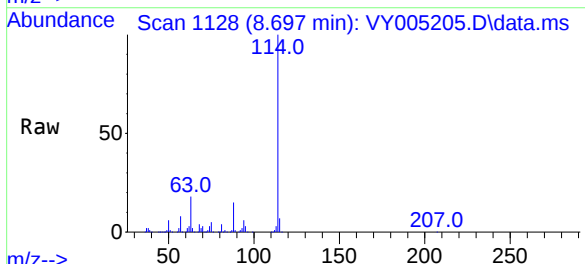
Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-2B

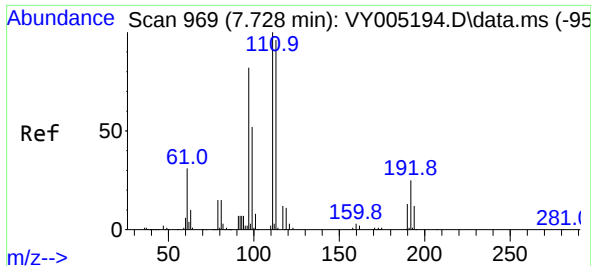
Tgt Ion: 65 Resp: 114281
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion:114 Resp: 364889
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.6 0.0 29.4

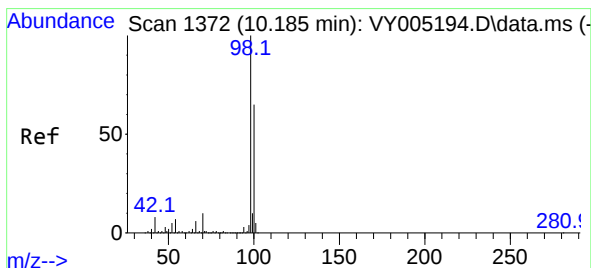
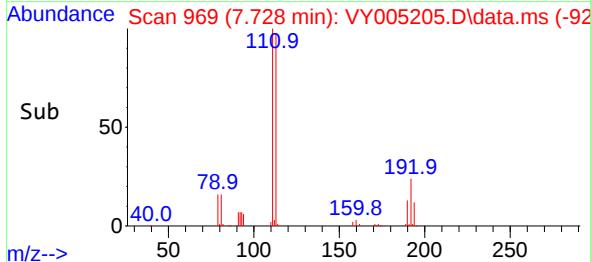
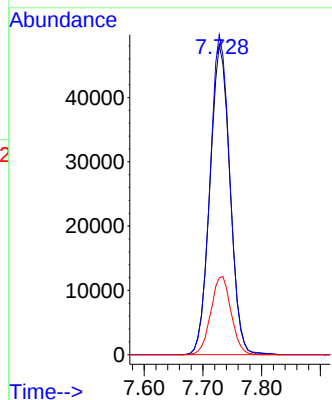
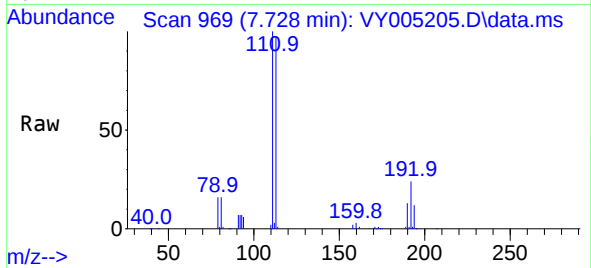




#35
Dibromofluoromethane
Concen: 52.972 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

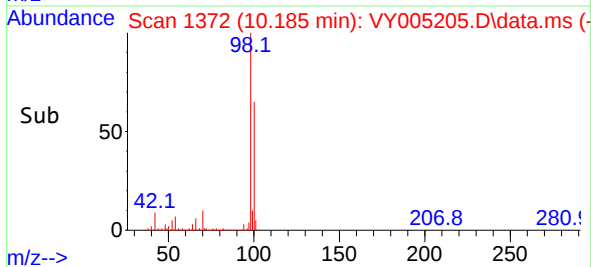
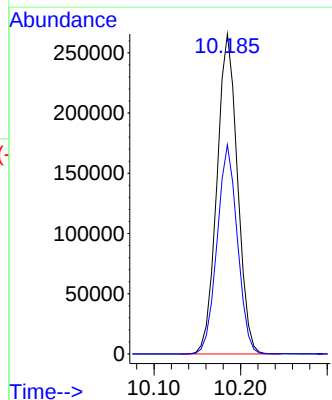
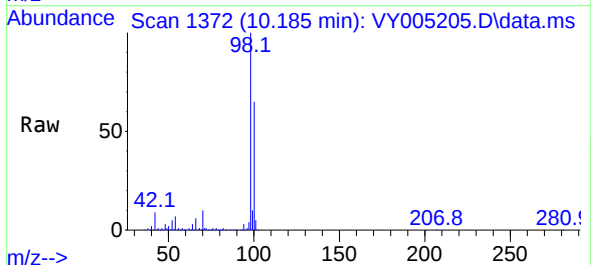
Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-2B

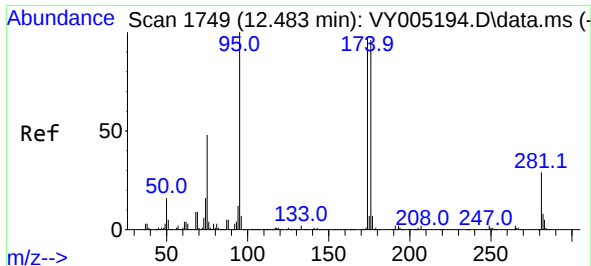
Tgt Ion:113 Resp: 113992
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 25.5 20.2 30.2



#50
Toluene-d8
Concen: 50.871 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion: 98 Resp: 437790
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

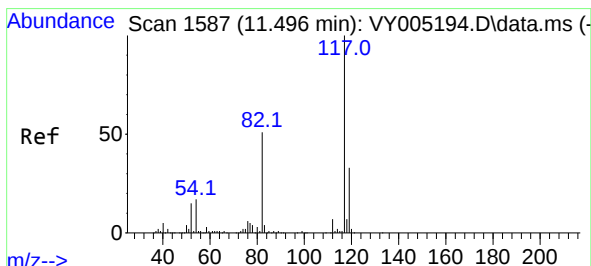
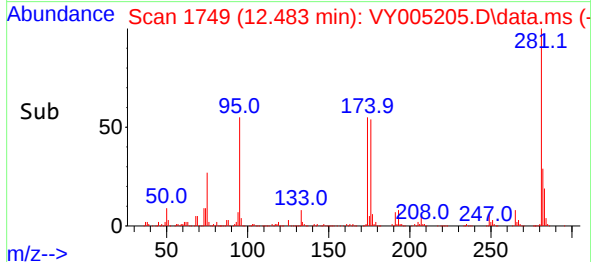
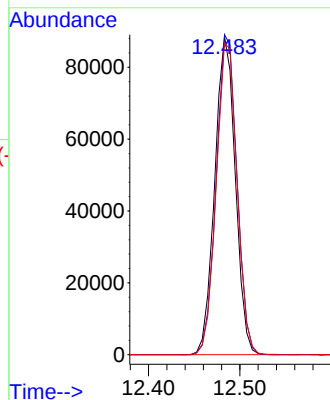
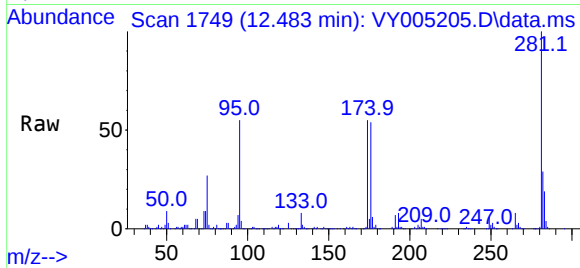




#62
4-Bromofluorobenzene
Concen: 48.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

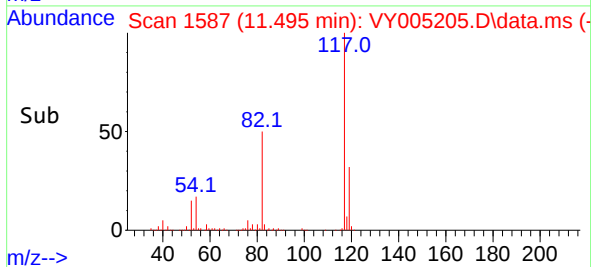
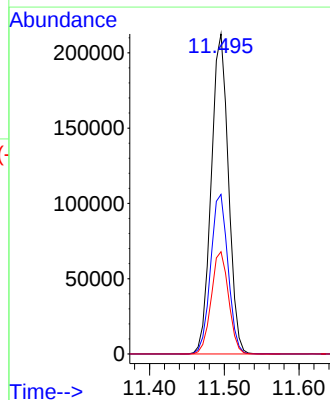
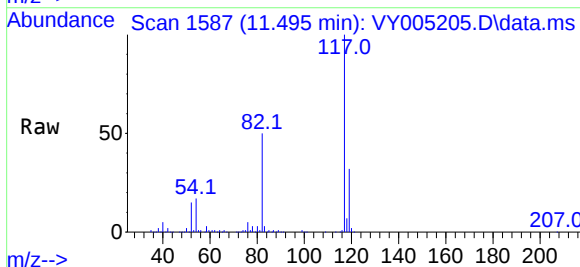
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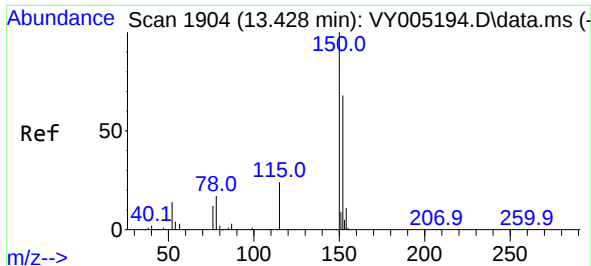
Tgt Ion:	95	Resp:	138520
Ion Ratio	Lower	Upper	
95	100		
174	101.3	0.0	201.6
176	99.1	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005205.D
Acq: 24 Jun 2021 12:55

Tgt Ion:	117	Resp:	338606
Ion Ratio	Lower	Upper	
117	100		
82	49.9	40.6	60.8
119	32.0	26.1	39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005205.D
 Acq: 24 Jun 2021 12:55

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 148828
 Ion Ratio Lower Upper
 152 100
 115 51.9 26.3 78.8
 150 155.8 0.0 344.2

