

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004361.D
 Acq On : 09 Apr 2021 16:32
 Operator : SY/MD
 Sample : M1967-04
 Misc : 4.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1B

Quant Time: Apr 10 02:04:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

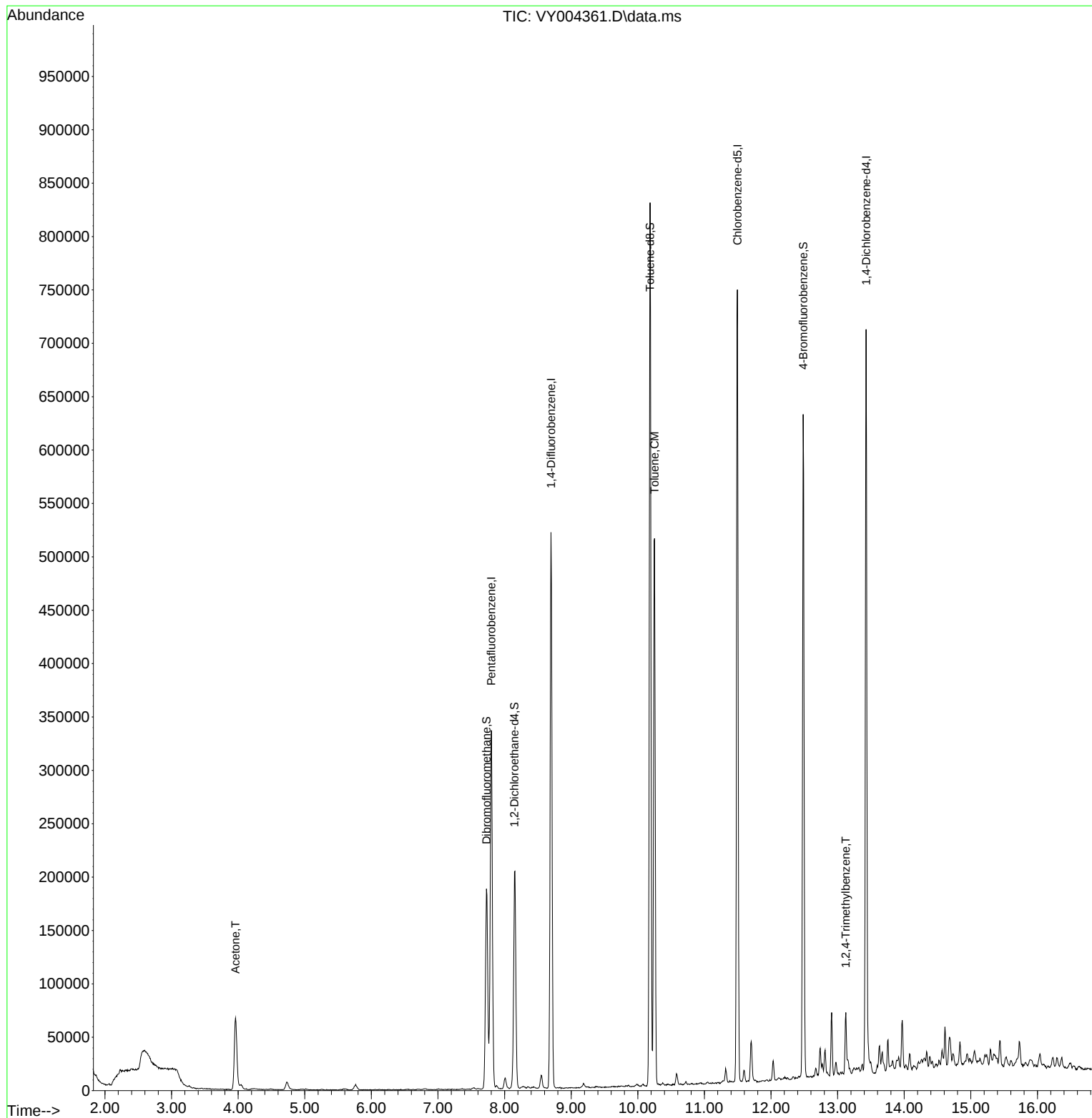
Internal Standards						
1) Pentafluorobenzene	7.801	168	249173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	432973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	395484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	158896	66.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.68%	
35) Dibromofluoromethane	7.728	113	133809	55.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.92%	
50) Toluene-d8	10.184	98	523473	57.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.38%	
62) 4-Bromofluorobenzene	12.483	95	182391	58.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.30%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	120154	240.77	ug/l	95
52) Toluene	10.252	92	214805	29.82	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	30106	2.97	ug/l	100

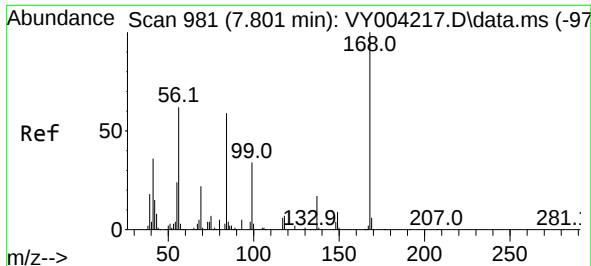
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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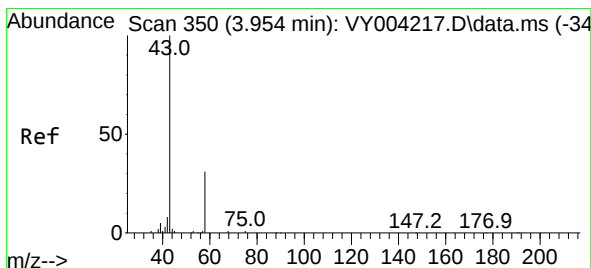
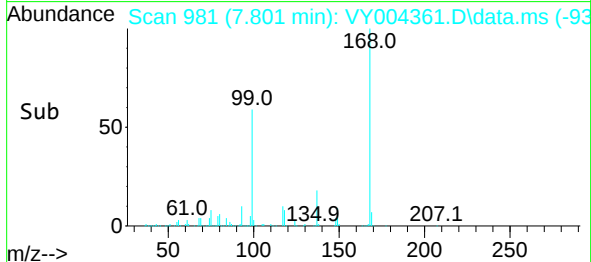
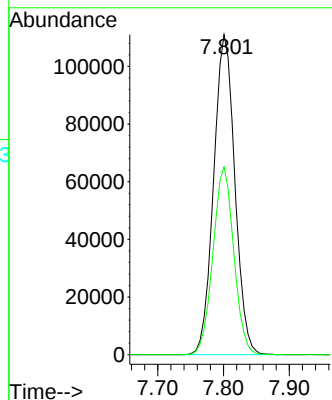
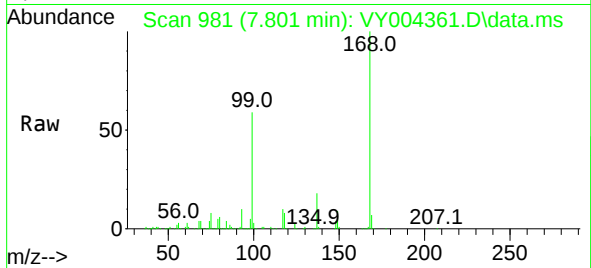




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

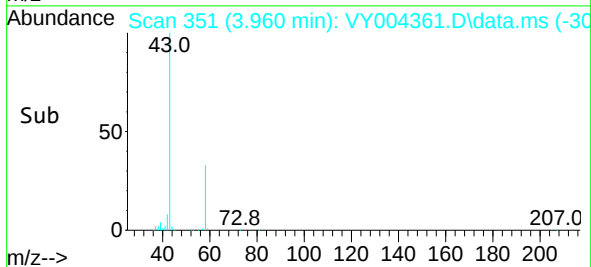
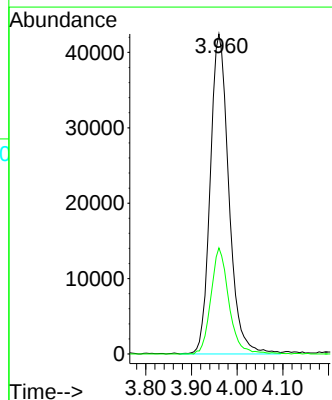
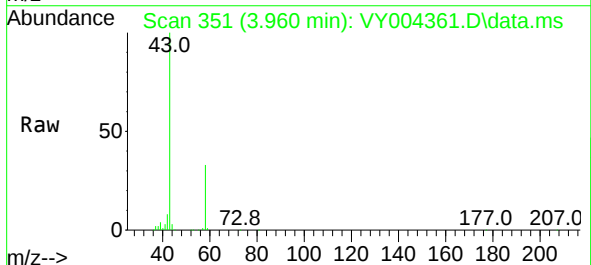
Instrument :
MSVOA_Y
ClientSampled :
SED-1B

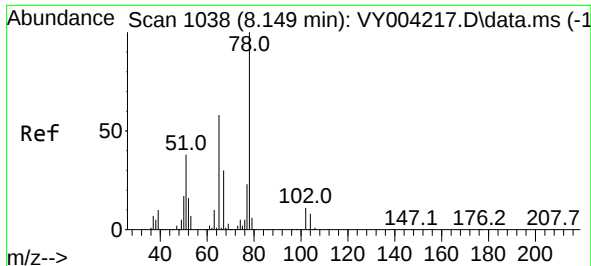
Tgt Ion:168 Resp: 249173
Ion Ratio Lower Upper
168 100
99 58.7 42.6 64.0



#16
Acetone
Concen: 240.77 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion: 43 Resp: 120154
Ion Ratio Lower Upper
43 100
58 33.2 24.5 36.7

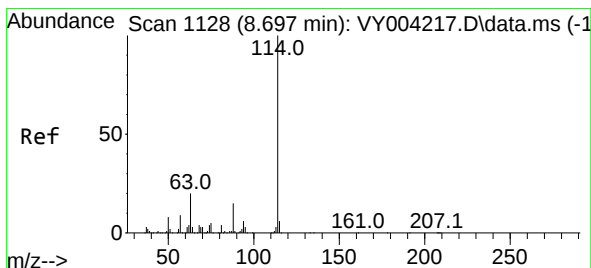
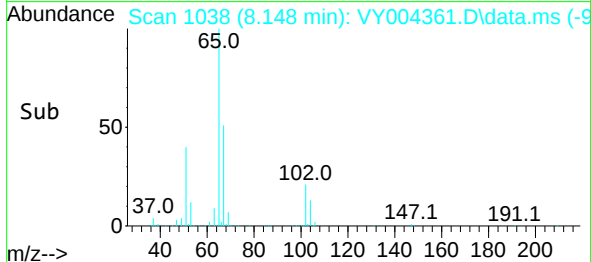
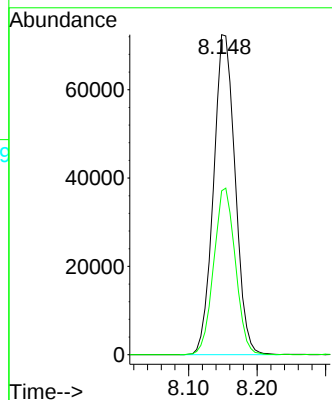
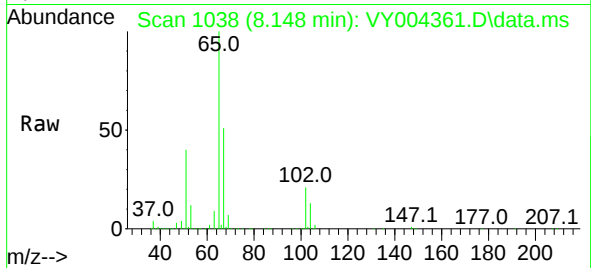




#33
 1,2-Dichloroethane-d4
 Concen: 66.34 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.001 min
 Lab File: VY004361.D
 Acq: 09 Apr 2021 16:32

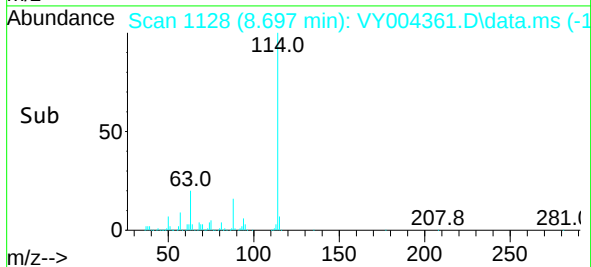
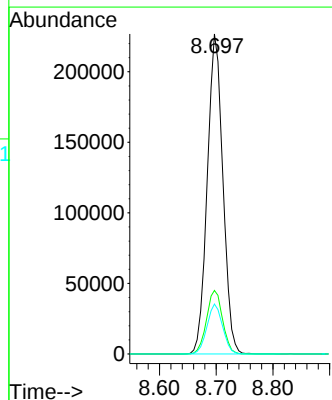
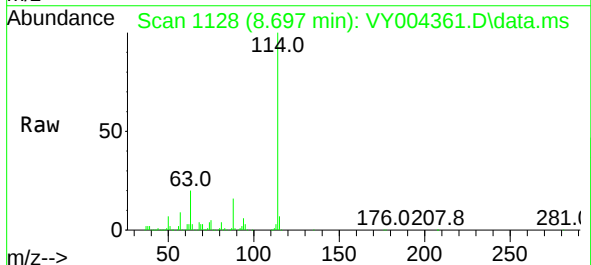
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1B

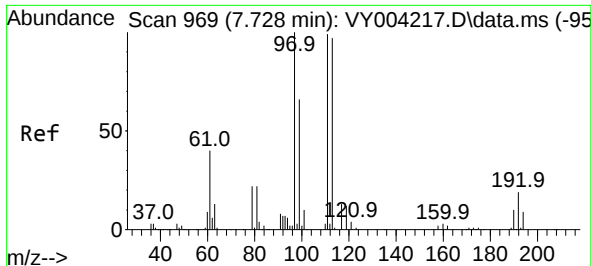
Tgt Ion: 65 Resp: 158896
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004361.D
 Acq: 09 Apr 2021 16:32

Tgt Ion: 114 Resp: 432973
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.4
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.46 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.001 min

Lab File: VY004361.D

Acq: 09 Apr 2021 16:32

Instrument :

MSVOA_Y

ClientSampleId :

SED-1B

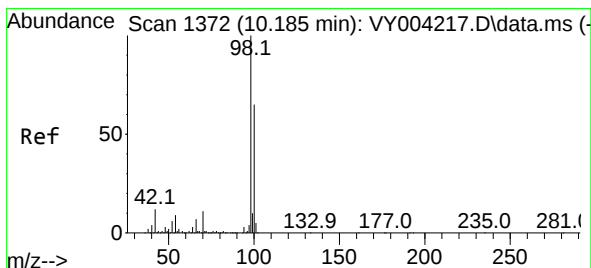
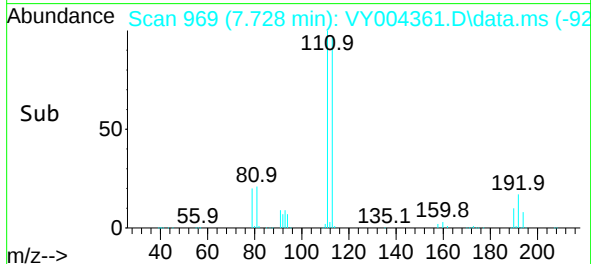
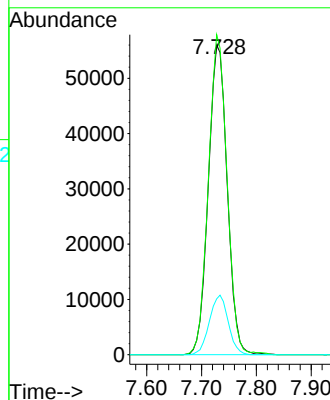
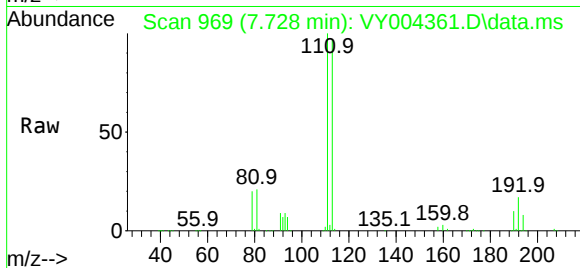
Tgt Ion:113 Resp: 133809

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.1 16.4 24.6



#50

Toluene-d8

Concen: 57.69 ug/l

RT: 10.184 min Scan# 1372

Delta R.T. -0.001 min

Lab File: VY004361.D

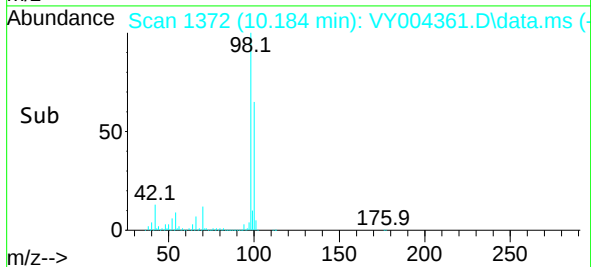
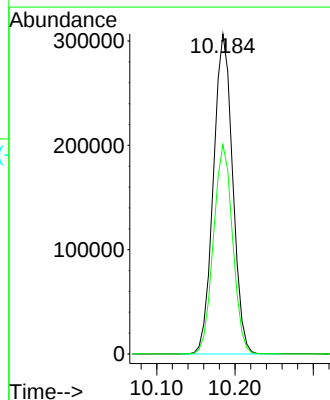
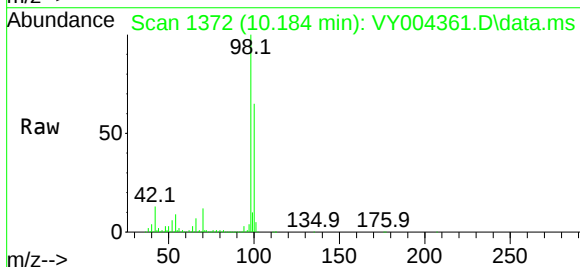
Acq: 09 Apr 2021 16:32

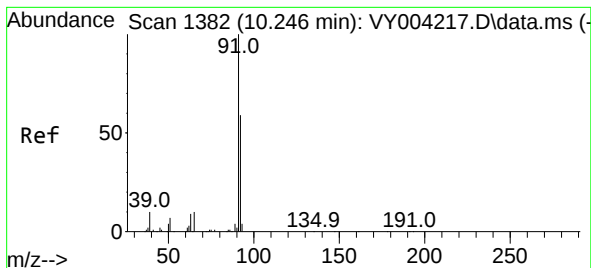
Tgt Ion: 98 Resp: 523473

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7





#52

Toluene

Concen: 29.82 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY004361.D

Acq: 09 Apr 2021 16:32

Tgt Ion: 92 Resp: 214805

Ion Ratio Lower Upper

92 100

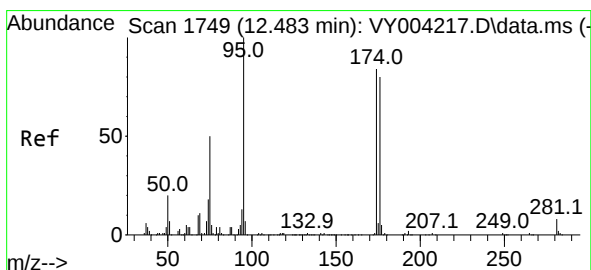
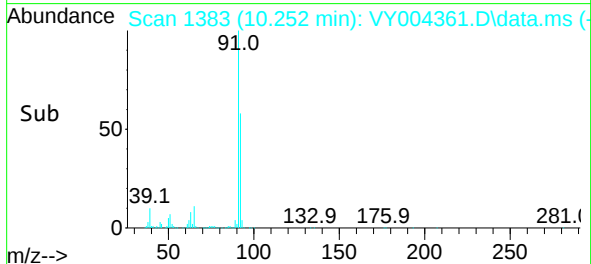
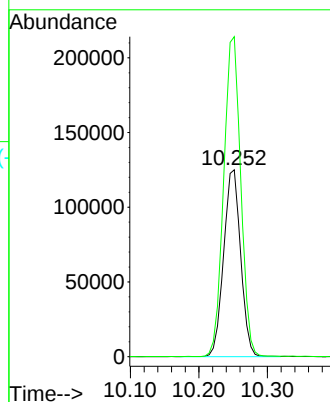
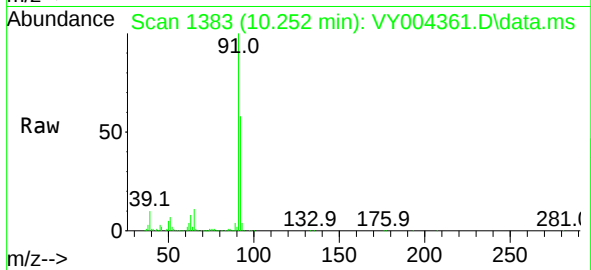
91 171.9 136.0 204.0

Instrument :

MSVOA_Y

ClientSampleId :

SED-1B



#62

4-Bromofluorobenzene

Concen: 58.65 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VY004361.D

Acq: 09 Apr 2021 16:32

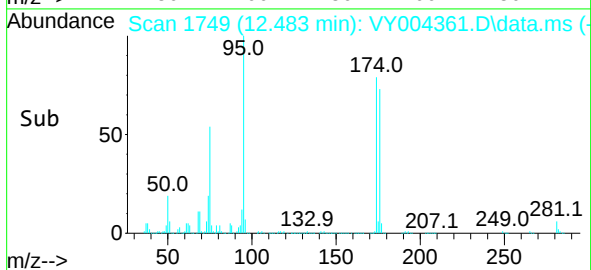
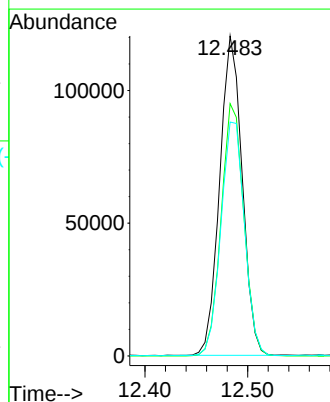
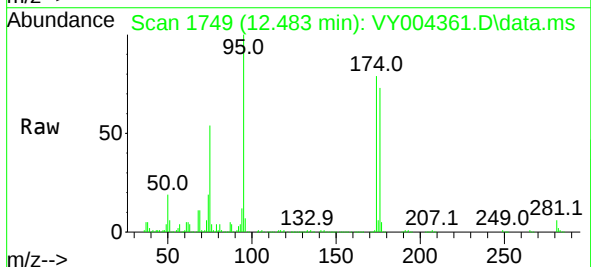
Tgt Ion: 95 Resp: 182391

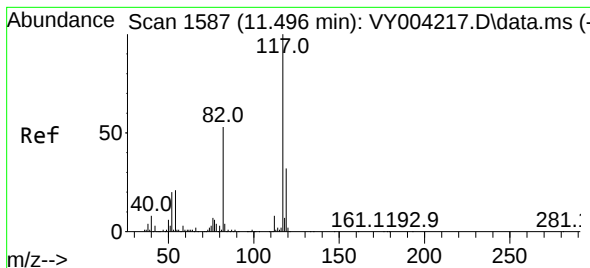
Ion Ratio Lower Upper

95 100

174 79.9 0.0 171.4

176 76.5 0.0 165.6

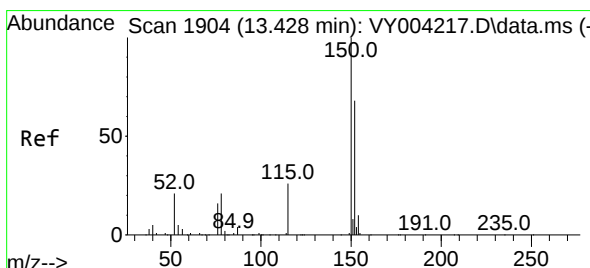
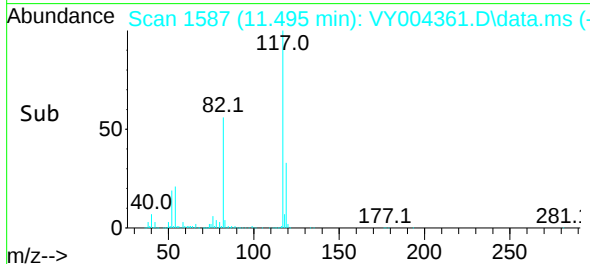
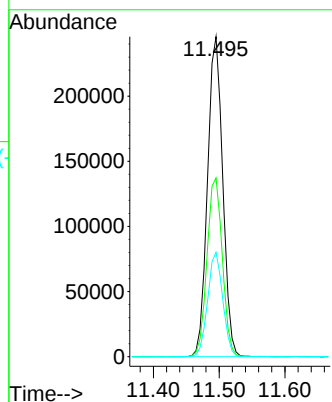
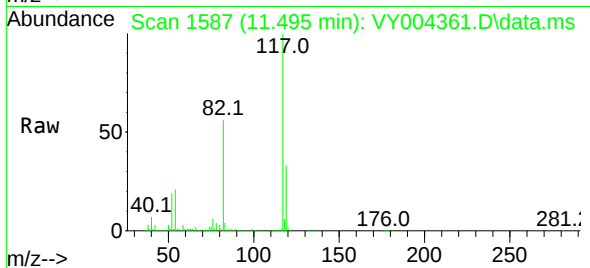




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

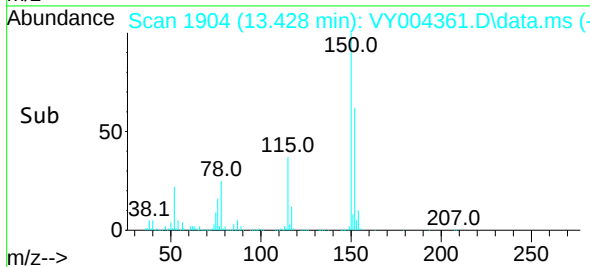
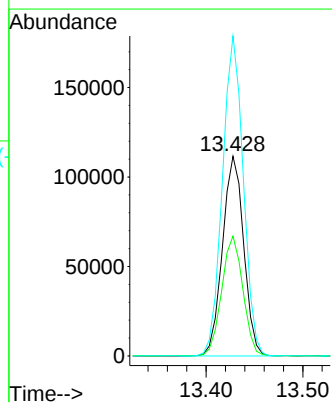
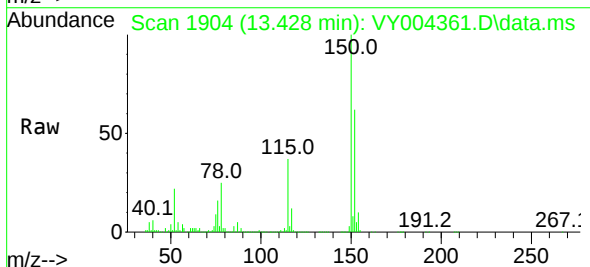
Instrument :
MSVOA_Y
ClientSampleId :
SED-1B

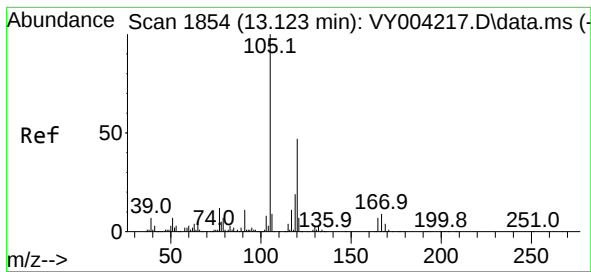
Tgt Ion:117 Resp: 395484
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion:152 Resp: 169703
Ion Ratio Lower Upper
152 100
115 59.7 29.0 87.1
150 157.6 0.0 347.4





#84
 1,2,4-Trimethylbenzene
 Concen: 2.97 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY004361.D
 Acq: 09 Apr 2021 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1B

Tgt Ion:105 Resp: 30106
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.7

