

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004455.D
 Acq On : 15 Apr 2021 20:47
 Operator : SY/MD
 Sample : M2049-08
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-5.5-6.0

Quant Time: Apr 16 05:07:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

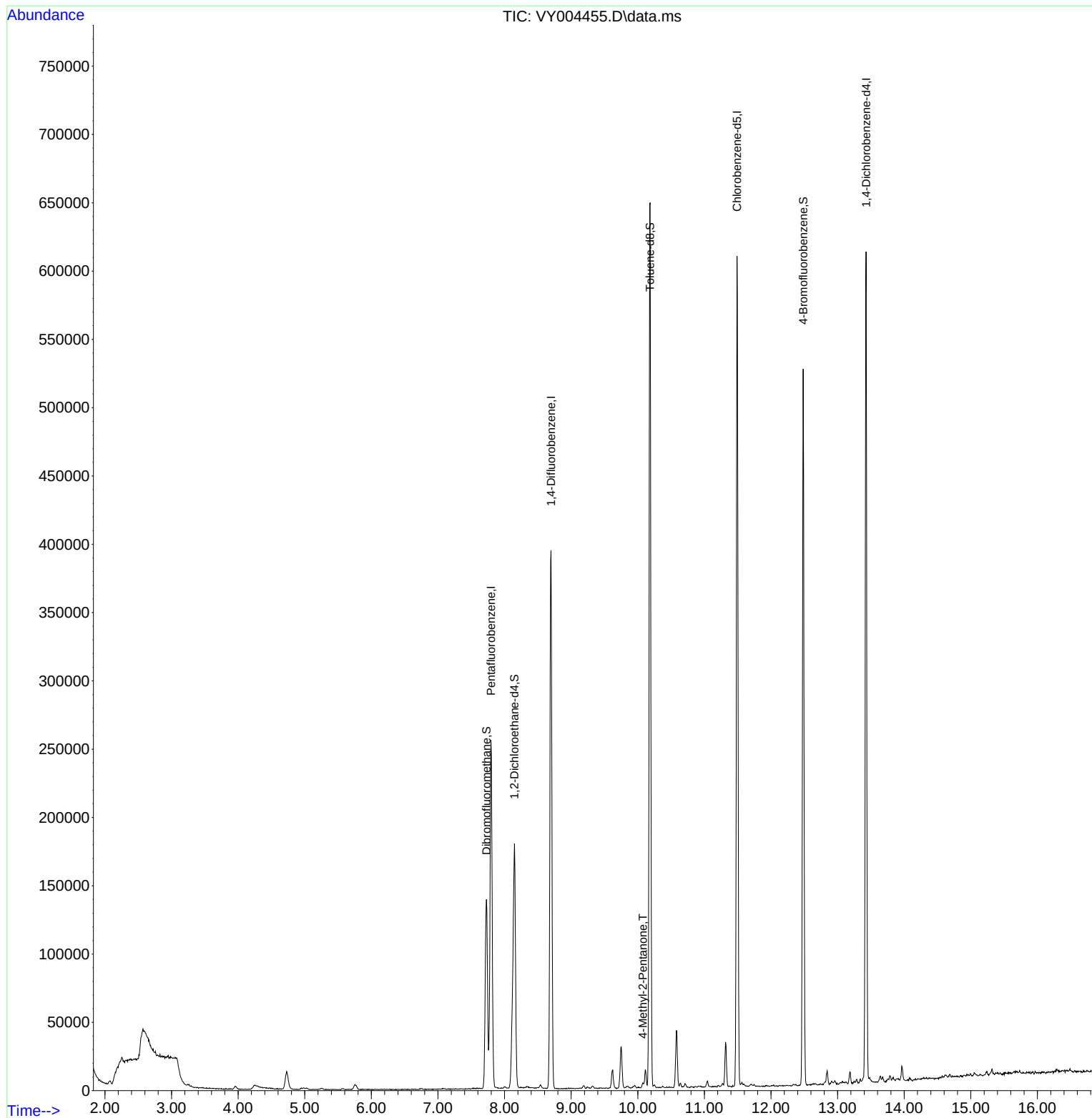
Internal Standards						
1) Pentafluorobenzene	7.795	168	192813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120736	56.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.72%
35) Dibromofluoromethane	7.728	113	98857	53.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.78%
50) Toluene-d8	10.185	98	413824	52.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.08%
62) 4-Bromofluorobenzene	12.483	95	144671	54.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.24%
Target Compounds						
51) 4-Methyl-2-Pentanone	10.075	43	2350	1.13	ug/l	Qvalue 93

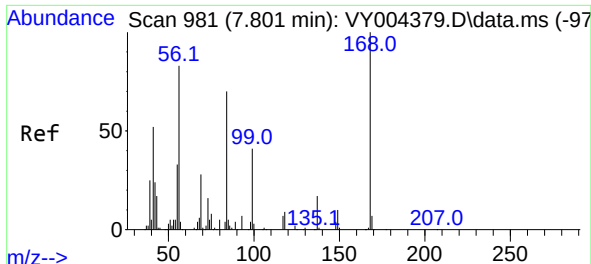
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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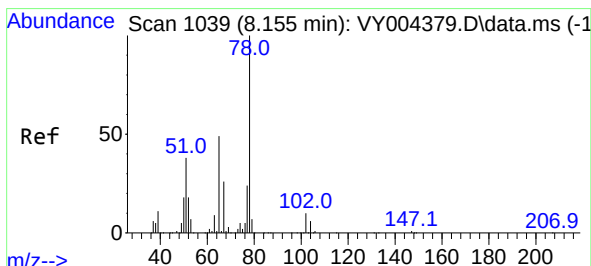
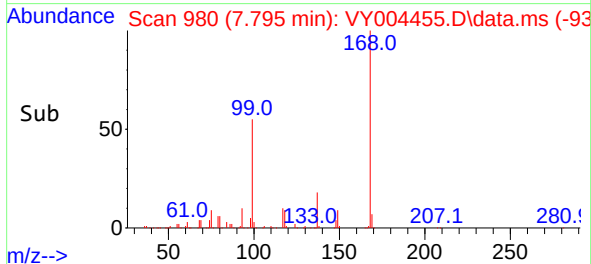
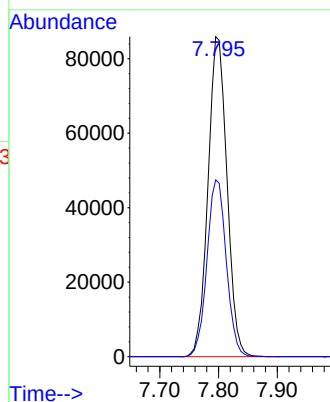
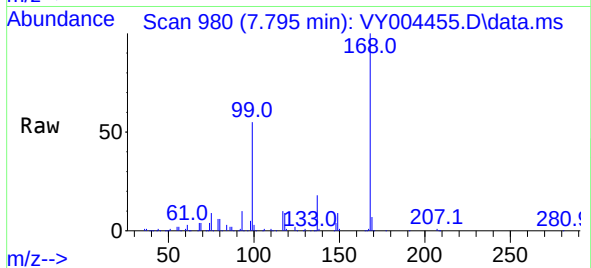




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

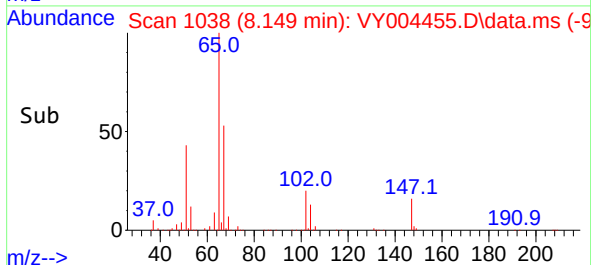
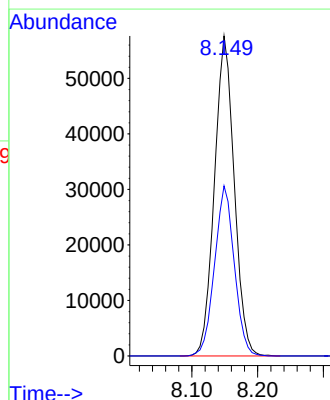
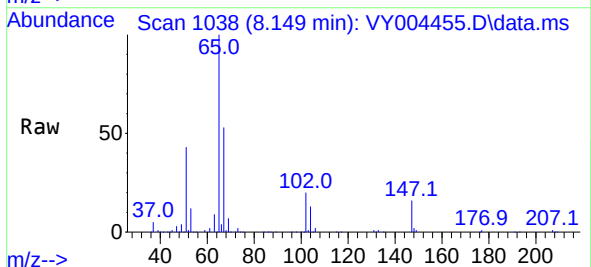
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-5.5-6.0

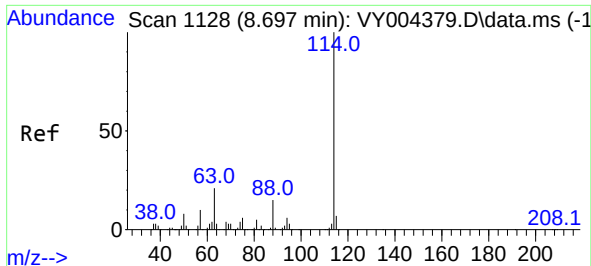
Tgt Ion:168 Resp: 192813
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 56.36 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion: 65 Resp: 120736
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004455.D

Acq: 15 Apr 2021 20:47

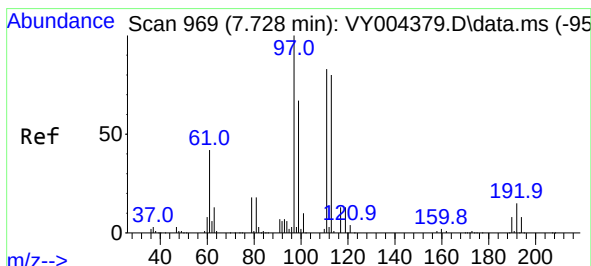
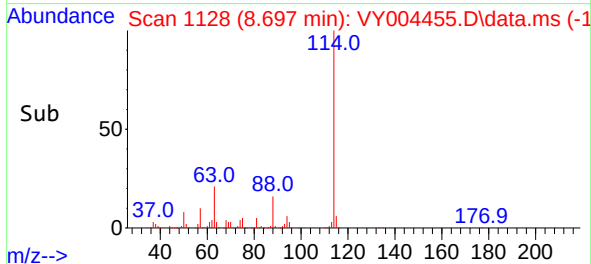
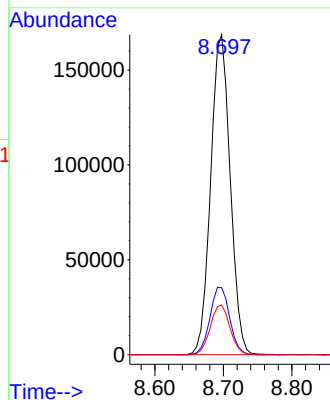
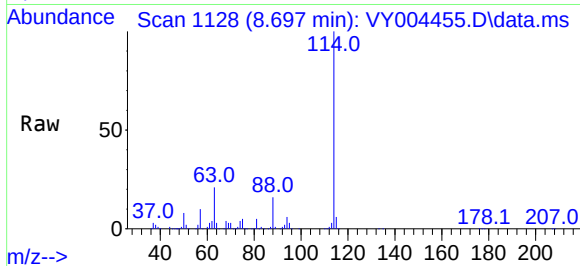
Tgt Ion:114 Resp: 333681

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.39 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004455.D

Acq: 15 Apr 2021 20:47

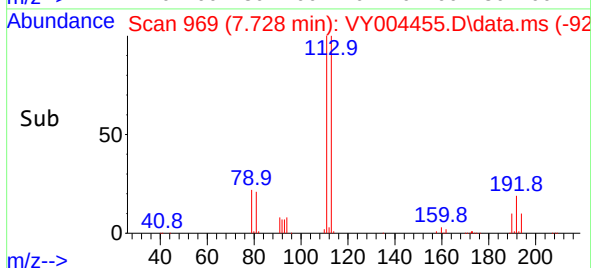
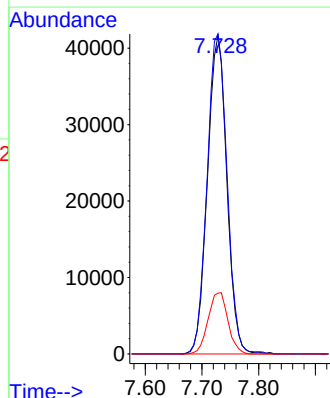
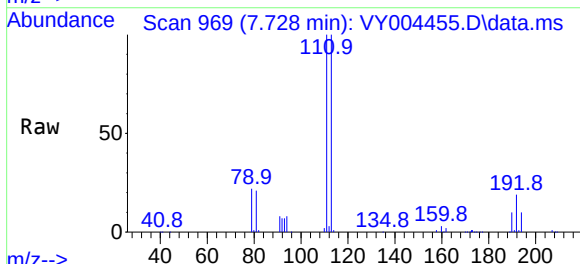
Tgt Ion:113 Resp: 98857

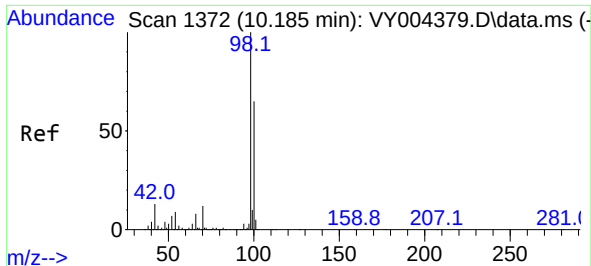
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.7 16.1 24.1

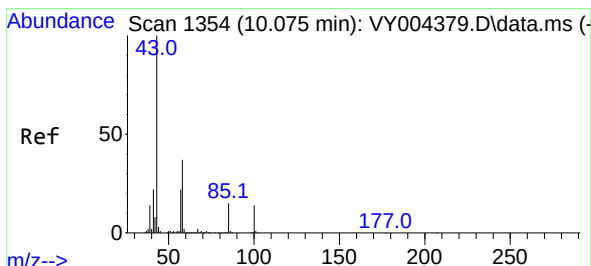
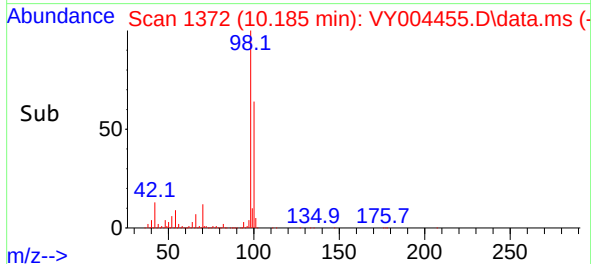
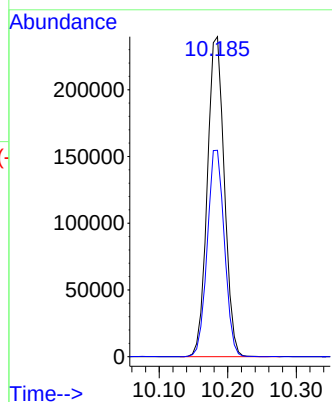
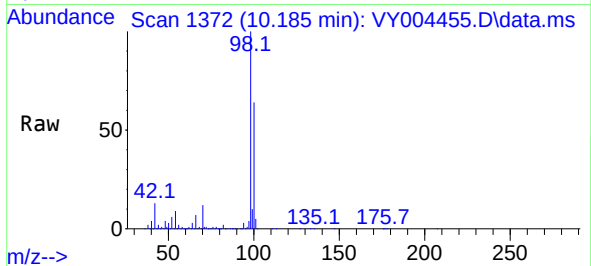




#50
Toluene-d8
Concen: 52.54 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

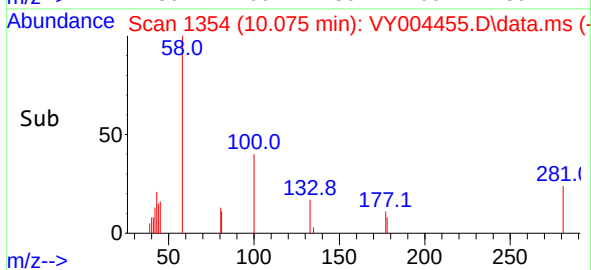
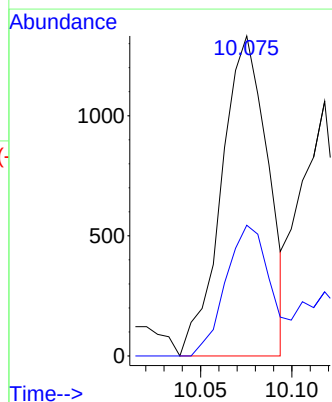
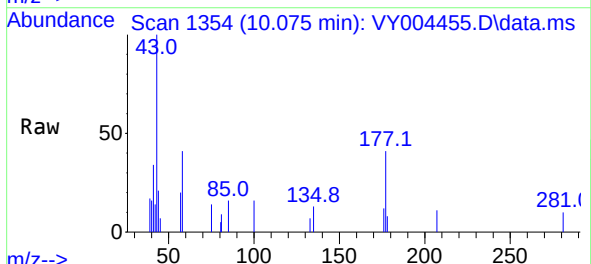
Instrument :
MSVOA_Y
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SB-09-5.5-6.0

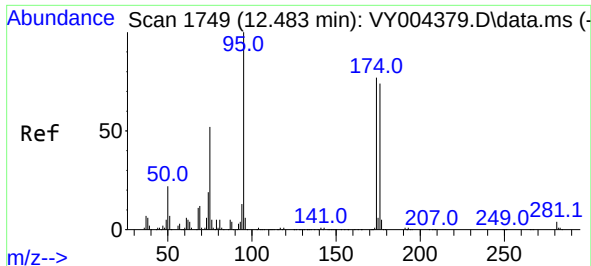
Tgt Ion: 98 Resp: 413824
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.13 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
58 40.5 29.2 43.8

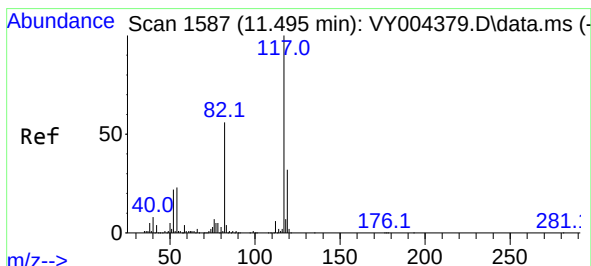
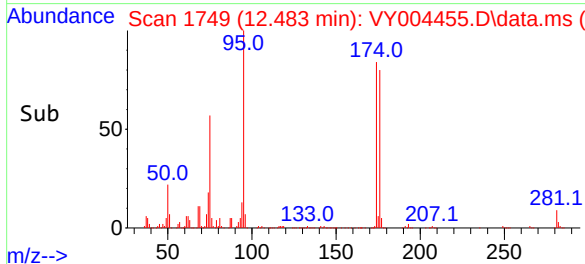
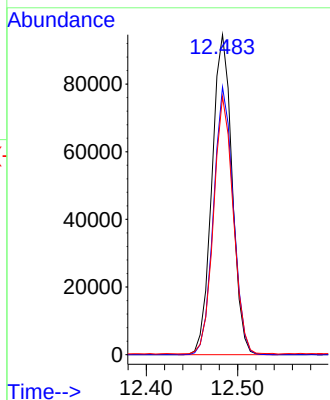
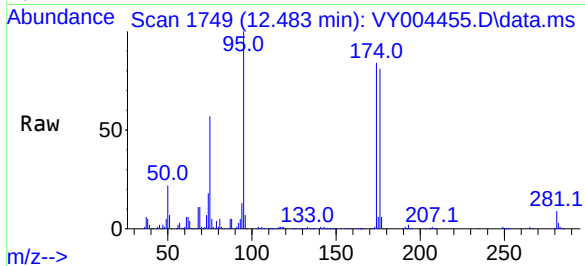




#62
4-Bromofluorobenzene
Concen: 54.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

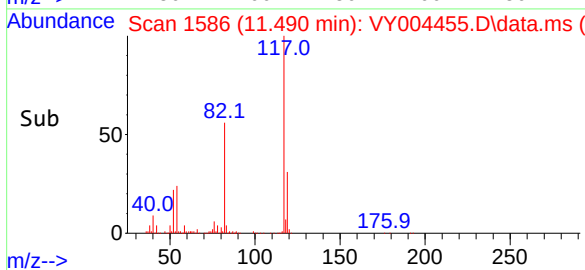
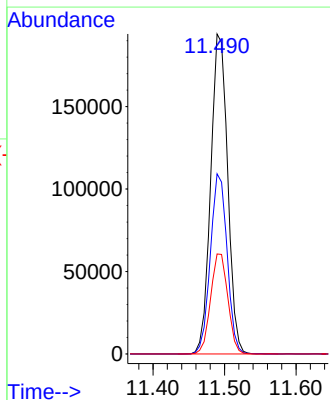
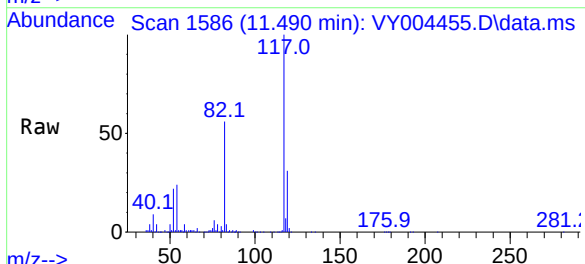
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-5.5-6.0

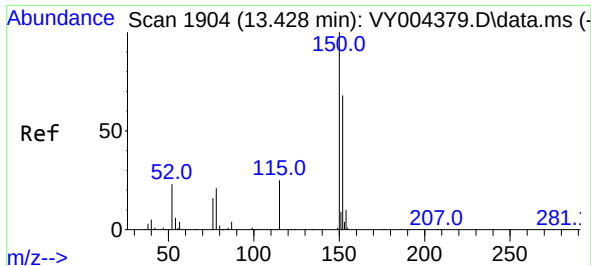
Tgt Ion: 95 Resp: 144671
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.4
176 78.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion: 117 Resp: 319039
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004455.D
 Acq: 15 Apr 2021 20:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-5.5-6.0

Tgt Ion:152 Resp: 147594

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.6	88.8
150	157.2	0.0	348.4

