

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004263.D
 Acq On : 02 Apr 2021 15:25
 Operator : SY/MD
 Sample : M1911-04
 Misc : 12.72g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6D-(4-10)

Quant Time: Apr 02 23:01:05 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)

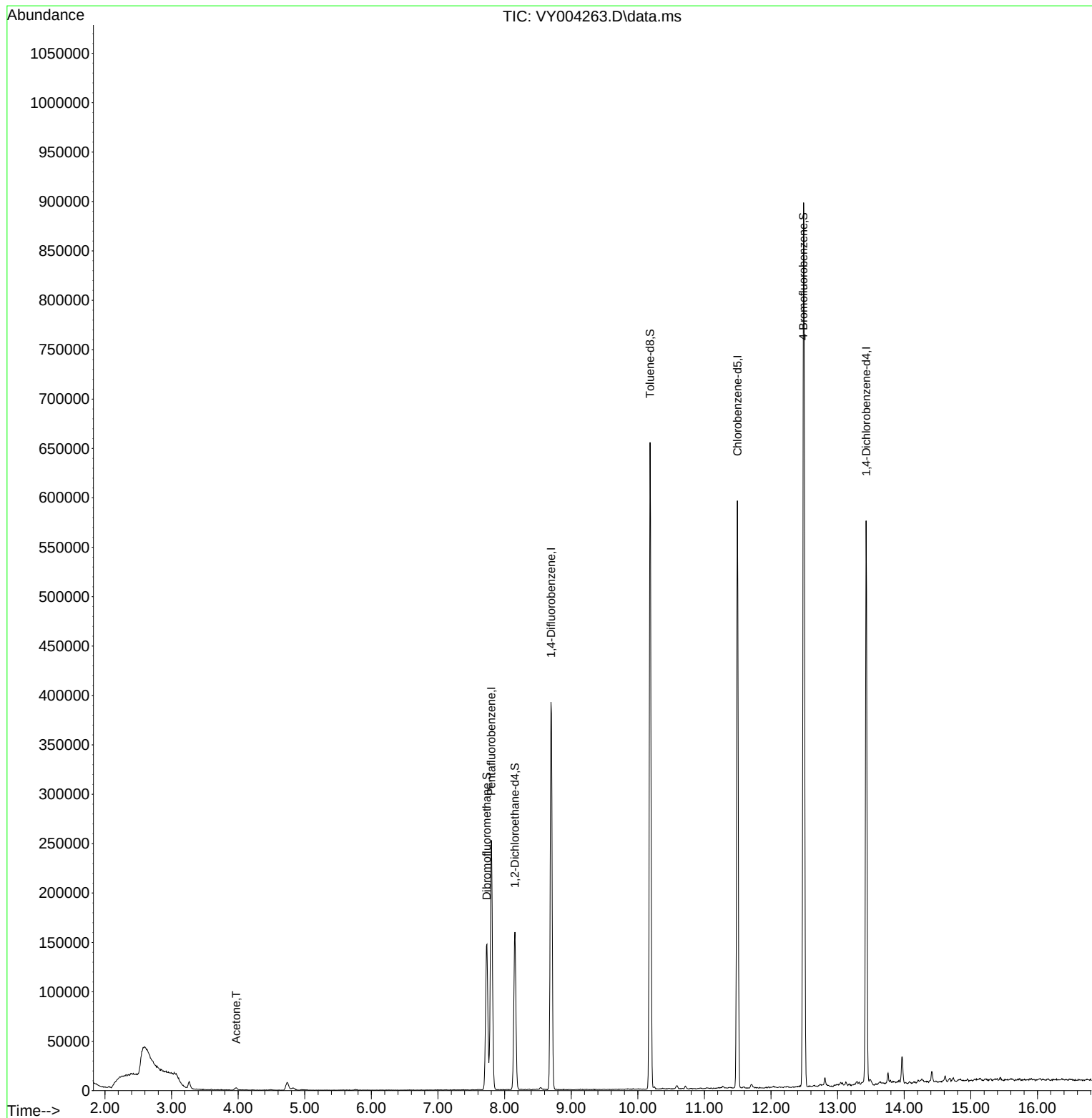
Internal Standards						
1) Pentafluorobenzene	7.801	168	191851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	310299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	122143	66.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.46%
35) Dibromofluoromethane	7.734	113	103115	55.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.06%
50) Toluene-d8	10.185	98	407992	58.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.84%
62) 4-Bromofluorobenzene	12.483	95	139237	58.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.34%
Target Compounds						
16) Acetone	3.973	43	4045	10.53	ug/l	Qvalue 95

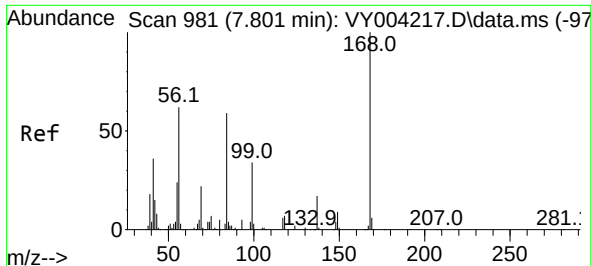
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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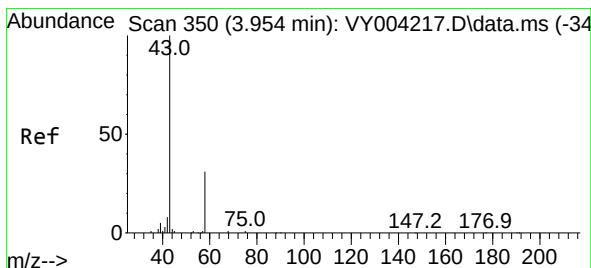
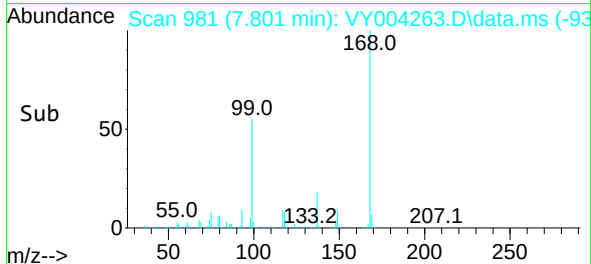
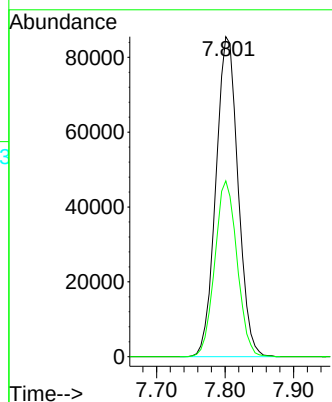
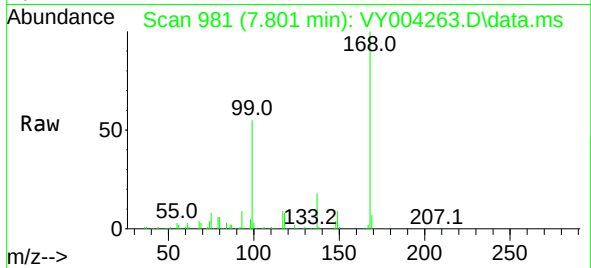




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

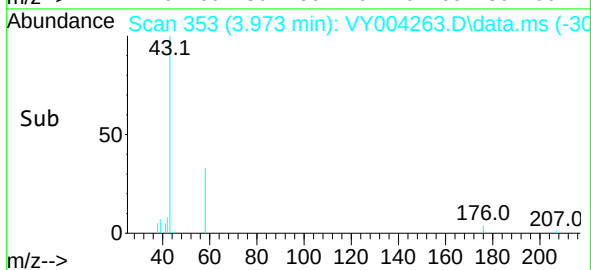
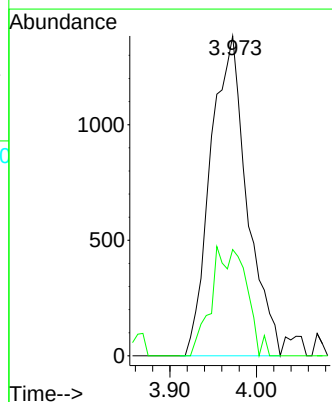
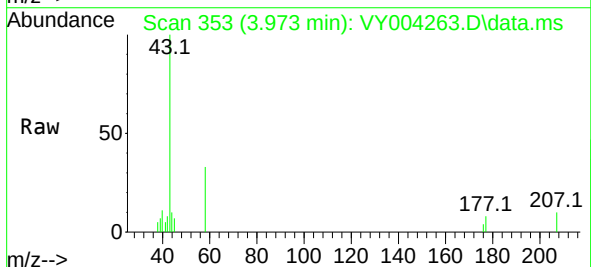
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)

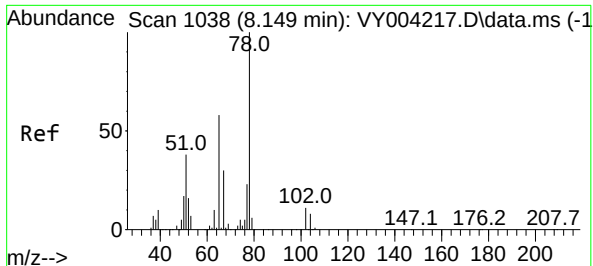
Tgt Ion:168 Resp: 191851
Ion Ratio Lower Upper
168 100
99 54.9 42.6 64.0



#16
Acetone
Concen: 10.53 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
58 33.2 24.5 36.7

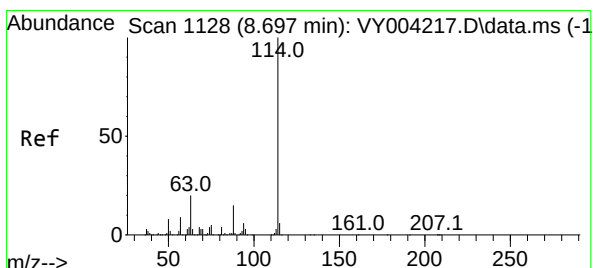
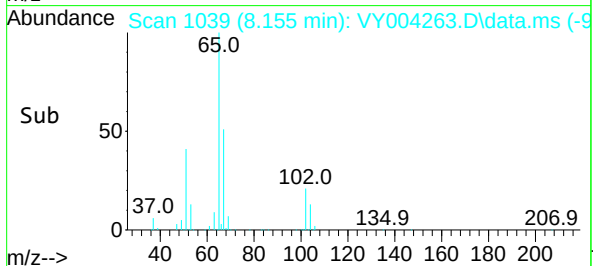
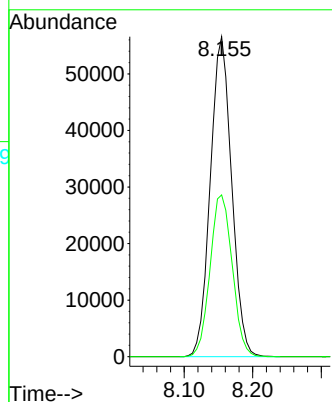
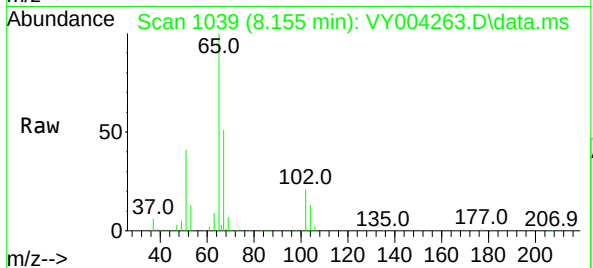




#33
1,2-Dichloroethane-d4
Concen: 66.23 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

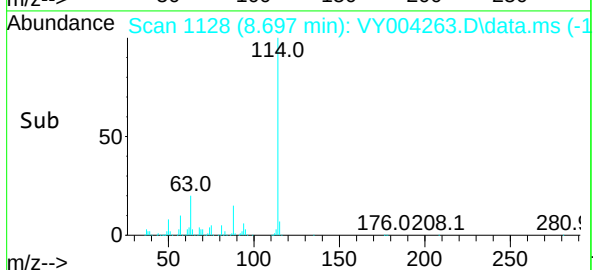
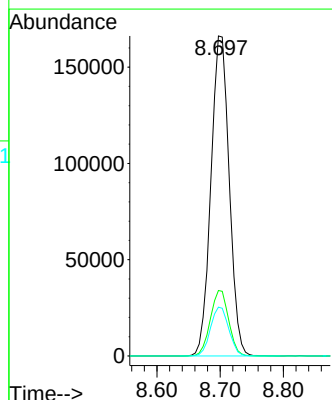
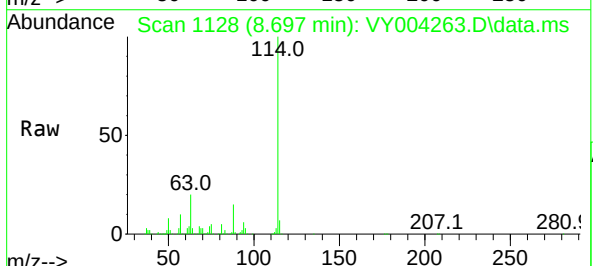
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)

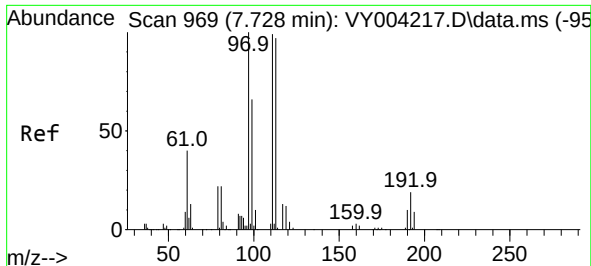
Tgt Ion: 65 Resp: 122143
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 114 Resp: 333254
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 15.2 0.0 30.8

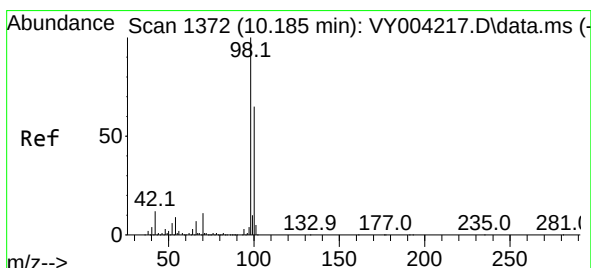
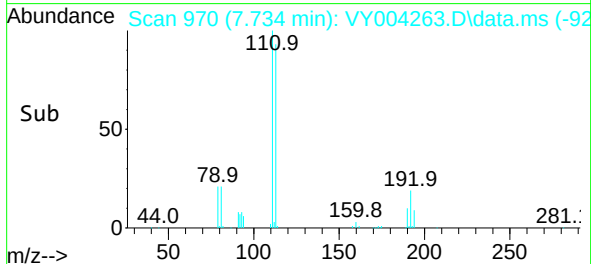
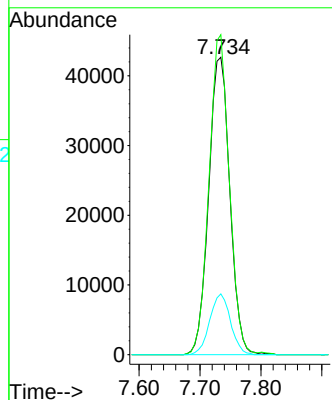
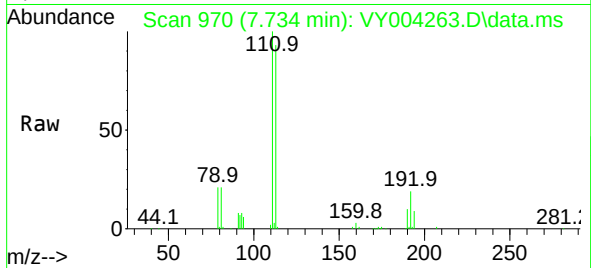




#35
Dibromofluoromethane
Concen: 55.53 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

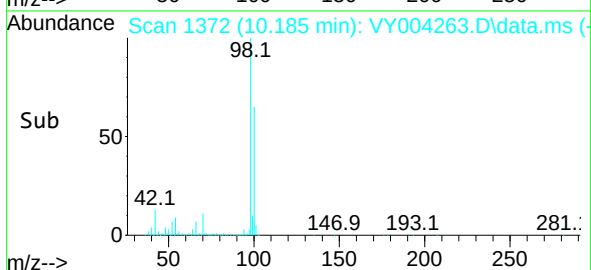
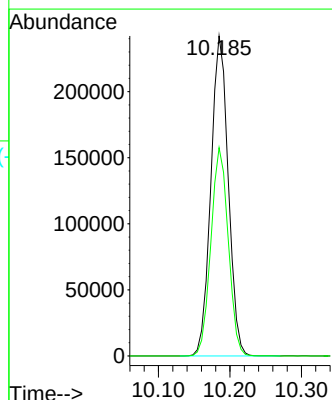
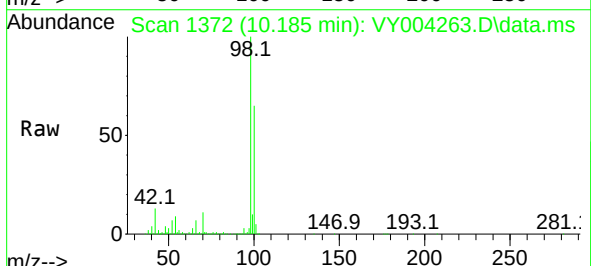
Instrument :
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ClientSampleId :
TP-6D-(4-10)

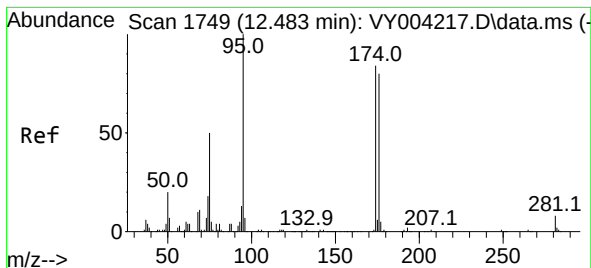
Tgt Ion:113 Resp: 103115
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.1 16.4 24.6



#50
Toluene-d8
Concen: 58.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 98 Resp: 407992
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

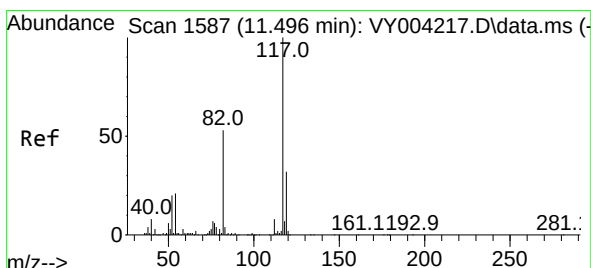
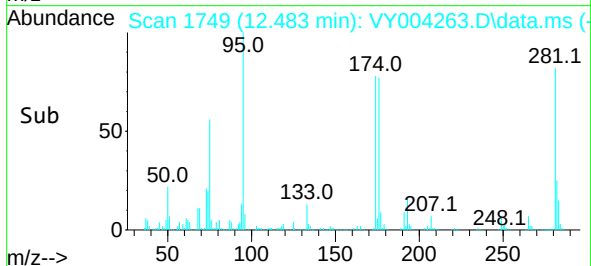
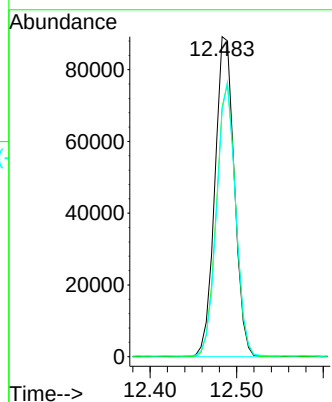
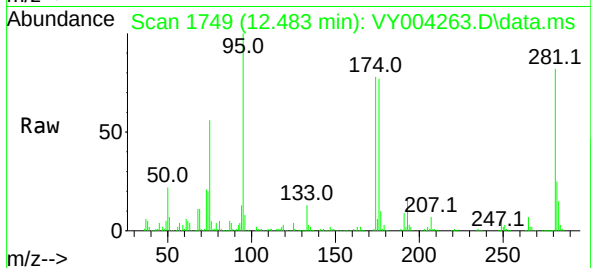




#62
4-Bromofluorobenzene
Concen: 58.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

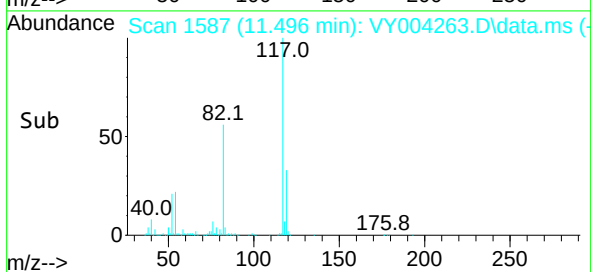
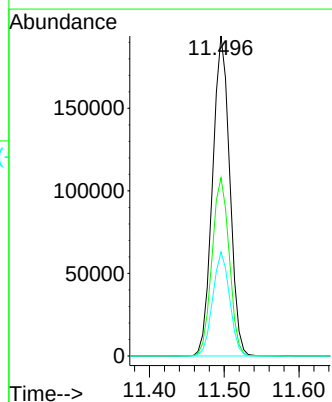
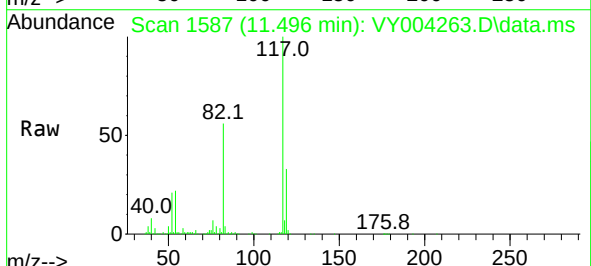
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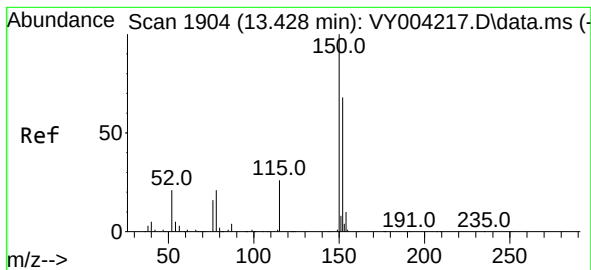
Tgt Ion: 95 Resp: 139237
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.4
176 82.7 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 117 Resp: 310299
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 32.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004263.D
 Acq: 02 Apr 2021 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6D-(4-10)

Tgt Ion:152 Resp: 138364

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.0	87.1
150	158.3	0.0	347.4

