

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004280.D
 Acq On : 05 Apr 2021 13:34
 Operator : SY/MD
 Sample : M1932-02
 Misc : 6.64g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-2

Quant Time: Apr 05 15:21:03 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)

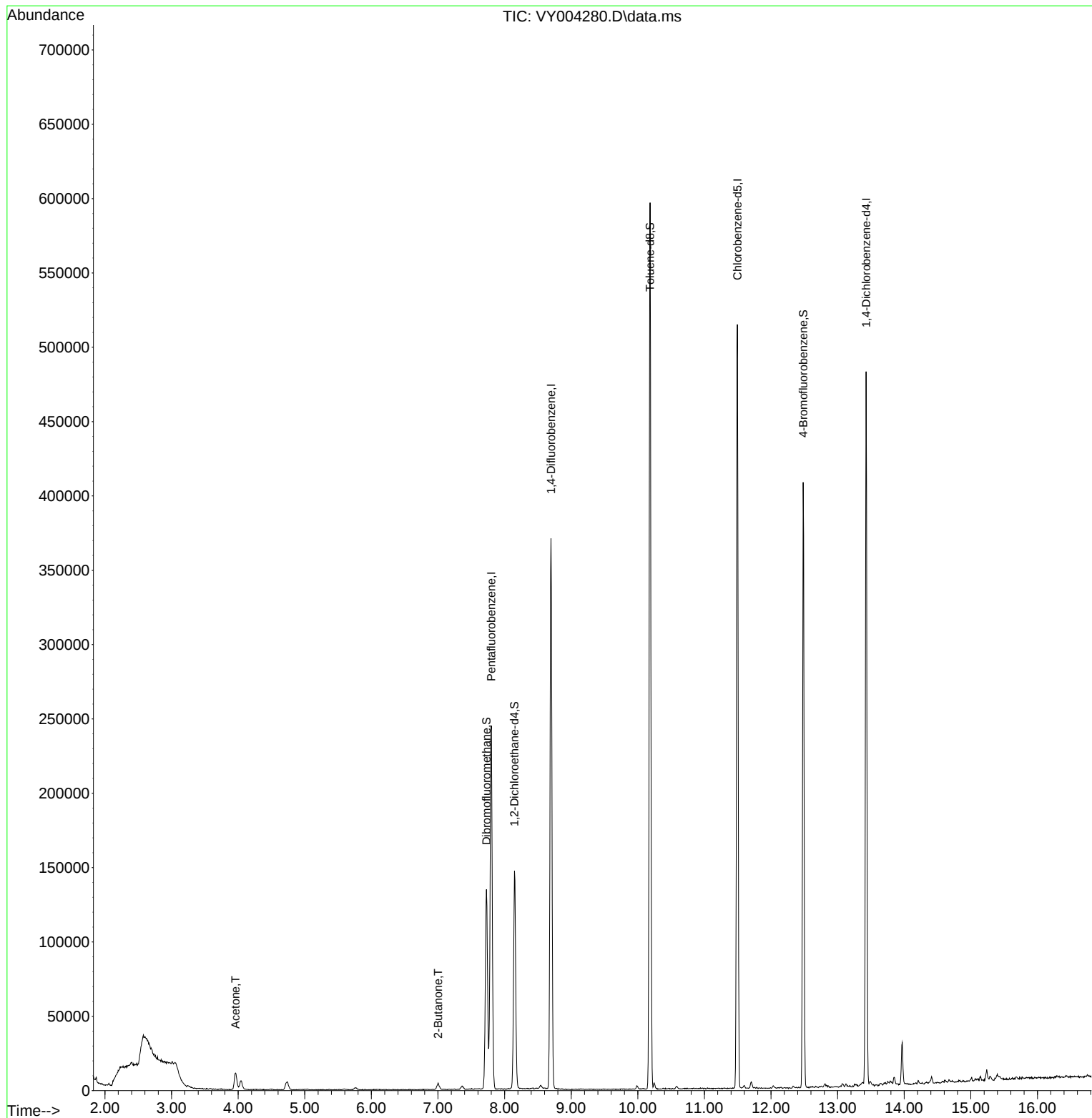
Internal Standards						
1) Pentafluorobenzene	7.801	168	188741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111909	61.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.36%
35) Dibromofluoromethane	7.728	113	93467	53.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.84%
50) Toluene-d8	10.185	98	375628	57.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.24%
62) 4-Bromofluorobenzene	12.483	95	118645	53.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.20%
Target Compounds						Qvalue
16) Acetone	3.960	43	20814	55.06	ug/l	97
25) 2-Butanone	7.002	43	7275	11.52	ug/l	99

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

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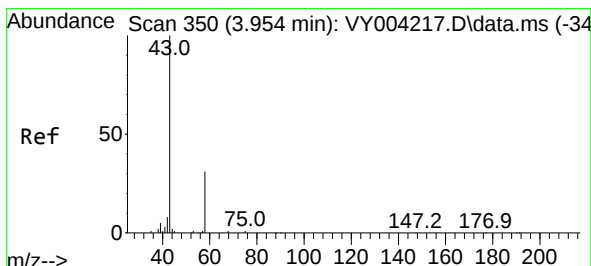
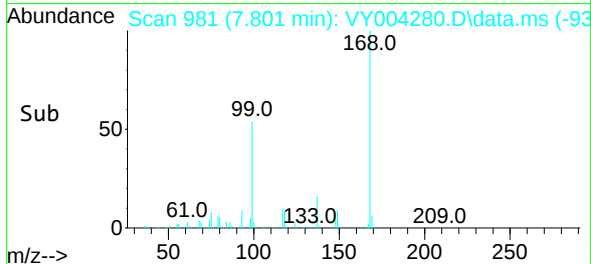
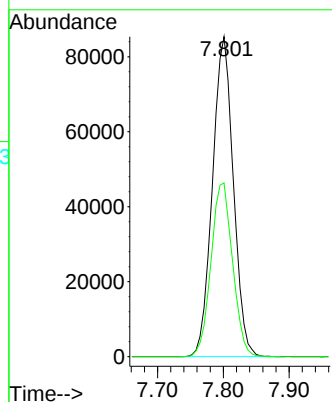
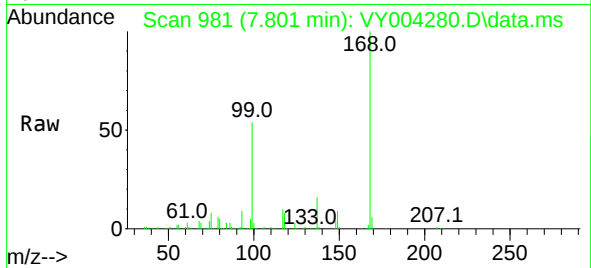




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

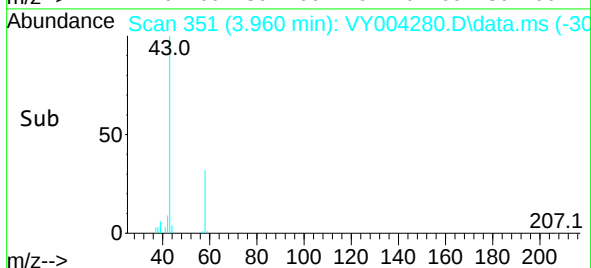
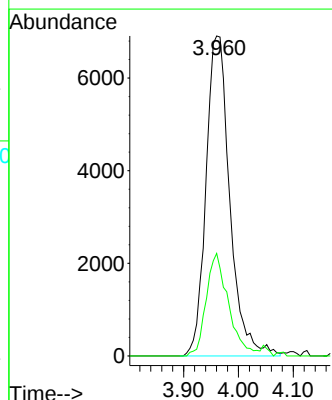
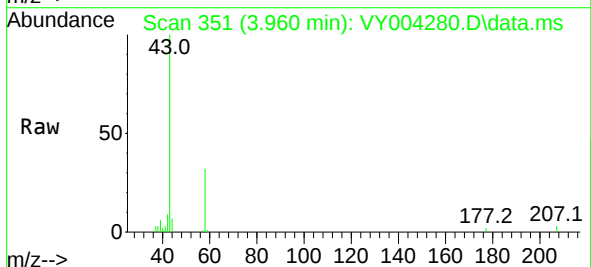
Instrument :
MSVOA_Y
ClientSampled :
TS-2

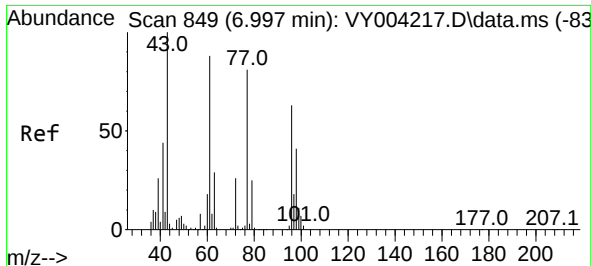
Tgt Ion:168 Resp: 188741
Ion Ratio Lower Upper
168 100
99 54.3 42.6 64.0



#16
Acetone
Concen: 55.06 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 43 Resp: 20814
Ion Ratio Lower Upper
43 100
58 32.1 24.5 36.7





#25

2-Butanone

Concen: 11.52 ug/l

RT: 7.002 min Scan# 850

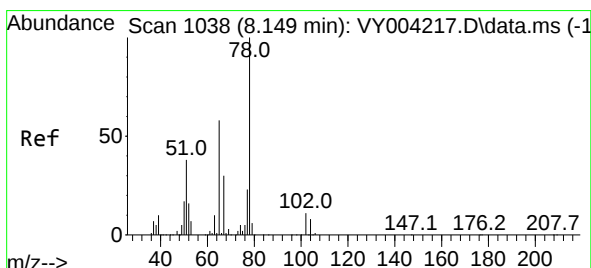
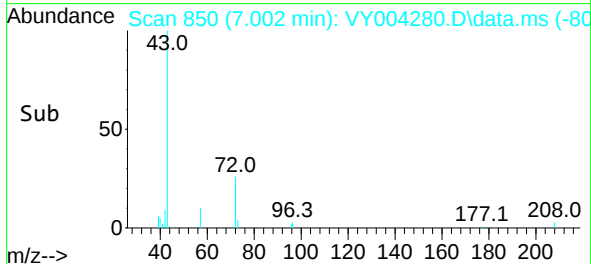
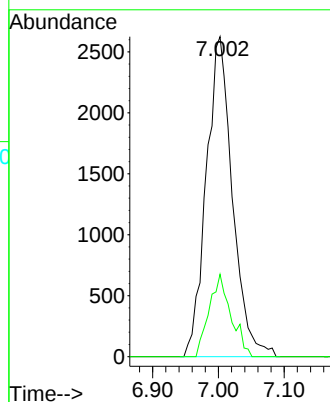
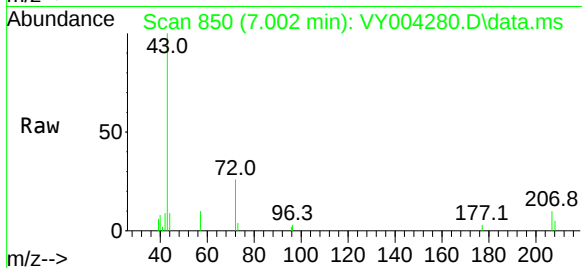
Delta R.T. 0.006 min

Lab File: VY004280.D

Acq: 05 Apr 2021 13:34

Instrument :
MSVOA_Y
ClientSampled :
TS-2

Tgt Ion: 43 Resp: 7275
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 61.68 ug/l

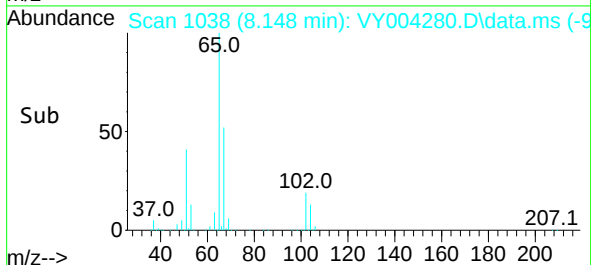
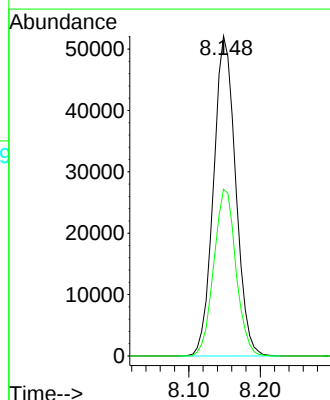
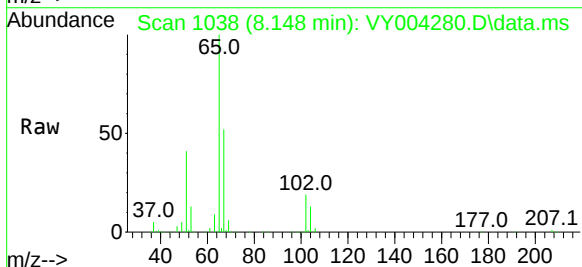
RT: 8.148 min Scan# 1038

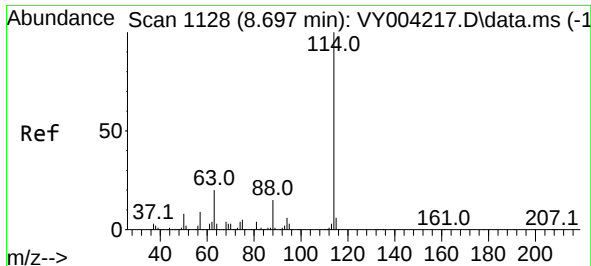
Delta R.T. -0.000 min

Lab File: VY004280.D

Acq: 05 Apr 2021 13:34

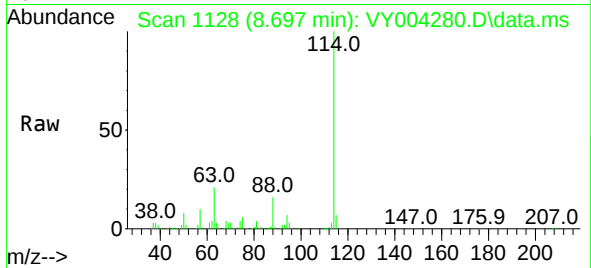
Tgt Ion: 65 Resp: 111909
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2



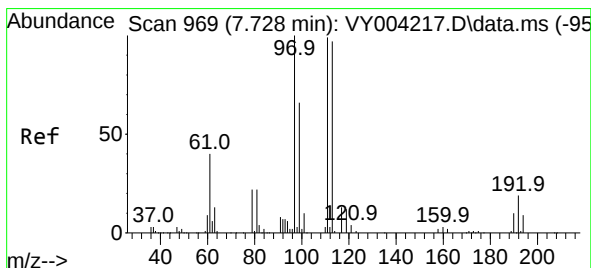
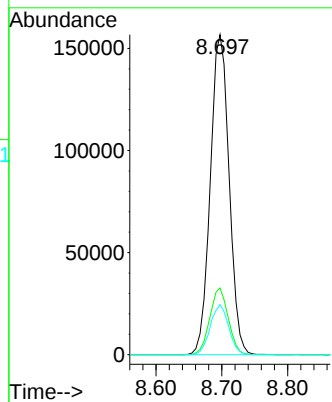
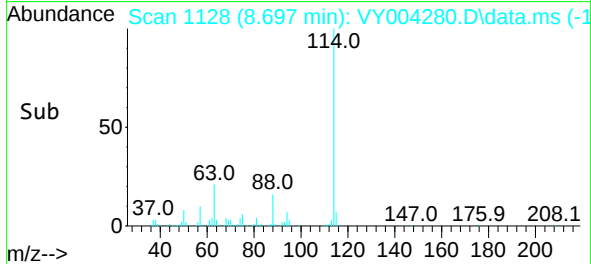


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

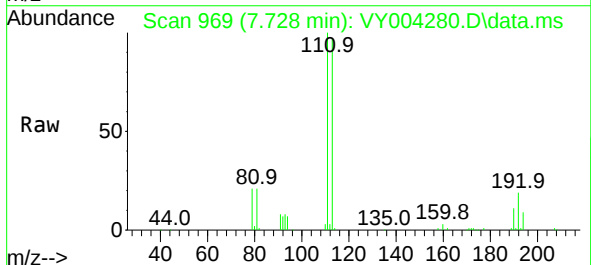
Instrument :
MSVOA_Y
ClientSampled :
TS-2



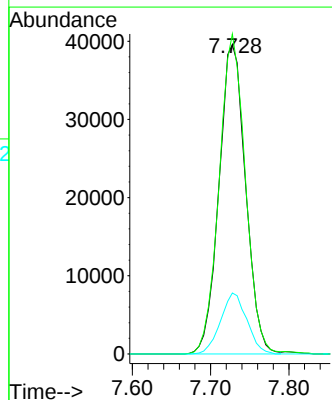
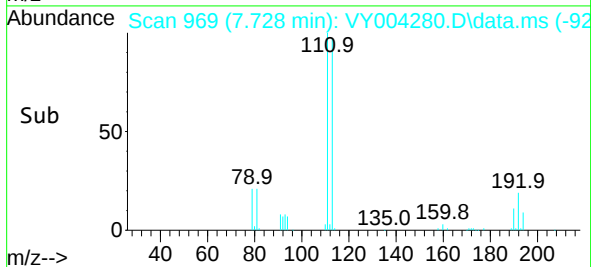
Tgt Ion:114 Resp: 311075
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.6 0.0 30.8

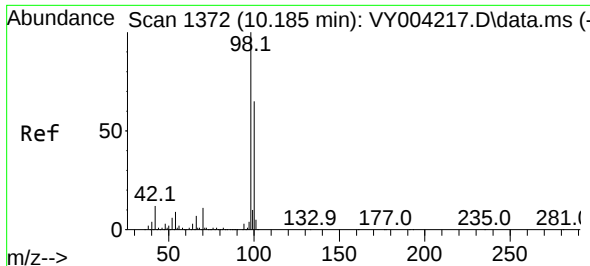


#35
Dibromofluoromethane
Concen: 53.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34



Tgt Ion:113 Resp: 93467
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.5 16.4 24.6

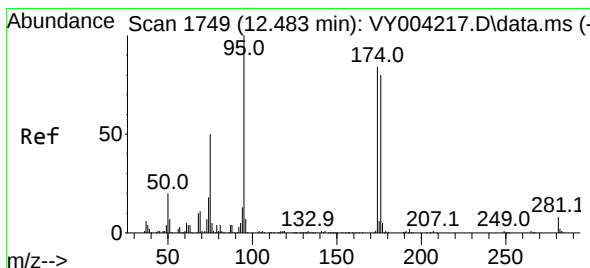
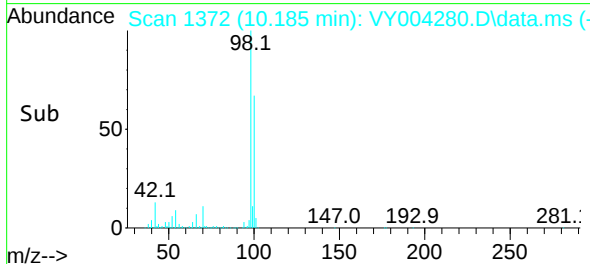
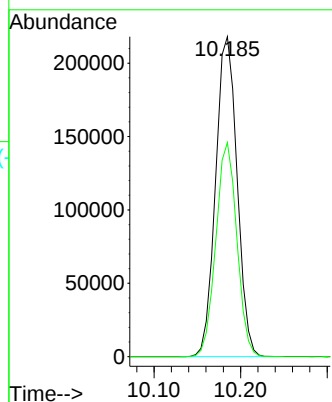
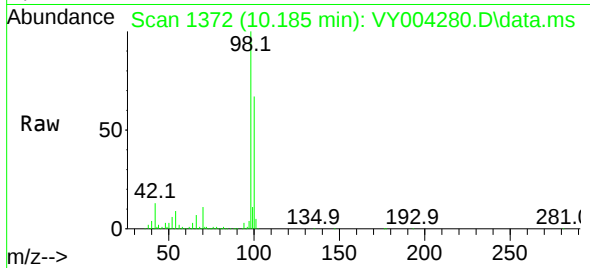




#50
Toluene-d8
Concen: 57.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

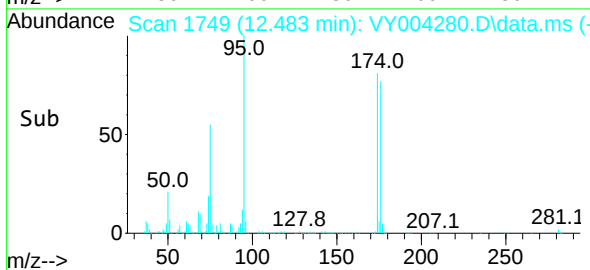
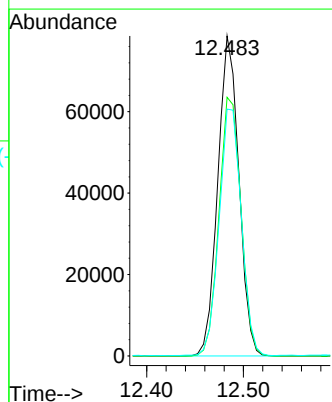
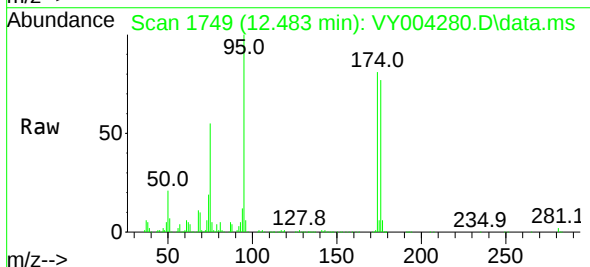
Instrument :
MSVOA_Y
ClientSampled :
TS-2

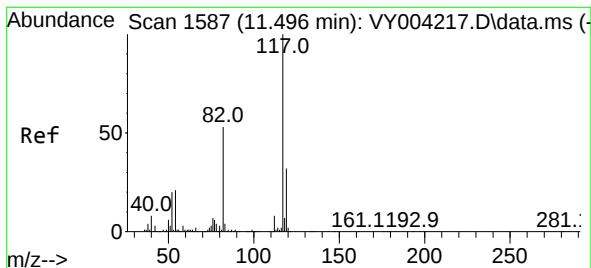
Tgt Ion: 98 Resp: 375628
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 95 Resp: 118645
Ion Ratio Lower Upper
95 100
174 84.1 0.0 171.4
176 81.5 0.0 165.6

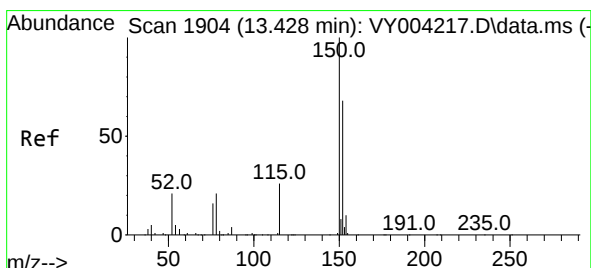
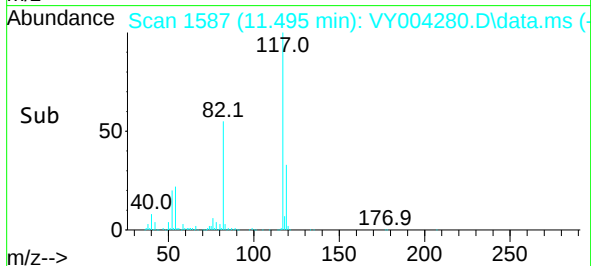
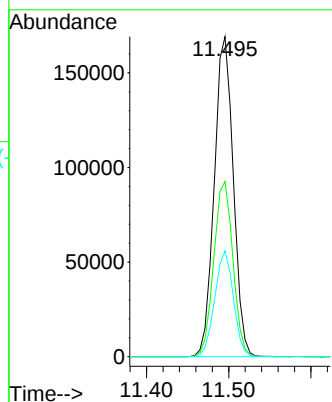
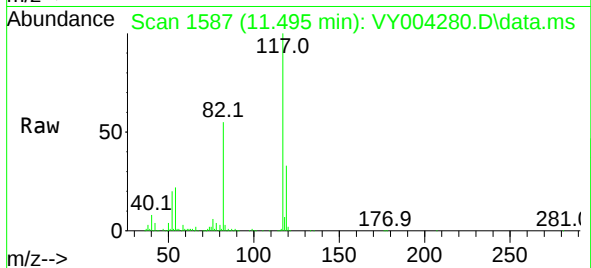




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Instrument :
MSVOA_Y
ClientSampled :
TS-2

Tgt Ion:117 Resp: 272116
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 33.0 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: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion:152 Resp: 118075
Ion Ratio Lower Upper
152 100
115 57.2 29.0 87.1
150 156.2 0.0 347.4

