

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004393.D
 Acq On : 12 Apr 2021 18:46
 Operator : SY/MD
 Sample : M1998-12
 Misc : 5.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5C

Quant Time: Apr 13 03:57:41 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)

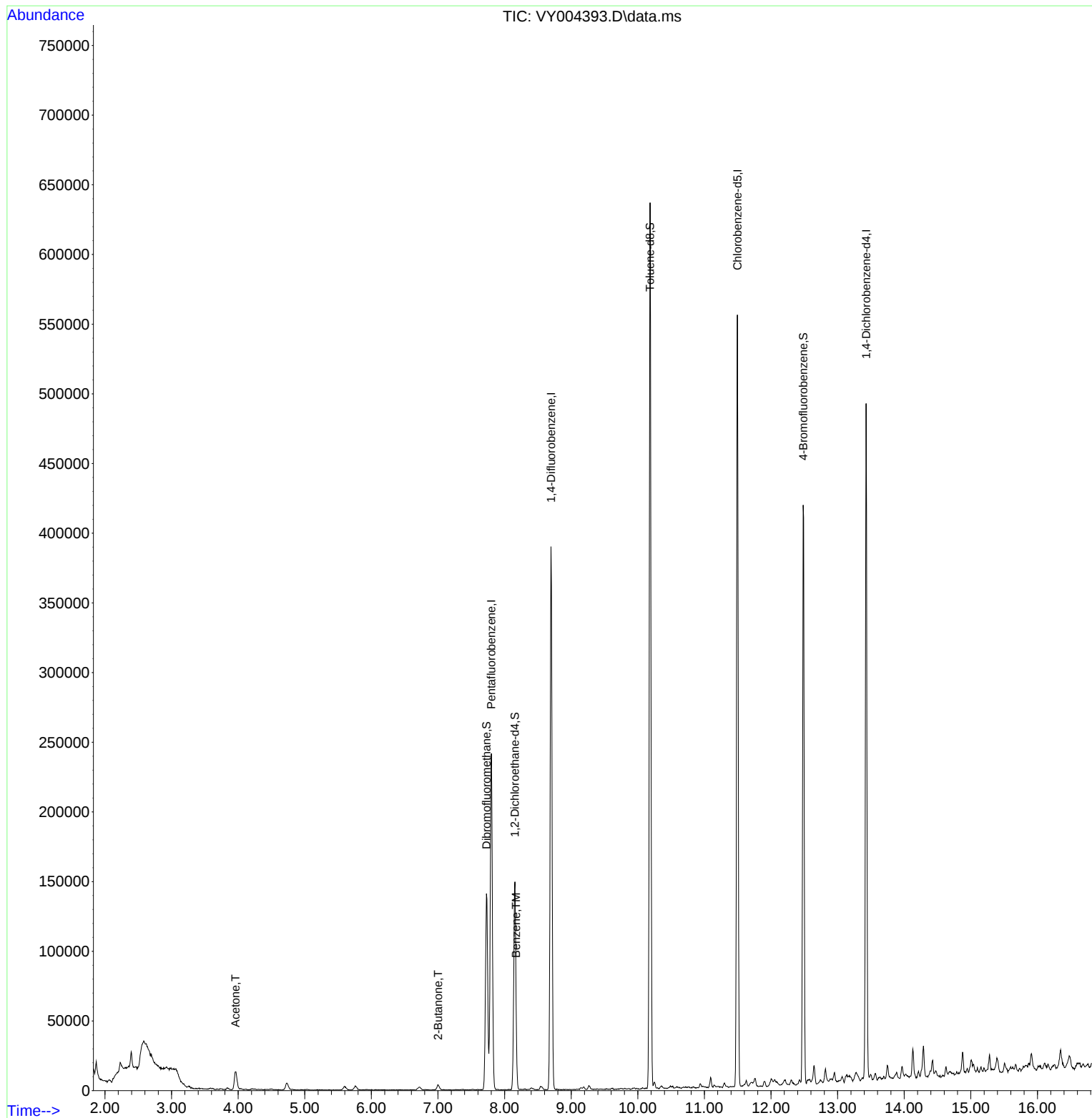
Internal Standards						
1) Pentafluorobenzene	7.801	168	183452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	319091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111872	54.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.78%
35) Dibromofluoromethane	7.728	113	97439	55.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.06%
50) Toluene-d8	10.185	98	389210	51.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.34%
62) 4-Bromofluorobenzene	12.483	95	124937	48.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.76%
Target Compounds						Qvalue
16) Acetone	3.960	43	24248	39.89	ug/l	94
25) 2-Butanone	7.002	43	6264	8.07	ug/l	97
40) Benzene	8.173	78	9820	1.10	ug/l	98

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

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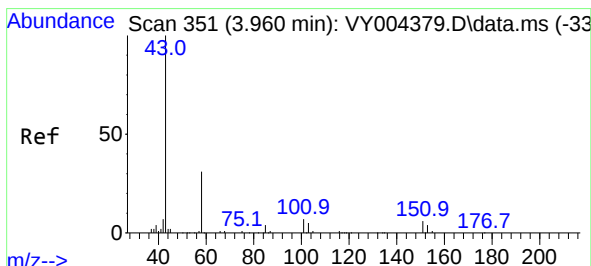
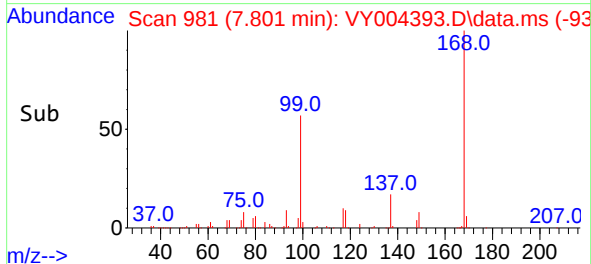
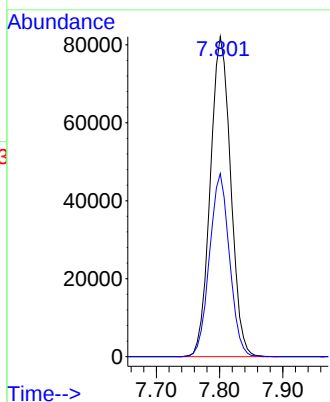
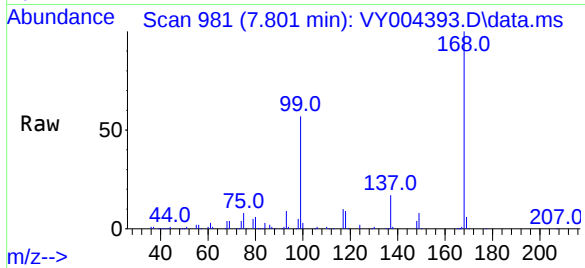




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

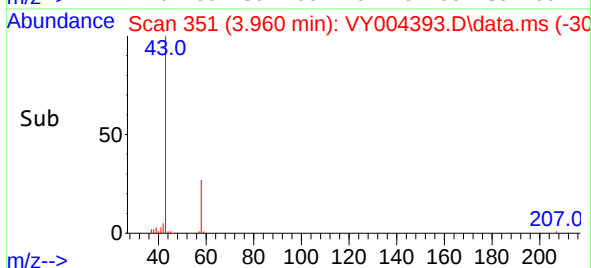
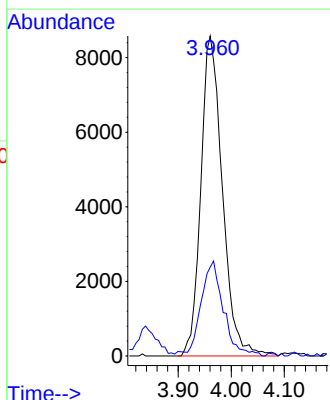
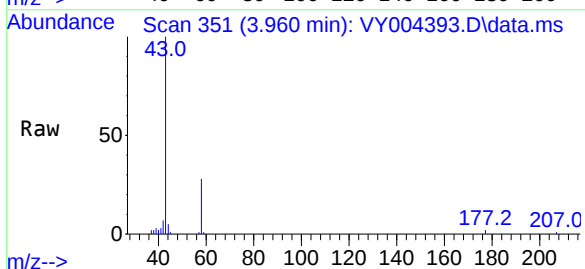
Instrument :
MSVOA_Y
ClientSampleId :
SB-5C

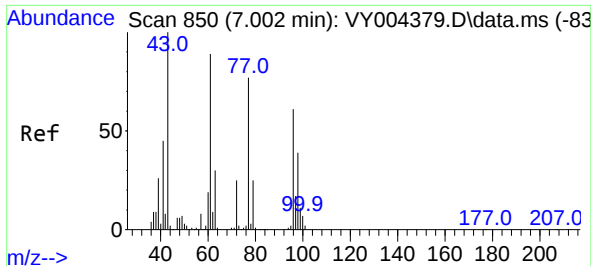
Tgt Ion:168 Resp: 183452
Ion Ratio Lower Upper
168 100
99 57.2 45.5 68.3



#16
Acetone
Concen: 39.89 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

Tgt Ion: 43 Resp: 24248
Ion Ratio Lower Upper
43 100
58 27.7 24.6 37.0

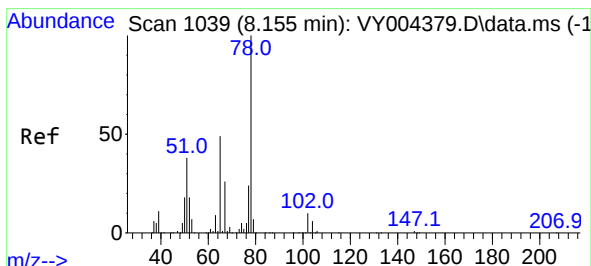
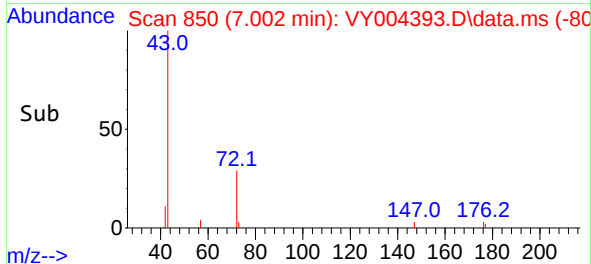
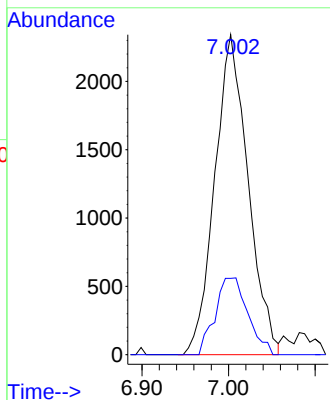
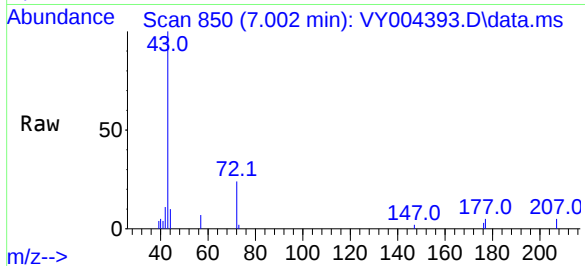




#25
2-Butanone
Concen: 8.07 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

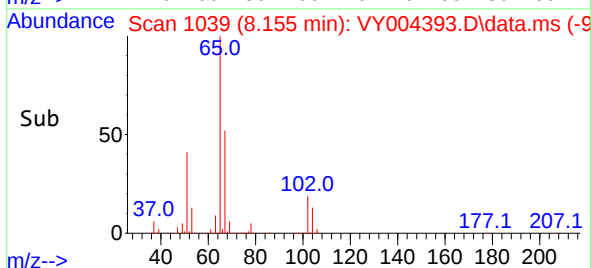
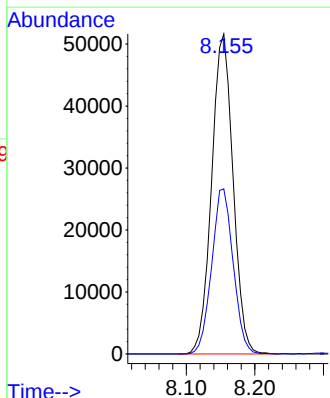
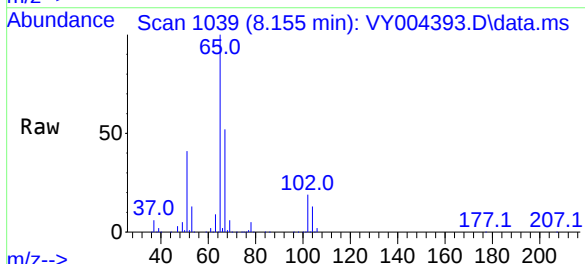
Instrument :
MSVOA_Y
ClientSampleId :
SB-5C

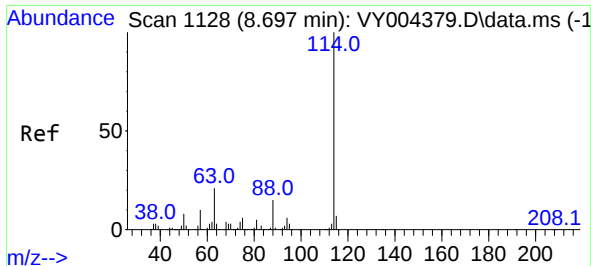
Tgt Ion: 43 Resp: 6264
Ion Ratio Lower Upper
43 100
72 23.9 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 54.89 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

Tgt Ion: 65 Resp: 111872
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.4



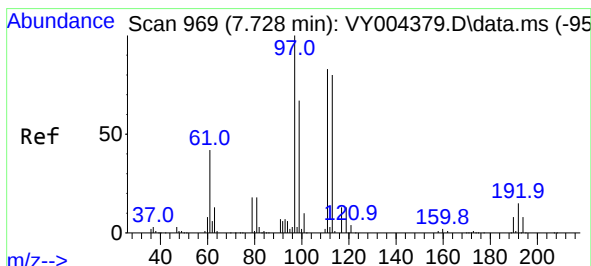
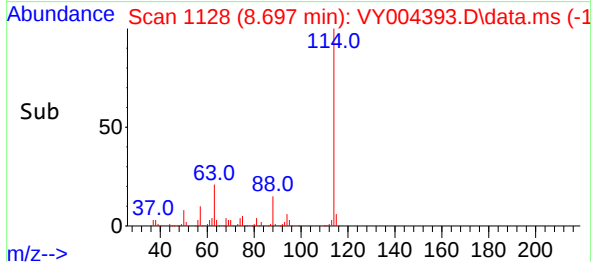
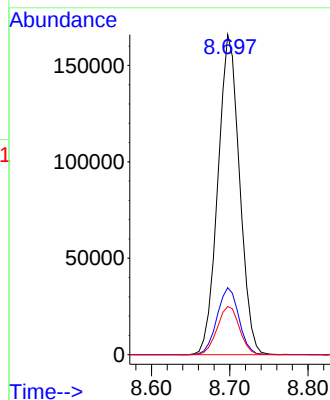
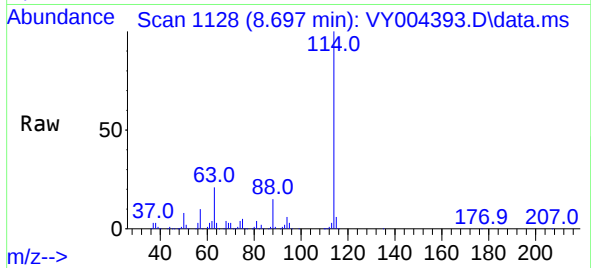


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

Instrument :
MSVOA_Y
ClientSampled :
SB-5C

Tgt Ion:114 Resp: 319091

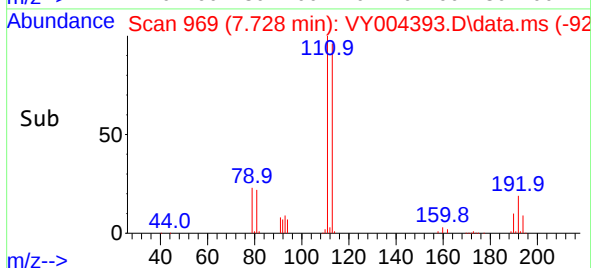
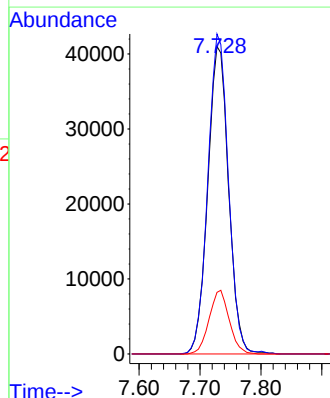
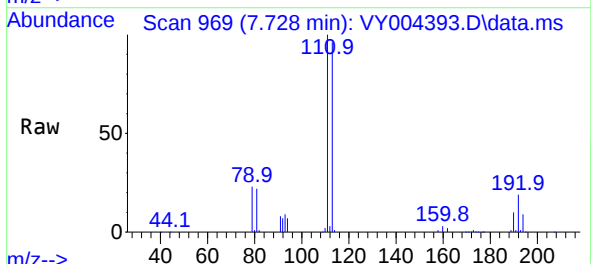
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	15.1	0.0	30.8

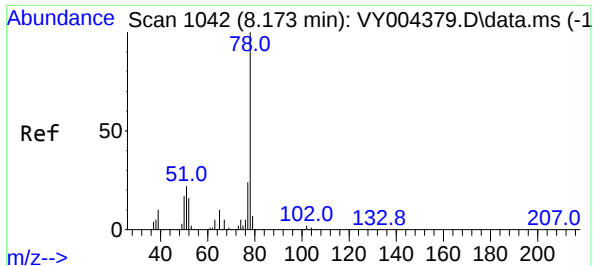


#35
Dibromofluoromethane
Concen: 55.03 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

Tgt Ion:113 Resp: 97439

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.9	16.1	24.1

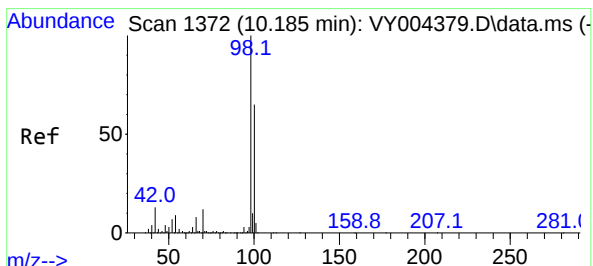
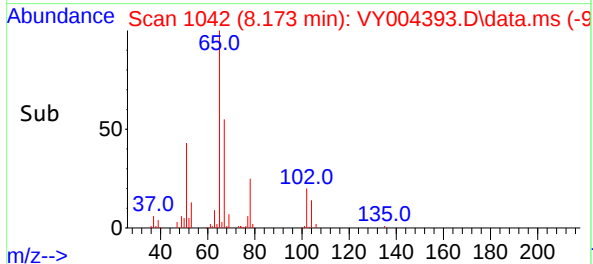
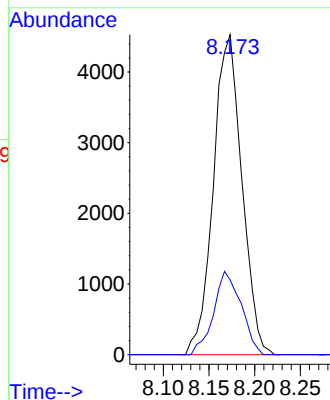
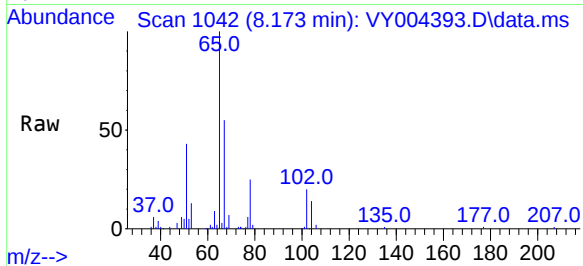




#40
Benzene
Concen: 1.10 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

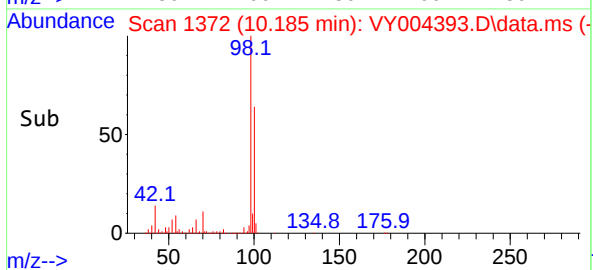
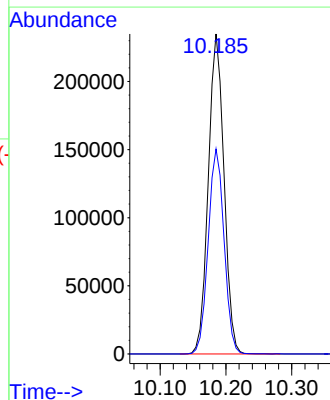
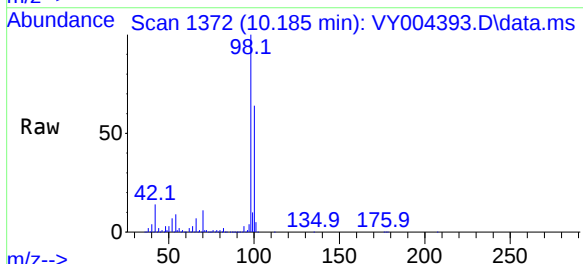
Instrument :
MSVOA_Y
ClientSampled :
SB-5C

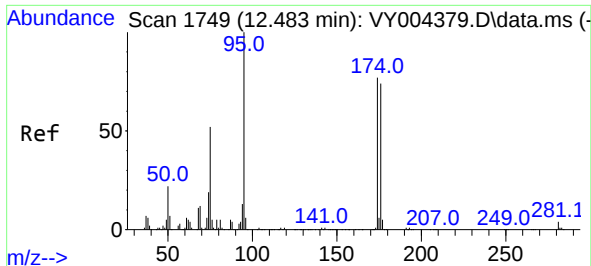
Tgt Ion: 78 Resp: 9820
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0



#50
Toluene-d8
Concen: 51.67 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

Tgt Ion: 98 Resp: 389210
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

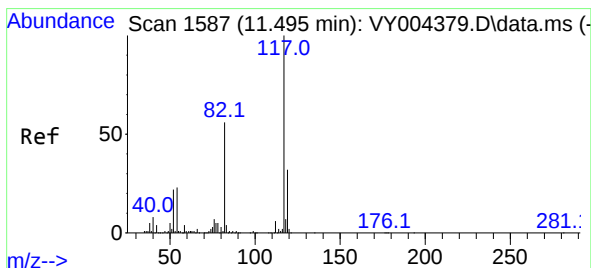
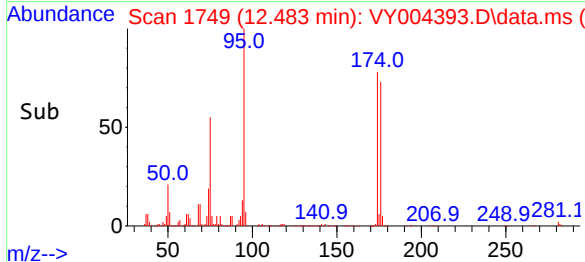
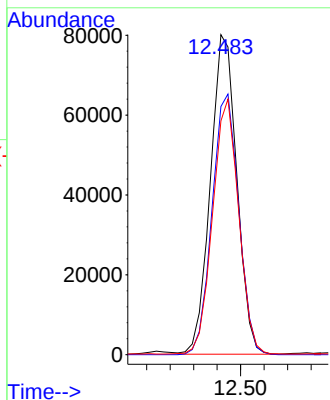
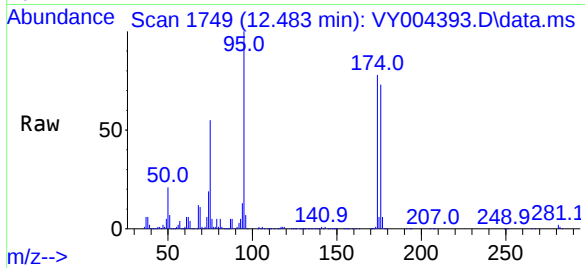




#62
4-Bromofluorobenzene
Concen: 48.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

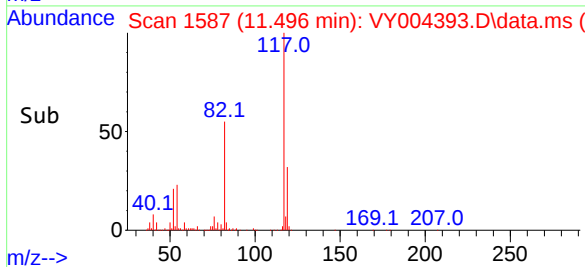
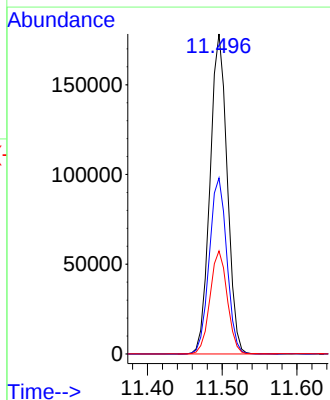
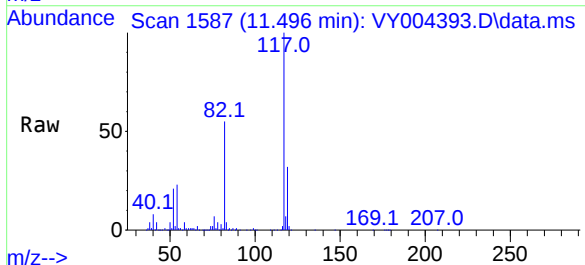
Instrument :
MSVOA_Y
ClientSampleId :
SB-5C

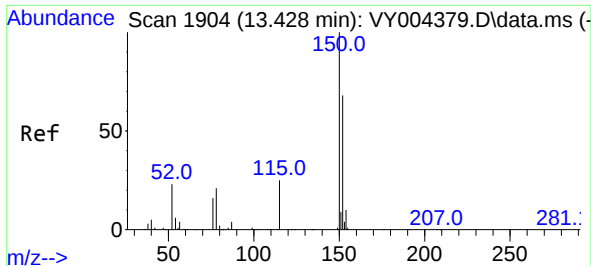
Tgt Ion: 95 Resp: 124937
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 78.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004393.D
Acq: 12 Apr 2021 18:46

Tgt Ion: 117 Resp: 285493
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 32.2 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: VY004393.D
 Acq: 12 Apr 2021 18:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5C

Tgt Ion:152 Resp: 116640
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.6 88.8
 150 156.4 0.0 348.4

