

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004317.D
 Acq On : 07 Apr 2021 16:04
 Operator : SY/MD
 Sample : M1963-06
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-3A

Quant Time: Apr 08 01:01:42 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)

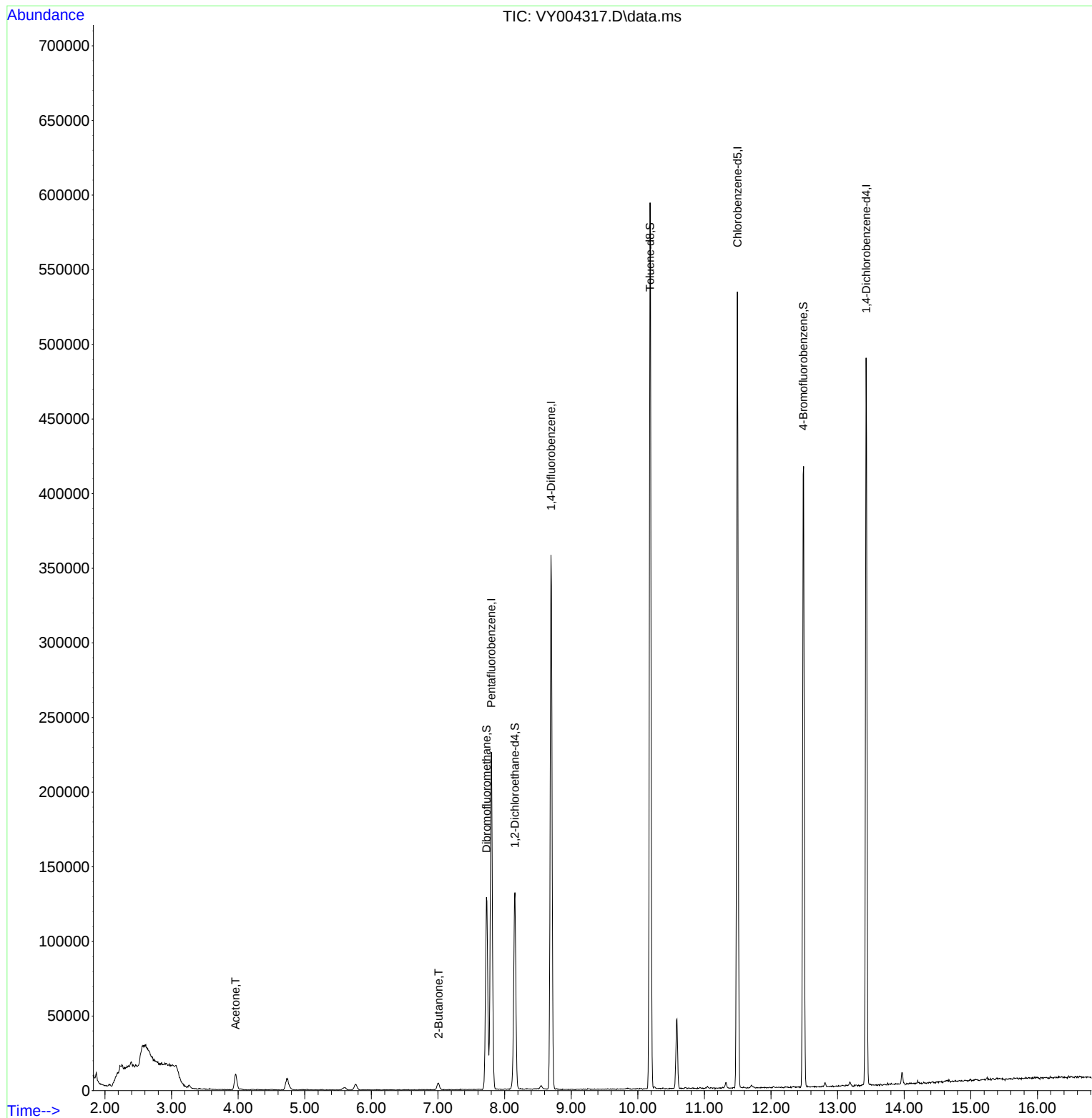
Internal Standards						
1) Pentafluorobenzene	7.801	168	169049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	100960	62.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.26%	
35) Dibromofluoromethane	7.728	113	89083	54.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.26%	
50) Toluene-d8	10.185	98	363107	58.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.32%	
62) 4-Bromofluorobenzene	12.483	95	119162	56.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.34%	
Target Compounds						
16) Acetone	3.960	43	18587	54.90	ug/l	97
25) 2-Butanone	7.008	43	8138	14.39	ug/l	97

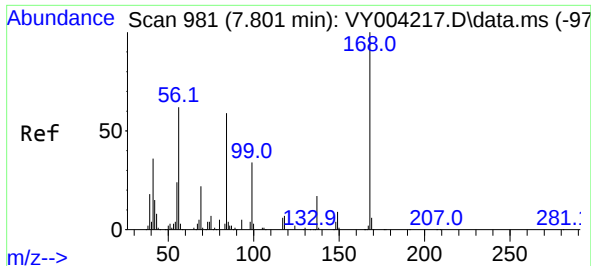
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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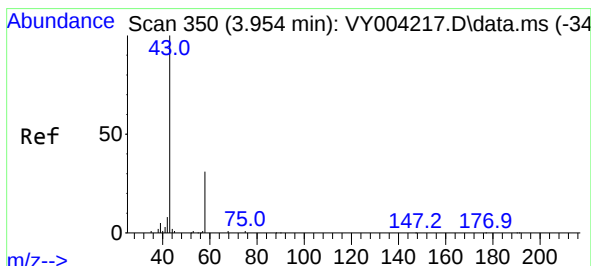
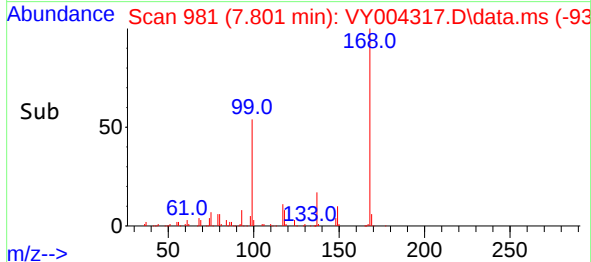
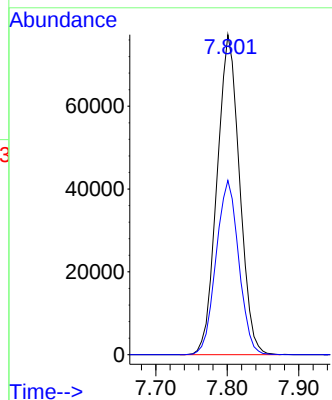
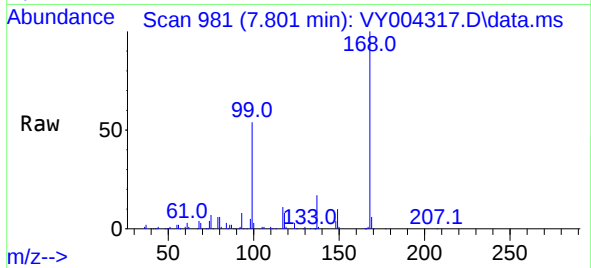




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

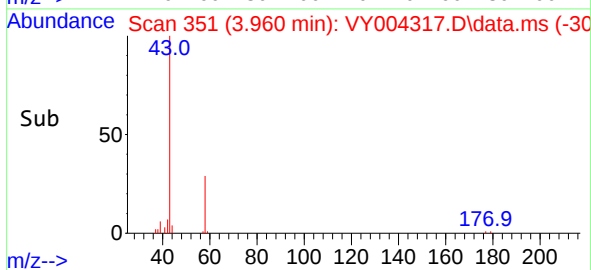
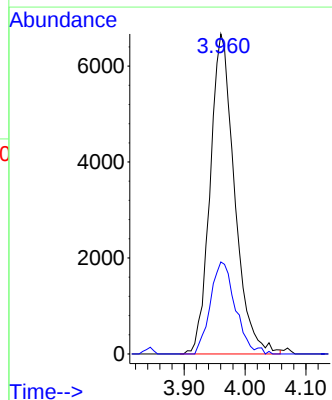
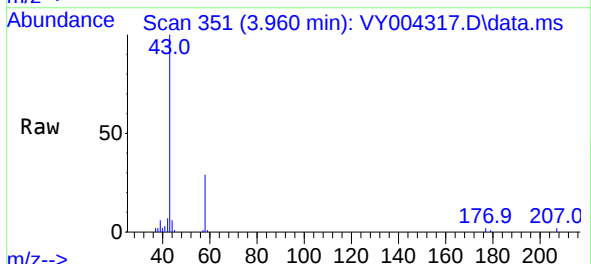
Instrument :
MSVOA_Y
ClientSampleId :
S-3A

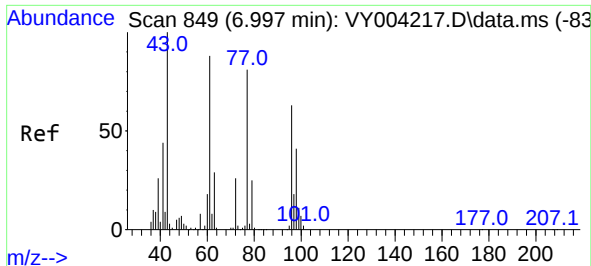
Tgt Ion:168 Resp: 169049
Ion Ratio Lower Upper
168 100
99 54.4 42.6 64.0



#16
Acetone
Concen: 54.90 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Tgt Ion: 43 Resp: 18587
Ion Ratio Lower Upper
43 100
58 28.7 24.5 36.7

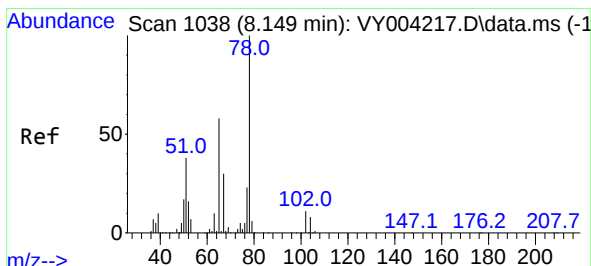
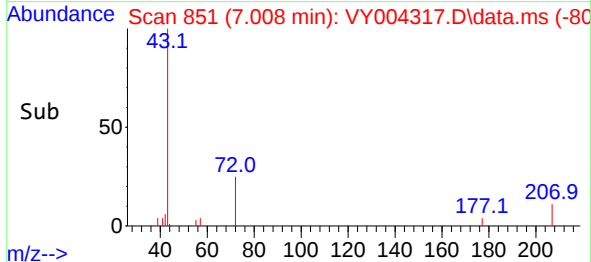
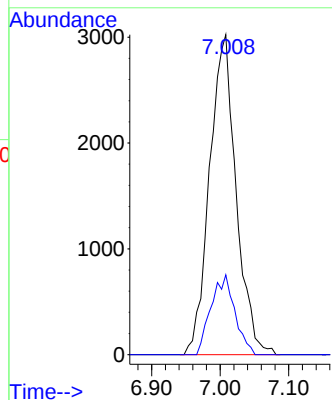
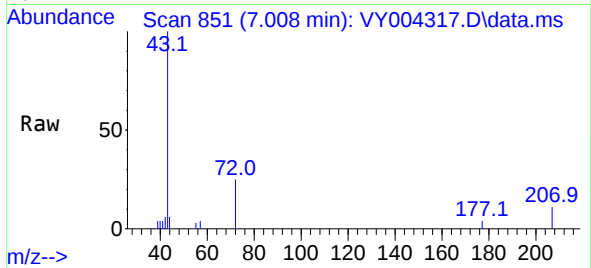




#25
2-Butanone
Concen: 14.39 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

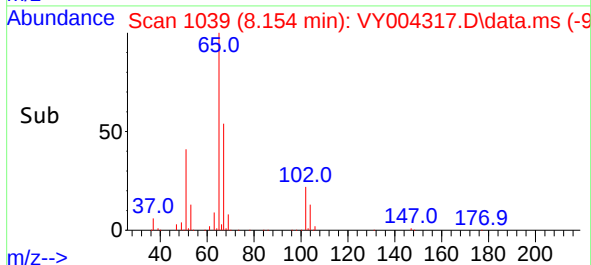
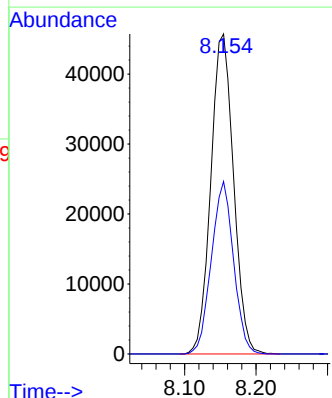
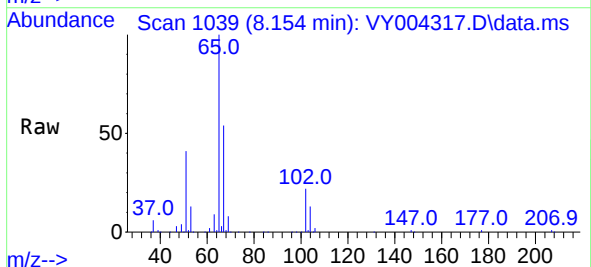
Instrument :
MSVOA_Y
ClientSampled :
S-3A

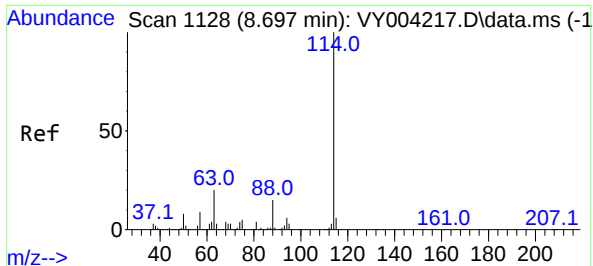
Tgt Ion: 43 Resp: 8138
Ion Ratio Lower Upper
43 100
72 25.0 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 62.13 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

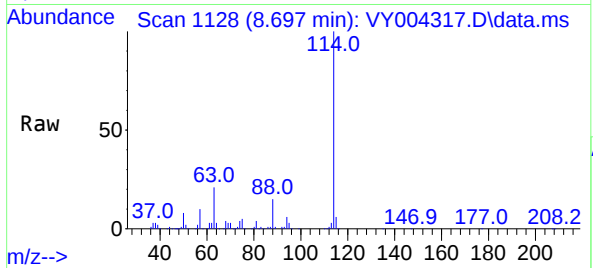
Tgt Ion: 65 Resp: 100960
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2



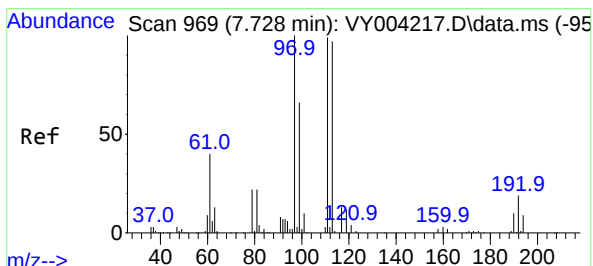
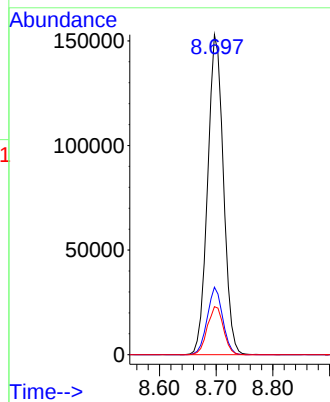
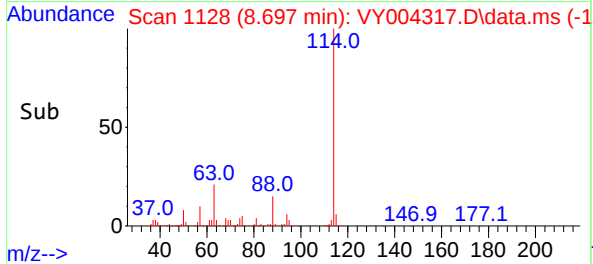


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

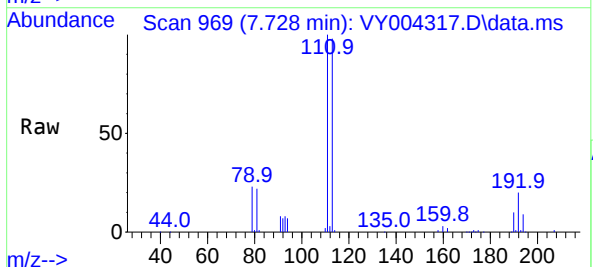
Instrument :
MSVOA_Y
ClientSampleId :
S-3A



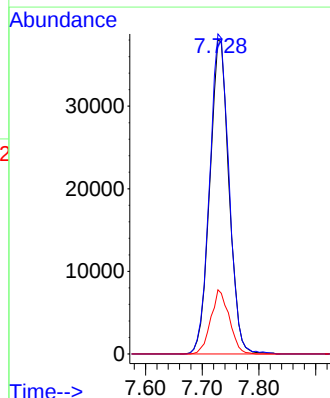
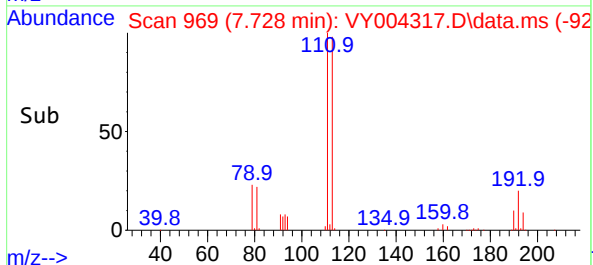
Tgt Ion:114 Resp: 295382
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 15.0 0.0 30.8

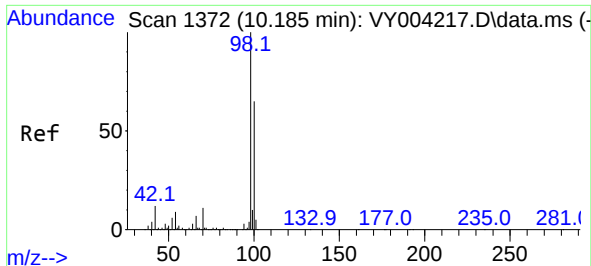


#35
Dibromofluoromethane
Concen: 54.13 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04



Tgt Ion:113 Resp: 89083
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.6 16.4 24.6

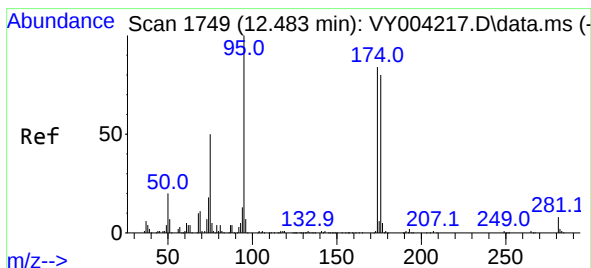
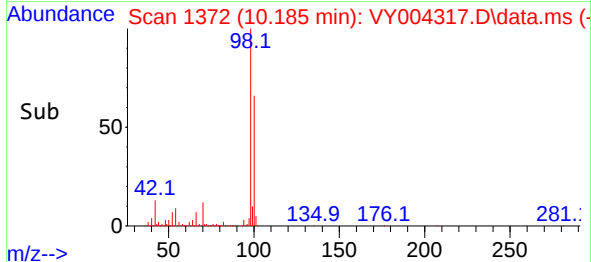
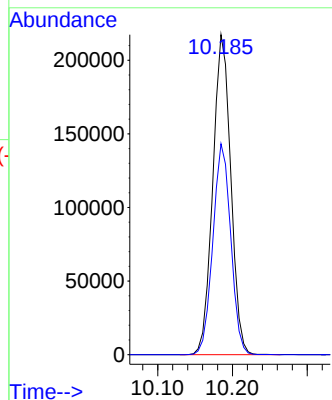
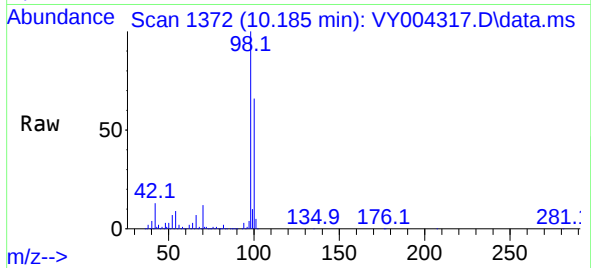




#50
Toluene-d8
Concen: 58.66 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

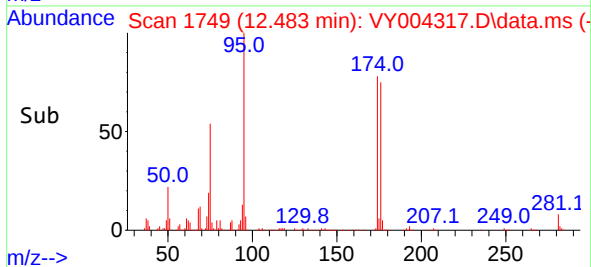
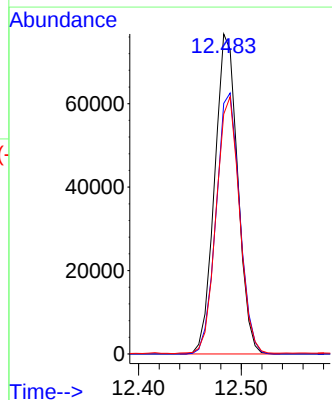
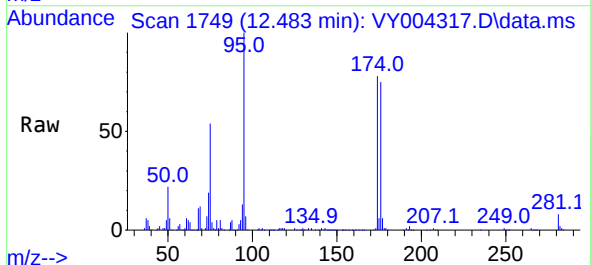
Instrument :
MSVOA_Y
ClientSampleId :
S-3A

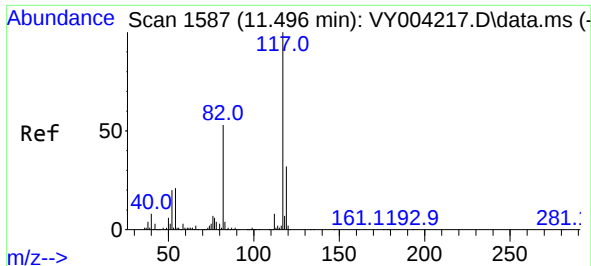
Tgt Ion: 98 Resp: 363107
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Tgt Ion: 95 Resp: 119162
Ion Ratio Lower Upper
95 100
174 83.1 0.0 171.4
176 81.2 0.0 165.6

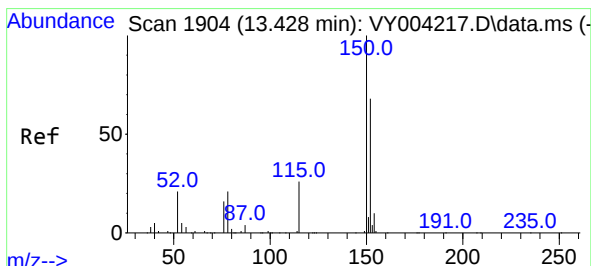
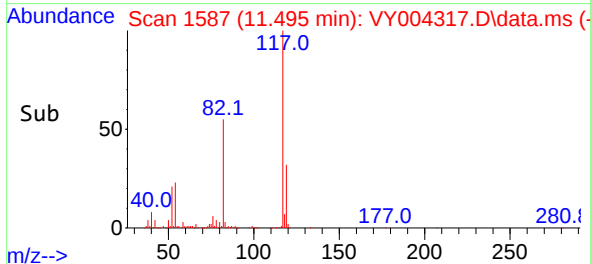
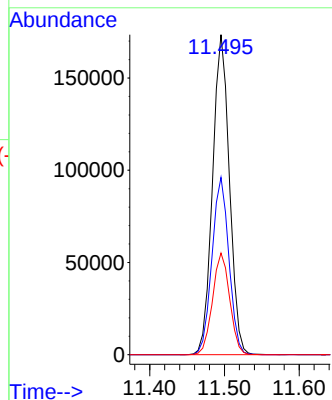
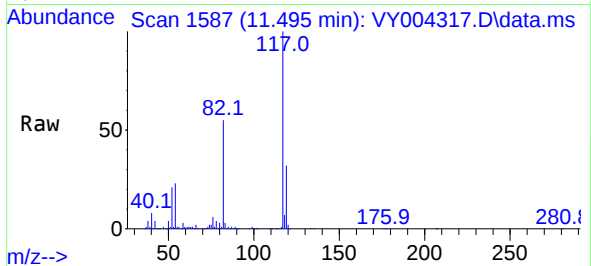




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Instrument :
MSVOA_Y
ClientSampleId :
S-3A

Tgt Ion:	117	Resp:	272549
Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.7	64.1
119	31.8	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: VY004317.D
Acq: 07 Apr 2021 16:04

Tgt Ion:	152	Resp:	119299
Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.0	87.1
150	158.4	0.0	347.4

