

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004321.D
 Acq On : 07 Apr 2021 17:37
 Operator : SY/MD
 Sample : M1961-03
 Misc : 6.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR1-A-BOTTOM

Quant Time: Apr 08 01:02:48 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)

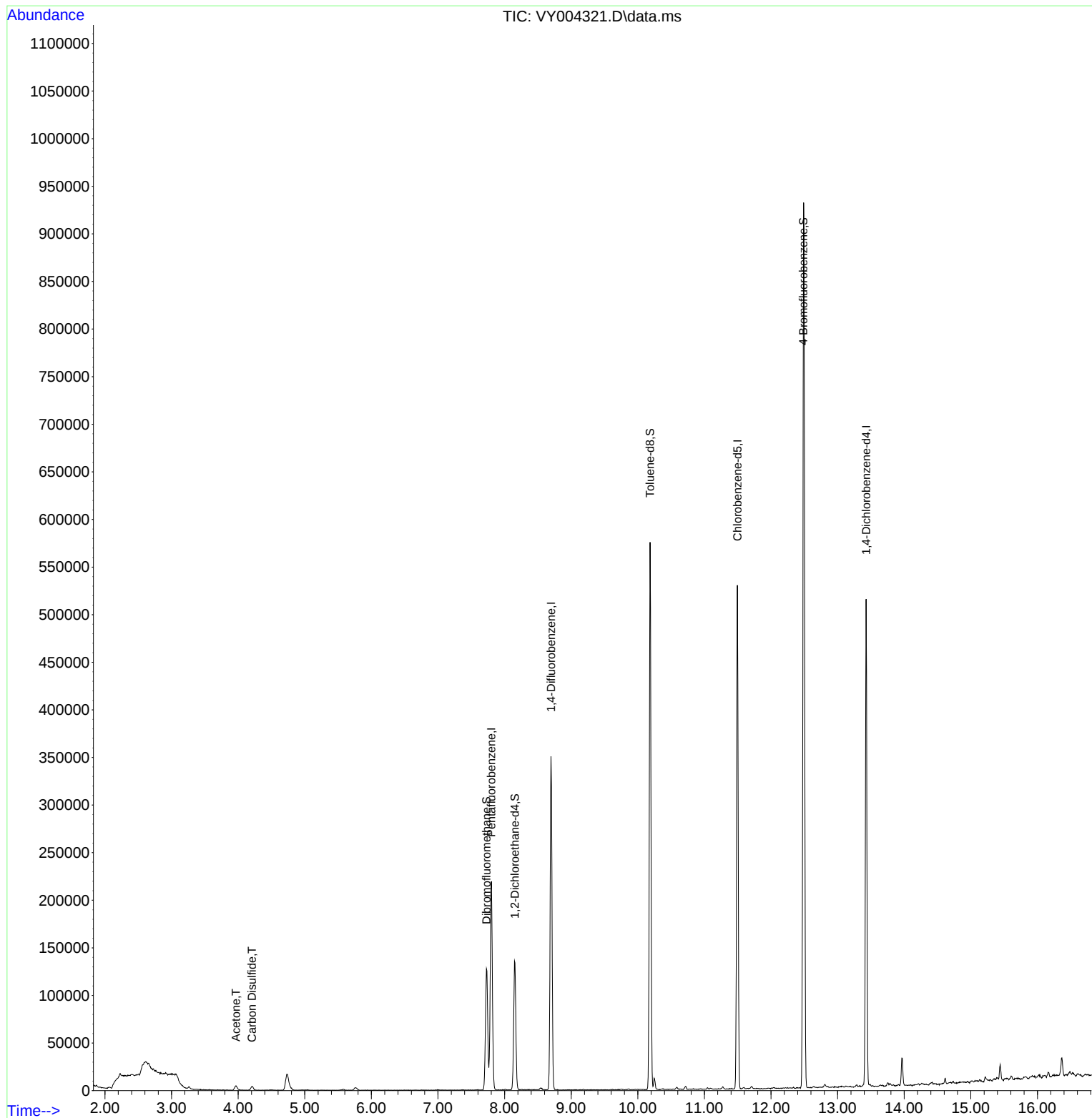
Internal Standards						
1) Pentafluorobenzene	7.801	168	165857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	269775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	105589	66.22	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.44%			
35) Dibromofluoromethane	7.728	113	89487	55.31	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.62%			
50) Toluene-d8	10.185	98	355423	58.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.82%			
62) 4-Bromofluorobenzene	12.483	95	124557	59.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.46%			
Target Compounds					Qvalue	
16) Acetone	3.966	43	8170	24.60	ug/l	94
17) Carbon Disulfide	4.204	76	7770	1.97	ug/l	99

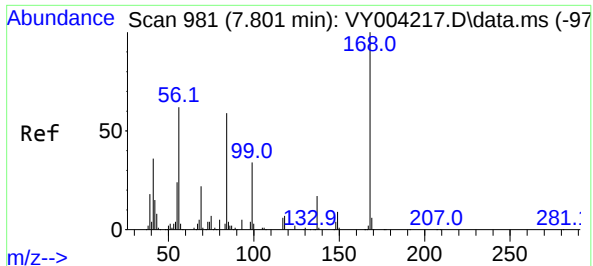
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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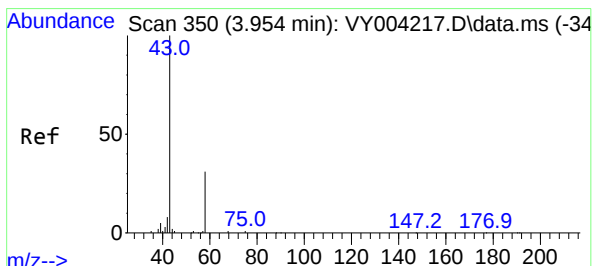
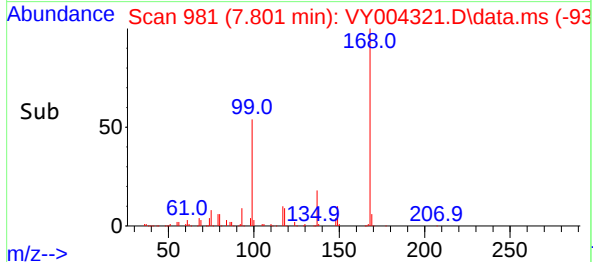
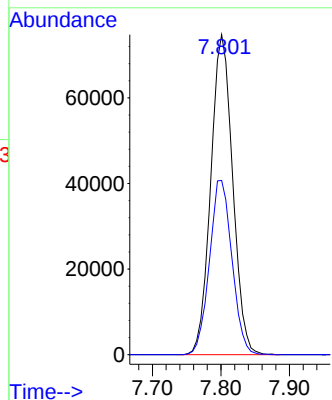
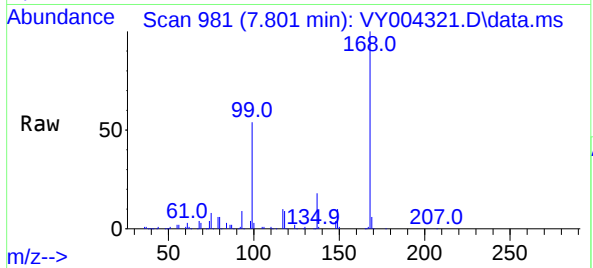




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

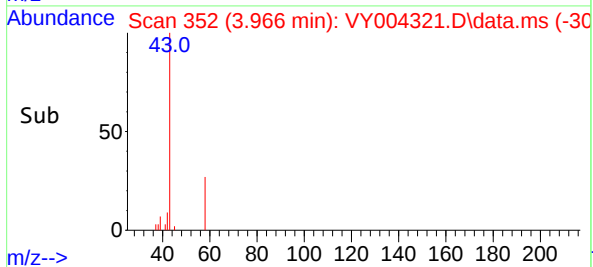
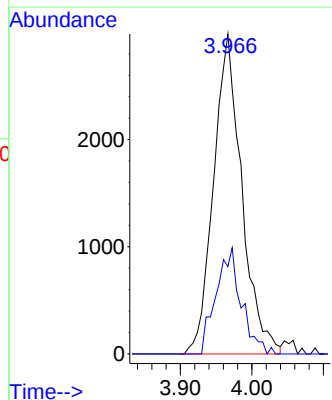
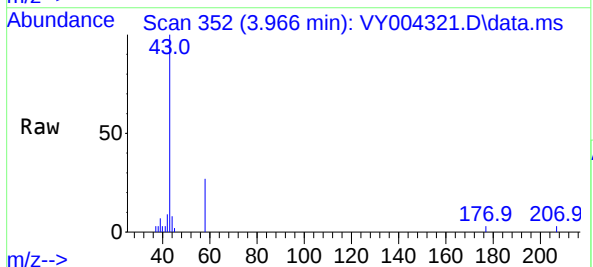
Instrument :
MSVOA_Y
ClientSampleId :
TR1-A-BOTTOM

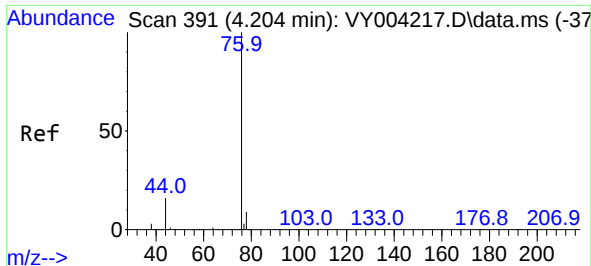
Tgt Ion:168 Resp: 165857
Ion Ratio Lower Upper
168 100
99 54.5 42.6 64.0



#16
Acetone
Concen: 24.60 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Tgt Ion: 43 Resp: 8170
Ion Ratio Lower Upper
43 100
58 27.3 24.5 36.7

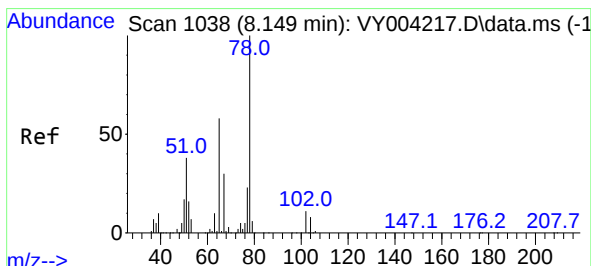
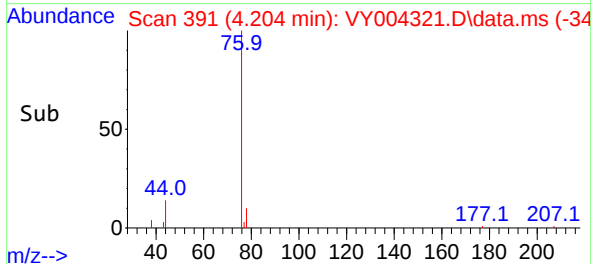
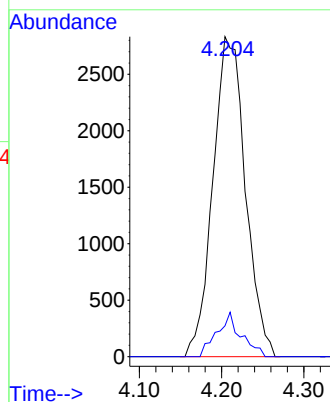
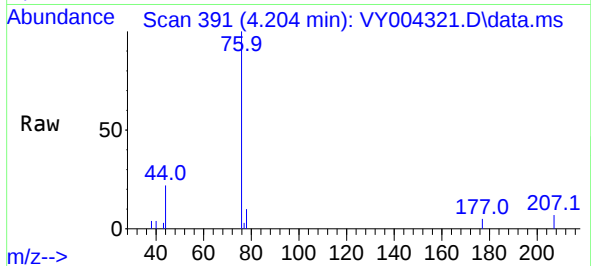




#17
Carbon Disulfide
Concen: 1.97 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

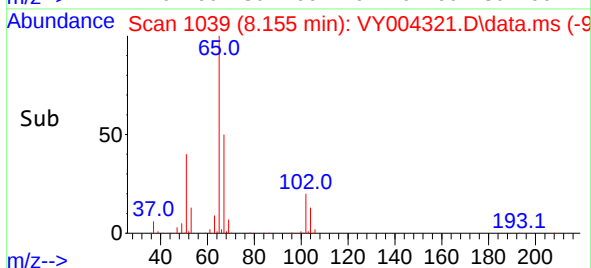
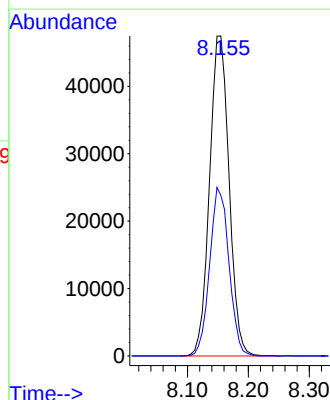
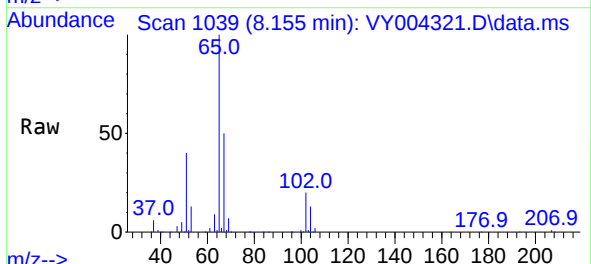
Instrument :
MSVOA_Y
ClientSampleId :
TR1-A-BOTTOM

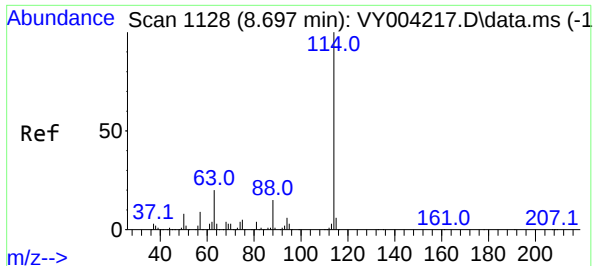
Tgt Ion: 76 Resp: 7770
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#33
1,2-Dichloroethane-d4
Concen: 66.22 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Tgt Ion: 65 Resp: 105589
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

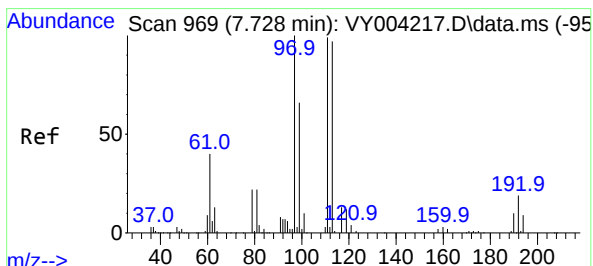
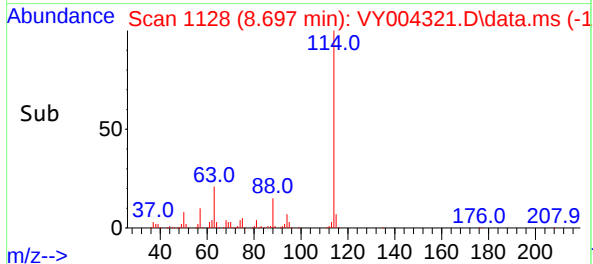
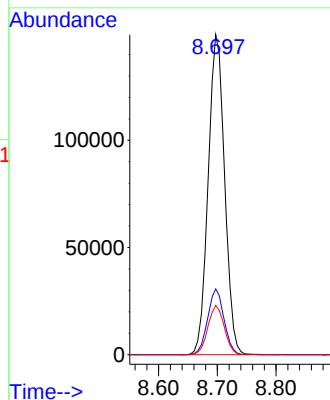
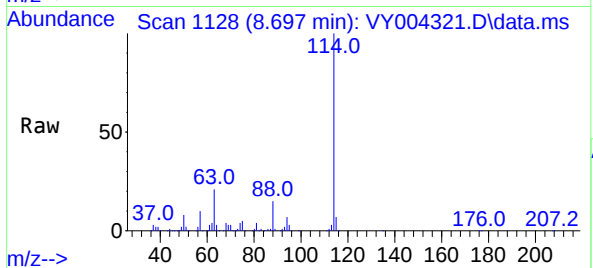
RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004321.D

Acq: 07 Apr 2021 17:37

Tgt Ion:	114	Resp:	290357
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	40.4
88	15.4	0.0	30.8



#35

Dibromofluoromethane

Concen: 55.31 ug/l

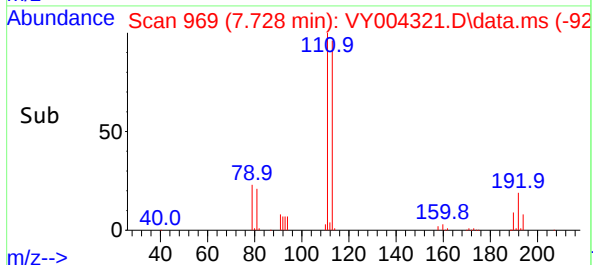
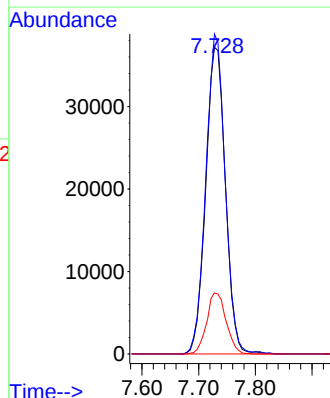
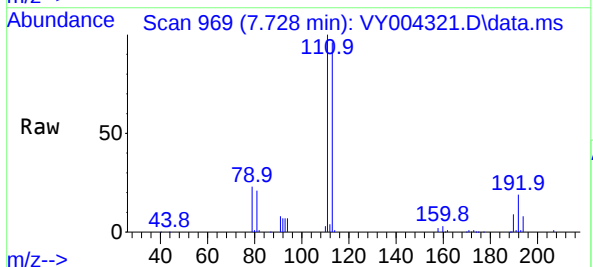
RT: 7.728 min Scan# 969

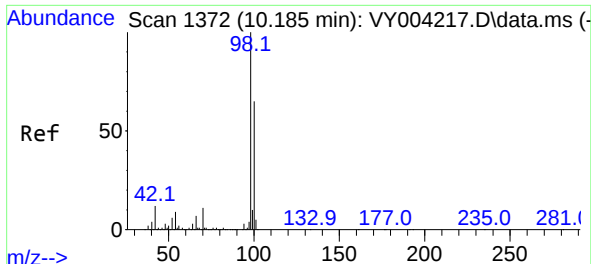
Delta R.T. -0.000 min

Lab File: VY004321.D

Acq: 07 Apr 2021 17:37

Tgt Ion:	113	Resp:	89487
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	124.0
192	19.6	16.4	24.6

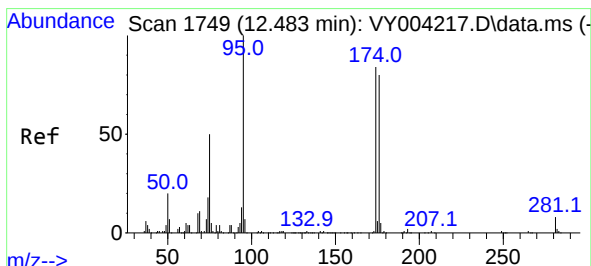
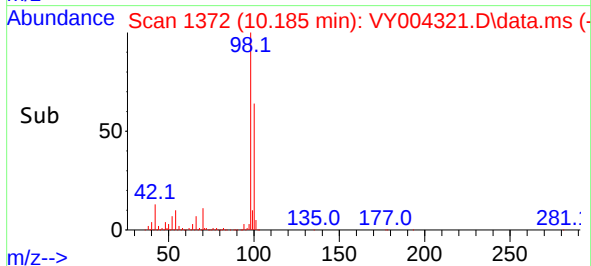
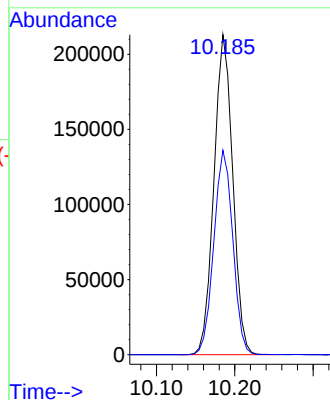
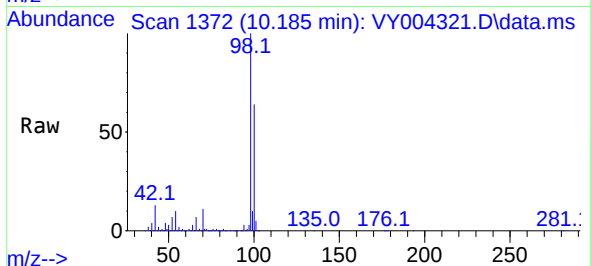




#50
Toluene-d8
Concen: 58.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

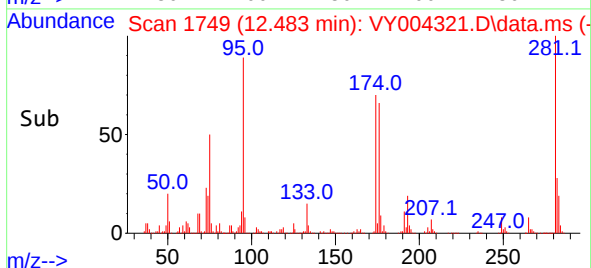
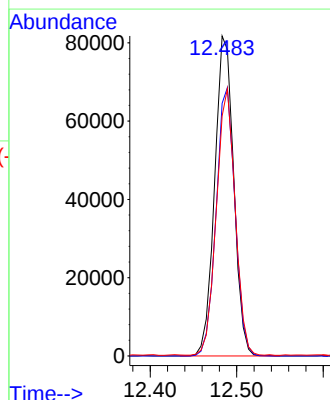
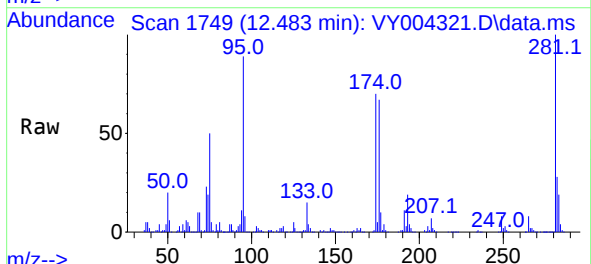
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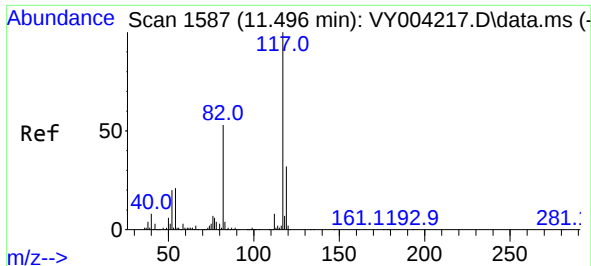
Tgt Ion: 98 Resp: 355423
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 59.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Tgt Ion: 95 Resp: 124557
Ion Ratio Lower Upper
95 100
174 83.3 0.0 171.4
176 82.3 0.0 165.6



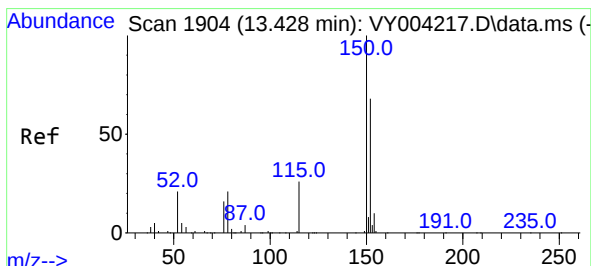
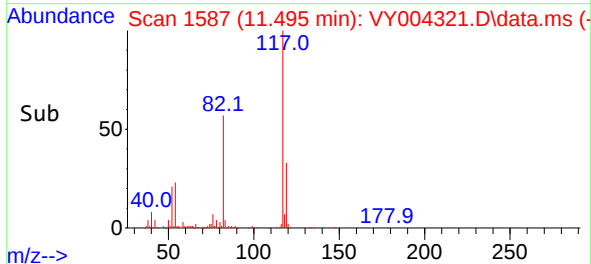
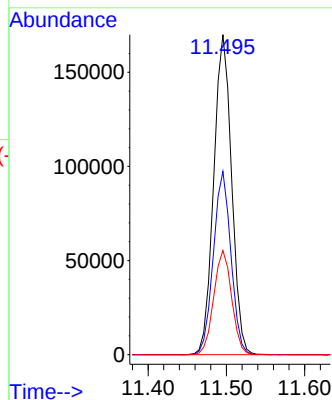
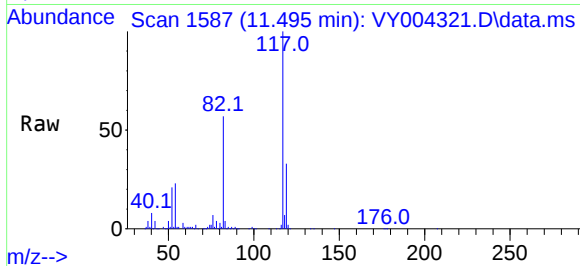


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Instrument :
MSVOA_Y
ClientSampleId :
TR1-A-BOTTOM

Tgt Ion:117 Resp: 269775

Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.7	64.1
119	32.6	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: VY004321.D
Acq: 07 Apr 2021 17:37

Tgt Ion:152 Resp: 123111

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.0	87.1
150	158.3	0.0	347.4

