

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004563.D
 Acq On : 21 Apr 2021 18:06
 Operator : SY/MD
 Sample : M2099-07
 Misc : 5.94G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Apr 22 11:20:00 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)

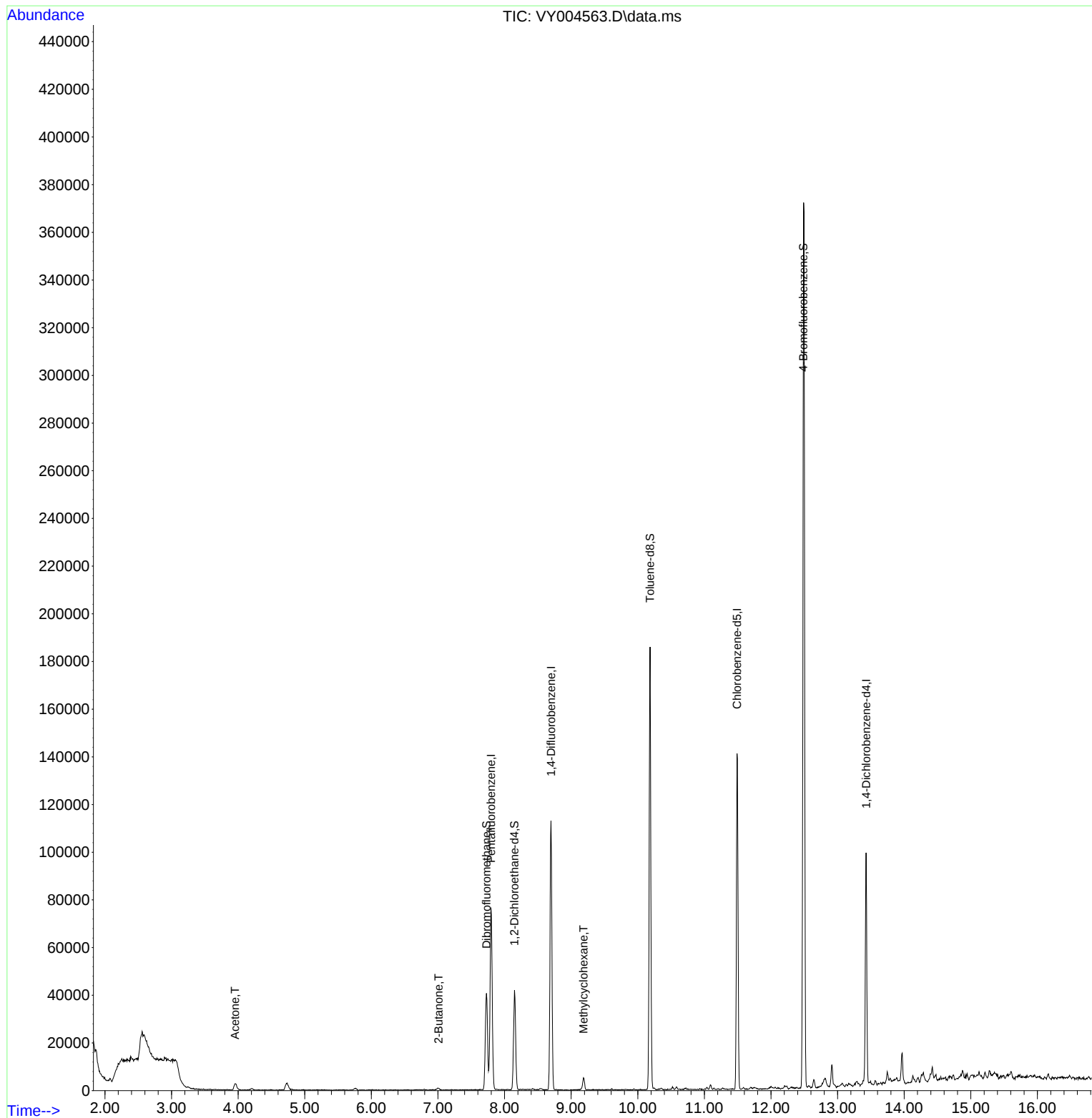
Internal Standards						
1) Pentafluorobenzene	7.795	168	56490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	91841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	73176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31768	50.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.24%
35) Dibromofluoromethane	7.728	113	28429	55.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.56%
50) Toluene-d8	10.185	98	111397	51.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.76%
62) 4-Bromofluorobenzene	12.483	95	27320	37.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.28%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	5035	20.11	ug/l #	83
25) 2-Butanone	7.009	43	1469	6.14	ug/l #	83
39) Methylcyclohexane	9.185	83	2005	1.78	ug/l	96

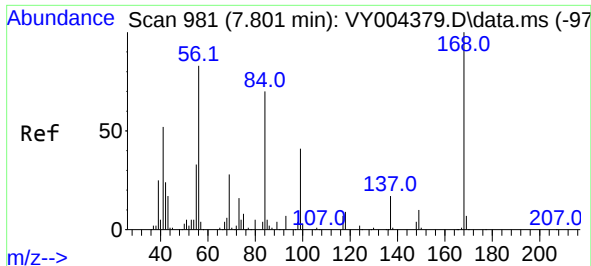
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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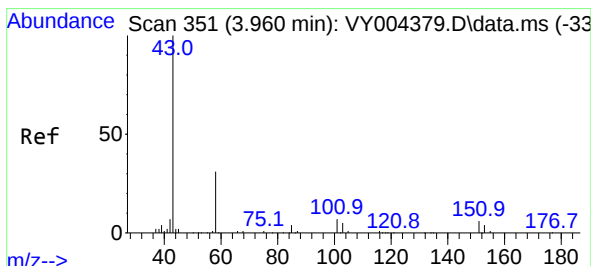
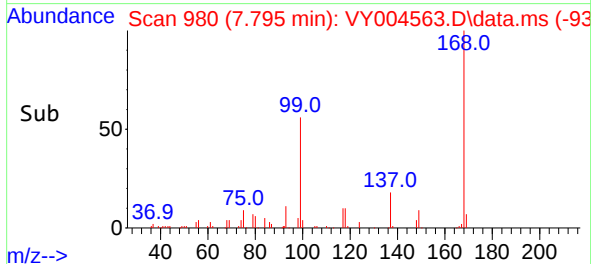
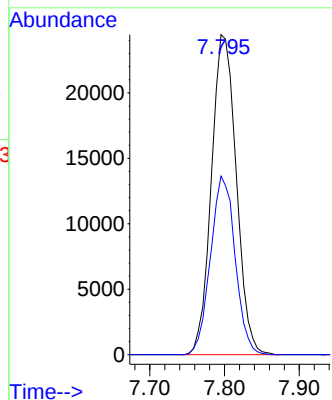
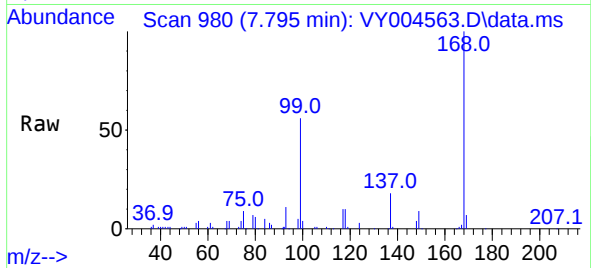




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

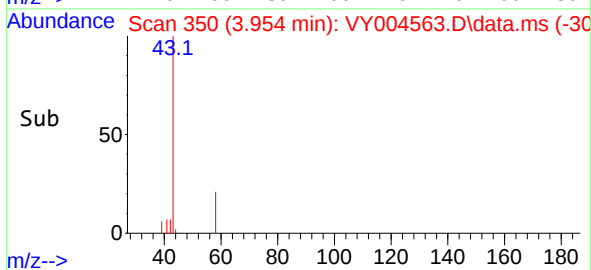
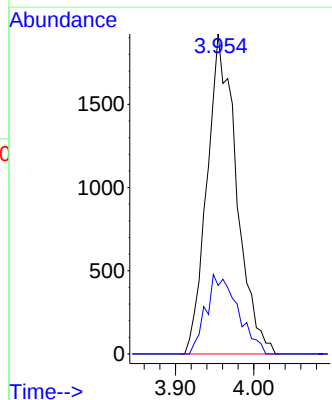
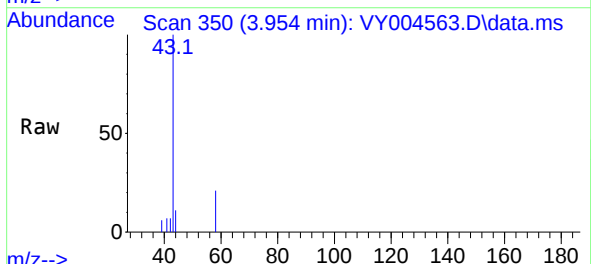
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

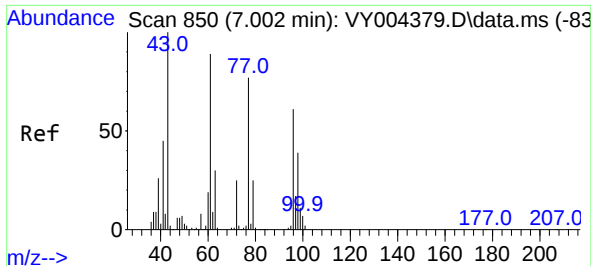
Tgt Ion:168 Resp: 56490
Ion Ratio Lower Upper
168 100
99 55.8 45.5 68.3



#16
Acetone
Concen: 20.11 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

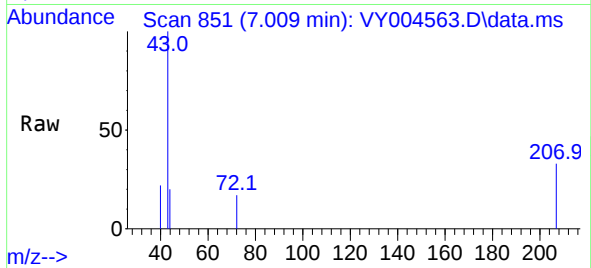
Tgt Ion: 43 Resp: 5035
Ion Ratio Lower Upper
43 100
58 21.4 24.6 37.0#



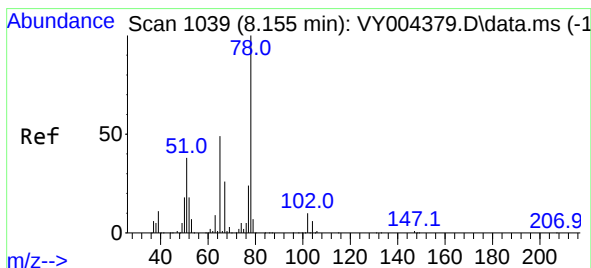
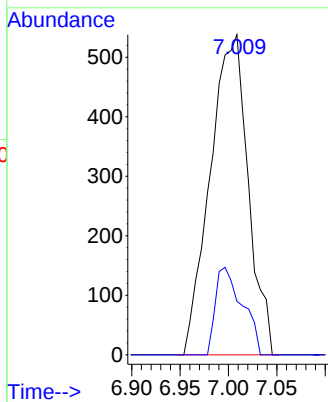
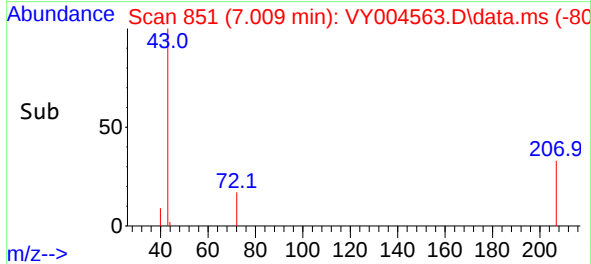


#25
2-Butanone
Concen: 6.14 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

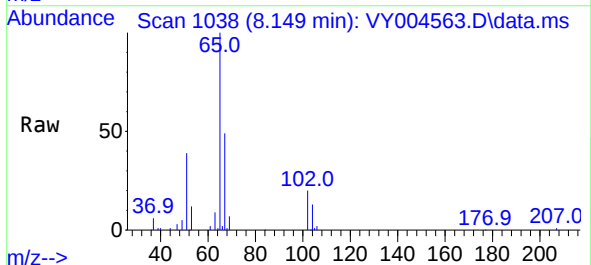
Instrument :
MSVOA_Y
ClientSampled :
TP-4



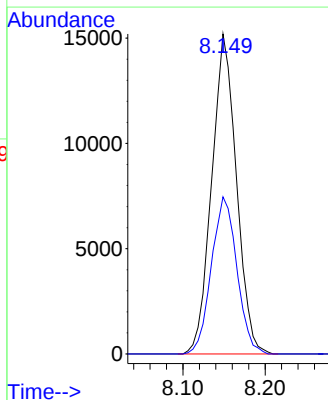
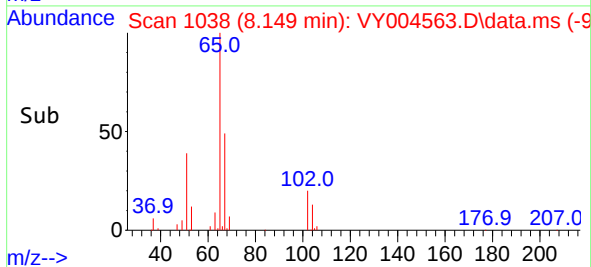
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
72 16.7 20.2 30.2#

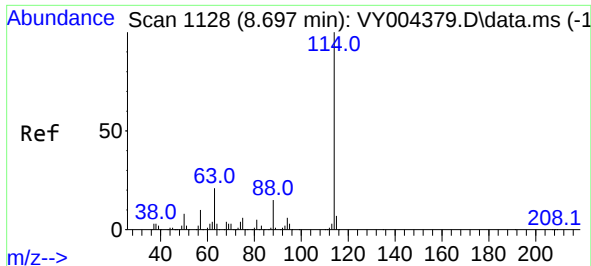


#33
1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06



Tgt Ion: 65 Resp: 31768
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

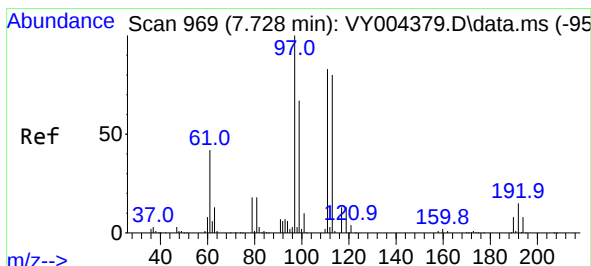
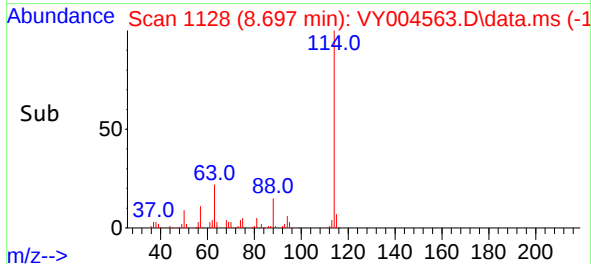
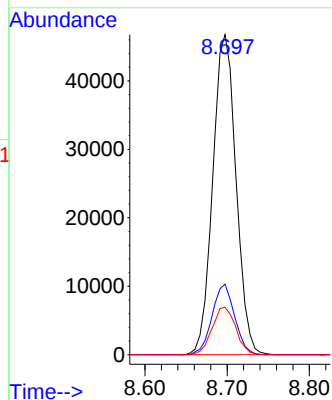
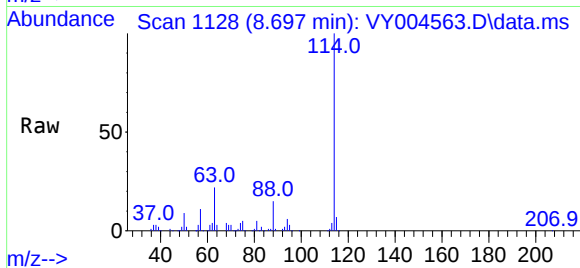
RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004563.D

Acq: 21 Apr 2021 18:06

Tgt Ion:	114	Resp:	91841
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.4
88	14.8	0.0	30.8



#35

Dibromofluoromethane

Concen: 55.78 ug/l

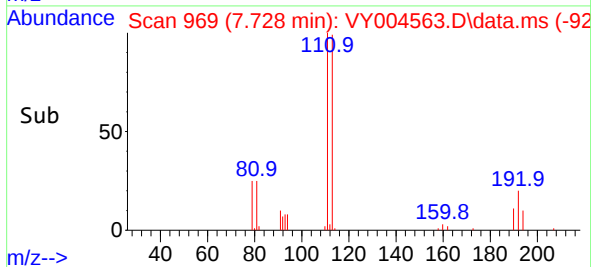
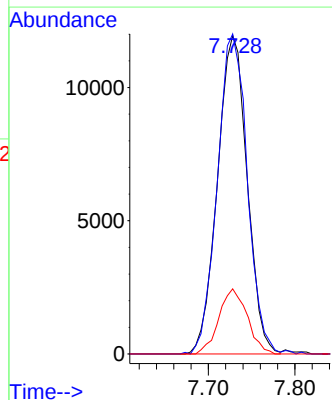
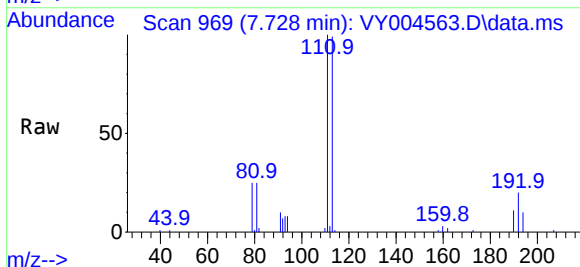
RT: 7.728 min Scan# 969

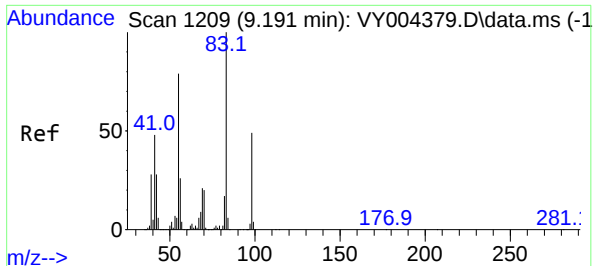
Delta R.T. 0.000 min

Lab File: VY004563.D

Acq: 21 Apr 2021 18:06

Tgt Ion:	113	Resp:	28429
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	19.6	16.1	24.1

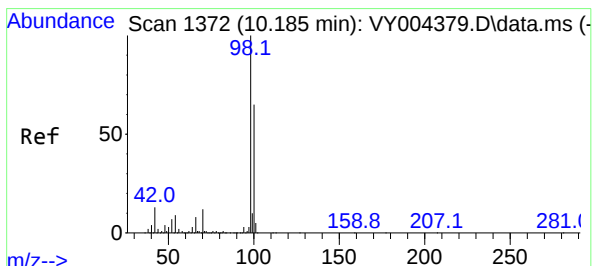
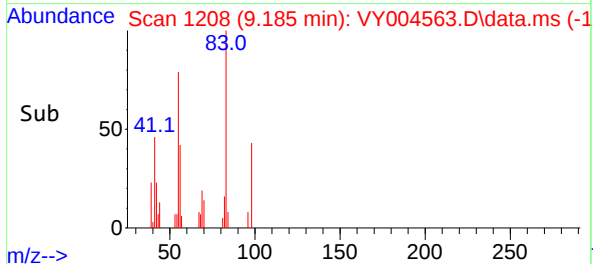
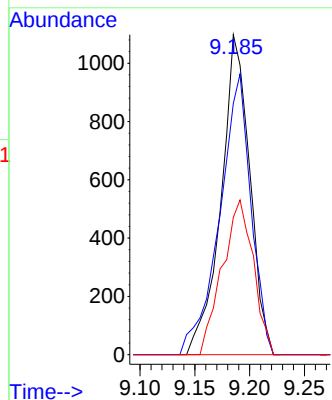
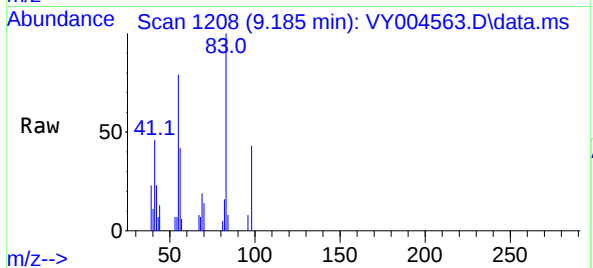




#39
Methylcyclohexane
Concen: 1.78 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

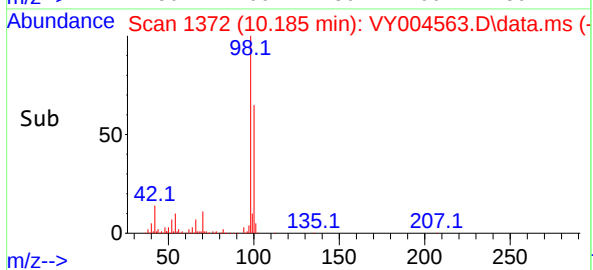
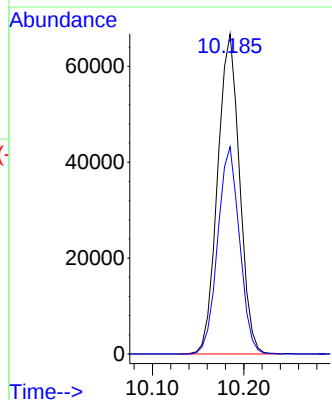
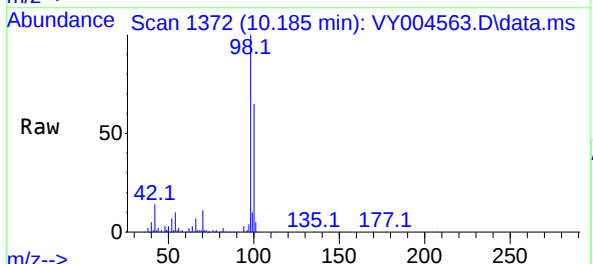
Instrument :
MSVOA_Y
ClientSampled :
TP-4

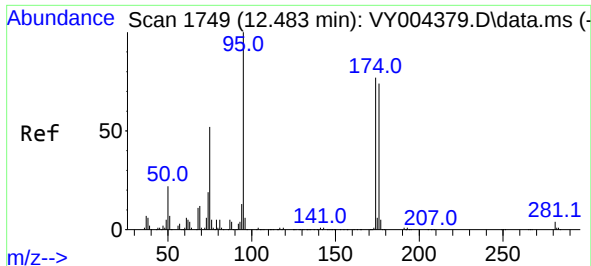
Tgt Ion: 83	Resp:	2005
Ion	Ratio	Lower Upper
83	100	
55	78.5	63.0 94.4
98	42.9	39.2 58.8



#50
Toluene-d8
Concen: 51.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 98	Resp:	111397
Ion	Ratio	Lower Upper
98	100	
100	64.3	51.8 77.6

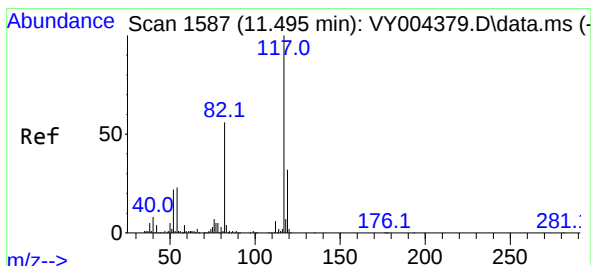
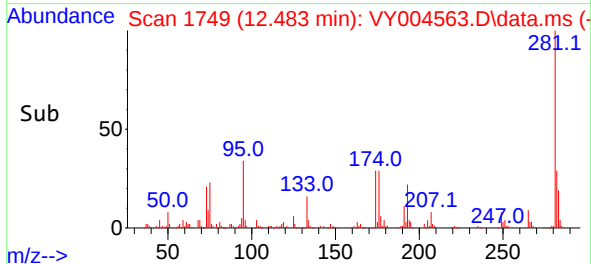
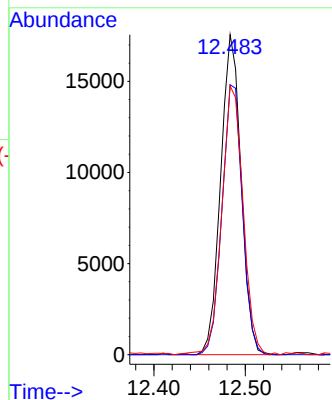
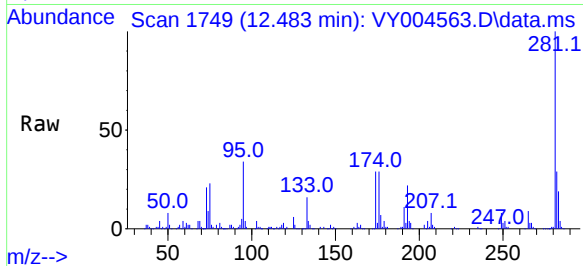




#62
4-Bromofluorobenzene
Concen: 37.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

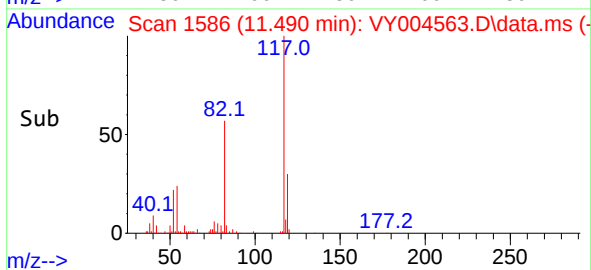
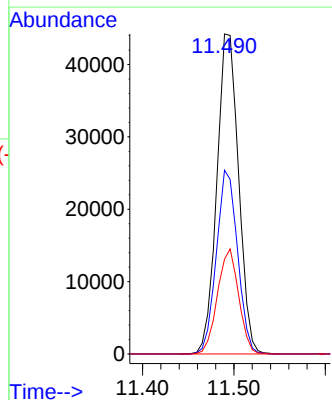
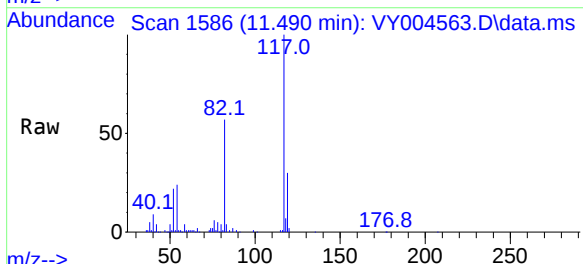
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

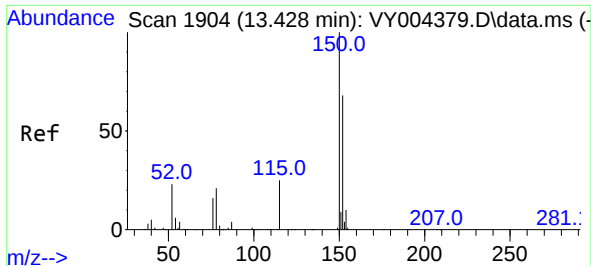
Tgt Ion: 95 Resp: 27320
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 87.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 117 Resp: 73176
Ion Ratio Lower Upper
117 100
82 57.4 44.9 67.3
119 29.6 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: VY004563.D
 Acq: 21 Apr 2021 18:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Tgt Ion:152 Resp: 23476
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.6 88.8
 150 151.4 0.0 348.4

