

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006106.D
 Acq On : 22 Sep 2021 16:15
 Operator : SY/MD
 Sample : M3871-01
 Misc : 3.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS01-BL-(0.0)

Quant Time: Sep 23 01:27:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

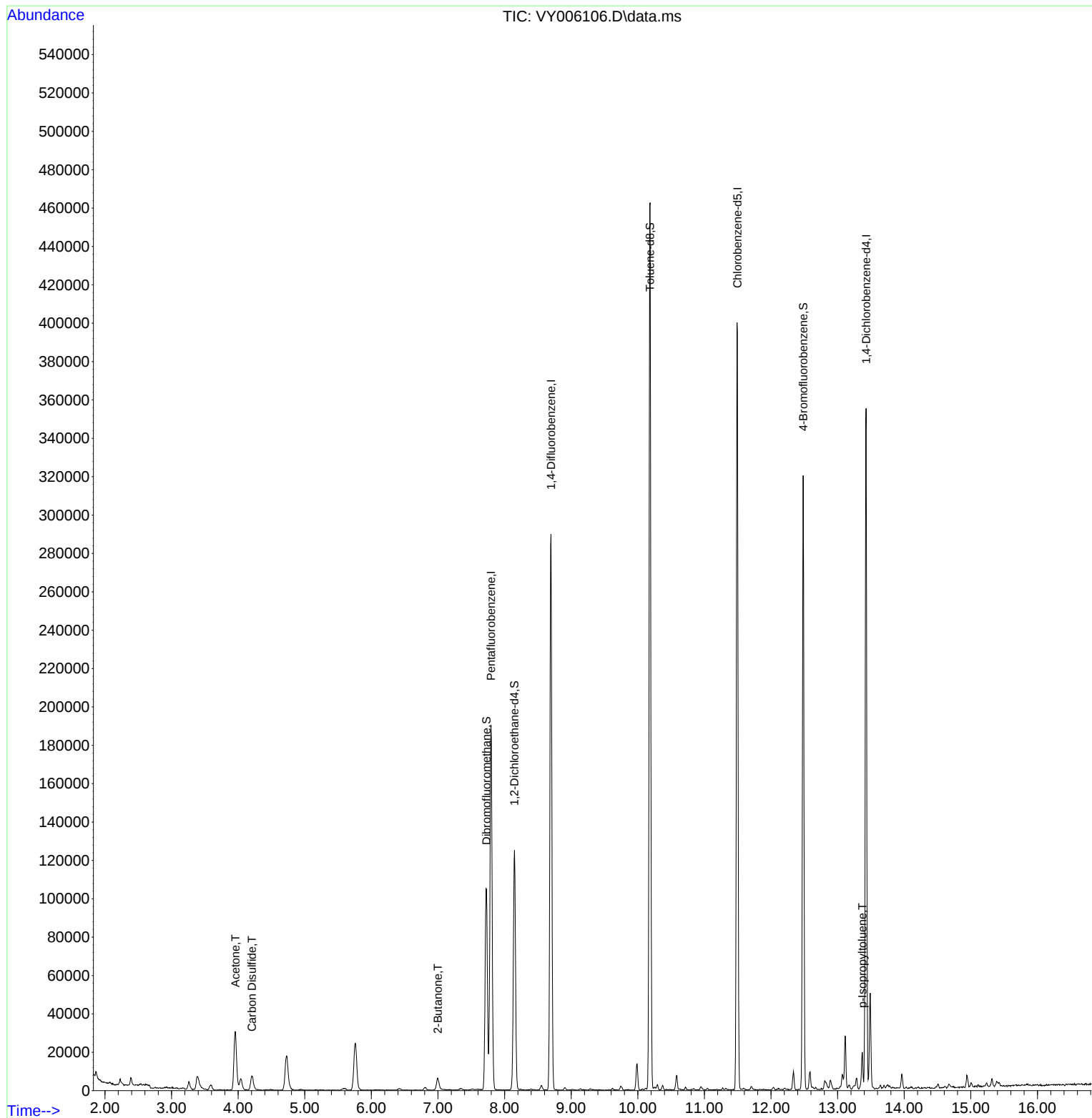
Internal Standards						
1) Pentafluorobenzene	7.795	168	150627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102614	49.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.728	113	73862	50.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.185	98	295603	46.959	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.483	95	88014	41.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.360%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	55853	97.326	ug/l	100
17) Carbon Disulfide	4.204	76	7735	1.540	ug/l	99
25) 2-Butanone	6.996	43	9504	12.016	ug/l	98
86) p-Isopropyltoluene	13.373	119	9282	1.513	ug/l	98

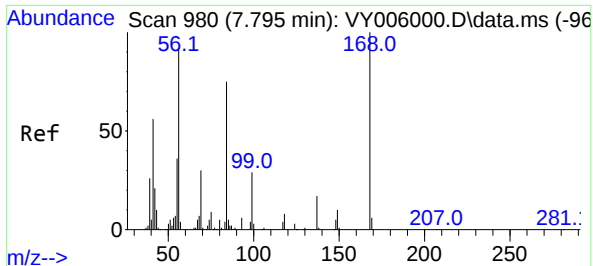
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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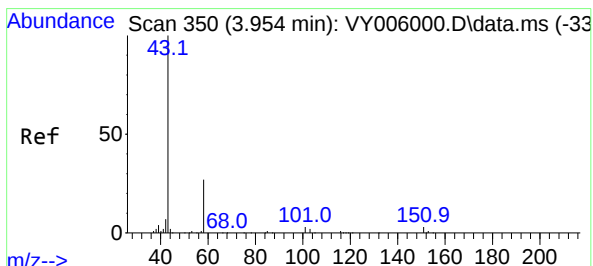
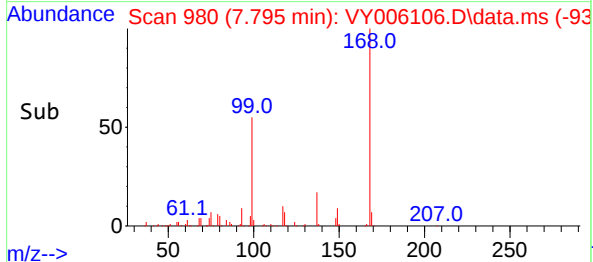
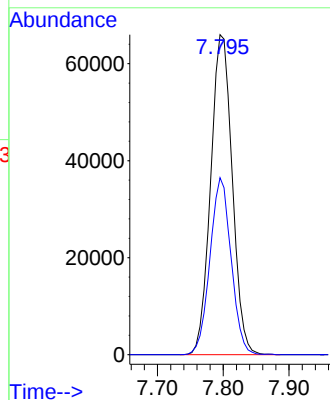
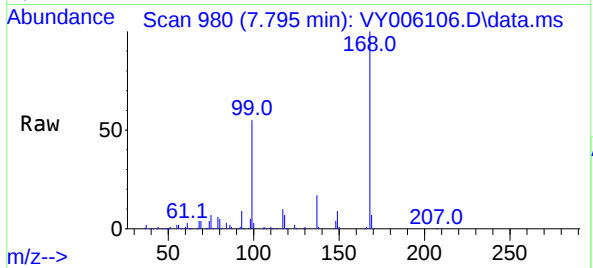




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

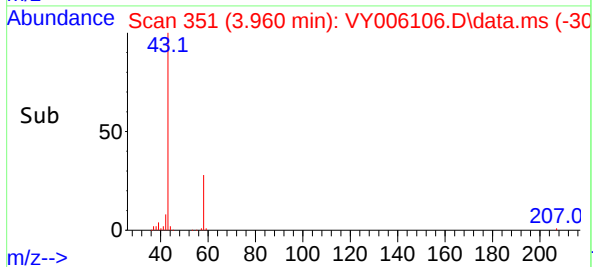
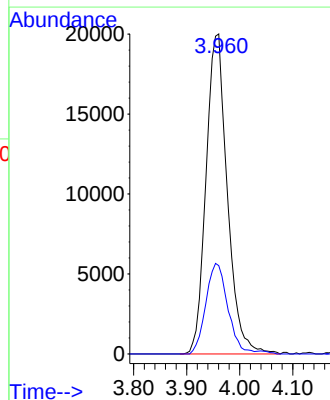
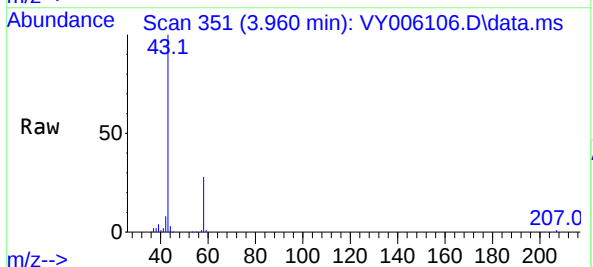
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

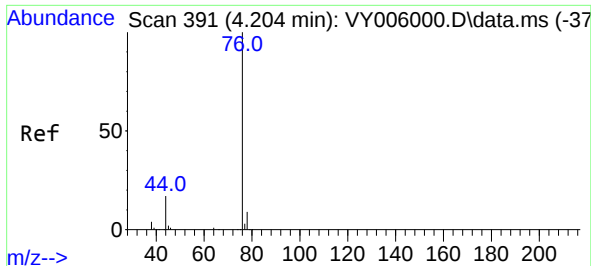
Tgt Ion:168 Resp: 150627
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#16
Acetone
Concen: 97.326 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 43 Resp: 55853
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0

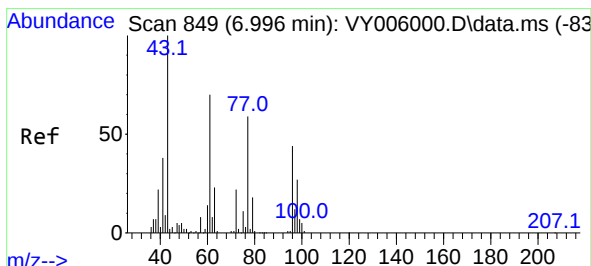
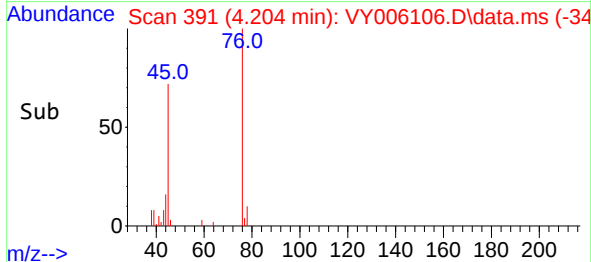
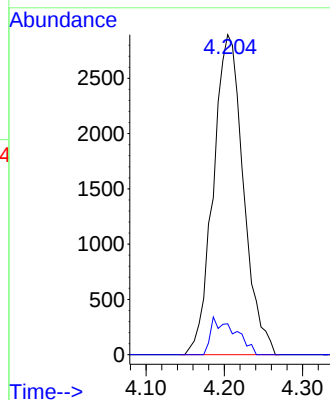
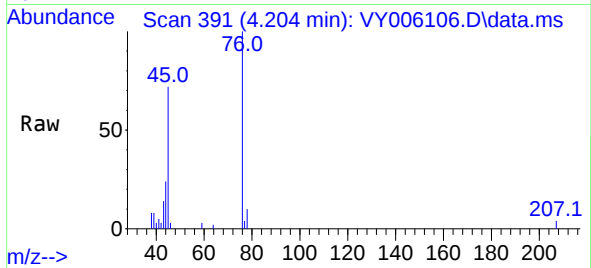




#17
Carbon Disulfide
Concen: 1.540 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

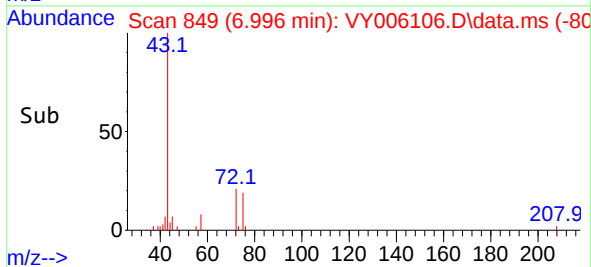
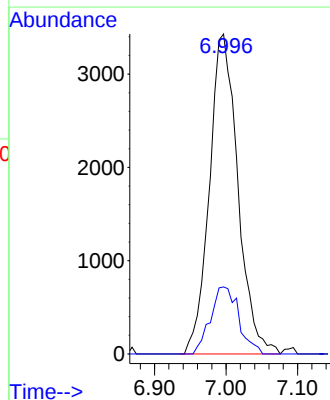
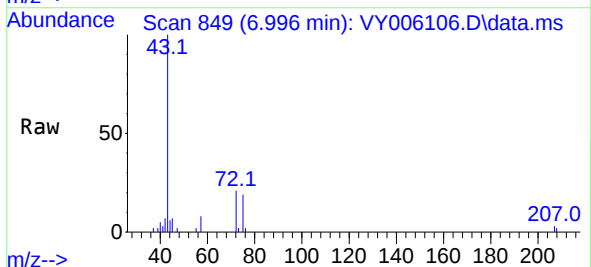
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

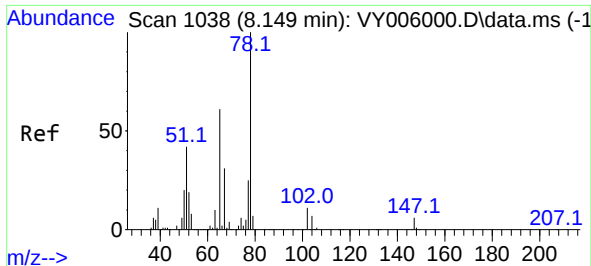
Tgt Ion: 76 Resp: 7735
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#25
2-Butanone
Concen: 12.016 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 43 Resp: 9504
Ion Ratio Lower Upper
43 100
72 21.0 17.7 26.5

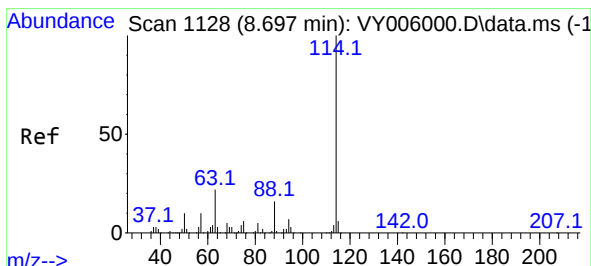
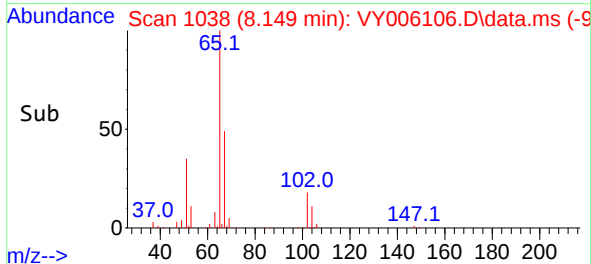
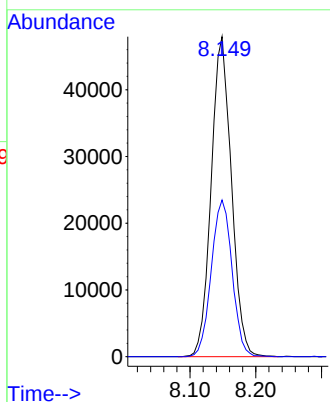
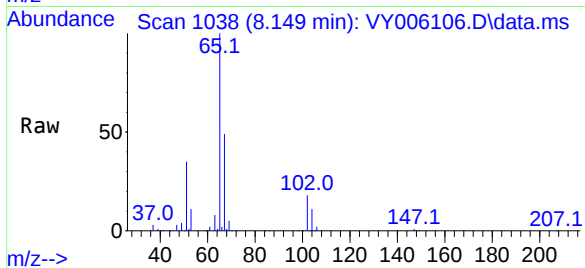




#33
1,2-Dichloroethane-d4
Concen: 49.044 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

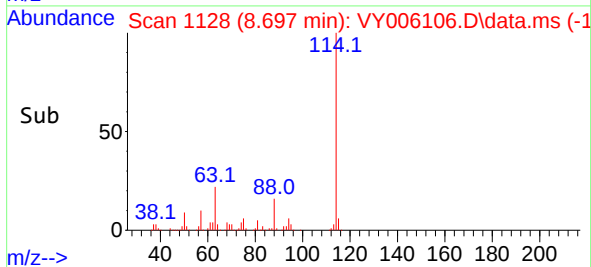
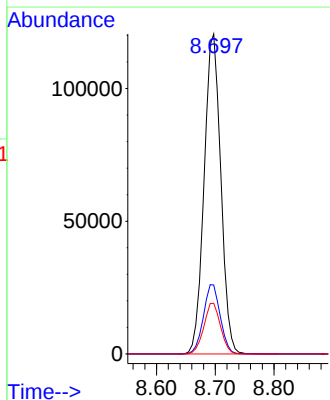
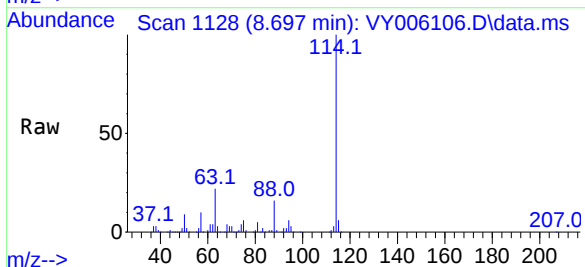
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

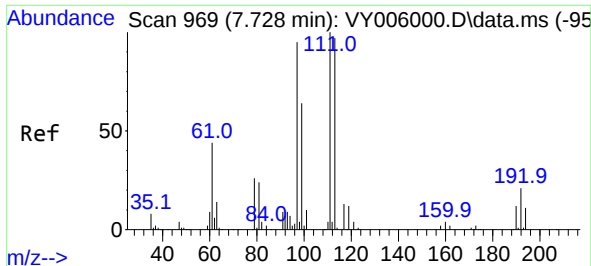
Tgt Ion: 65 Resp: 102614
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 114 Resp: 237791
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.8 0.0 31.8

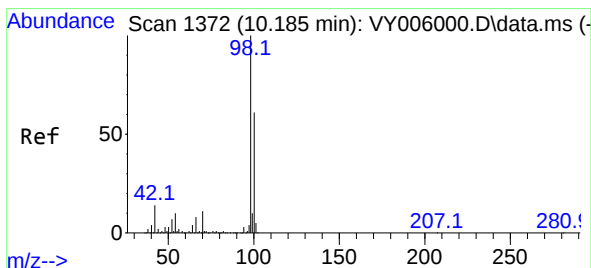
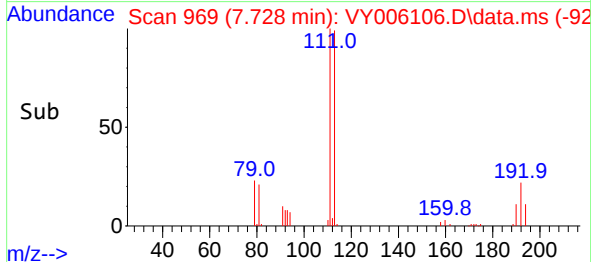
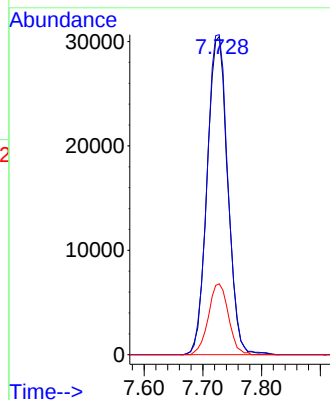
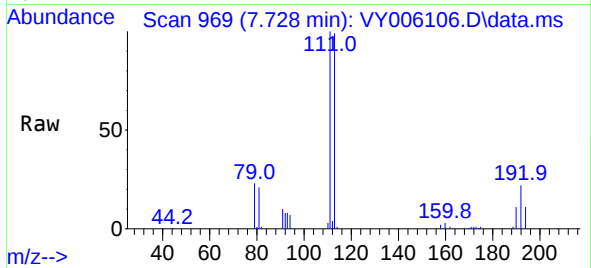




#35
Dibromofluoromethane
Concen: 50.009 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

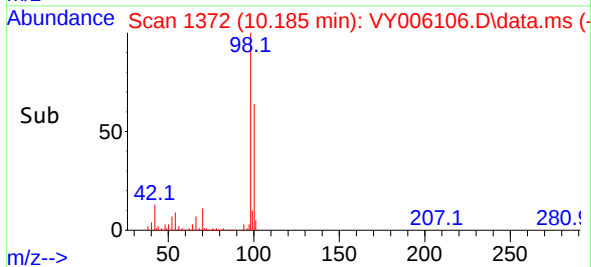
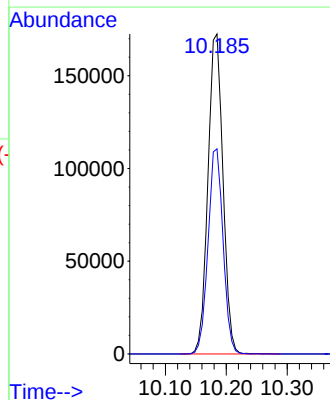
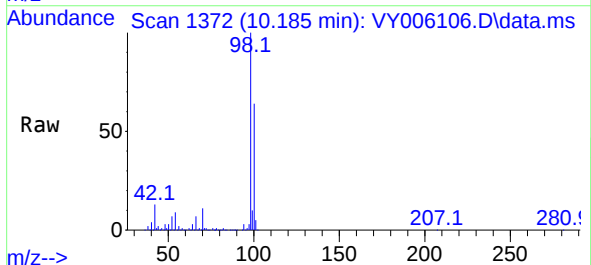
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SS01-BL-(0.0)

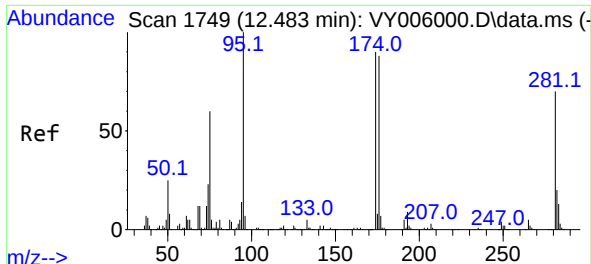
Tgt Ion:113 Resp: 73862
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 21.8 17.6 26.4



#50
Toluene-d8
Concen: 46.959 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 98 Resp: 295603
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

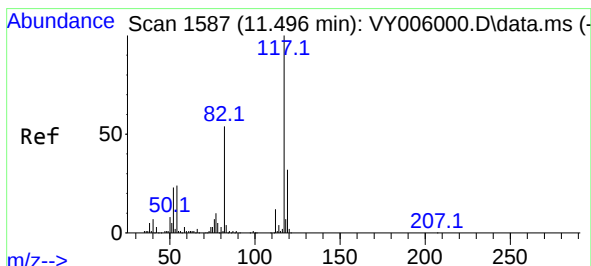
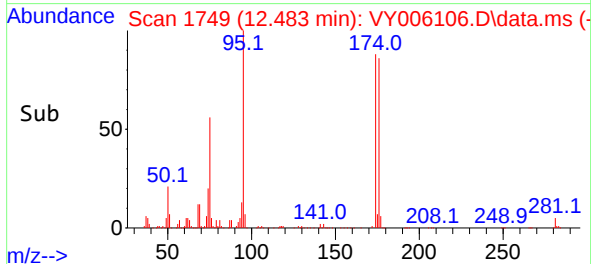
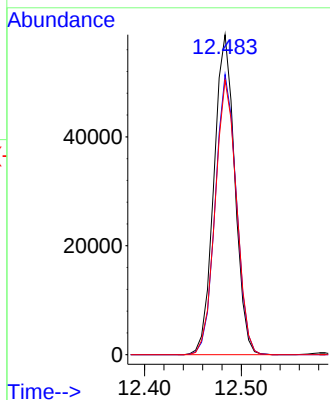
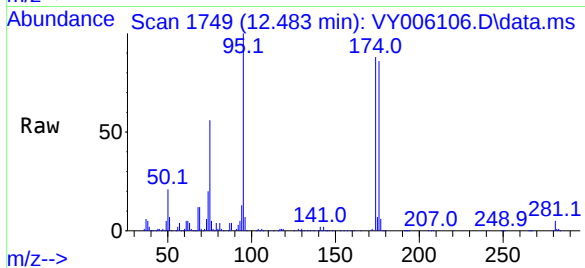




#62
4-Bromofluorobenzene
Concen: 41.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

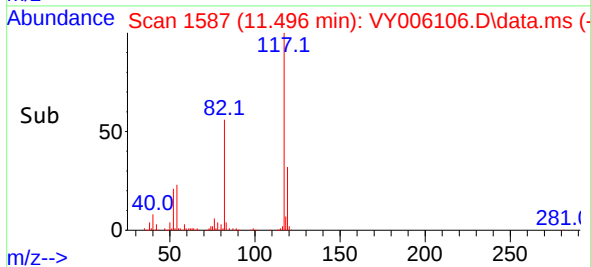
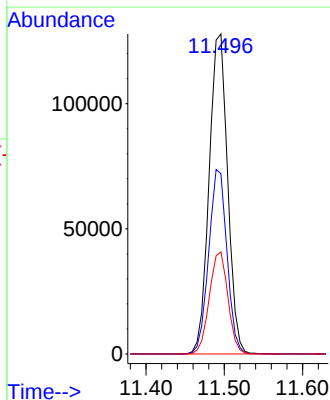
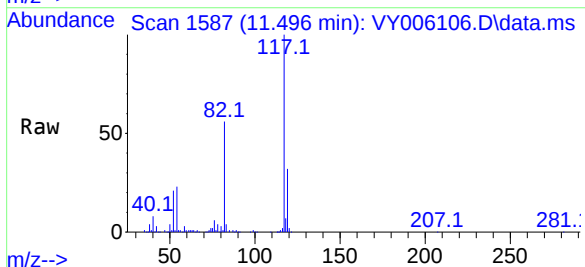
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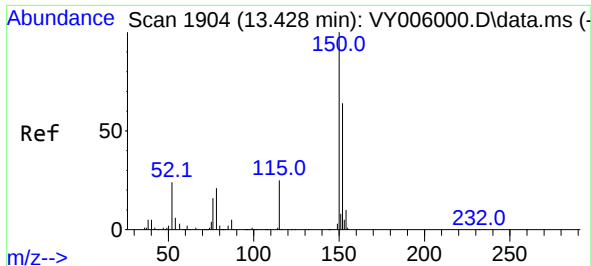
Tgt Ion:	95	Resp:	88014
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	177.0
176	87.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion:	117	Resp:	209903
Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.4
119	31.9	25.4	38.0

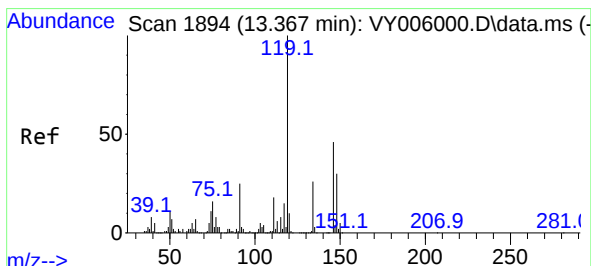
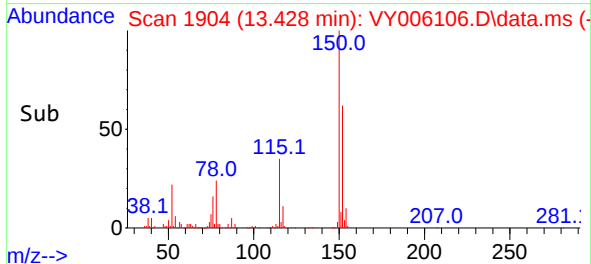
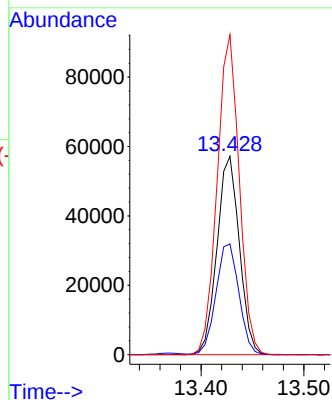
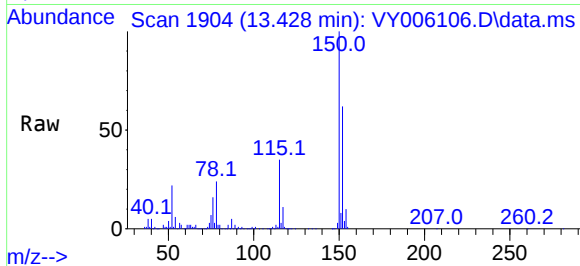




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

Tgt Ion:152 Resp: 86430
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 159.0 0.0 347.6



#86
p-Isopropyltoluene
Concen: 1.513 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion:119 Resp: 9282
Ion Ratio Lower Upper
119 100
134 27.4 13.2 39.5
91 25.5 12.4 37.2

