

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004389.D
 Acq On : 12 Apr 2021 17:13
 Operator : SY/MD
 Sample : M1998-08
 Misc : 3.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5A

Quant Time: Apr 13 03:56:06 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)

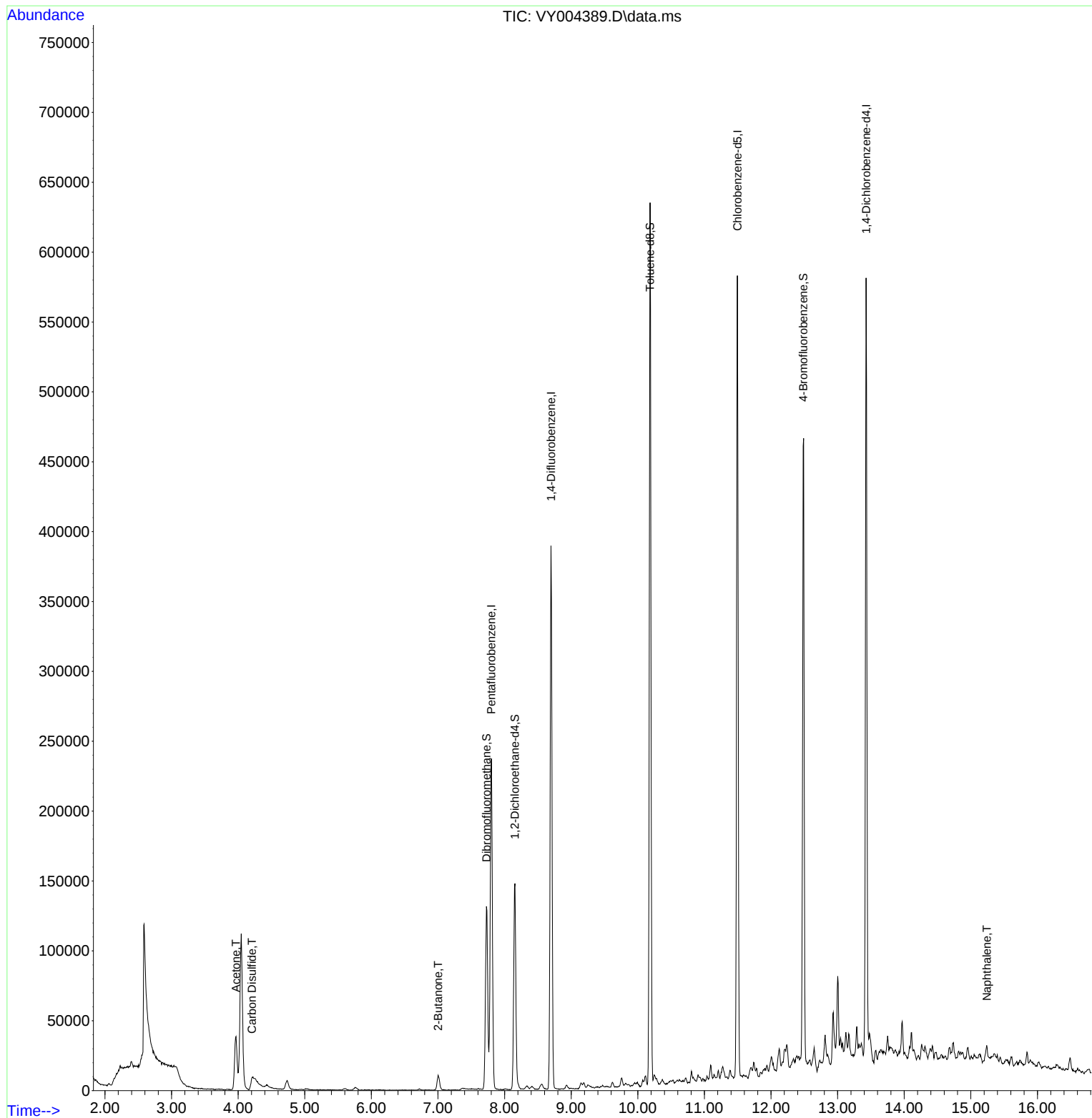
Internal Standards						
1) Pentafluorobenzene	7.801	168	179756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	313855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	296034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	112582	56.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.74%	
35) Dibromofluoromethane	7.728	113	91636	52.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.22%	
50) Toluene-d8	10.185	98	385344	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.02%	
62) 4-Bromofluorobenzene	12.483	95	133296	53.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.04%	
Target Compounds						
						Qvalue
16) Acetone	3.966	43	69352	156.40	ug/l	94
17) Carbon Disulfide	4.204	76	14093	2.62	ug/l	99
25) 2-Butanone	7.002	43	17877	23.50	ug/l	92
95) Naphthalene	15.239	128	7880	1.40	ug/l #	87

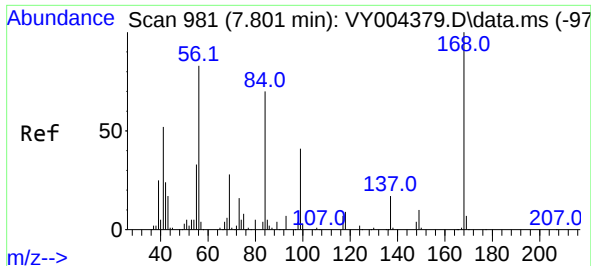
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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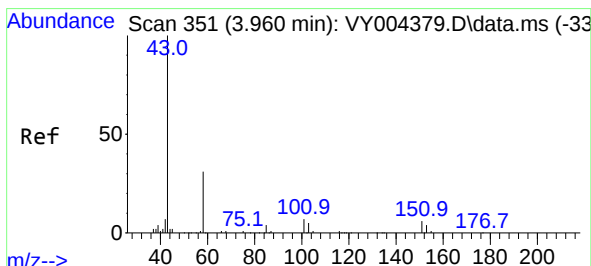
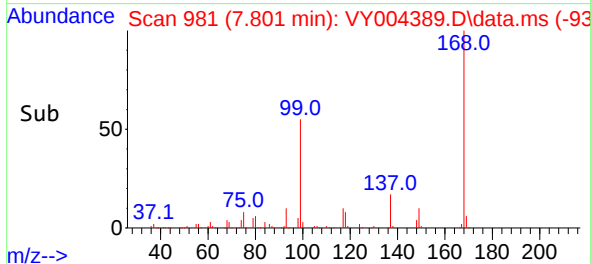
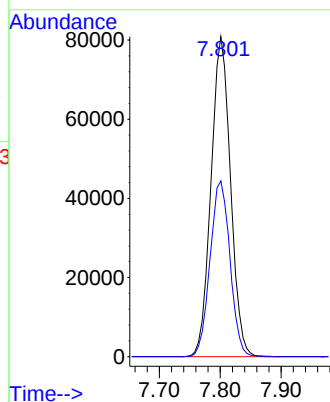
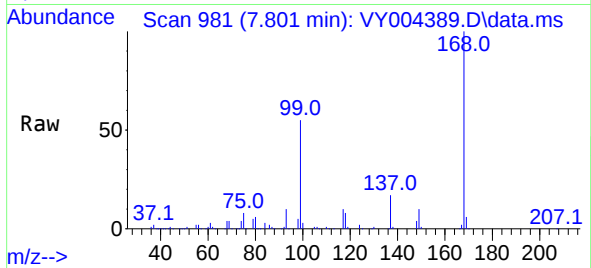




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

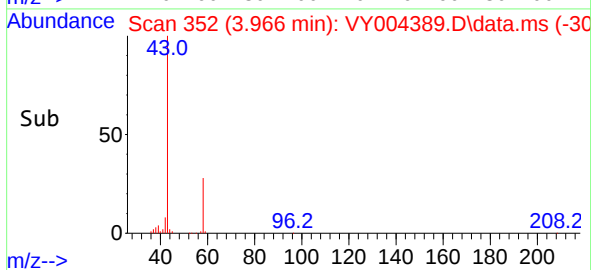
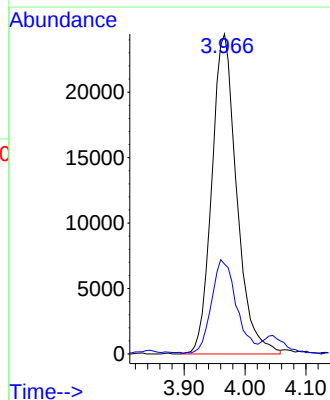
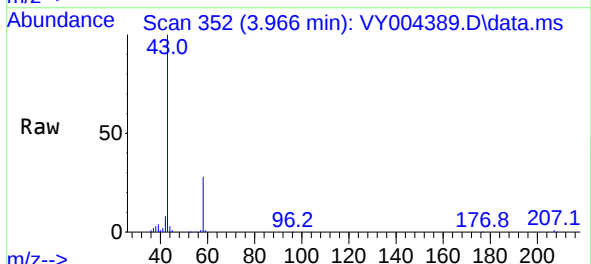
Instrument :
MSVOA_Y
ClientSampled :
SB-5A

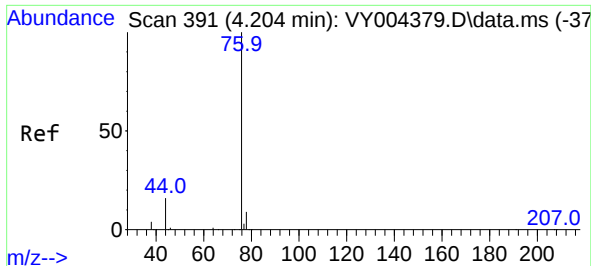
Tgt Ion:168 Resp: 179756
Ion Ratio Lower Upper
168 100
99 54.9 45.5 68.3



#16
Acetone
Concen: 156.40 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Tgt Ion: 43 Resp: 69352
Ion Ratio Lower Upper
43 100
58 27.6 24.6 37.0

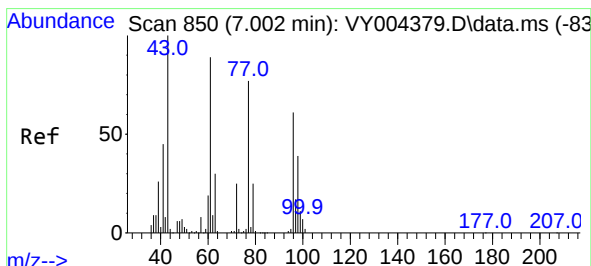
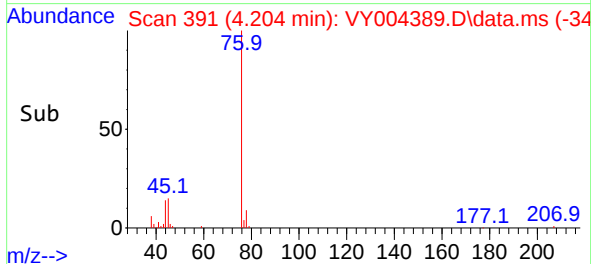
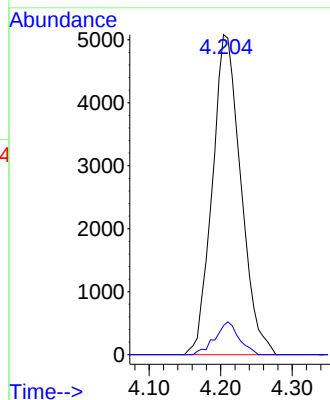
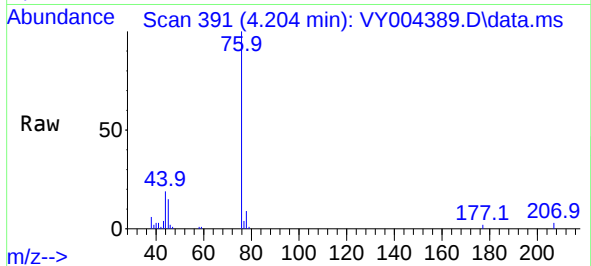




#17
Carbon Disulfide
Concen: 2.62 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

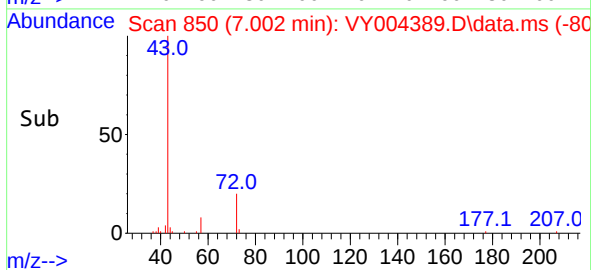
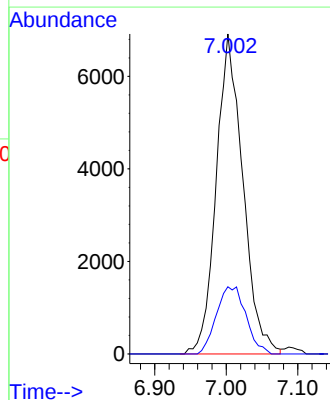
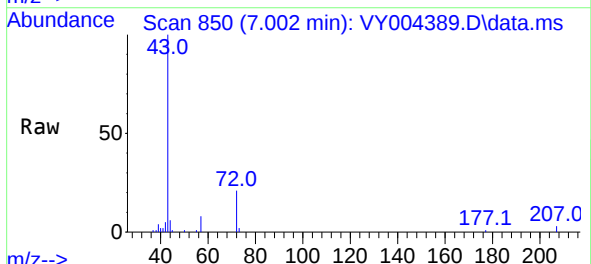
Instrument :
MSVOA_Y
ClientSampleId :
SB-5A

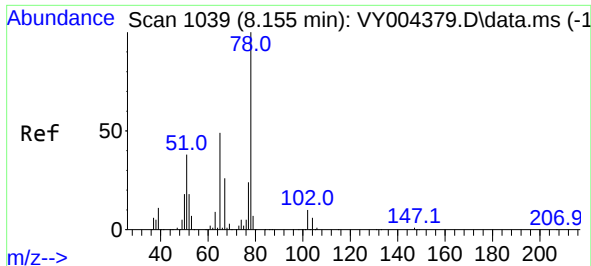
Tgt Ion: 76 Resp: 14093
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#25
2-Butanone
Concen: 23.50 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Tgt Ion: 43 Resp: 17877
Ion Ratio Lower Upper
43 100
72 21.0 20.2 30.2

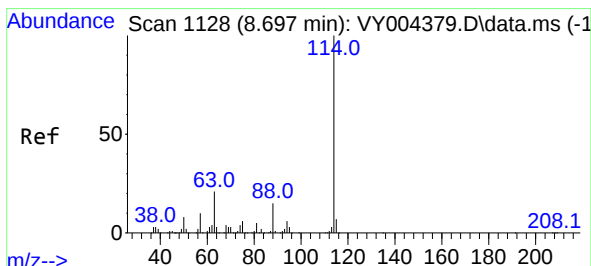
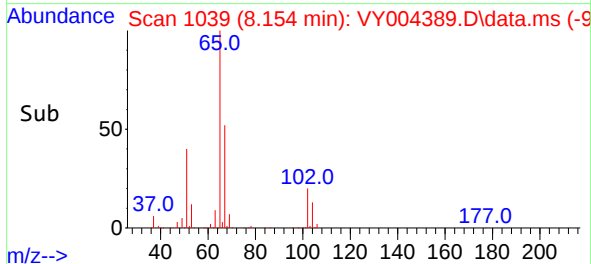
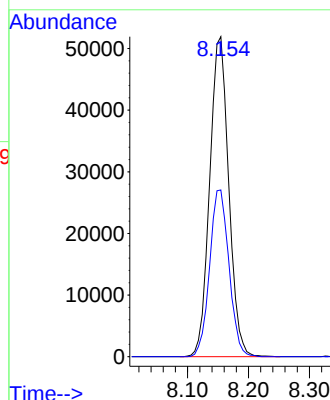
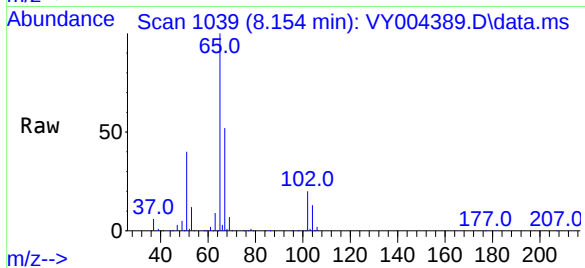




#33
1,2-Dichloroethane-d4
Concen: 56.37 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

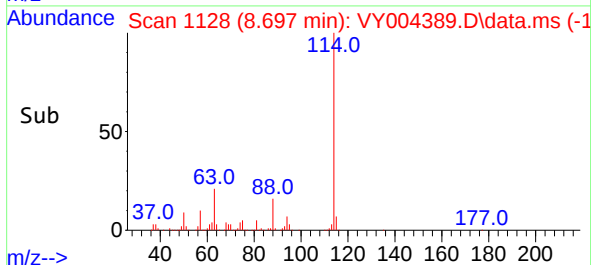
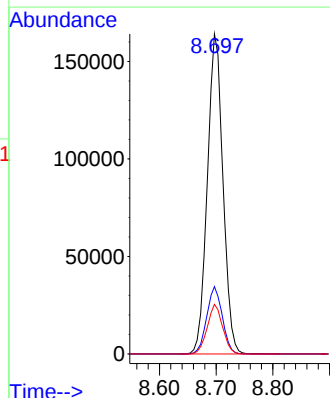
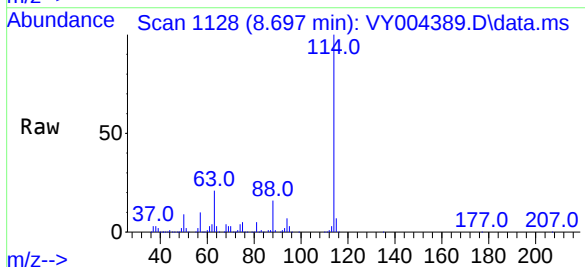
Instrument :
MSVOA_Y
ClientSampled :
SB-5A

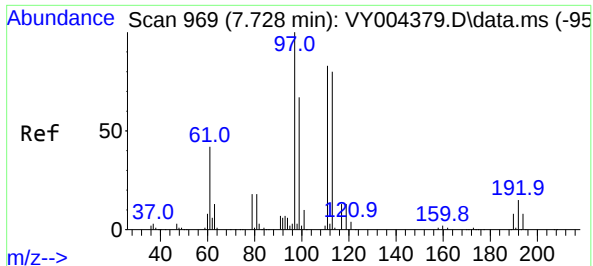
Tgt Ion: 65 Resp: 112582
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Tgt Ion: 114 Resp: 313855
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.5 0.0 30.8

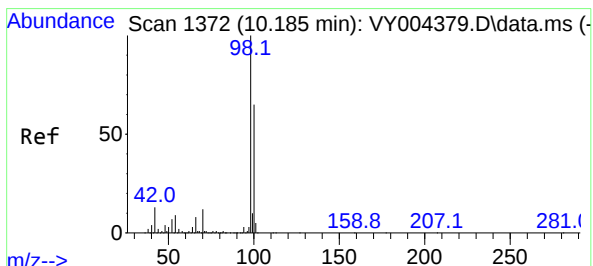
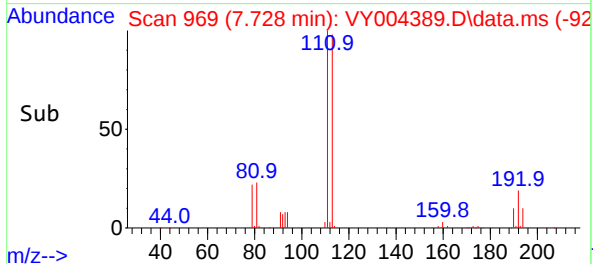
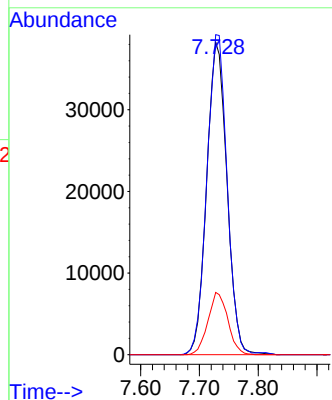
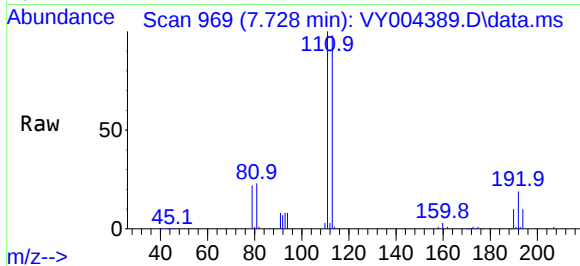




#35
Dibromofluoromethane
Concen: 52.61 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

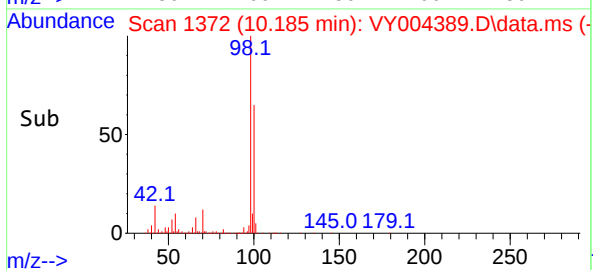
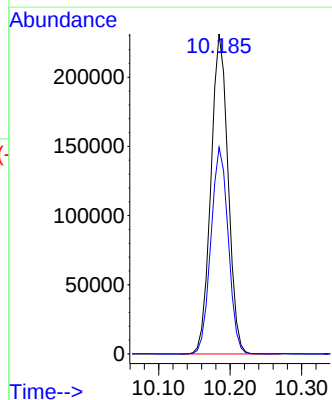
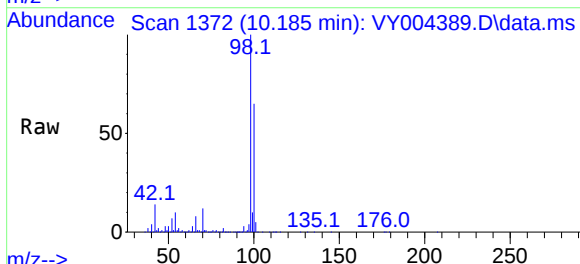
Instrument :
MSVOA_Y
ClientSampleId :
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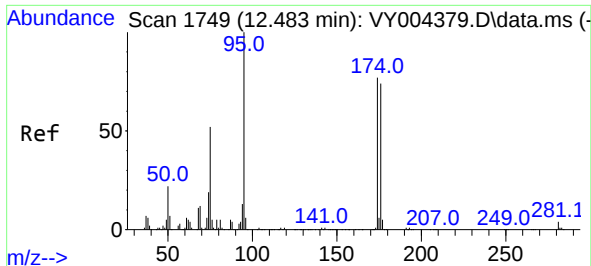
Tgt Ion:	113	Resp:	91636
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	19.5	16.1	24.1



#50
Toluene-d8
Concen: 52.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Tgt Ion:	98	Resp:	385344
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.8	77.6



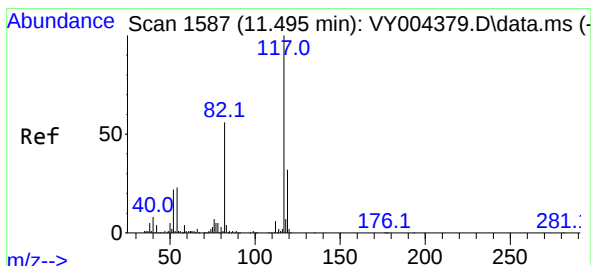
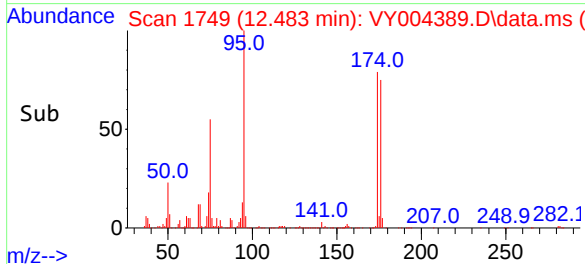
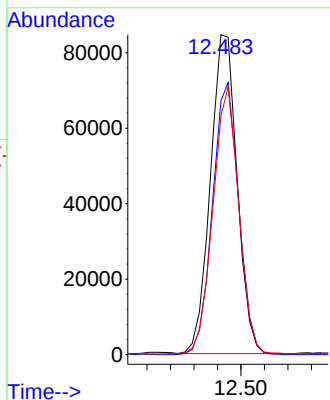
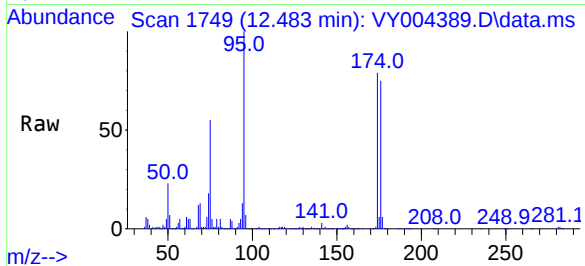


#62
4-Bromofluorobenzene
Concen: 53.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Instrument :
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ClientSampleId :
SB-5A

Tgt Ion: 95 Resp: 133296

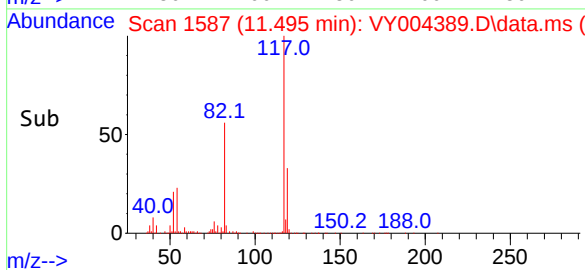
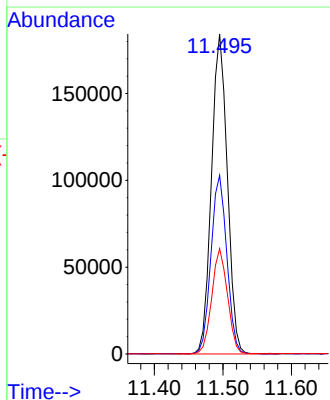
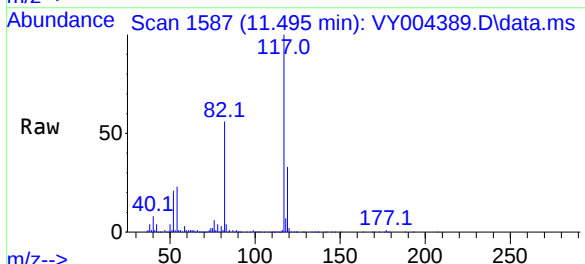
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	162.4
176	81.1	0.0	156.0

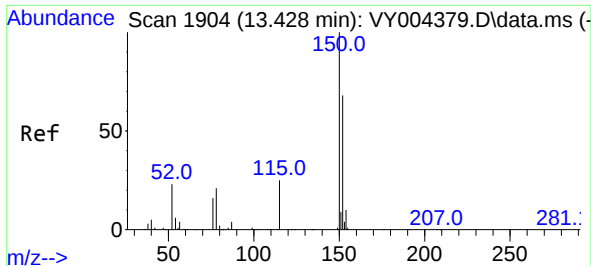


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Tgt Ion: 117 Resp: 296034

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.9	67.3
119	32.8	25.4	38.0

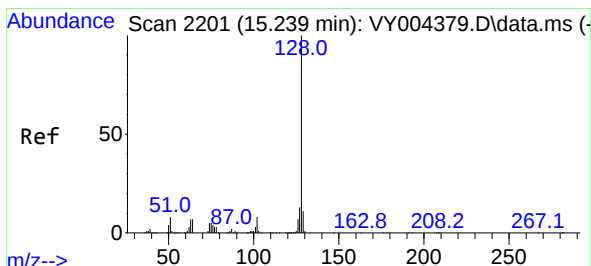
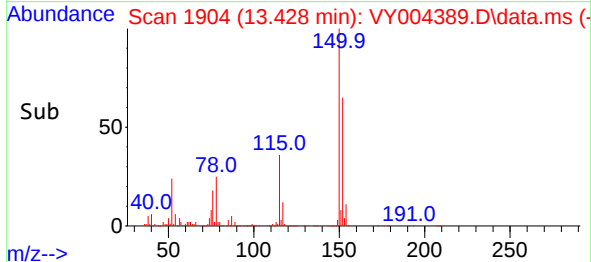
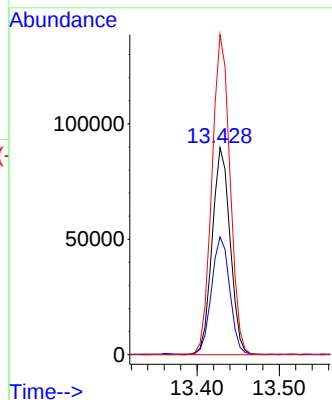
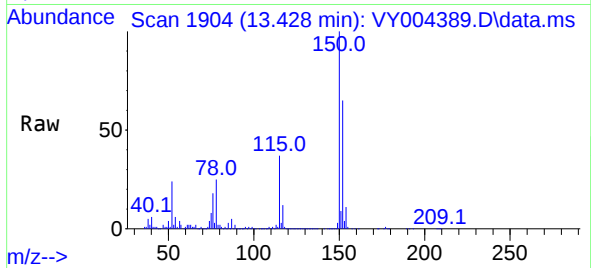




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Instrument :
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ClientSampleId :
SB-5A

Tgt Ion:152 Resp: 136277
Ion Ratio Lower Upper
152 100
115 57.3 29.6 88.8
150 155.8 0.0 348.4



#95
Naphthalene
Concen: 1.40 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004389.D
Acq: 12 Apr 2021 17:13

Tgt Ion:128 Resp: 7880
Ion Ratio Lower Upper
128 100
127 16.7 10.2 15.2#
129 17.3 8.8 13.2#

