

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006793.D
 Acq On : 17 Nov 2021 17:06
 Operator : SY/MD
 Sample : M4659-01
 Misc : 7.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HB-2-(6-6.5)-11-10-21

Quant Time: Nov 18 03:03:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

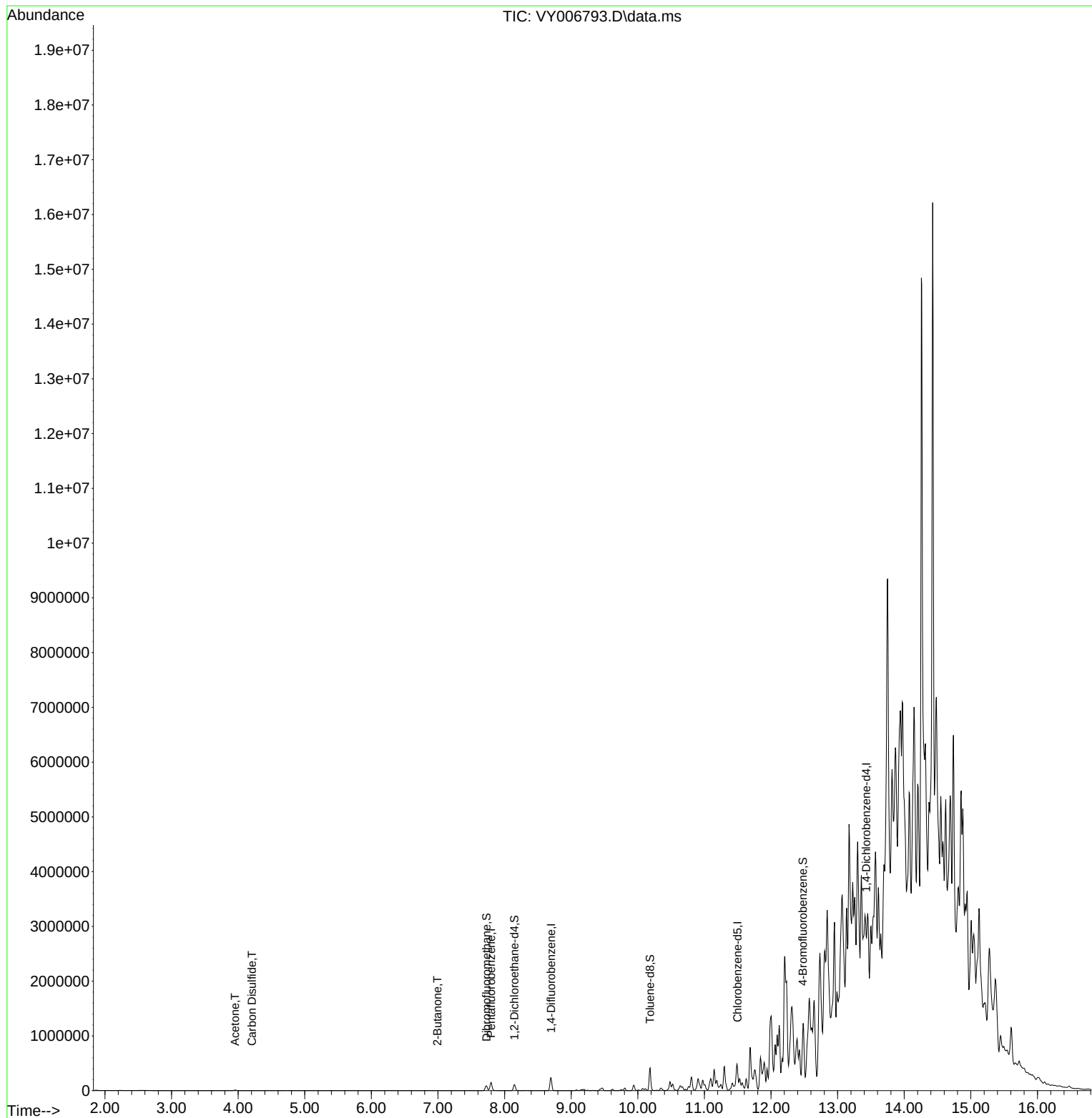
Internal Standards						
1) Pentafluorobenzene	7.795	168	109086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161889	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88391	61.825	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.640%		
35) Dibromofluoromethane	7.728	113	60298	52.082	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.160%		
50) Toluene-d8	10.185	98	247465	51.653	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.300%		
62) 4-Bromofluorobenzene	12.477	95	152479	94.406	ug/l	-0.01
Spiked Amount	50.000	Range 25 - 144	Recovery	= 188.820%#		
Target Compounds						
						Qvalue
16) Acetone	3.954	43	20405	46.975	ug/l	100
17) Carbon Disulfide	4.204	76	5508	1.477	ug/l	98
25) 2-Butanone	6.990	43	6497	21.313	ug/l	# 88

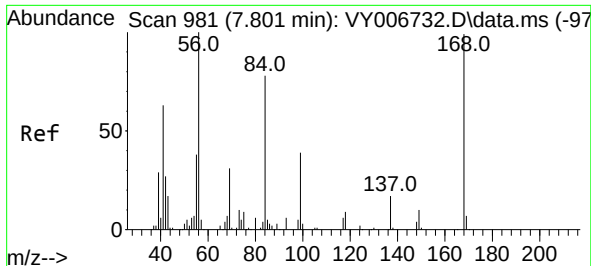
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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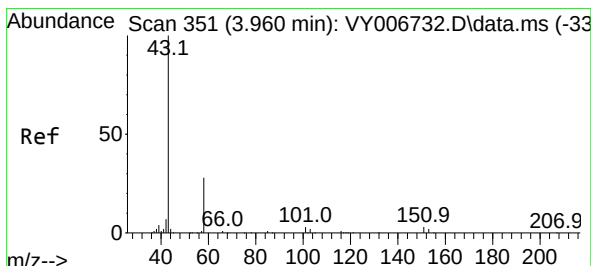
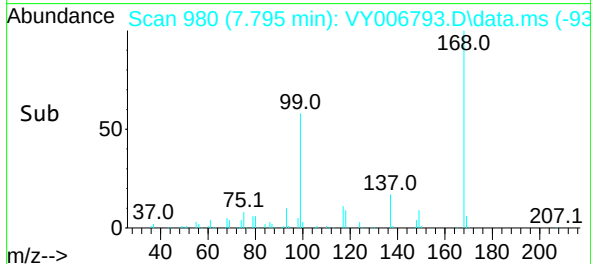
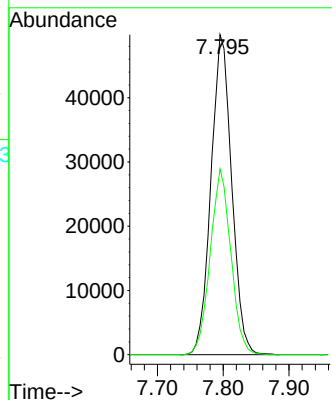
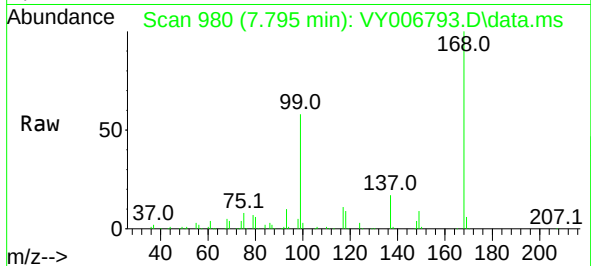




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

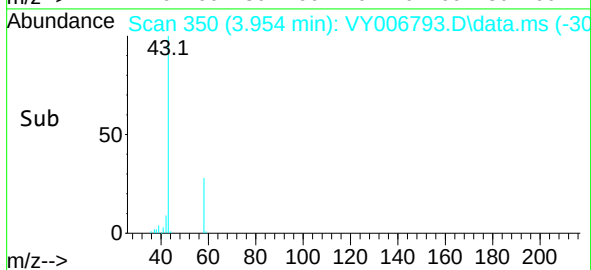
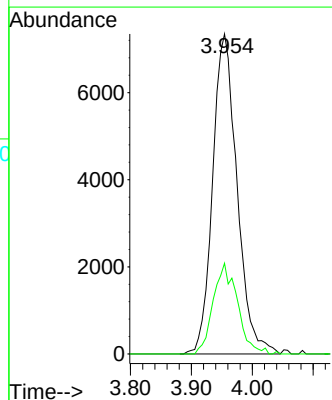
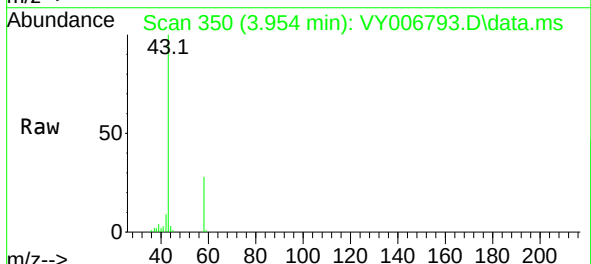
Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

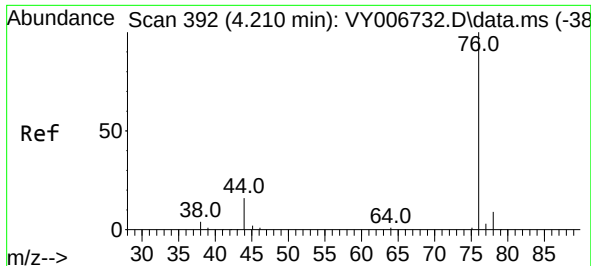
Tgt Ion:168 Resp: 109086
Ion Ratio Lower Upper
168 100
99 58.0 44.8 67.2



#16
Acetone
Concen: 46.975 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

Tgt Ion: 43 Resp: 20405
Ion Ratio Lower Upper
43 100
58 28.4 22.9 34.3

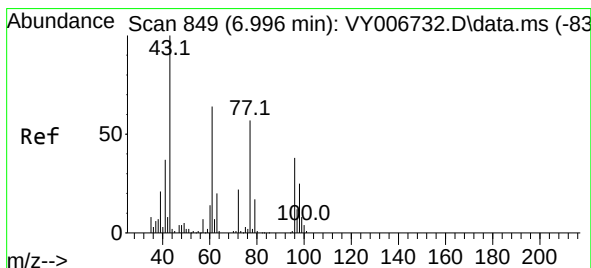
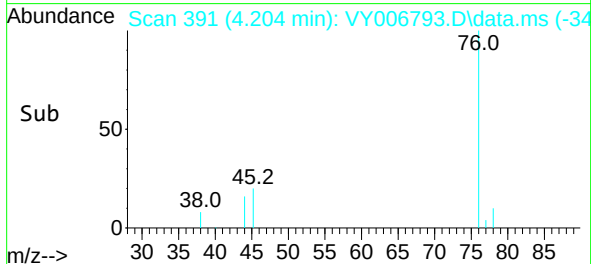
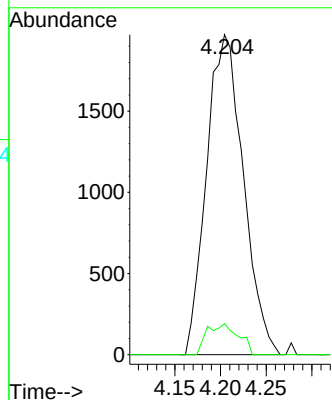
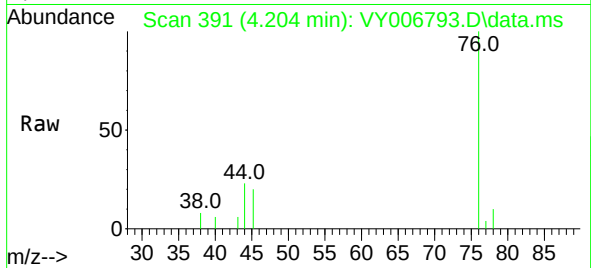




#17
Carbon Disulfide
Concen: 1.477 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

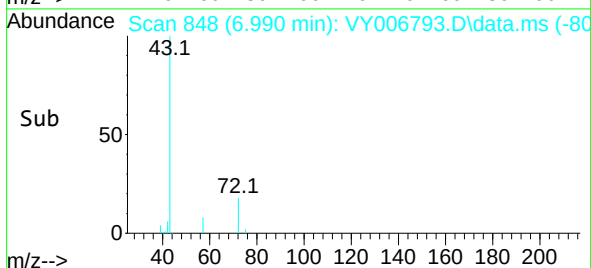
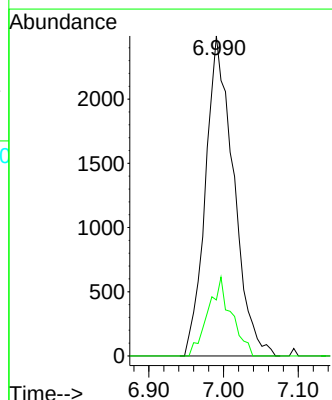
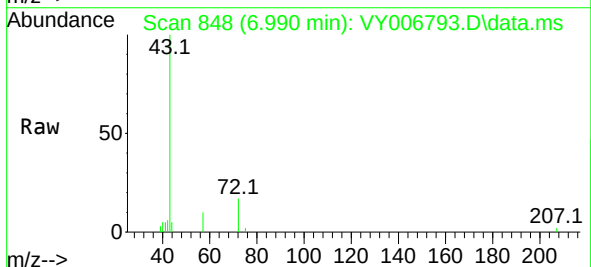
Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

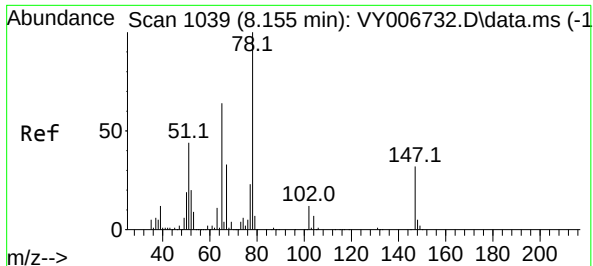
Tgt Ion: 76 Resp: 5508
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#25
2-Butanone
Concen: 21.313 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

Tgt Ion: 43 Resp: 6497
Ion Ratio Lower Upper
43 100
72 17.5 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 61.825 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006793.D

Acq: 17 Nov 2021 17:06

Instrument :

MSVOA_Y

ClientSampleId :

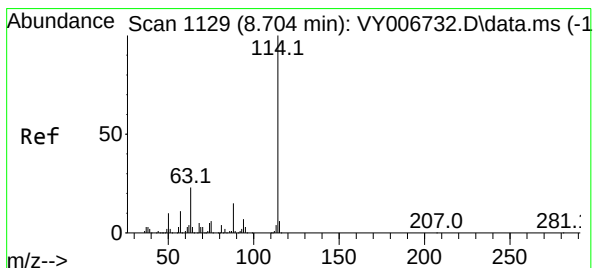
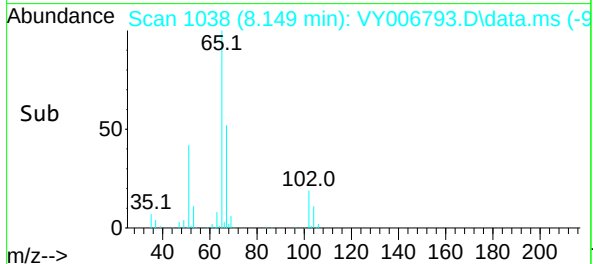
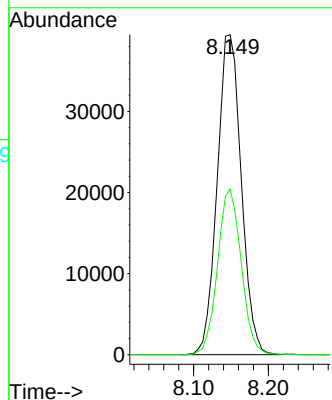
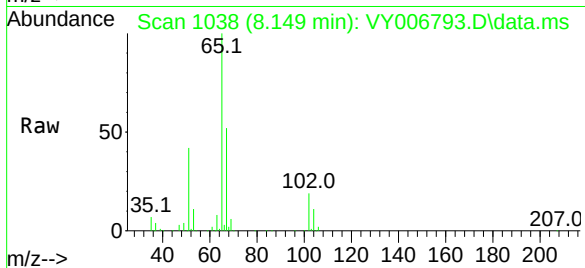
HB-2-(6-6.5)-11-10-21

Tgt Ion: 65 Resp: 88391

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006793.D

Acq: 17 Nov 2021 17:06

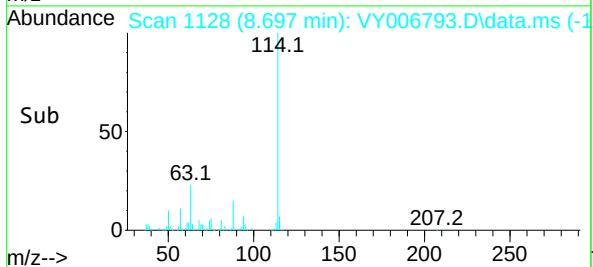
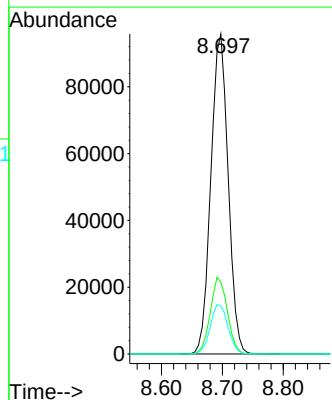
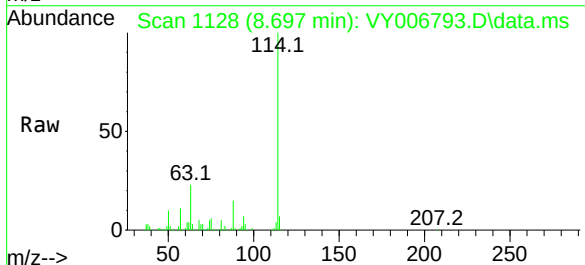
Tgt Ion: 114 Resp: 188486

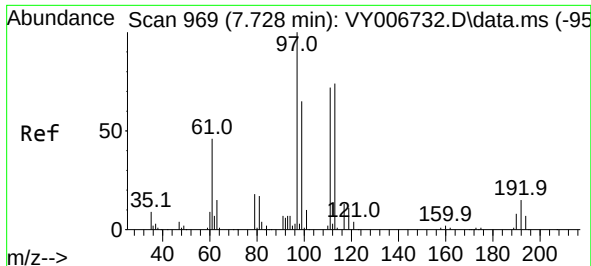
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.0 0.0 30.6

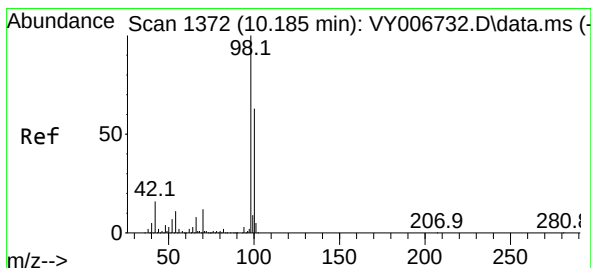
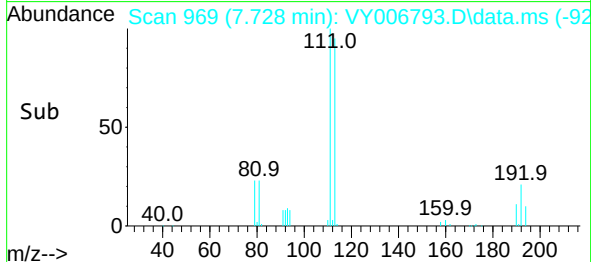
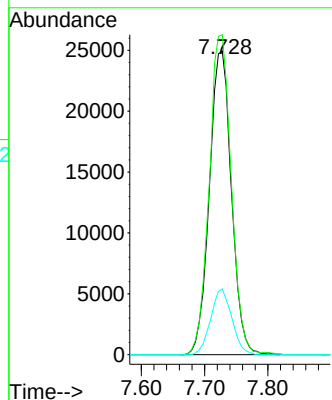
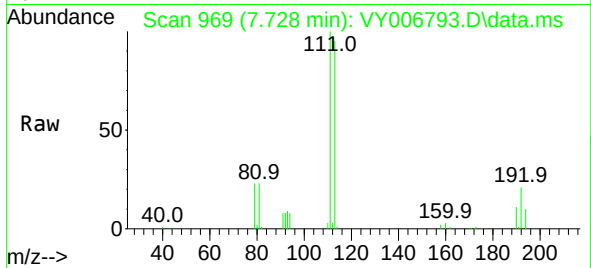




#35
Dibromofluoromethane
Concen: 52.082 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

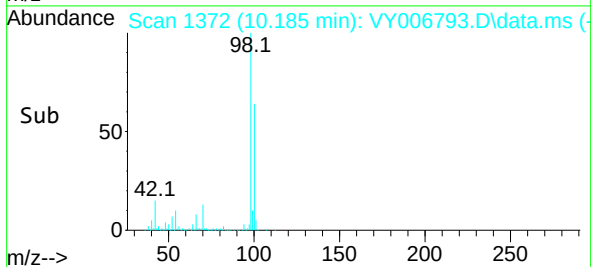
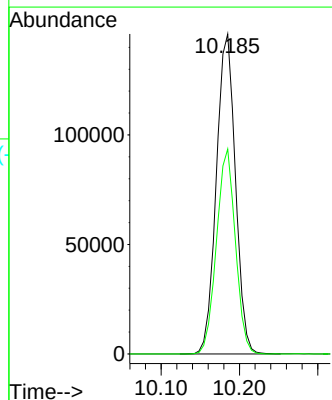
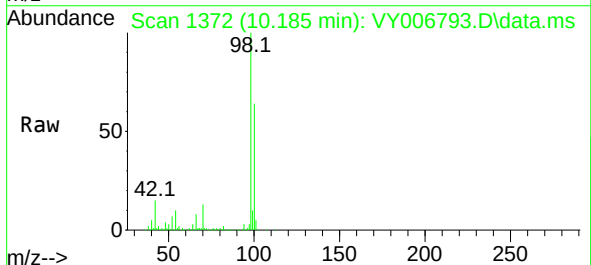
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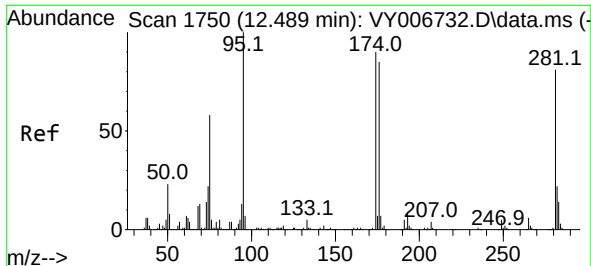
Tgt Ion:113 Resp: 60298
Ion Ratio Lower Upper
113 100
111 105.7 82.3 123.5
192 20.7 17.4 26.2



#50
Toluene-d8
Concen: 51.653 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

Tgt Ion: 98 Resp: 247465
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

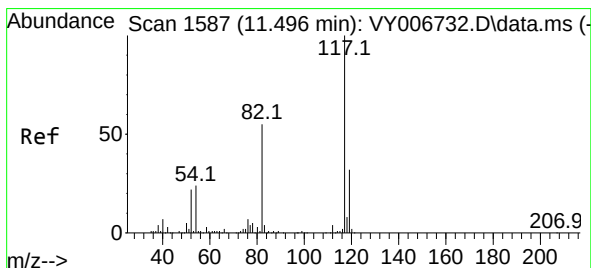
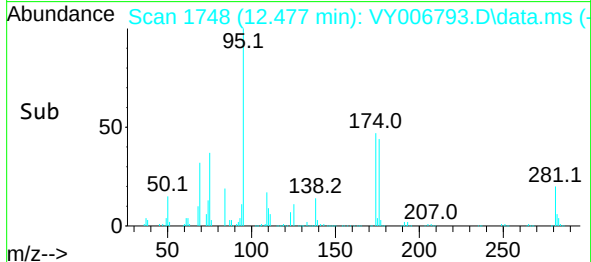
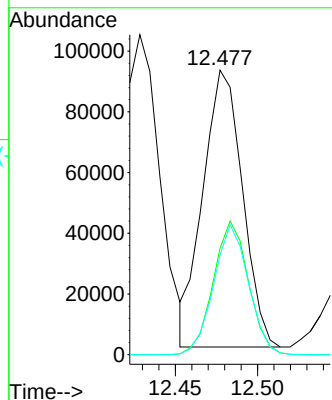
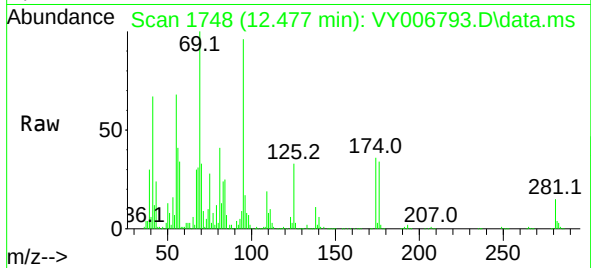




#62
4-Bromofluorobenzene
Concen: 94.406 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

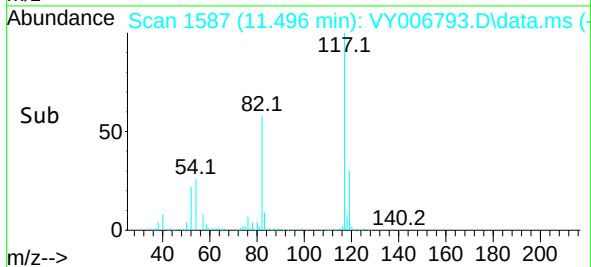
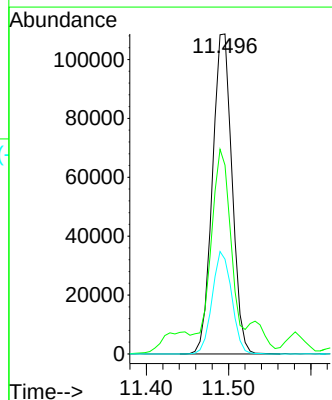
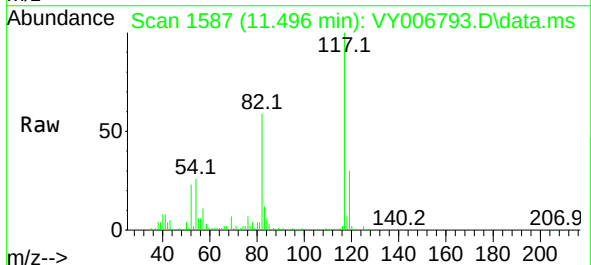
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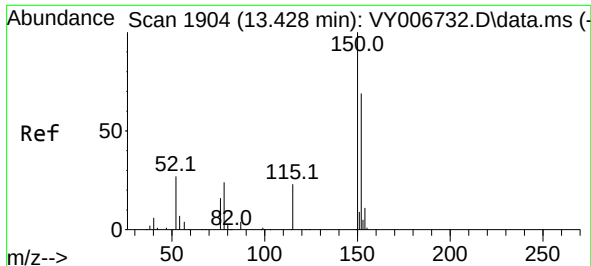
Tgt Ion: 95 Resp: 152479
Ion Ratio Lower Upper
95 100
174 42.9 0.0 177.0
176 41.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006793.D
Acq: 17 Nov 2021 17:06

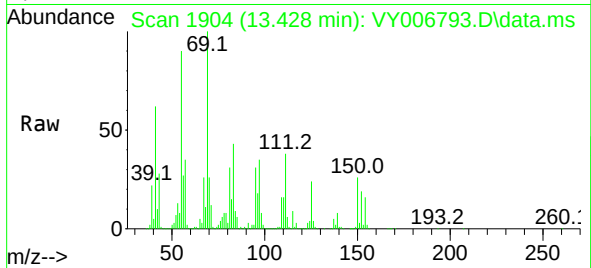
Tgt Ion: 117 Resp: 179942
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 29.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006793.D
 Acq: 17 Nov 2021 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 HB-2-(6-6.5)-11-10-21



Tgt Ion:152 Resp: 161889
 Ion Ratio Lower Upper
 152 100
 115 25.3 28.5 85.5#
 150 69.9 0.0 348.2

