

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006792.D
 Acq On : 17 Nov 2021 16:42
 Operator : SY/MD
 Sample : M4659-02
 Misc : 9.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HB-1-(7.5-8)-11-11-21

Quant Time: Nov 18 03:02:53 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)

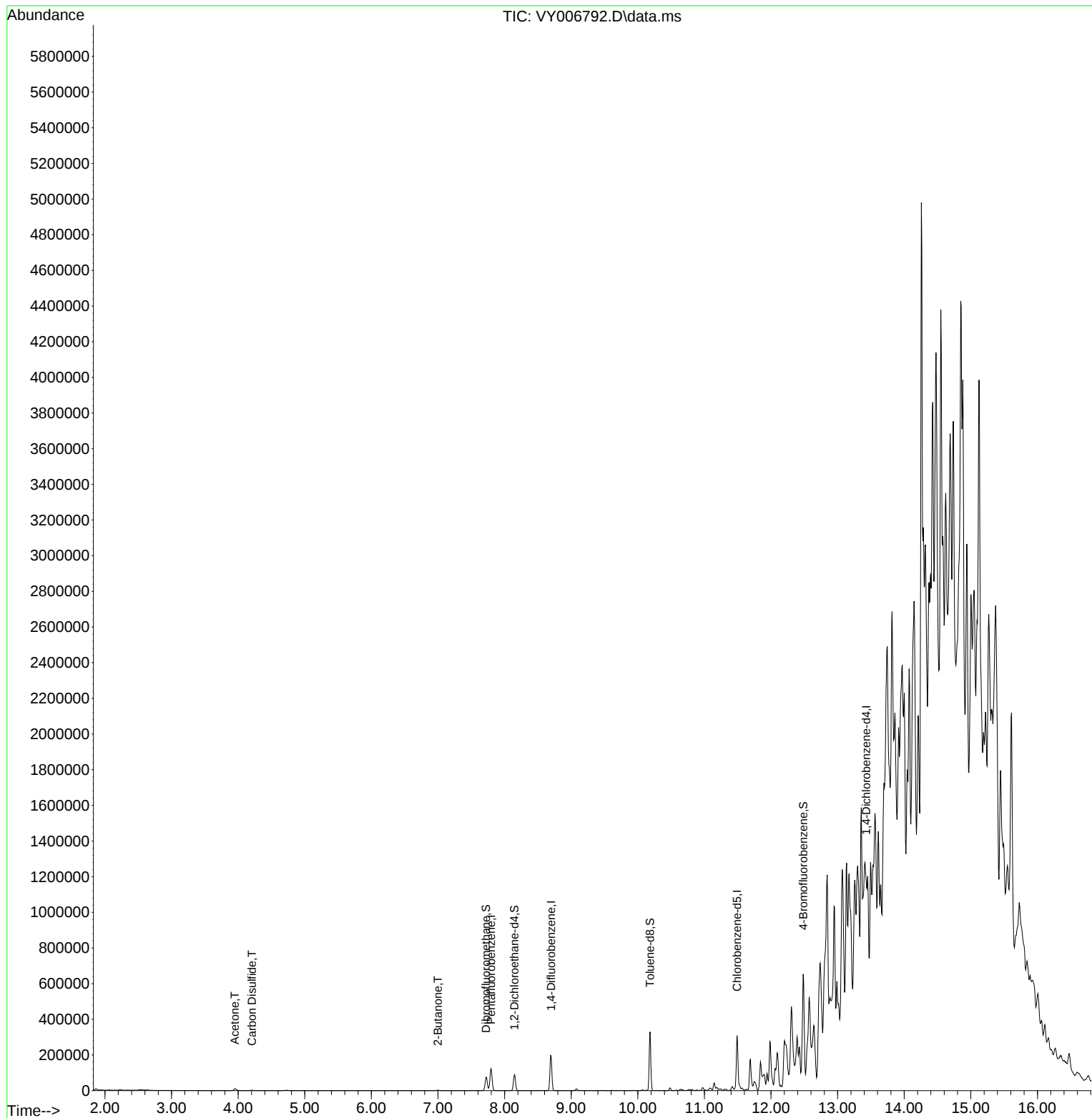
Internal Standards						
1) Pentafluorobenzene	7.795	168	92944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	159129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	150445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73681	60.486	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.980%		
35) Dibromofluoromethane	7.722	113	50139	51.297	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.600%		
50) Toluene-d8	10.185	98	199862	49.413	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 98.820%		
62) 4-Bromofluorobenzene	12.483	95	86687	63.573	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 127.140%		
Target Compounds						
						Qvalue
16) Acetone	3.948	43	19093	51.588	ug/l	99
17) Carbon Disulfide	4.204	76	4730	1.489	ug/l	98
25) 2-Butanone	6.996	43	4969	20.309	ug/l	95

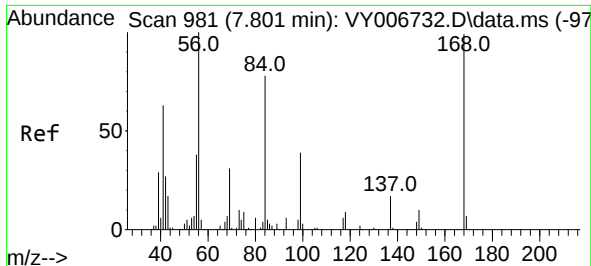
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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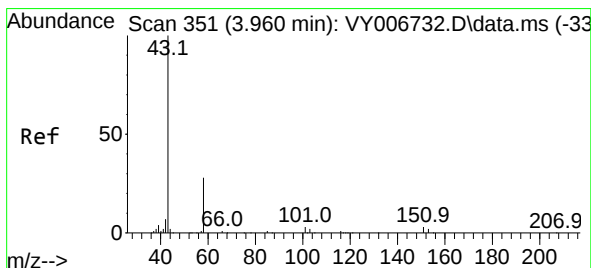
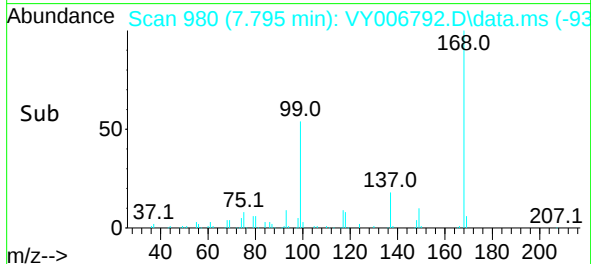
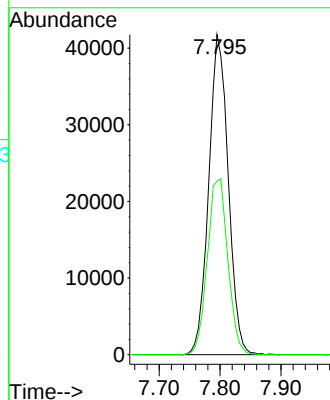
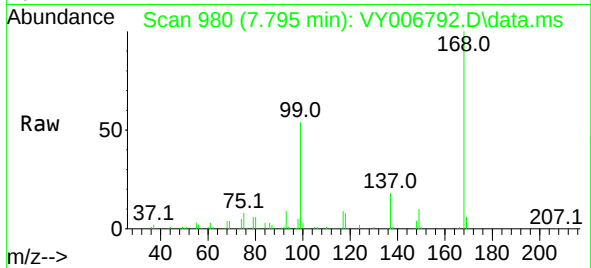




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

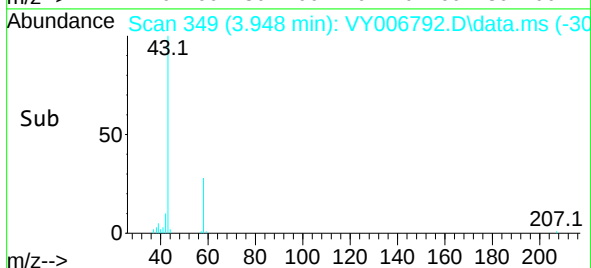
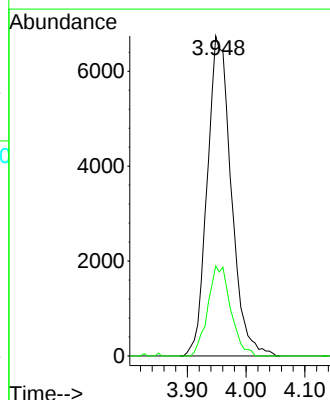
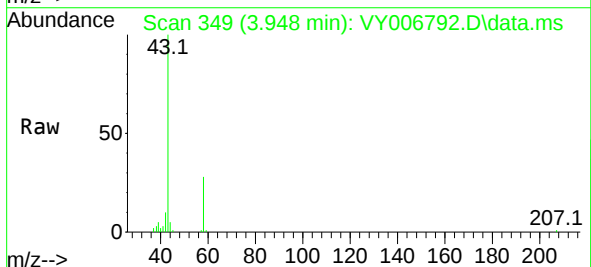
Instrument :
MSVOA_Y
ClientSampleId :
HB-1-(7.5-8)-11-11-21

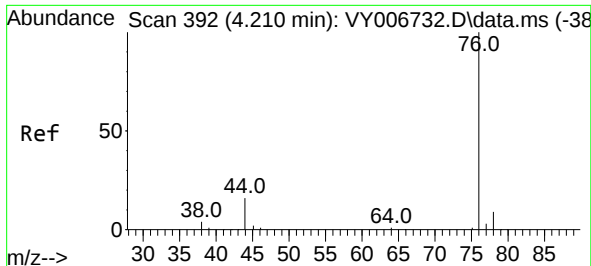
Tgt Ion:168 Resp: 92944
Ion Ratio Lower Upper
168 100
99 54.2 44.8 67.2



#16
Acetone
Concen: 51.588 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

Tgt Ion: 43 Resp: 19093
Ion Ratio Lower Upper
43 100
58 28.2 22.9 34.3

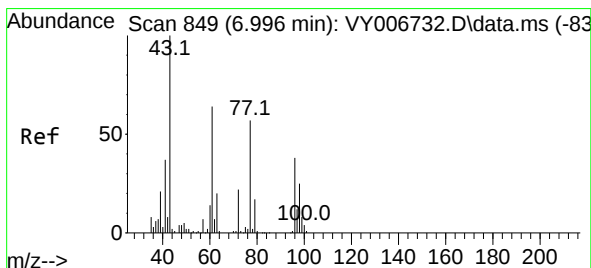
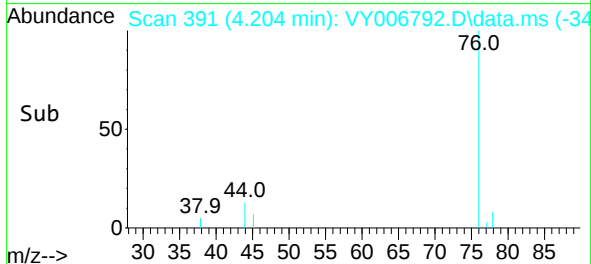
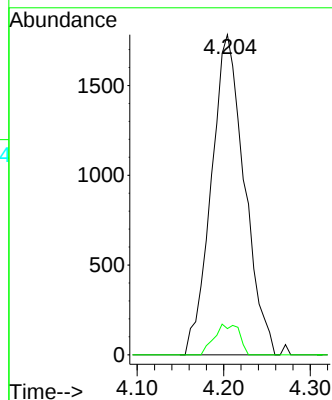
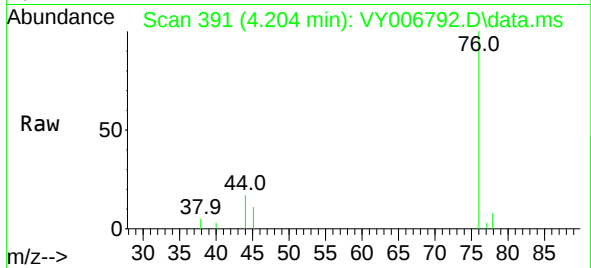




#17
Carbon Disulfide
Concen: 1.489 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

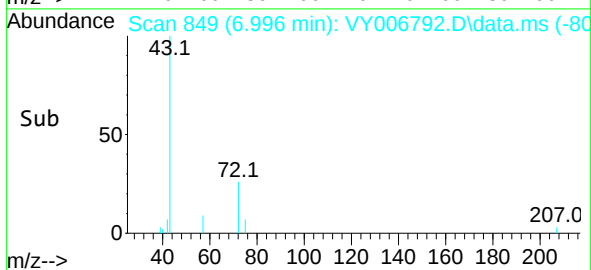
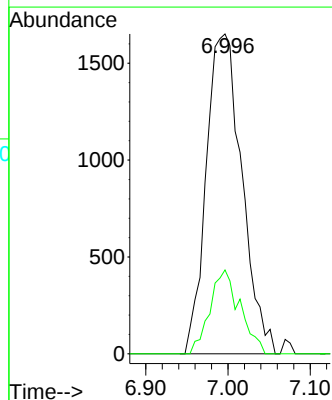
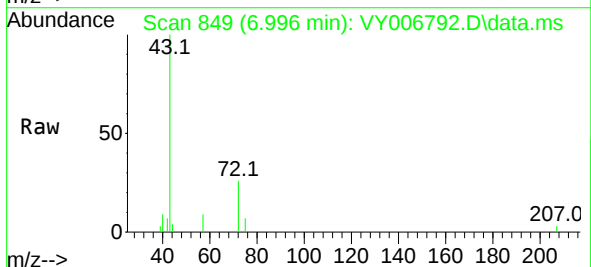
Instrument :
MSVOA_Y
ClientSampleId :
HB-1-(7.5-8)-11-11-21

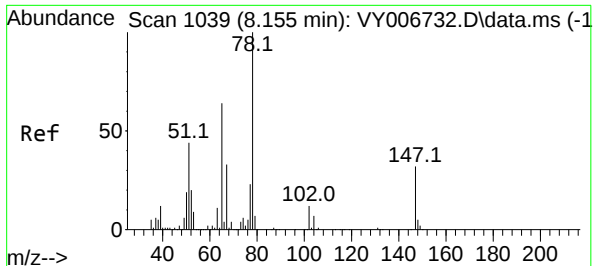
Tgt Ion: 76 Resp: 4730
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7



#25
2-Butanone
Concen: 20.309 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

Tgt Ion: 43 Resp: 4969
Ion Ratio Lower Upper
43 100
72 26.2 18.9 28.3





#33

1,2-Dichloroethane-d4

Concen: 60.486 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006792.D

Acq: 17 Nov 2021 16:42

Instrument :

MSVOA_Y

ClientSampleId :

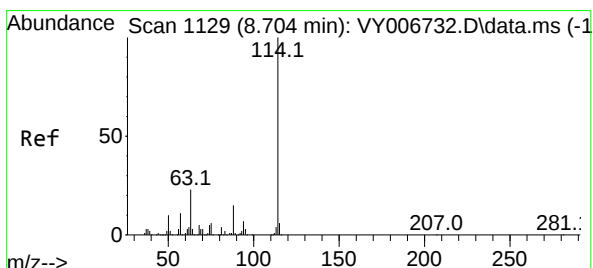
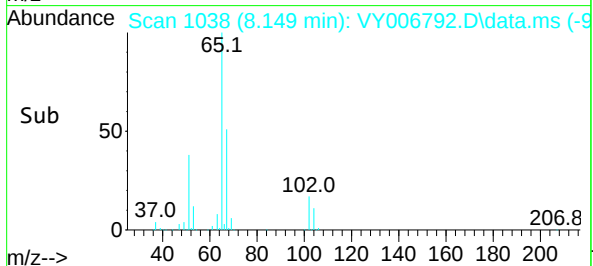
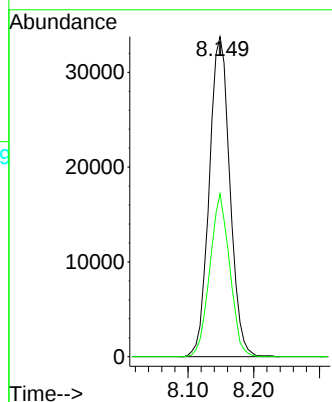
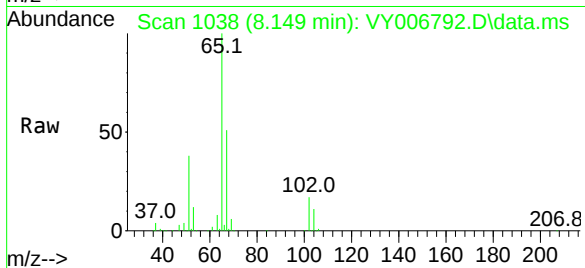
HB-1-(7.5-8)-11-11-21

Tgt Ion: 65 Resp: 73681

Ion Ratio Lower Upper

65 100

67 49.0 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: VY006792.D

Acq: 17 Nov 2021 16:42

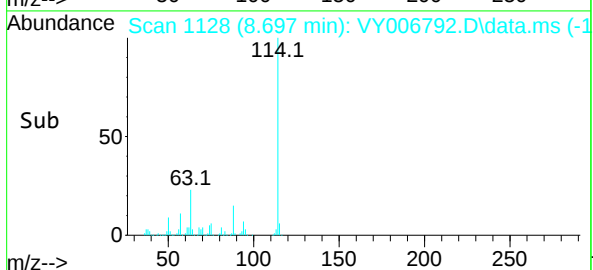
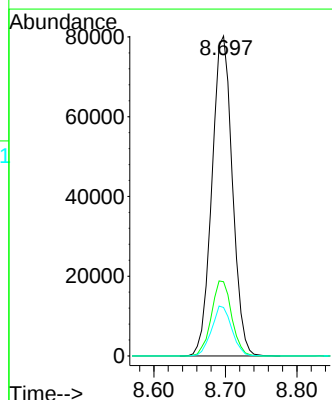
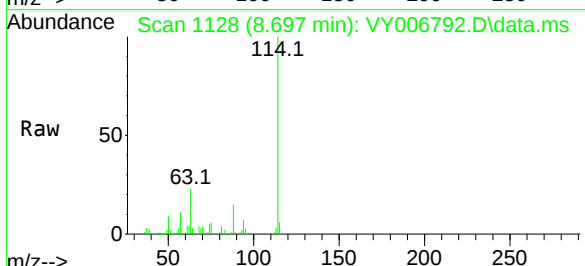
Tgt Ion: 114 Resp: 159129

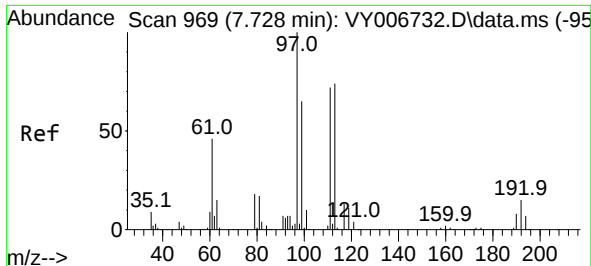
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.1 0.0 30.6

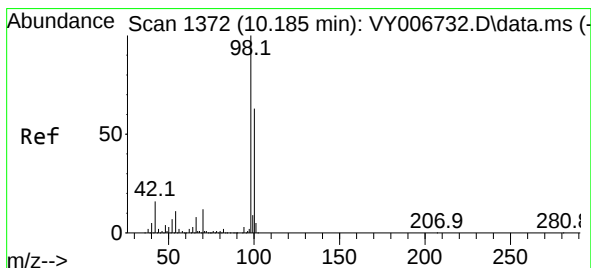
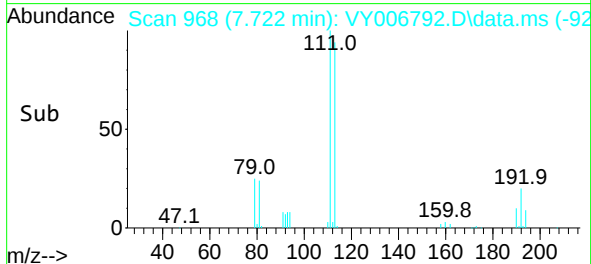
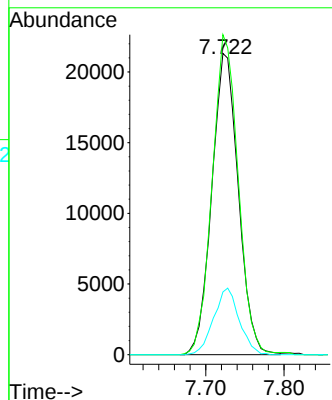
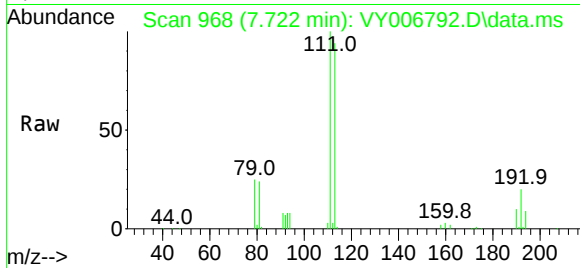




#35
Dibromofluoromethane
Concen: 51.297 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

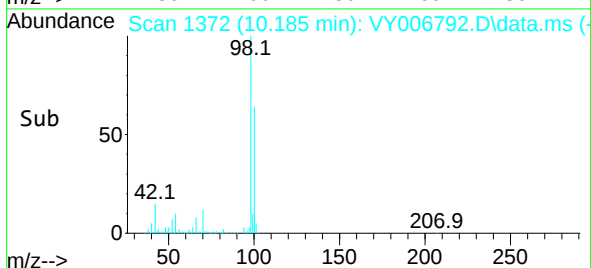
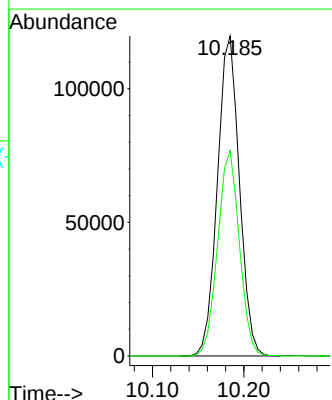
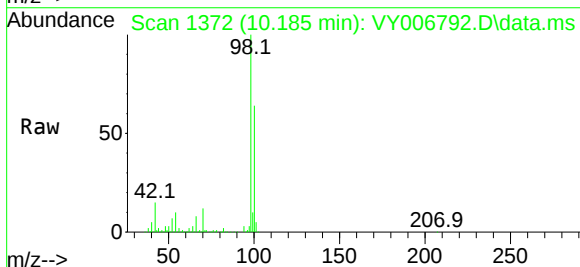
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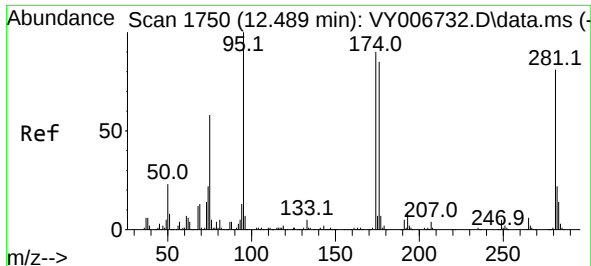
Tgt Ion:113 Resp: 50139
Ion Ratio Lower Upper
113 100
111 104.2 82.3 123.5
192 21.3 17.4 26.2



#50
Toluene-d8
Concen: 49.413 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

Tgt Ion: 98 Resp: 199862
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

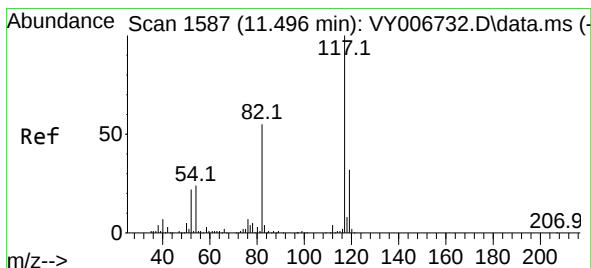
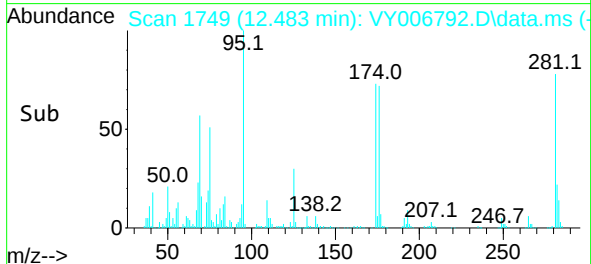
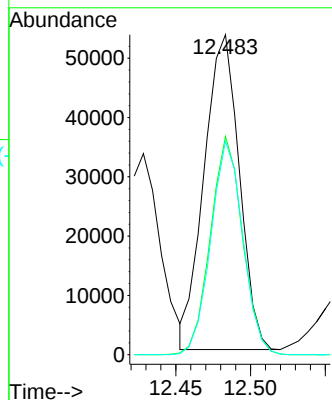
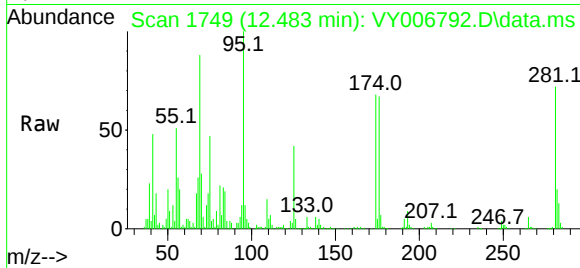




#62
4-Bromofluorobenzene
Concen: 63.573 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

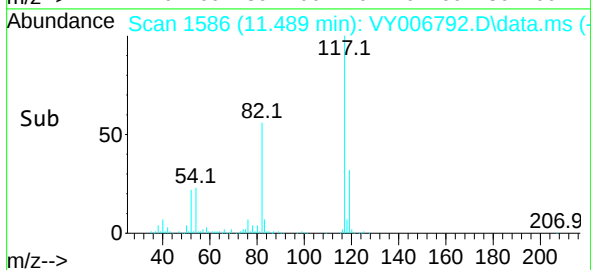
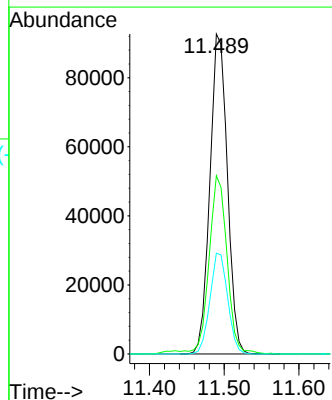
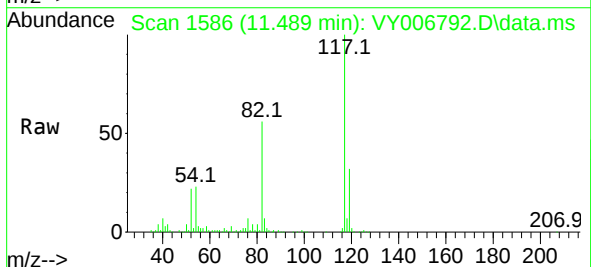
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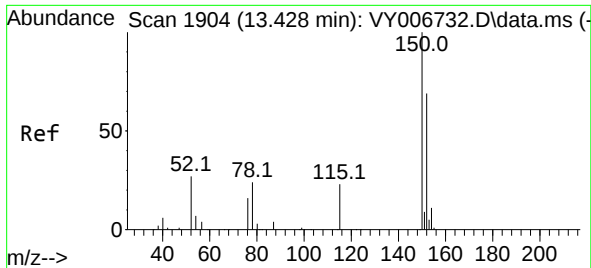
Tgt Ion: 95 Resp: 86687
Ion Ratio Lower Upper
95 100
174 63.1 0.0 177.0
176 61.7 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006792.D
Acq: 17 Nov 2021 16:42

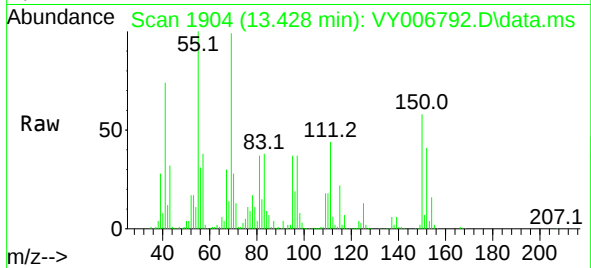
Tgt Ion: 117 Resp: 150445
Ion Ratio Lower Upper
117 100
82 55.7 45.7 68.5
119 31.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006792.D
 Acq: 17 Nov 2021 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 HB-1-(7.5-8)-11-11-21



Tgt Ion:	152	Resp:	93355
Ion Ratio	Lower	Upper	
152	100		
115	36.6	28.5	85.5
150	96.4	0.0	348.2

