

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009325.D
 Acq On : 25 Jun 2022 15:45
 Operator : KP/MD
 Sample : N3488-05
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-6-8-20220623

Quant Time: Jun 27 10:29:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

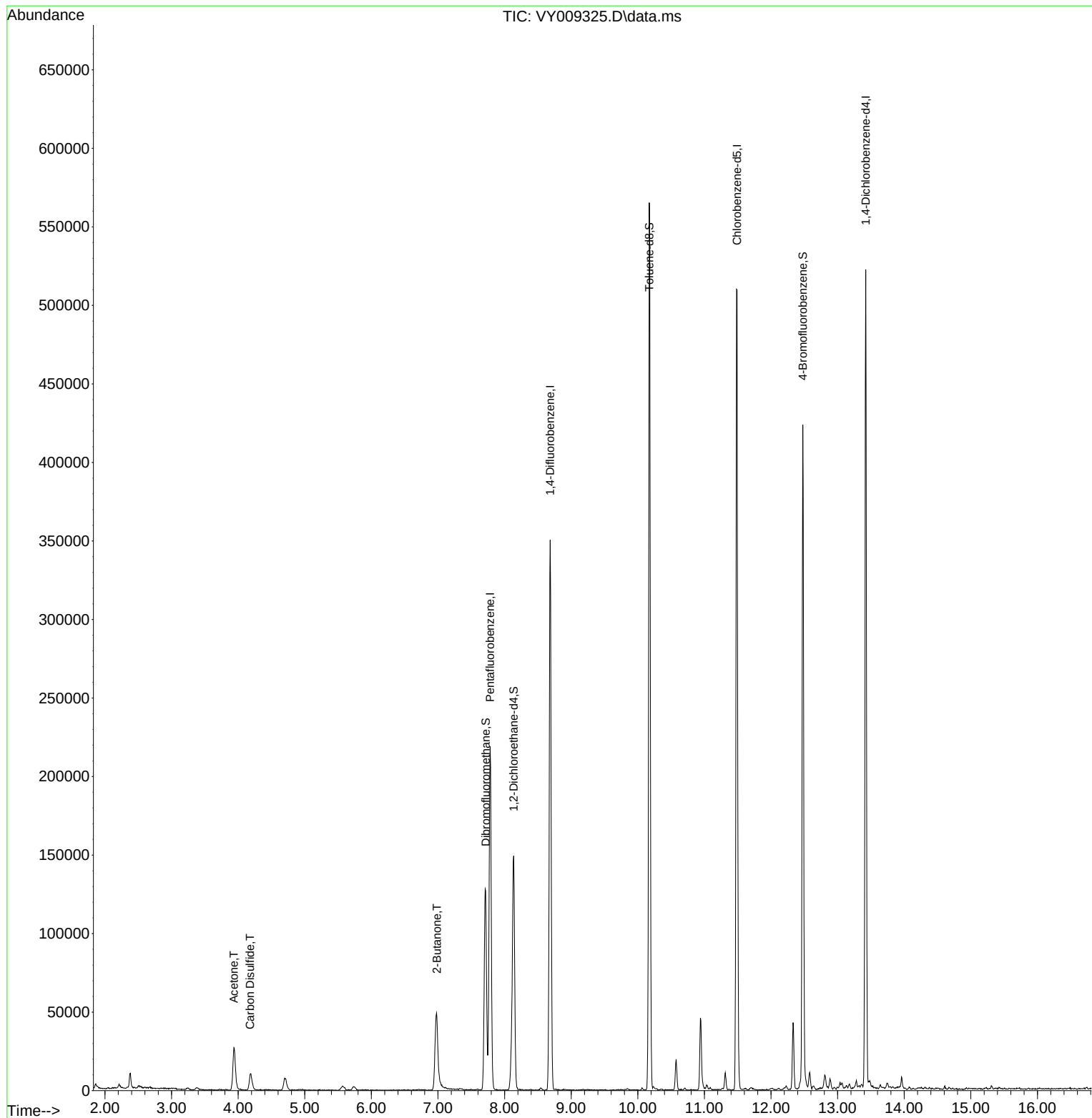
Internal Standards						
1) Pentafluorobenzene	7.783	168	169572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103019	83.772	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 167.540%#		
35) Dibromofluoromethane	7.716	113	92160	57.588	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 115.180%		
50) Toluene-d8	10.173	98	354295	79.823	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 159.640%#		
62) 4-Bromofluorobenzene	12.477	95	120598	52.912	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 105.820%		
Target Compounds						
						Qvalue
16) Acetone	3.936	43	46848	108.064	ug/l	98
17) Carbon Disulfide	4.180	76	15356	2.982	ug/l	96
25) 2-Butanone	6.984	43	17209	26.397	ug/l #	84

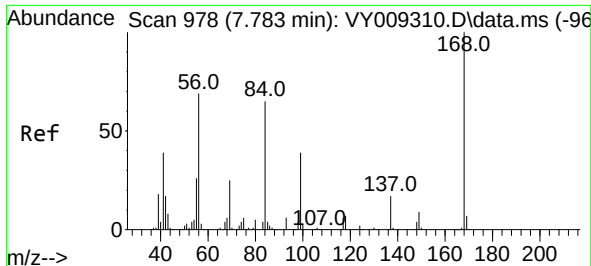
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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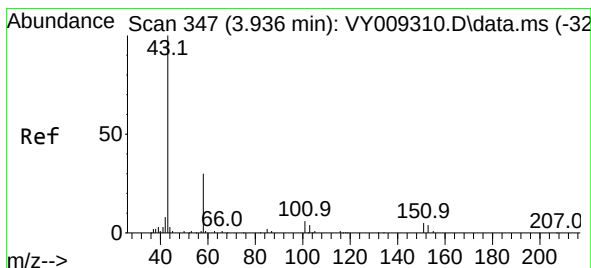
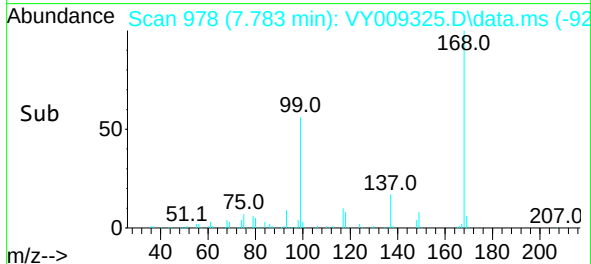
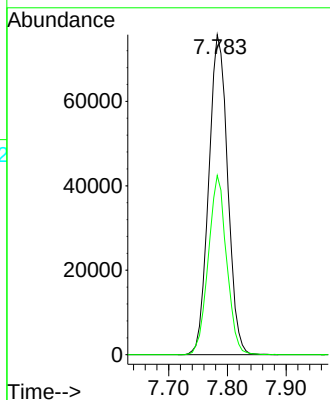
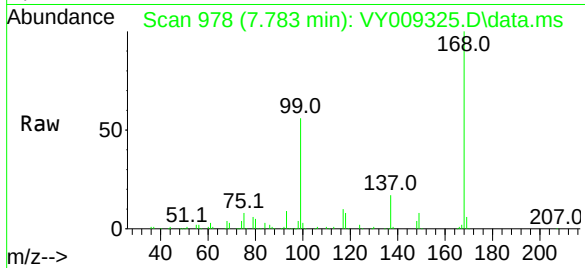




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

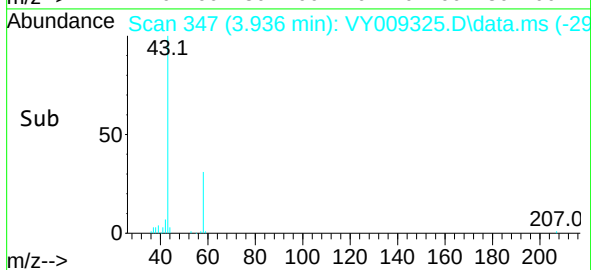
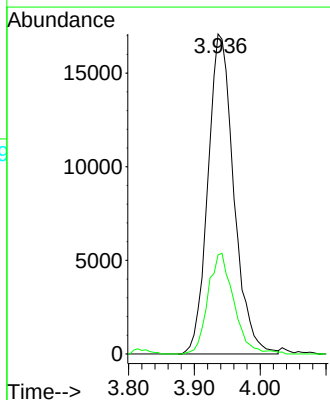
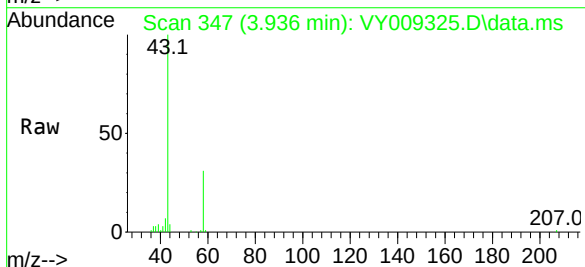
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

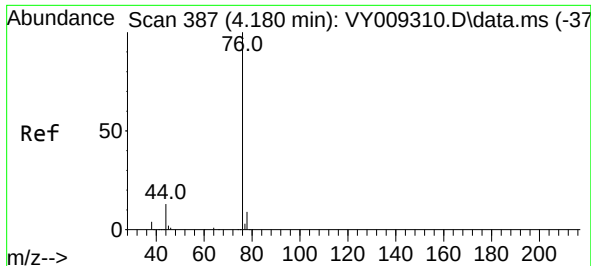
Tgt Ion:168 Resp: 169572
Ion Ratio Lower Upper
168 100
99 56.0 42.1 63.1



#16
Acetone
Concen: 108.064 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 43 Resp: 46848
Ion Ratio Lower Upper
43 100
58 30.9 24.0 36.0

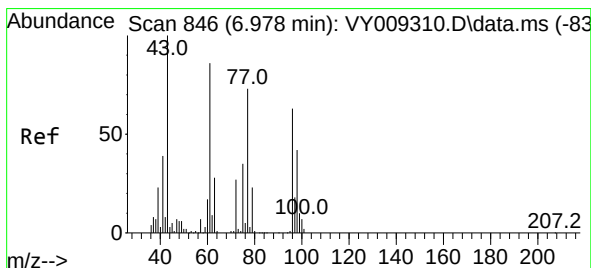
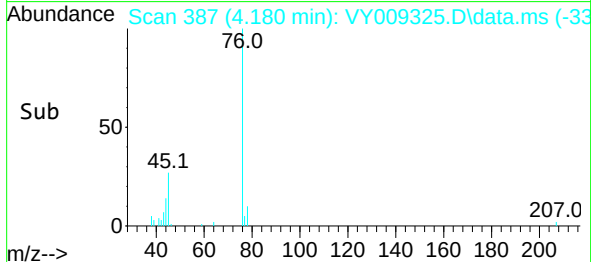
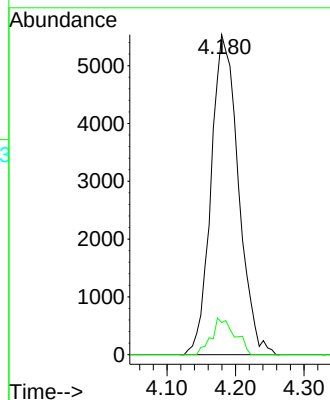
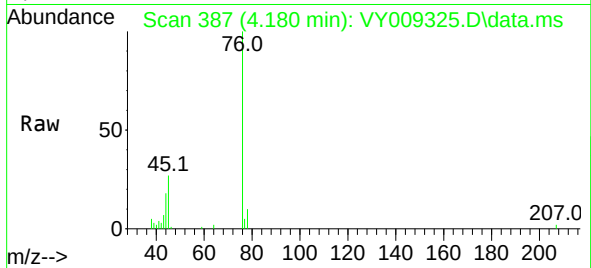




#17
Carbon Disulfide
Concen: 2.982 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

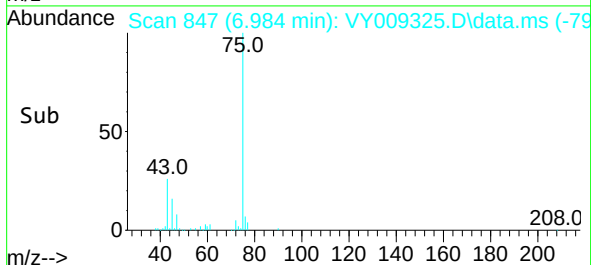
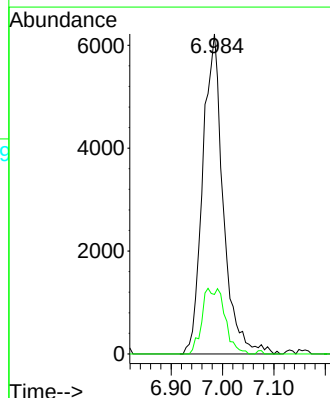
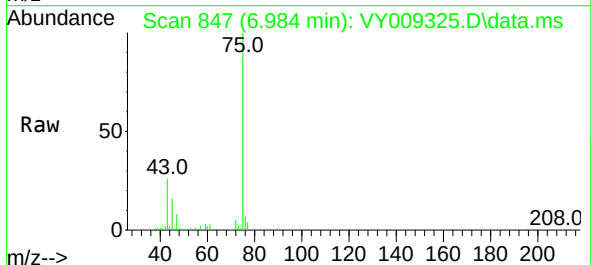
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

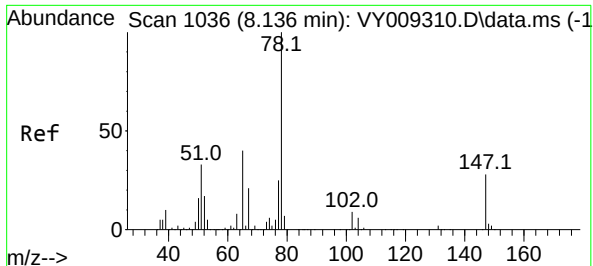
Tgt Ion: 76 Resp: 15356
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#25
2-Butanone
Concen: 26.397 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 43 Resp: 17209
Ion Ratio Lower Upper
43 100
72 18.6 21.5 32.3#

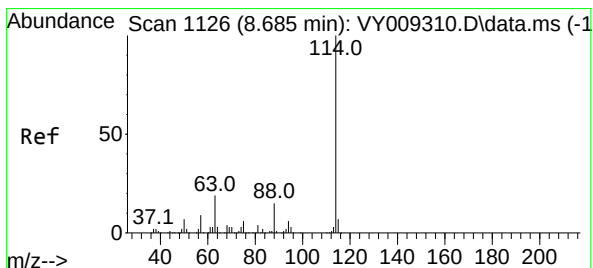
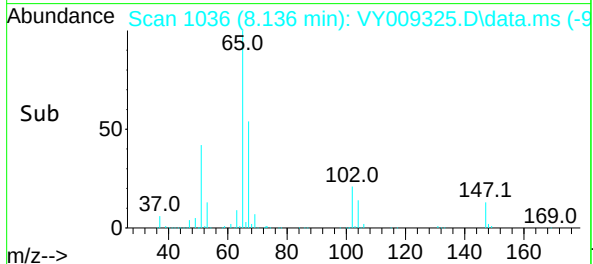
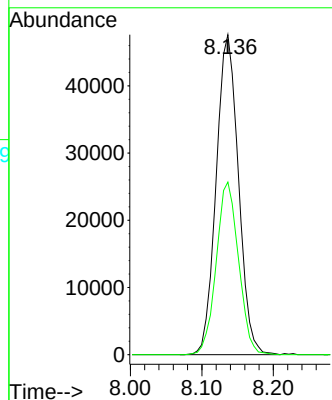
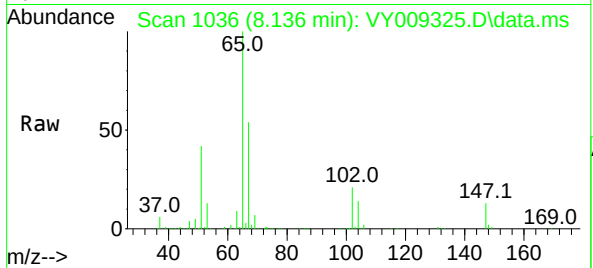




#33
1,2-Dichloroethane-d4
Concen: 83.772 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

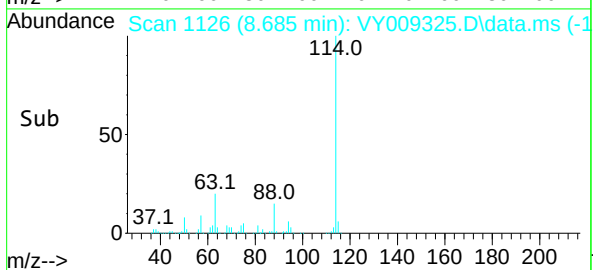
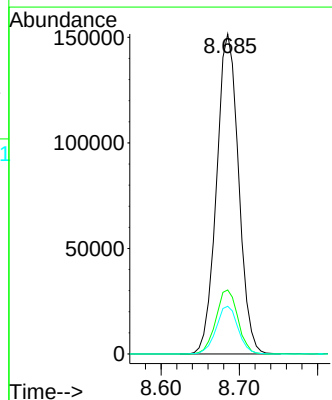
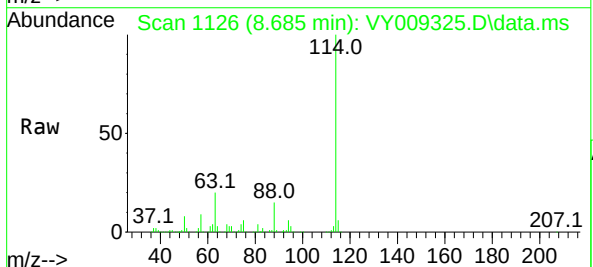
Instrument :
MSVOA_Y
ClientSampleId :
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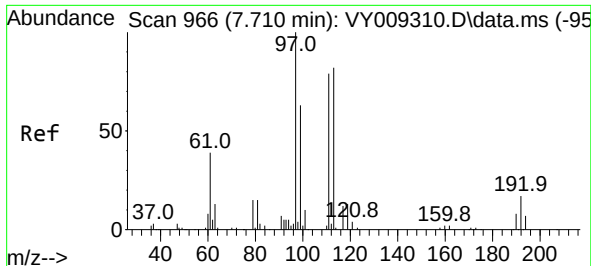
Tgt Ion: 65 Resp: 103019
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion:114 Resp: 296489
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.0
88 14.9 0.0 30.0

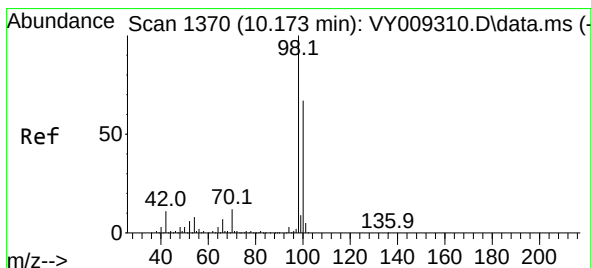
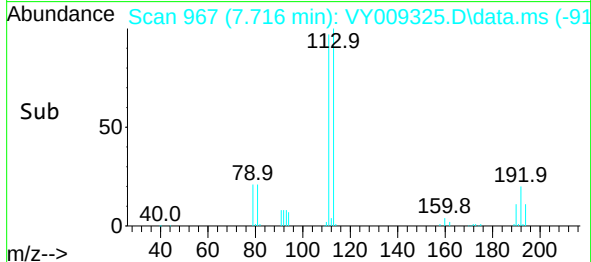
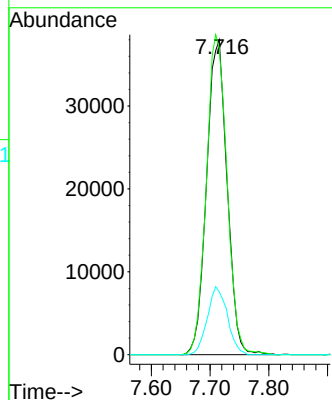
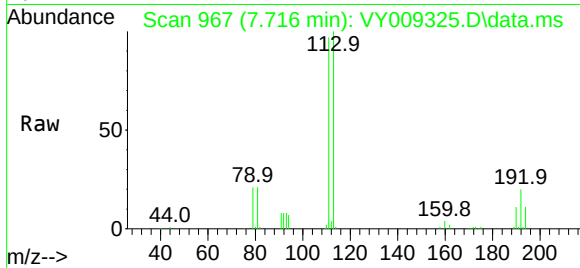




#35
Dibromofluoromethane
Concen: 57.588 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

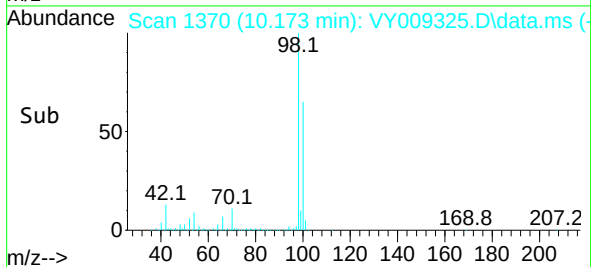
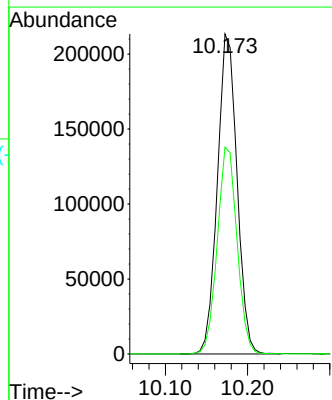
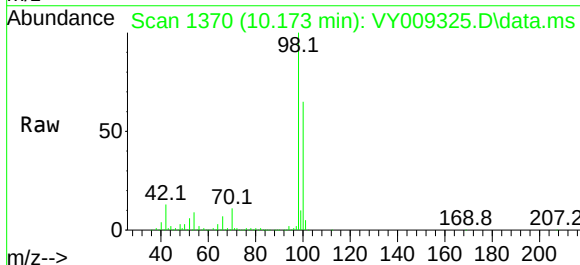
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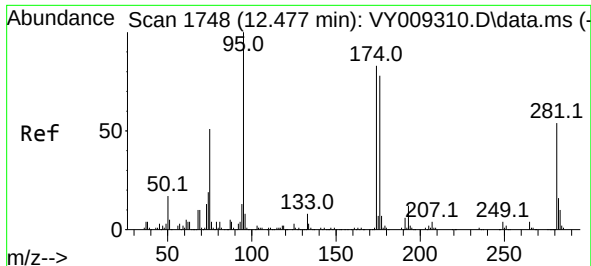
Tgt Ion:113 Resp: 92160
Ion Ratio Lower Upper
113 100
111 102.1 80.6 120.8
192 21.1 16.2 24.4



#50
Toluene-d8
Concen: 79.823 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 98 Resp: 354295
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3

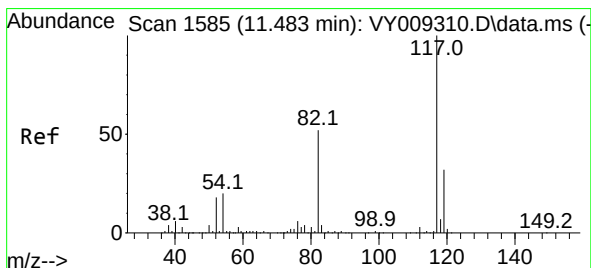
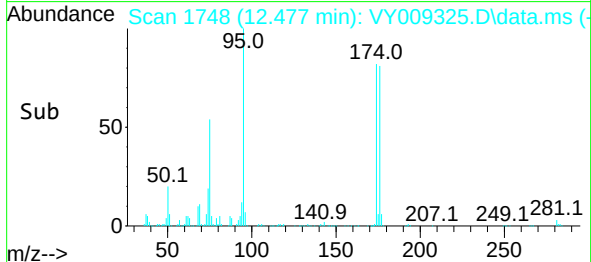
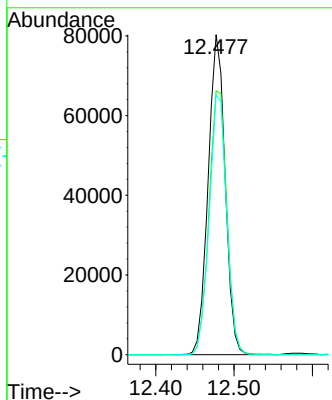
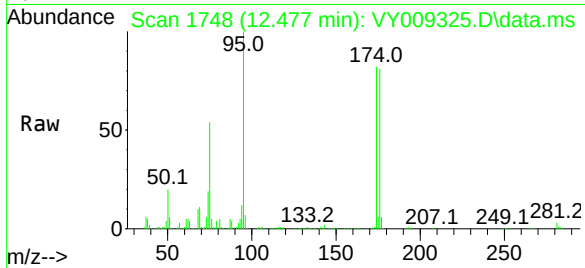




#62
4-Bromofluorobenzene
Concen: 52.912 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

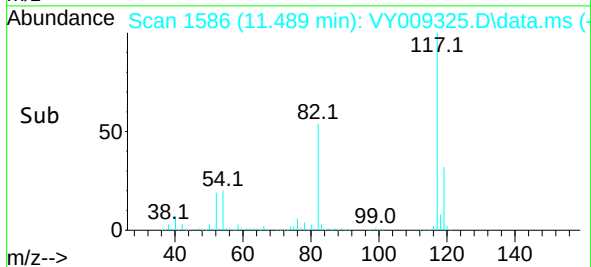
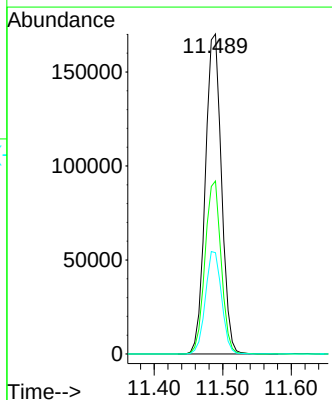
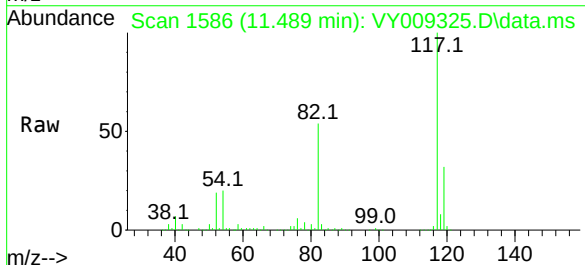
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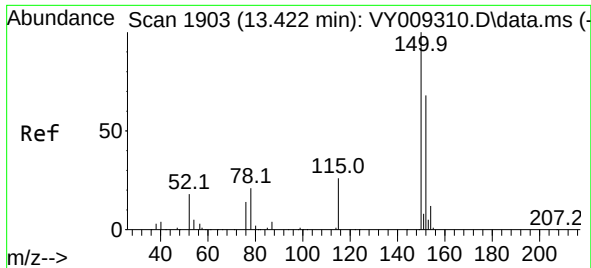
Tgt Ion: 95 Resp: 120598
Ion Ratio Lower Upper
95 100
174 87.0 0.0 173.8
176 83.4 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 117 Resp: 279024
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 31.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009325.D

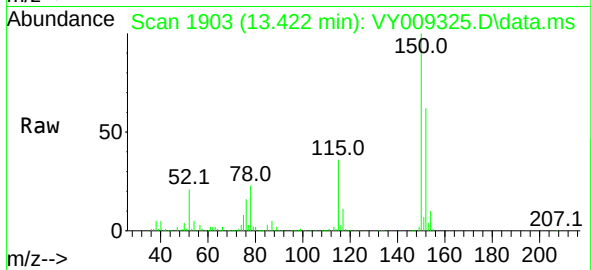
Acq: 25 Jun 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-6-8-20220623



Tgt Ion:152 Resp: 130153

Ion Ratio Lower Upper

152 100

115 56.3 28.6 85.9

150 155.7 0.0 349.8

