

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009154.D
 Acq On : 06 Jun 2022 17:48
 Operator : KP/MD
 Sample : N3189-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220428-AMENDED-COMPOSITE-H

Quant Time: Jun 07 02:33:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

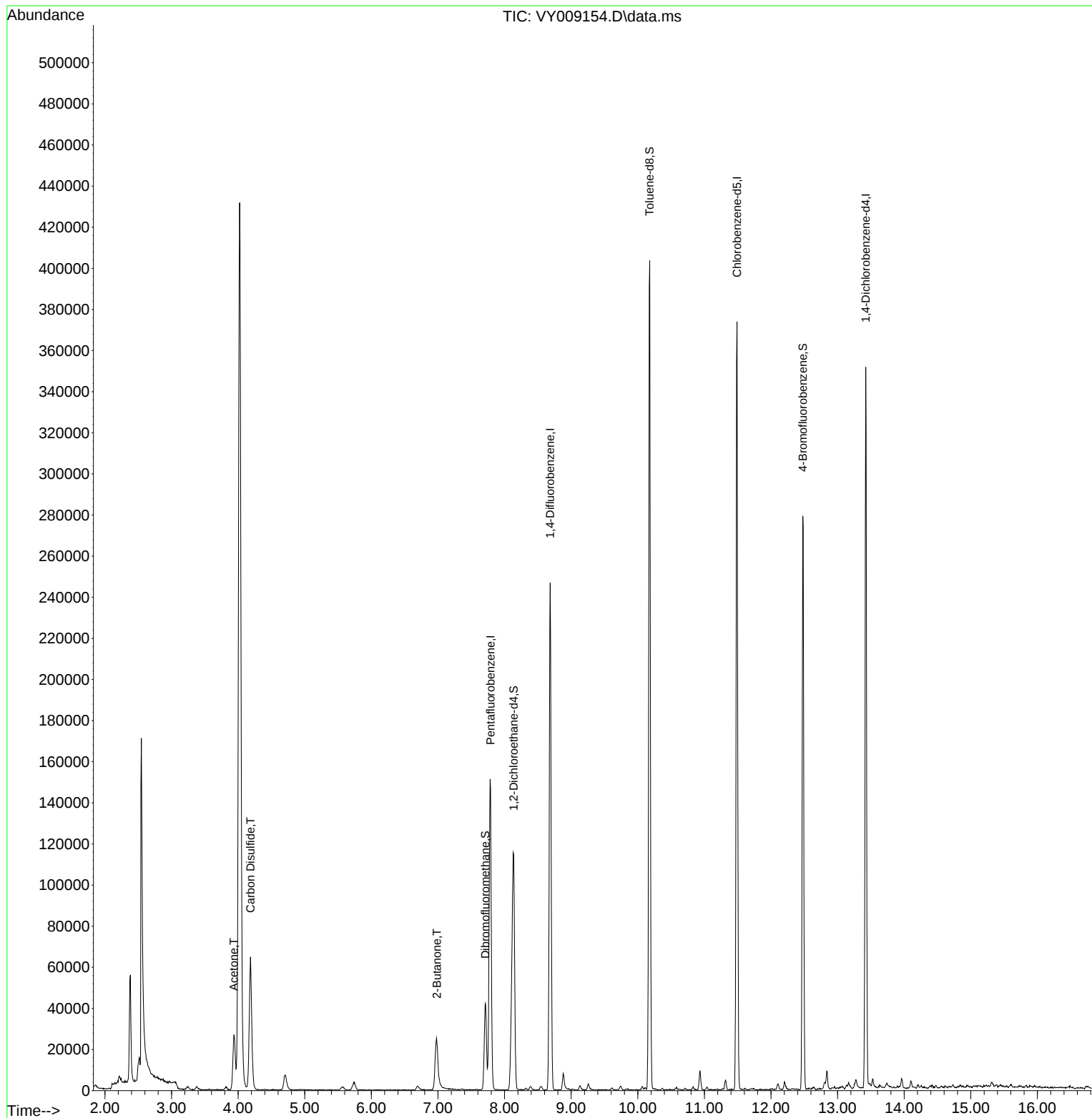
Internal Standards						
1) Pentafluorobenzene	7.789	168	115651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	71772	60.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.600%
35) Dibromofluoromethane	7.710	113	28971	22.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.040%#
50) Toluene-d8	10.179	98	254244	53.575	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.140%
62) 4-Bromofluorobenzene	12.477	95	75136	39.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.500%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	44872	181.110	ug/l	96
17) Carbon Disulfide	4.186	76	120421	33.885	ug/l	98
25) 2-Butanone	6.984	43	11433	25.836	ug/l #	84

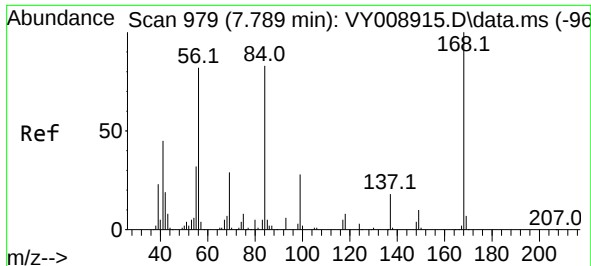
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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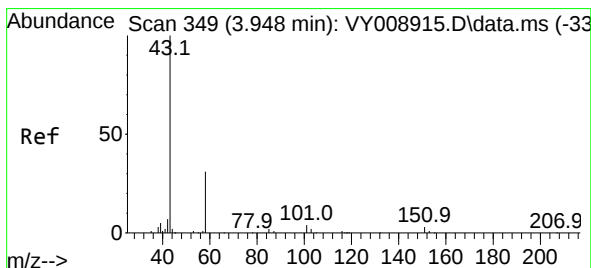
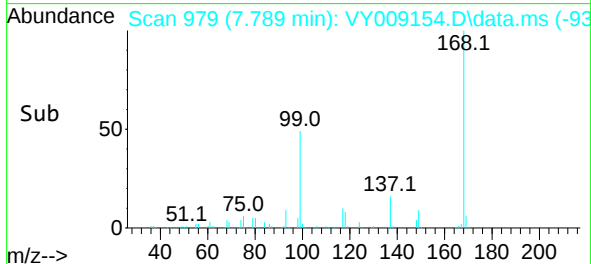
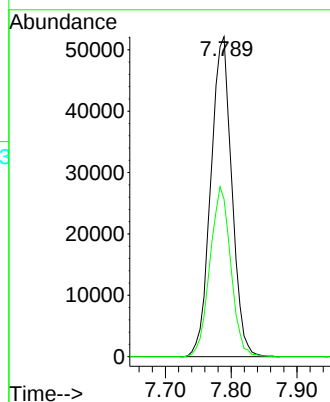
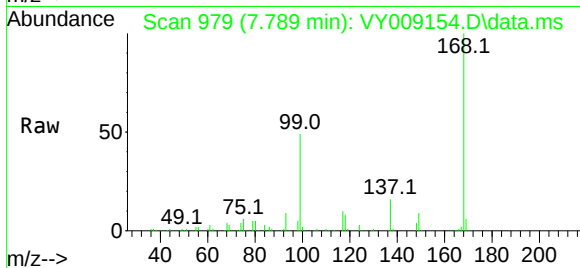




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

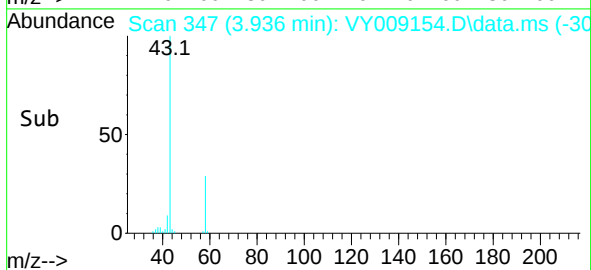
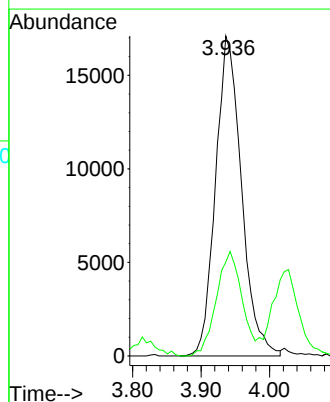
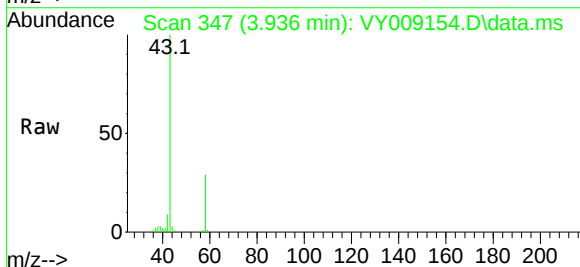
Instrument :
MSVOA_Y
ClientSampleId :
20220428-AMENDED-COMPOSITE-H

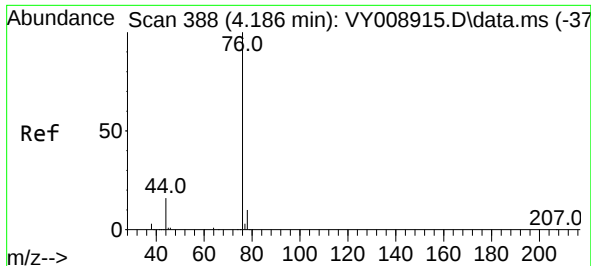
Tgt Ion:168 Resp: 115651
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#16
Acetone
Concen: 181.110 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 43 Resp: 44872
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

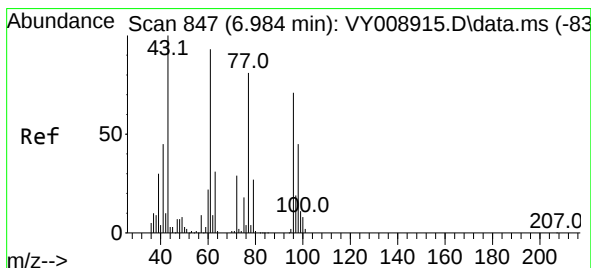
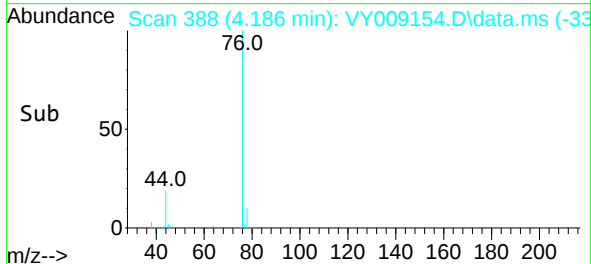
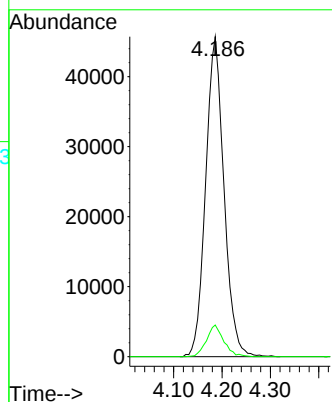
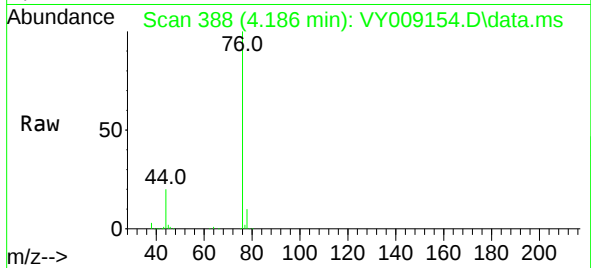




#17
Carbon Disulfide
Concen: 33.885 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

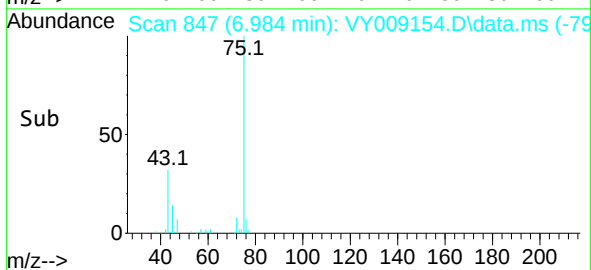
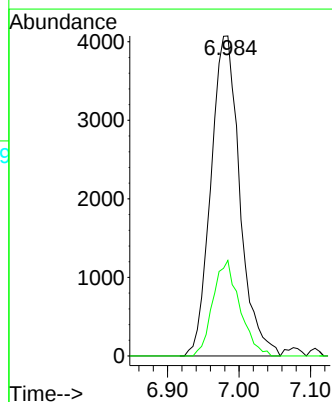
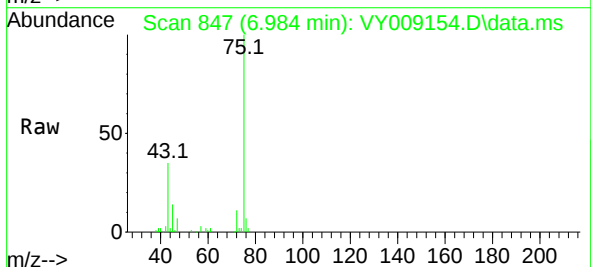
Instrument : MSVOA_Y
ClientSampleId : 20220428-AMENDED-COMPOSITE-H

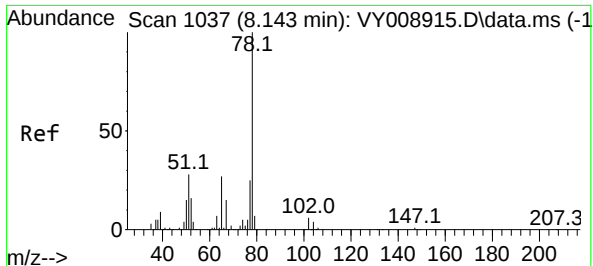
Tgt Ion: 76 Resp: 120421
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#25
2-Butanone
Concen: 25.836 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 43 Resp: 11433
Ion Ratio Lower Upper
43 100
72 29.8 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 60.299 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009154.D

Acq: 06 Jun 2022 17:48

Instrument :

MSVOA_Y

ClientSampleId :

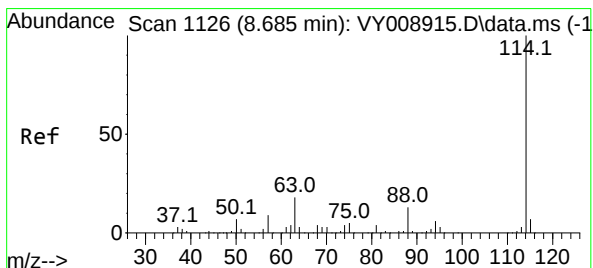
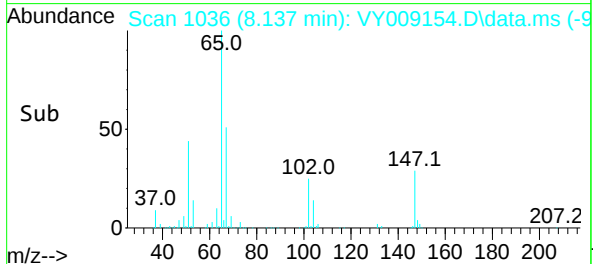
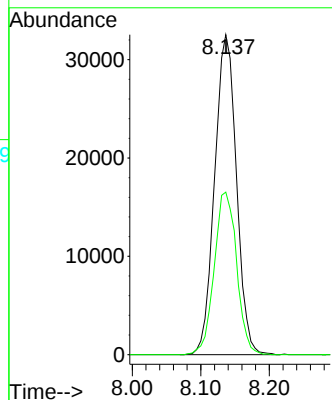
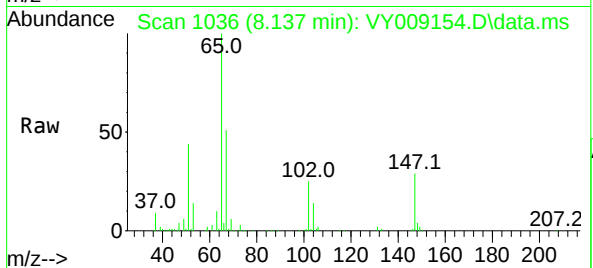
20220428-AMENDED-COMPOSITE-H

Tgt Ion: 65 Resp: 71772

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009154.D

Acq: 06 Jun 2022 17:48

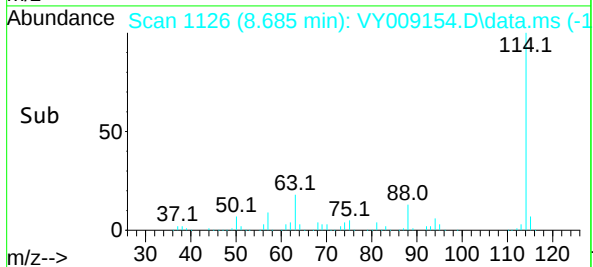
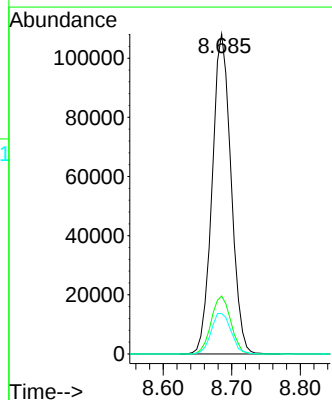
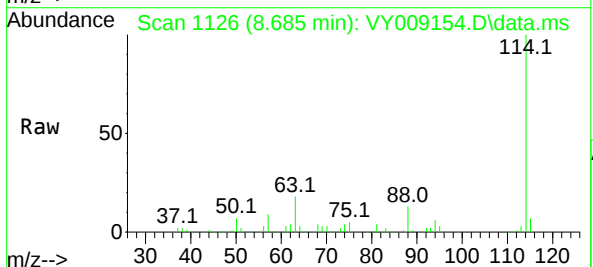
Tgt Ion: 114 Resp: 206865

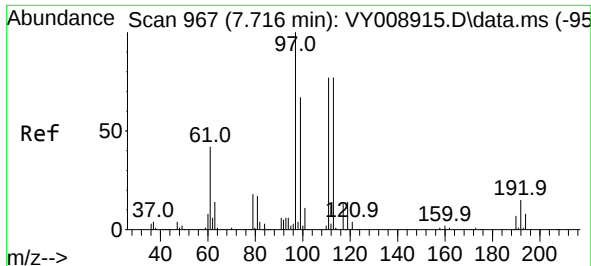
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 12.6 0.0 31.8

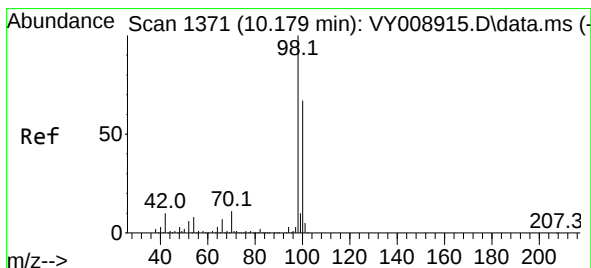
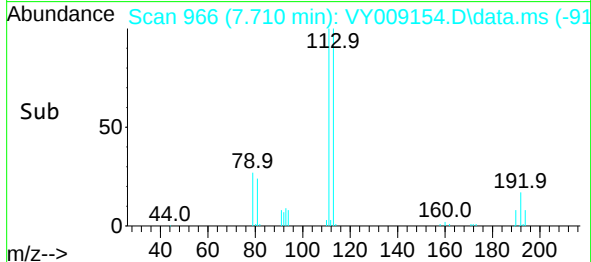
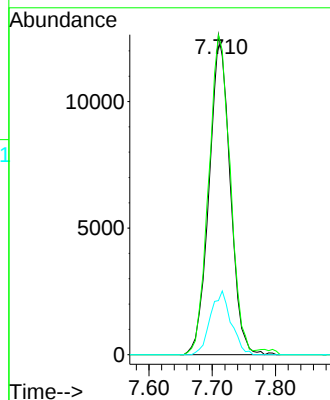
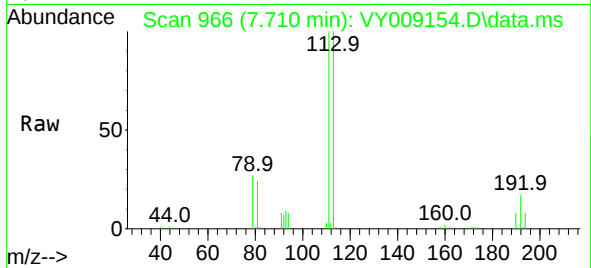




#35
Dibromofluoromethane
Concen: 22.521 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

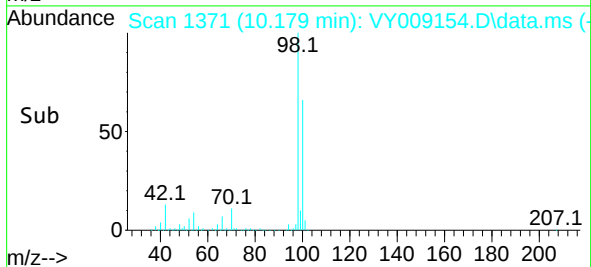
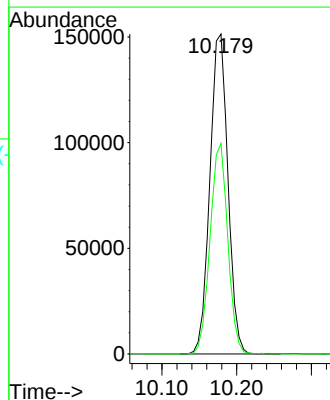
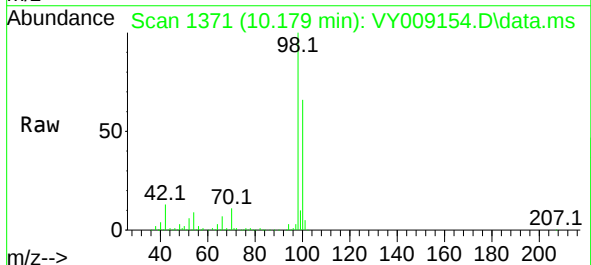
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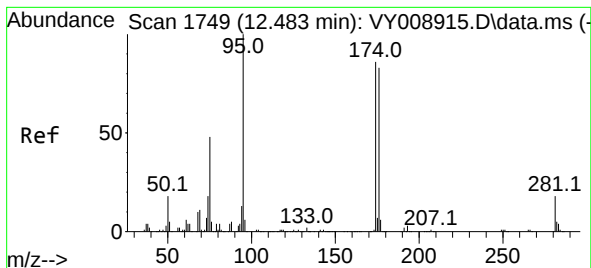
Tgt Ion:113 Resp: 28971
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 53.575 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 98 Resp: 254244
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

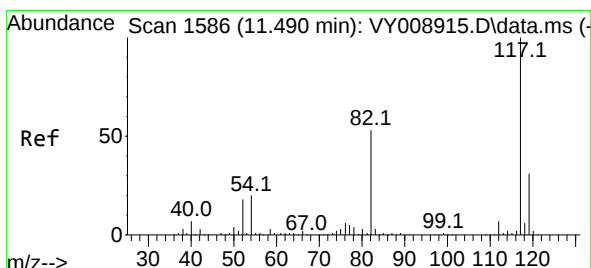
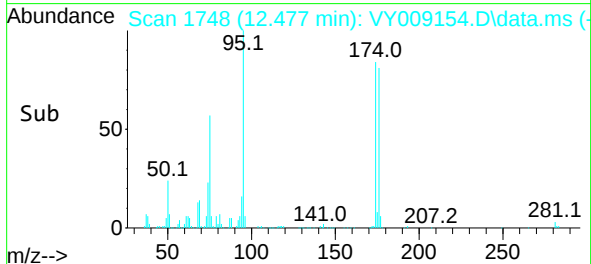
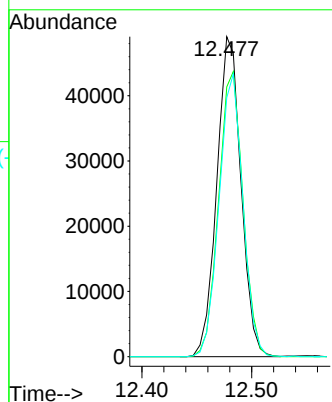
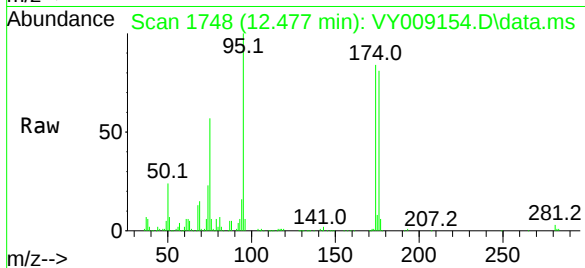




#62
4-Bromofluorobenzene
Concen: 39.249 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

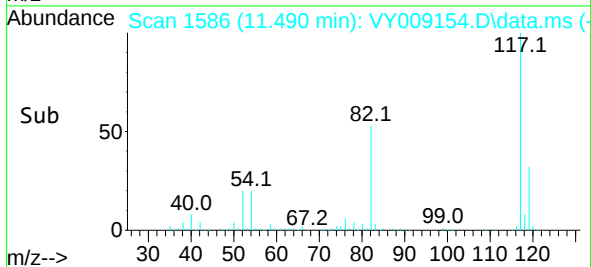
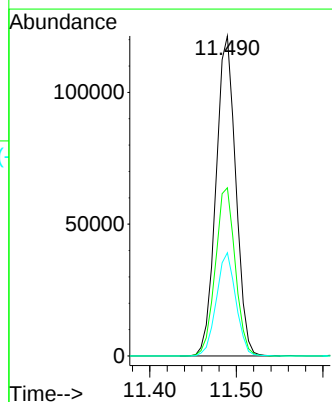
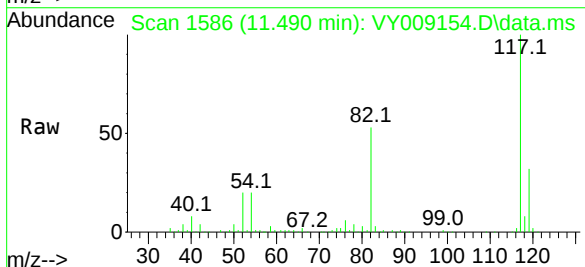
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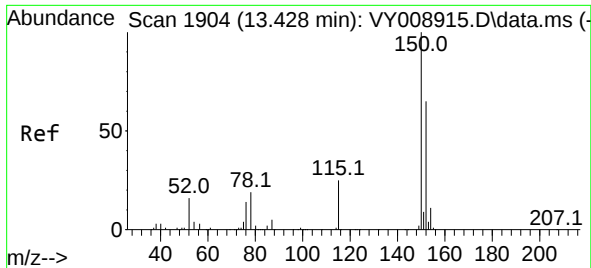
Tgt Ion: 95 Resp: 75136
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 87.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

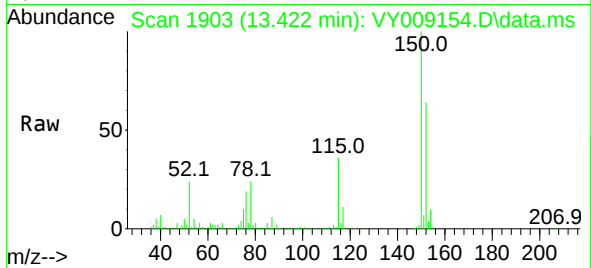
Tgt Ion: 117 Resp: 192394
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009154.D
 Acq: 06 Jun 2022 17:48

Instrument : MSVOA_Y
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Tgt Ion:152 Resp: 83756
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 156.9 0.0 347.6

