

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009536.D
 Acq On : 12 Jul 2022 16:42
 Operator : KP/MD
 Sample : N3597-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220508-COMPOSITE-C

Quant Time: Jul 13 01:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

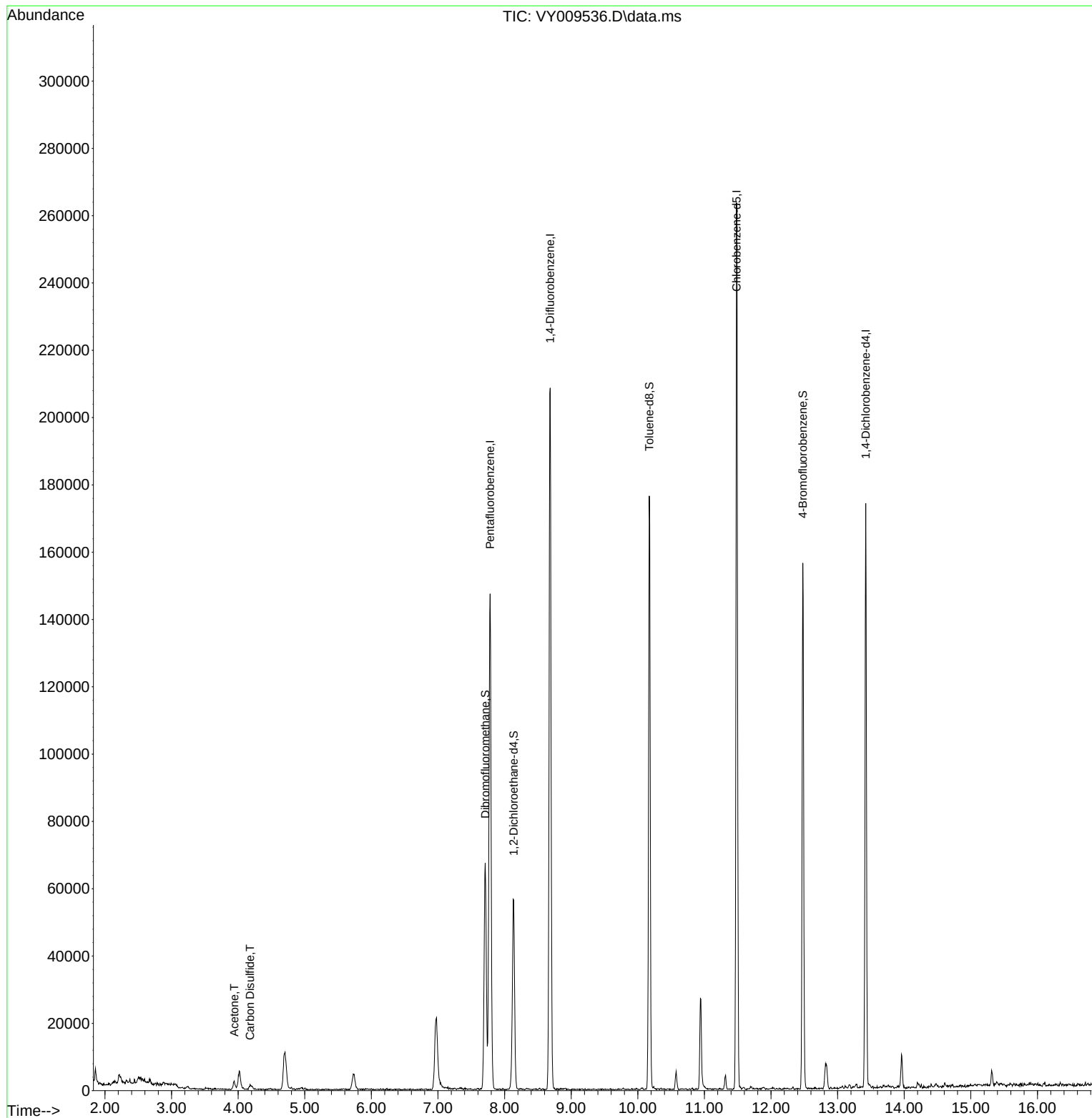
Internal Standards						
1) Pentafluorobenzene	7.783	168	117122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	183763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	140205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43260	52.797	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.600%			
35) Dibromofluoromethane	7.710	113	45607	47.168	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.340%			
50) Toluene-d8	10.173	98	114637	41.932	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 83.860%			
62) 4-Bromofluorobenzene	12.477	95	42262	30.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 61.920%			
Target Compounds						
16) Acetone	3.942	43	3703	12.997	ug/l	94
17) Carbon Disulfide	4.180	76	1473	4.843	ug/l	99

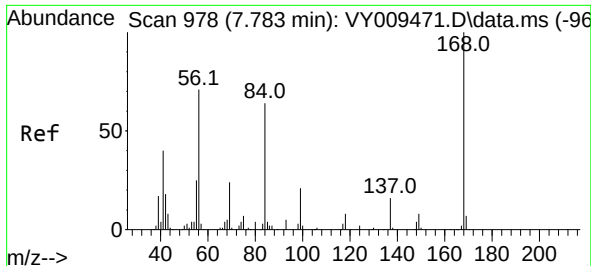
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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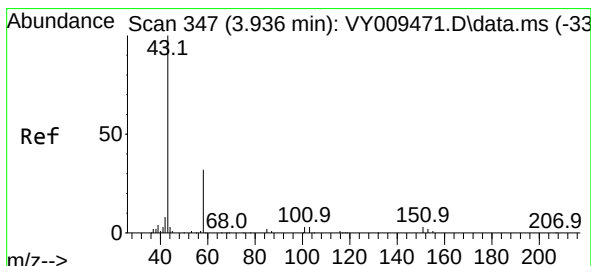
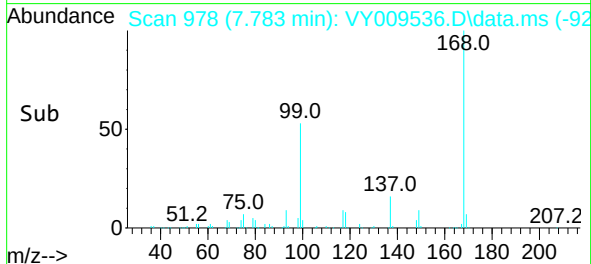
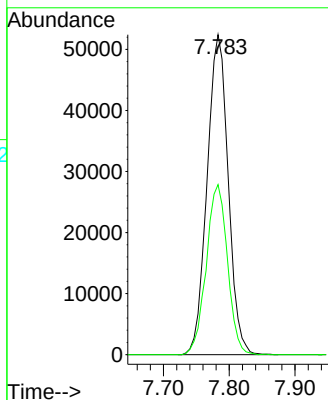
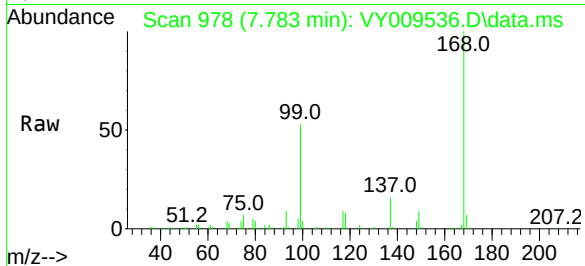




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

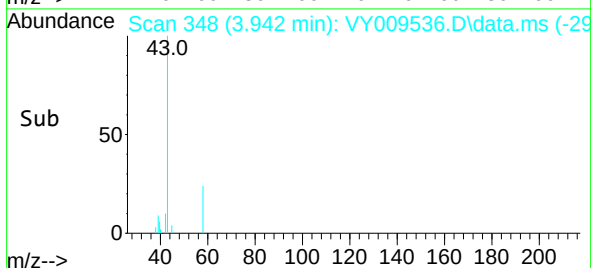
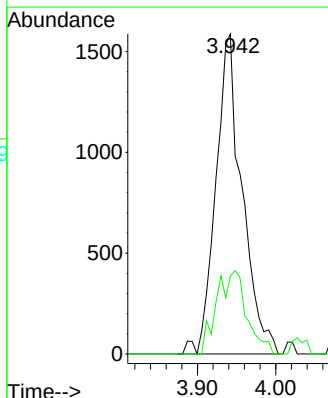
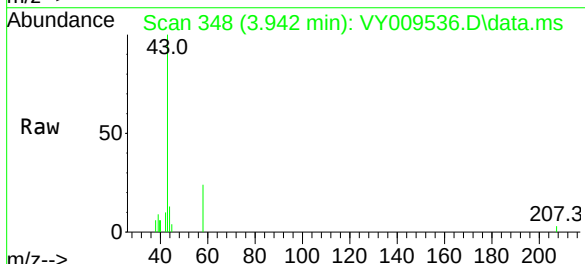
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

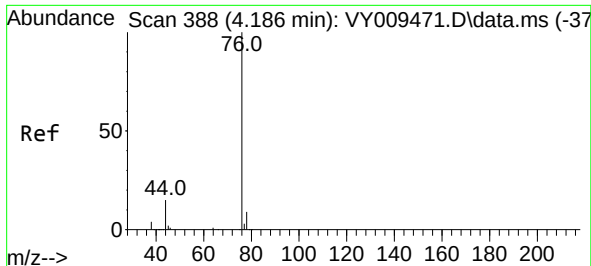
Tgt Ion:168 Resp: 117122
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#16
Acetone
Concen: 12.997 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 43 Resp: 3703
Ion Ratio Lower Upper
43 100
58 24.3 22.0 33.0

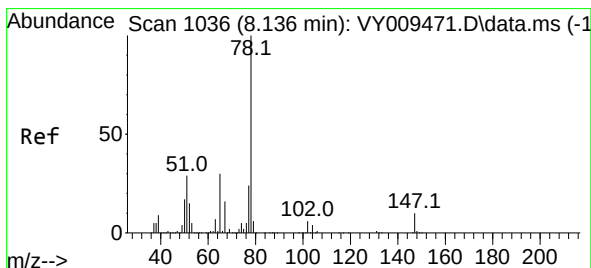
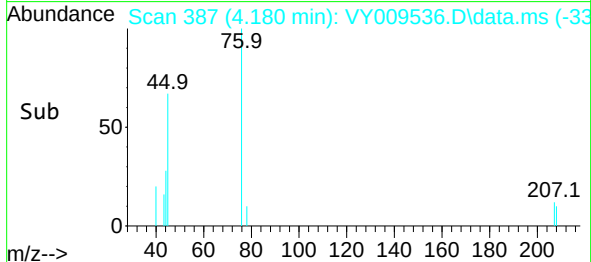
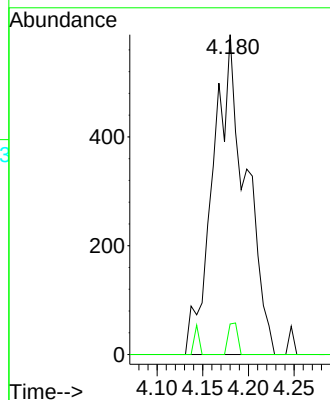
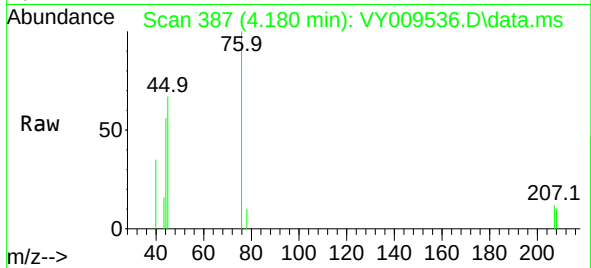




#17
Carbon Disulfide
Concen: 4.843 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

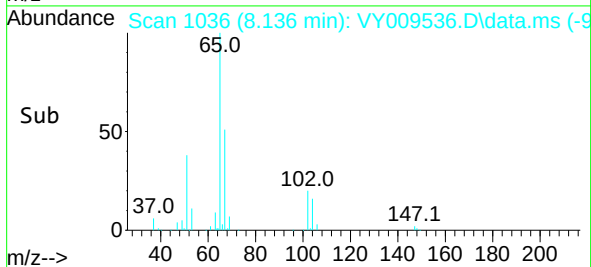
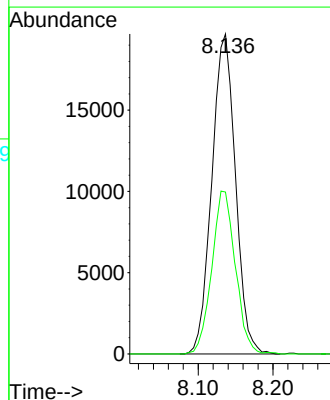
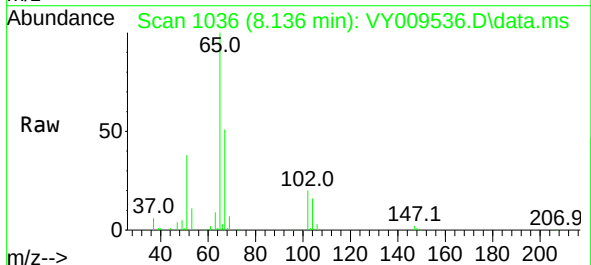
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

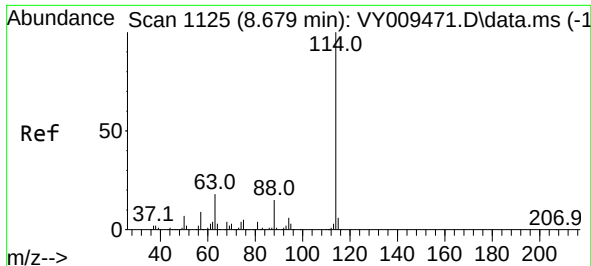
Tgt Ion: 76 Resp: 1473
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 52.797 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 65 Resp: 43260
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009536.D

Acq: 12 Jul 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

20220508-COMPOSITE-C

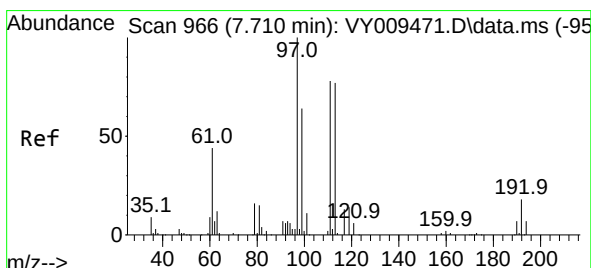
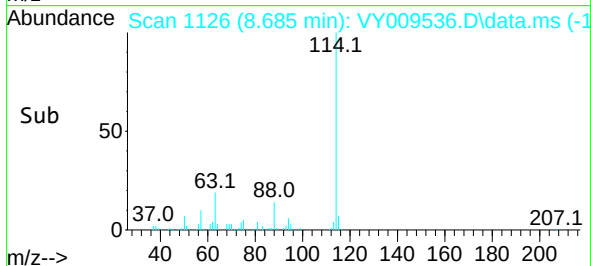
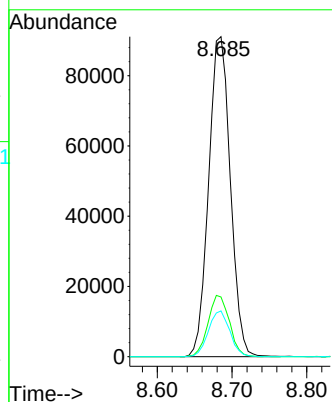
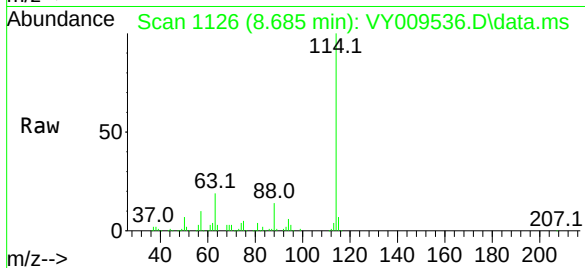
Tgt Ion:114 Resp: 183763

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.168 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009536.D

Acq: 12 Jul 2022 16:42

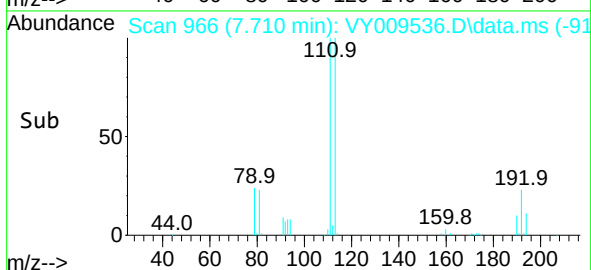
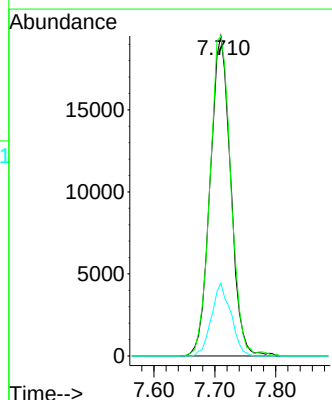
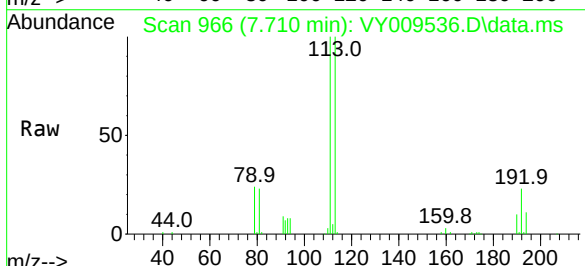
Tgt Ion:113 Resp: 45607

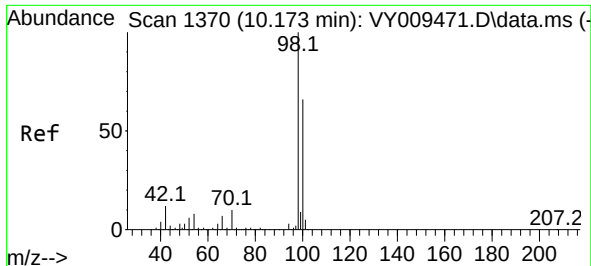
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.5 17.6 26.4

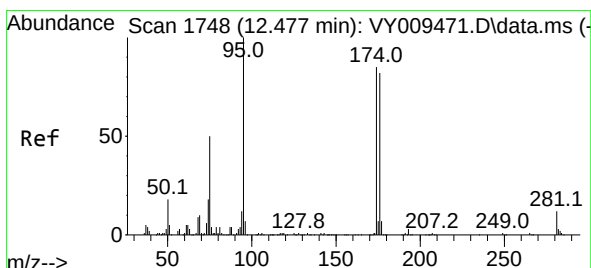
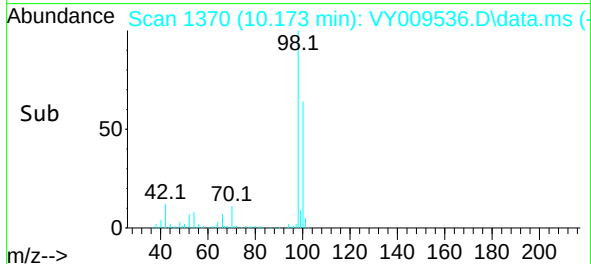
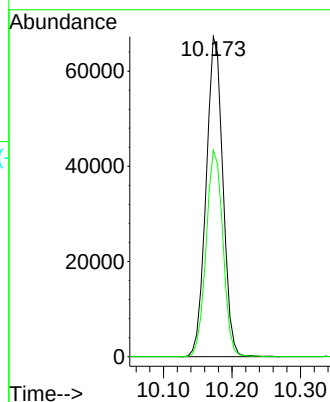
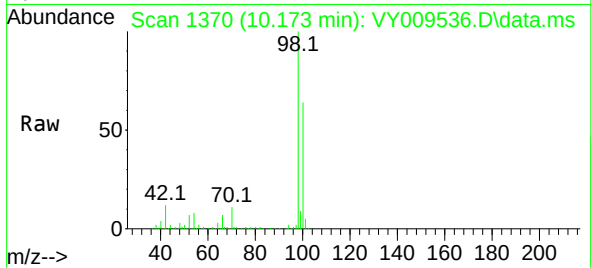




#50
Toluene-d8
Concen: 41.932 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

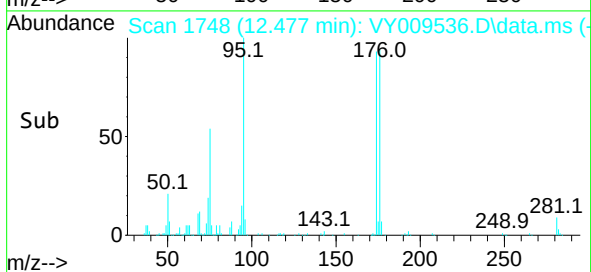
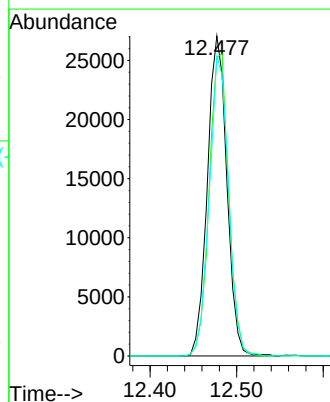
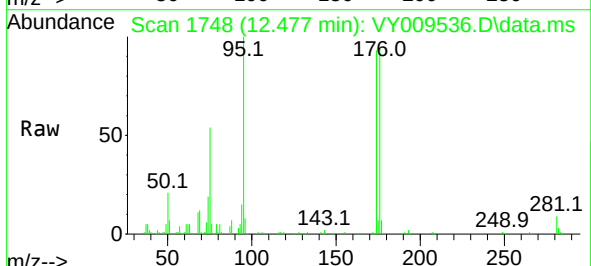
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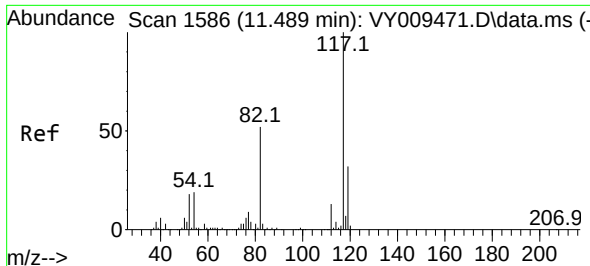
Tgt Ion: 98 Resp: 114637
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.964 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 95 Resp: 42262
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 93.1 0.0 175.8

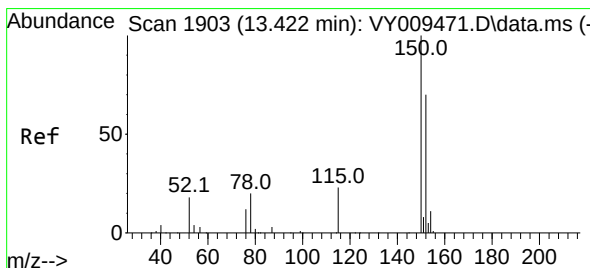
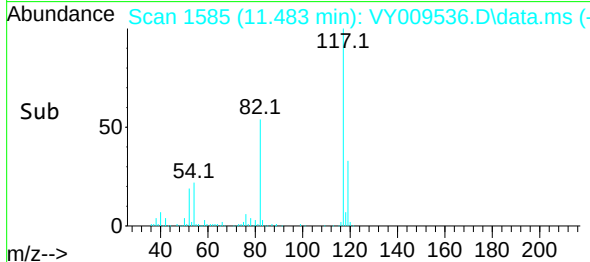
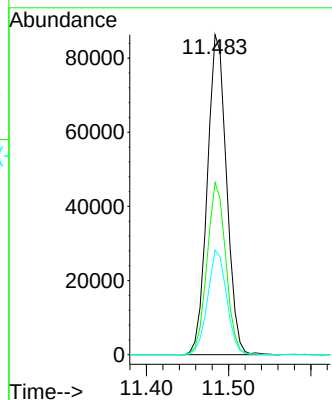
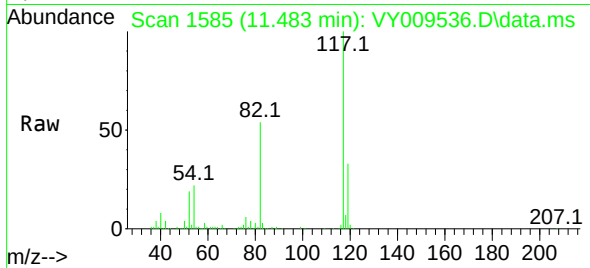




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Instrument :
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Tgt Ion:117 Resp: 140205
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion:152 Resp: 43842
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.1 0.0 347.6

