

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009508.D
 Acq On : 11 Jul 2022 14:25
 Operator : KP/MD
 Sample : N3593-15
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220492C-10C

Quant Time: Jul 12 05:02:55 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)

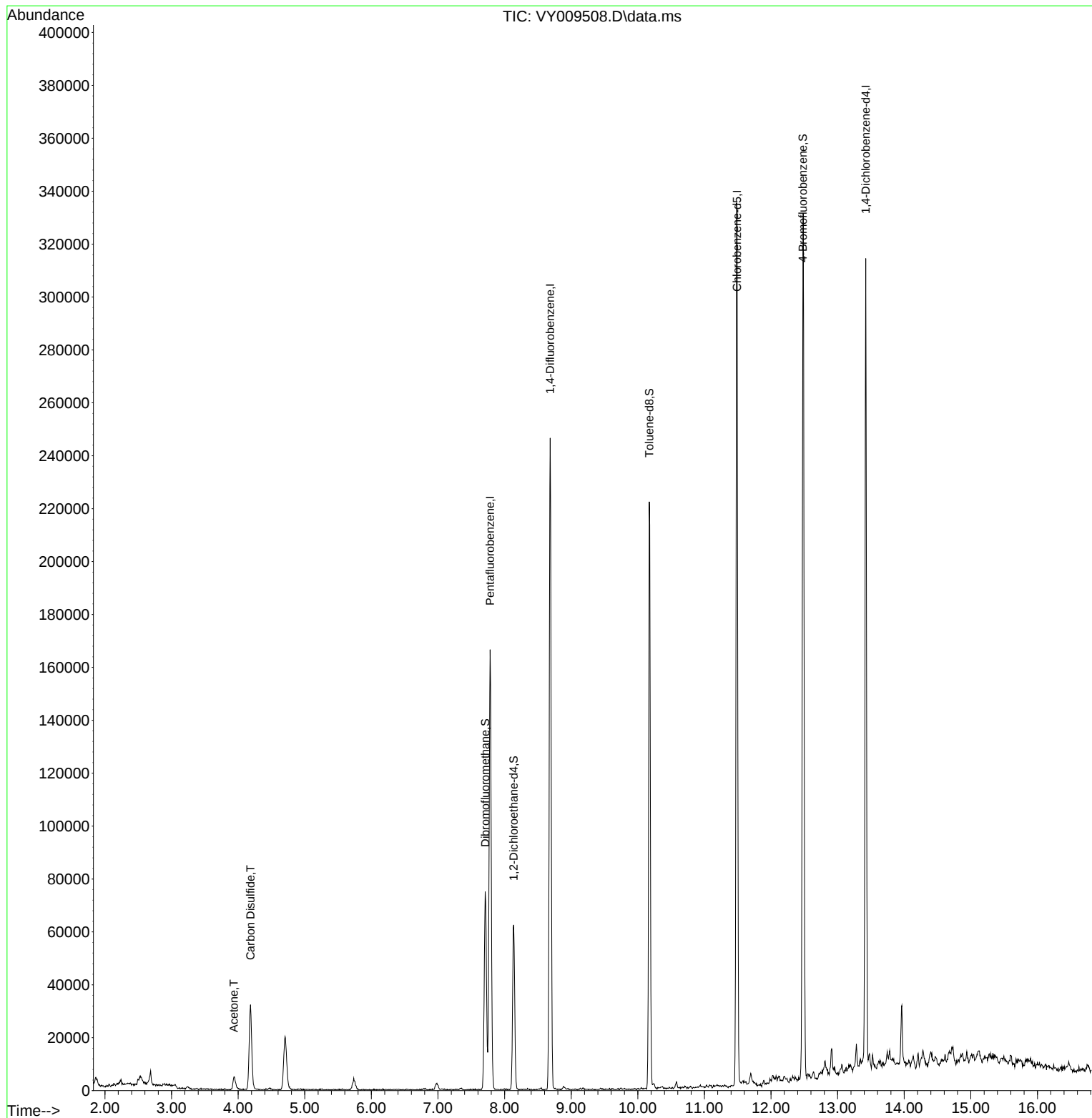
Internal Standards						
1) Pentafluorobenzene	7.783	168	128629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47307	52.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.710	113	51302	46.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.260%	
50) Toluene-d8	10.173	98	140592	45.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 90.700%	
62) 4-Bromofluorobenzene	12.477	95	65152	41.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 83.000%	
Target Compounds						
						Qvalue
16) Acetone	3.936	43	8734	27.912	ug/l	99
17) Carbon Disulfide	4.186	76	63817	21.058	ug/l	100

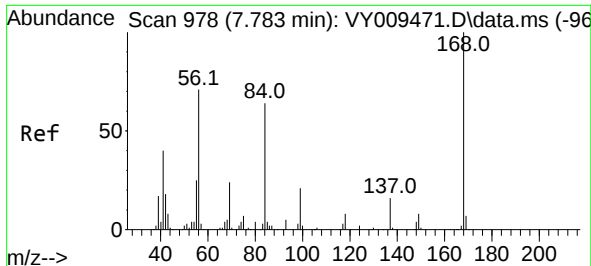
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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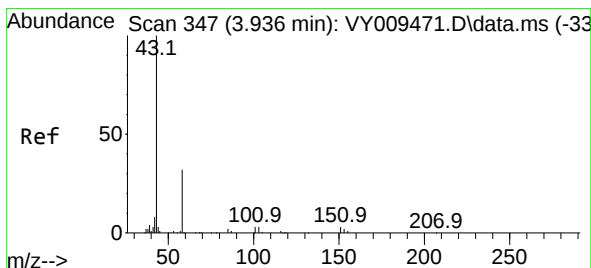
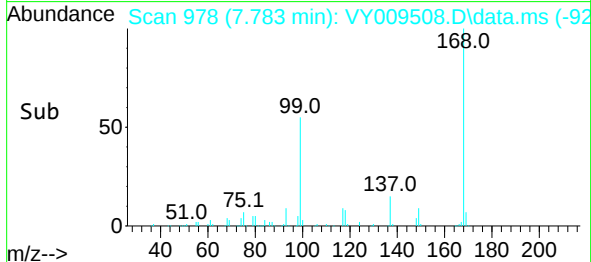
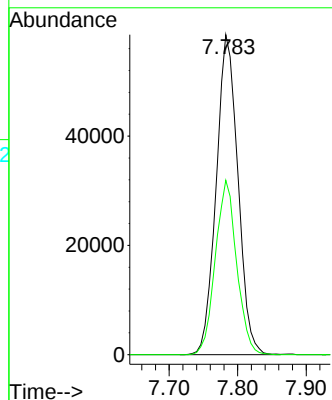
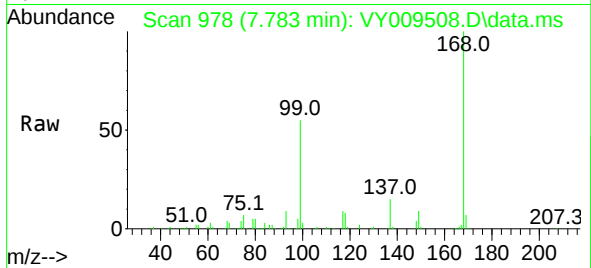




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

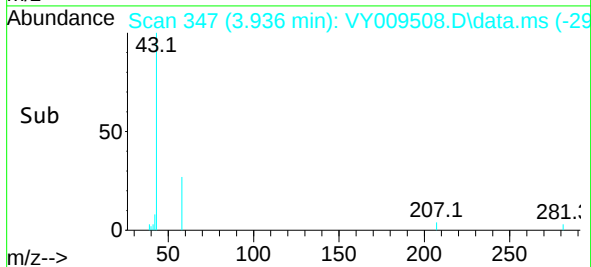
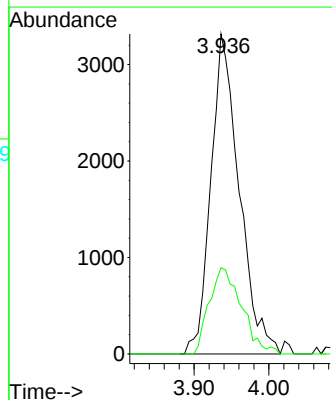
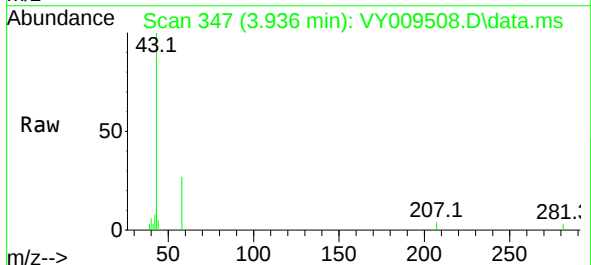
Instrument :
MSVOA_Y
ClientSampleId :
20220492C-10C

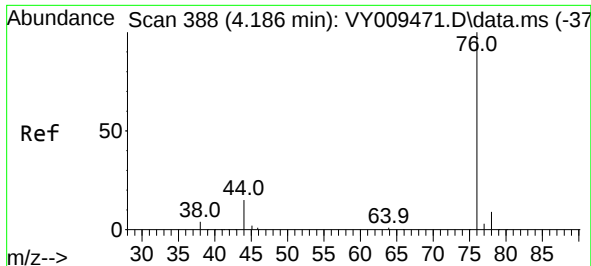
Tgt Ion:168 Resp: 128629
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#16
Acetone
Concen: 27.912 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

Tgt Ion: 43 Resp: 8734
Ion Ratio Lower Upper
43 100
58 27.0 22.0 33.0

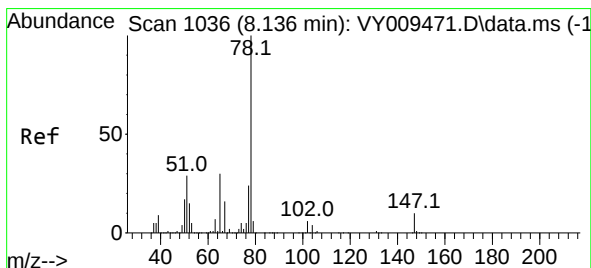
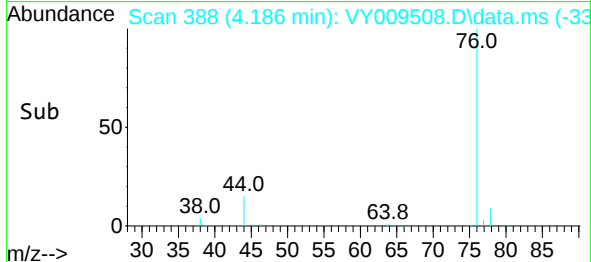
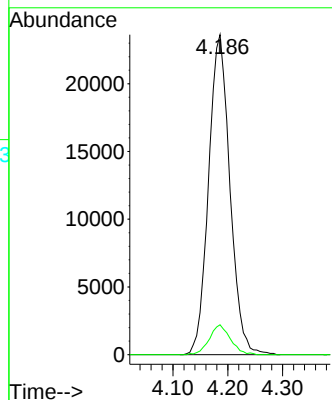
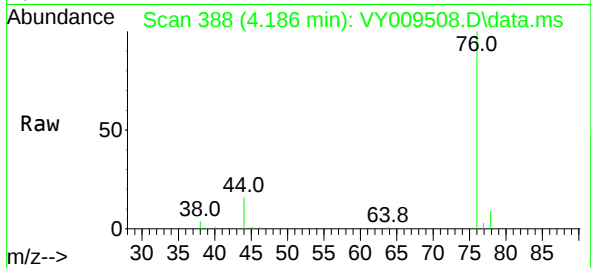




#17
Carbon Disulfide
Concen: 21.058 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

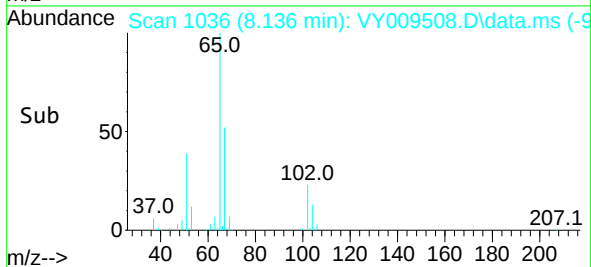
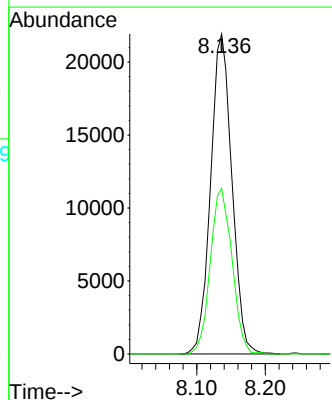
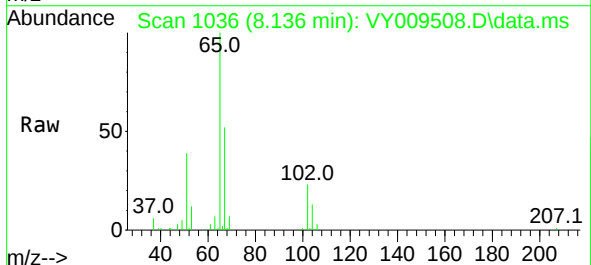
Instrument :
MSVOA_Y
ClientSampleId :
20220492C-10C

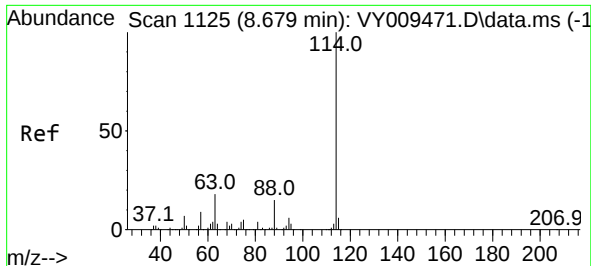
Tgt Ion: 76 Resp: 63817
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 52.539 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

Tgt Ion: 65 Resp: 47307
Ion Ratio Lower Upper
65 100
67 52.7 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: VY009508.D

Acq: 11 Jul 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

20220492C-10C

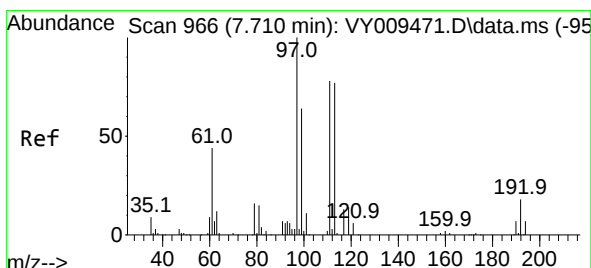
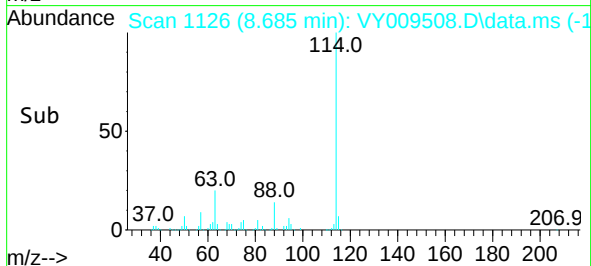
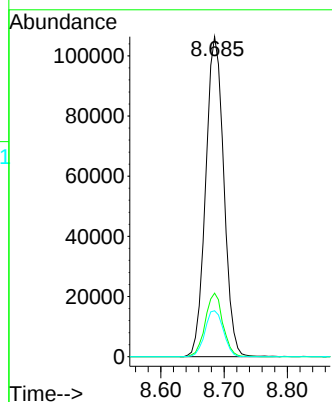
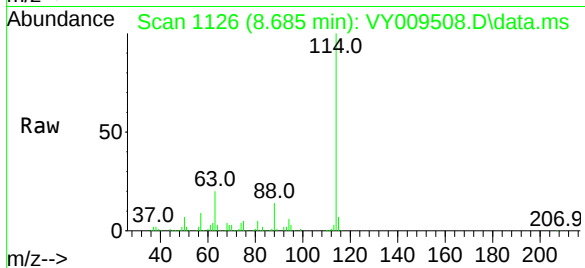
Tgt Ion:114 Resp: 211358

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.131 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009508.D

Acq: 11 Jul 2022 14:25

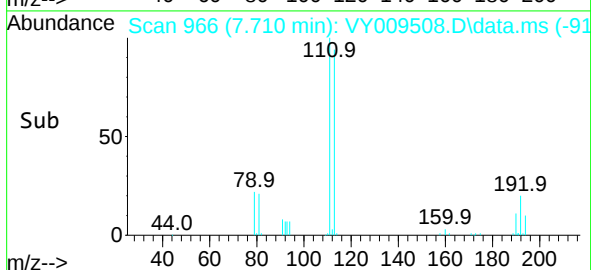
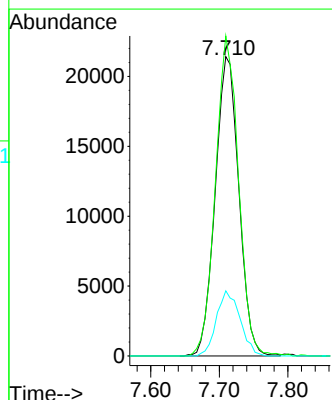
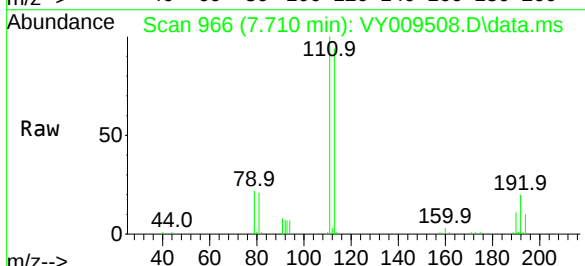
Tgt Ion:113 Resp: 51302

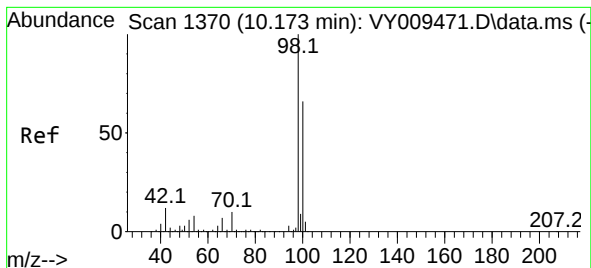
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 21.6 17.6 26.4

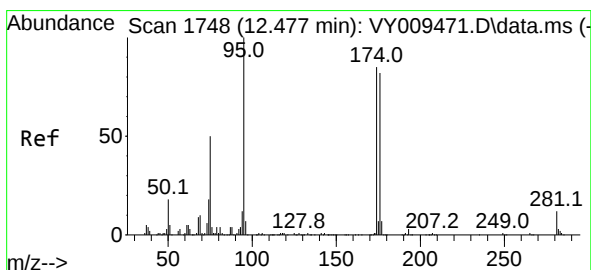
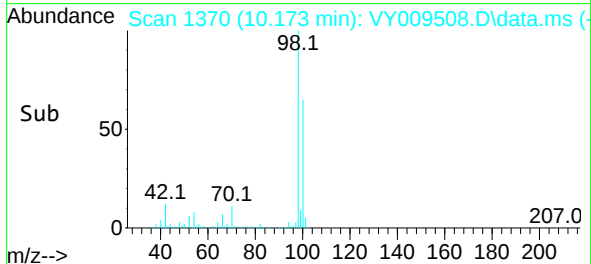
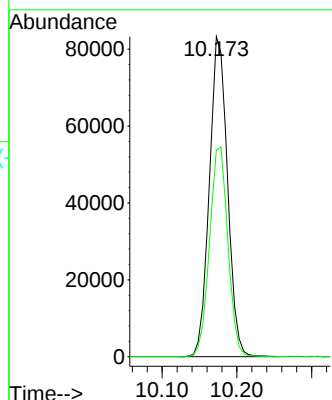
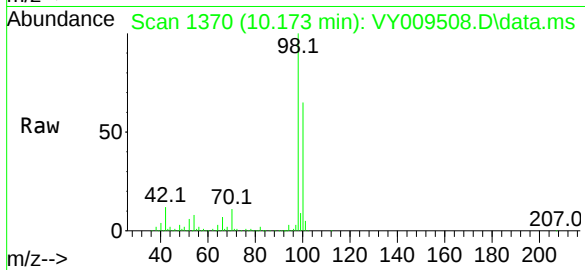




#50
Toluene-d8
Concen: 45.355 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

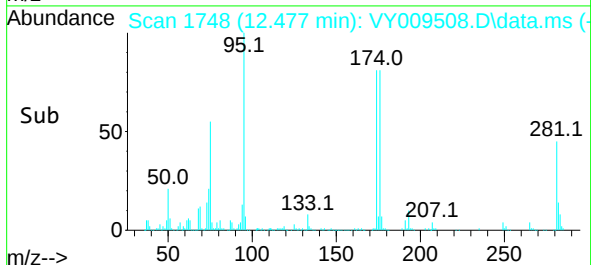
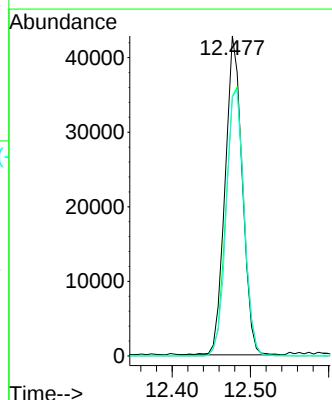
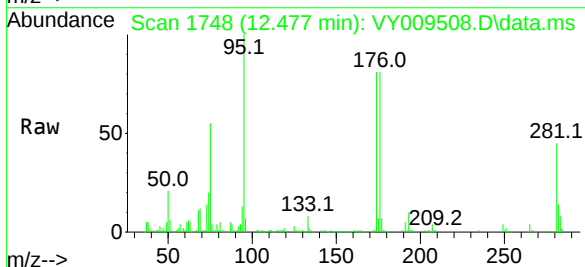
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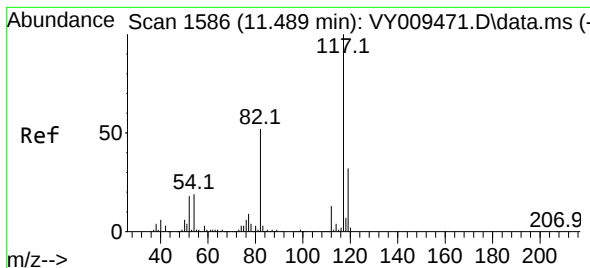
Tgt Ion: 98 Resp: 140592
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.503 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

Tgt Ion: 95 Resp: 65152
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 86.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009508.D

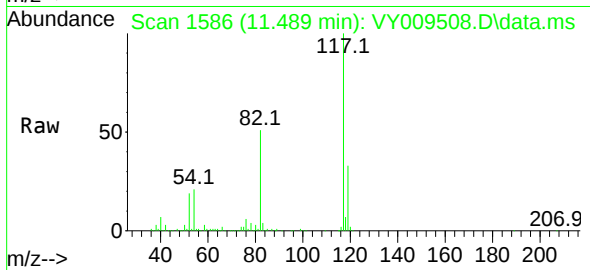
Acq: 11 Jul 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

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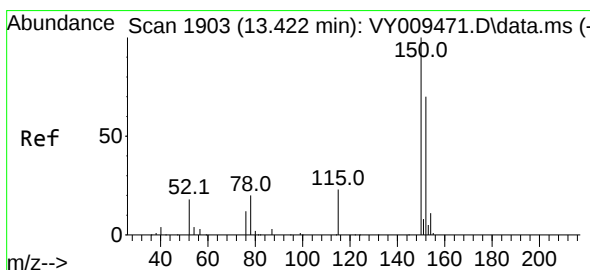
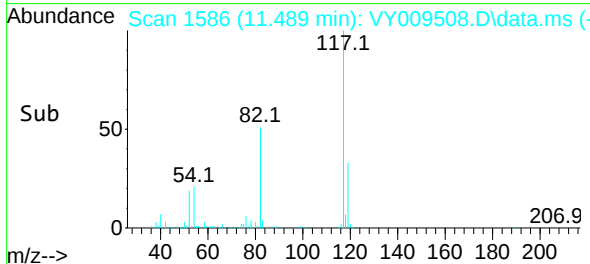
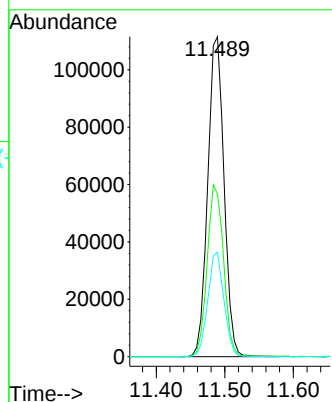
Tgt Ion:117 Resp: 184475

Ion Ratio Lower Upper

117 100

82 50.9 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: VY009508.D

Acq: 11 Jul 2022 14:25

Tgt Ion:152 Resp: 75691

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 155.2 0.0 347.6

