

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010946.D
 Acq On : 12 Oct 2022 16:48
 Operator : KP/MD
 Sample : N5102-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-101122

Quant Time: Oct 13 05:35:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

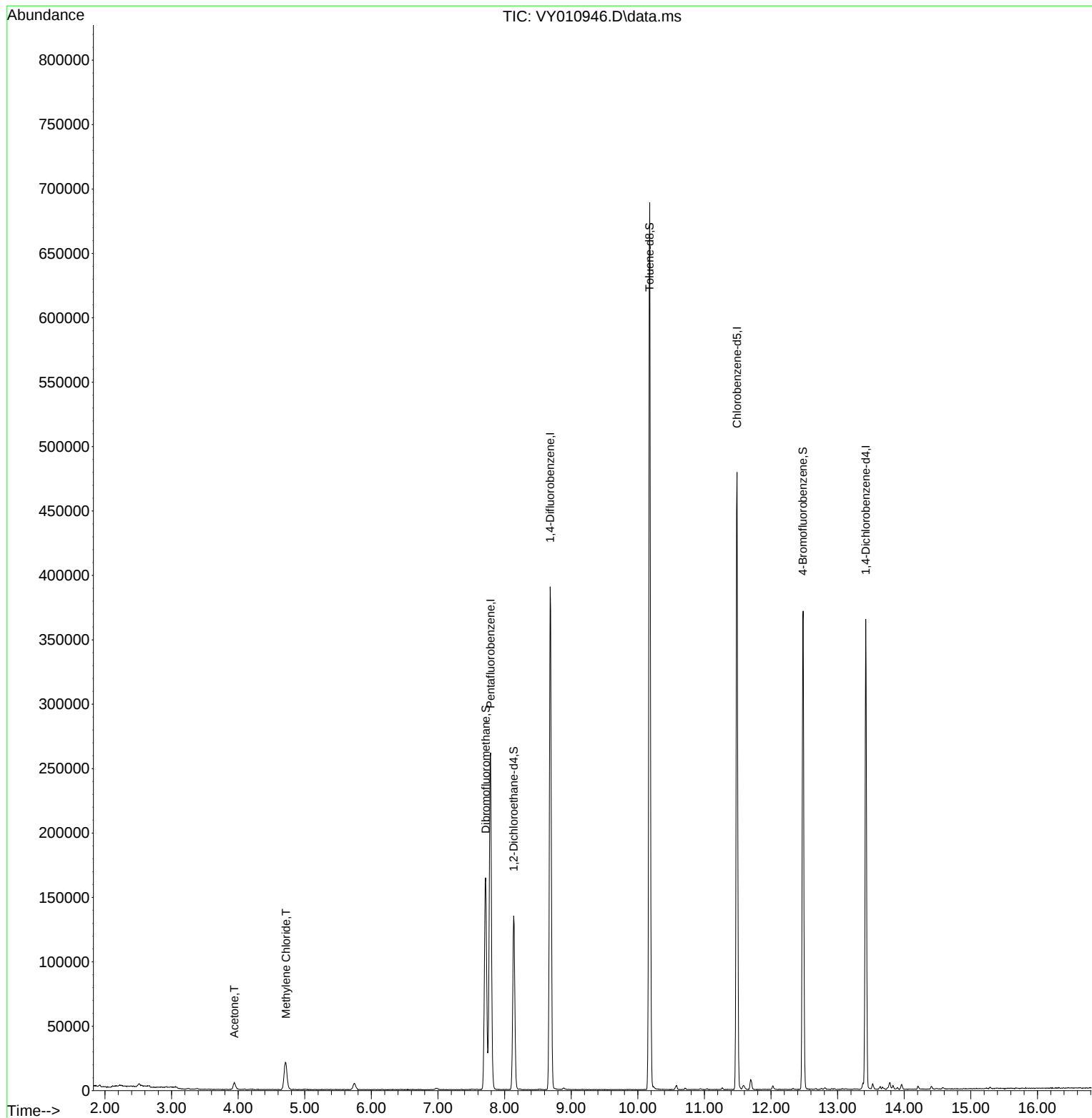
Internal Standards						
1) Pentafluorobenzene	7.789	168	203866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102684	49.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.380%		
35) Dibromofluoromethane	7.716	113	119660	53.561	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.120%		
50) Toluene-d8	10.179	98	450261	58.932	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	117.860%		
62) 4-Bromofluorobenzene	12.477	95	115185	37.682	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.360%		
Target Compounds						
16) Acetone	3.942	43	9431	17.970	ug/l #	82
20) Methylene Chloride	4.716	84	16749	2.303	ug/l #	84

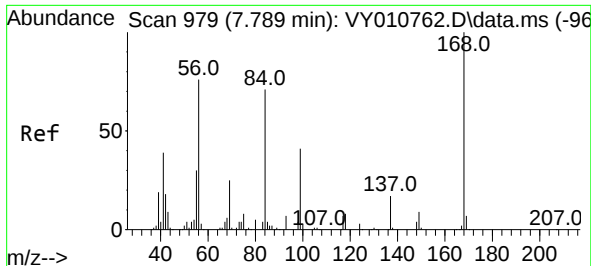
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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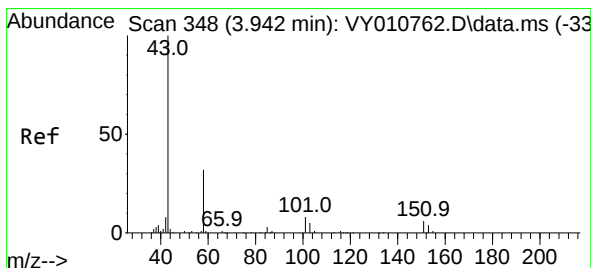
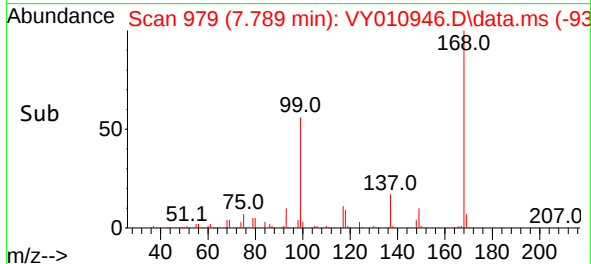
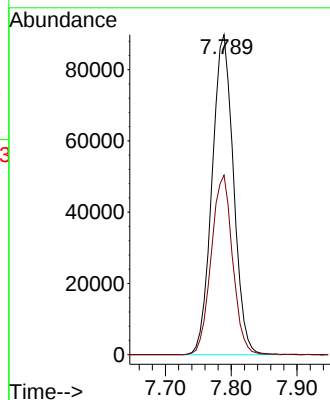
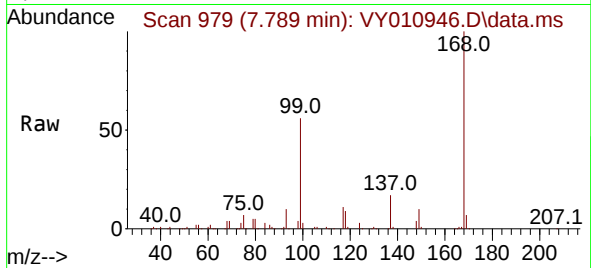




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

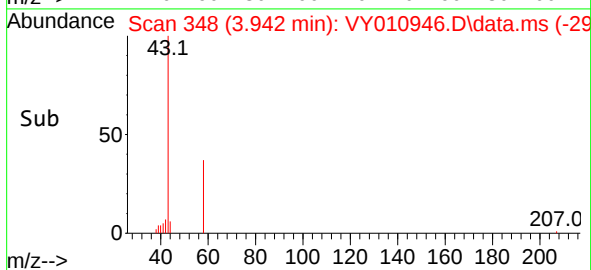
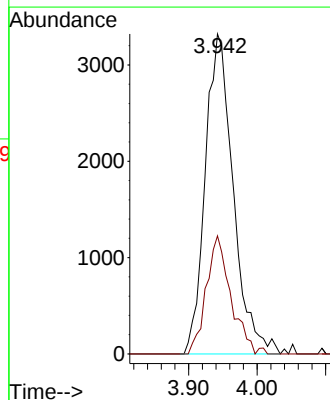
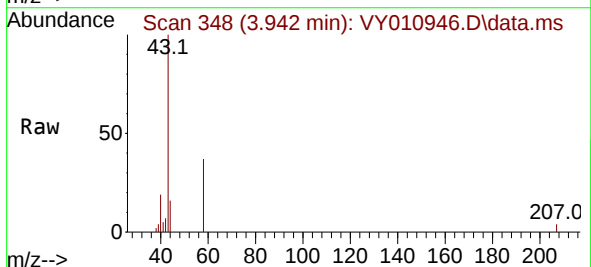
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-101122

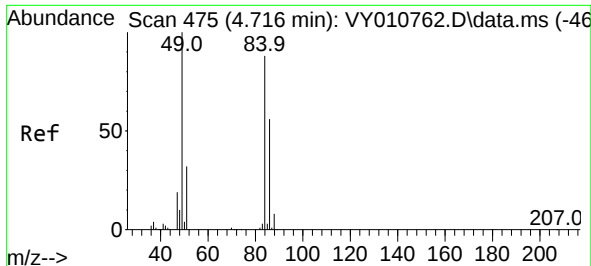
Tgt Ion:168 Resp: 203866
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#16
Acetone
Concen: 17.970 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

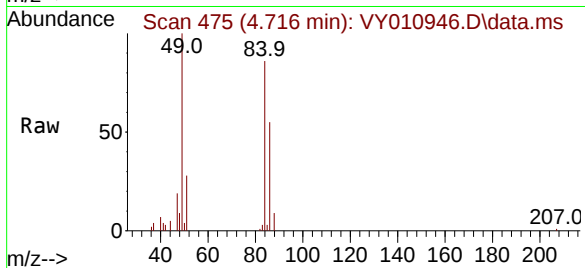
Tgt Ion: 43 Resp: 9431
Ion Ratio Lower Upper
43 100
58 36.9 22.0 33.0#



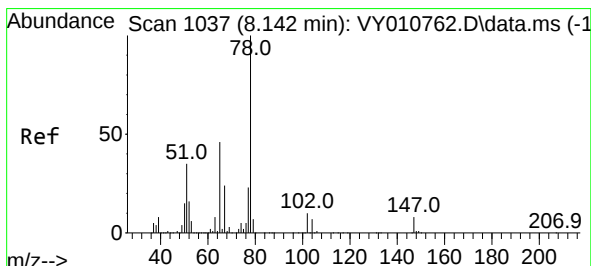
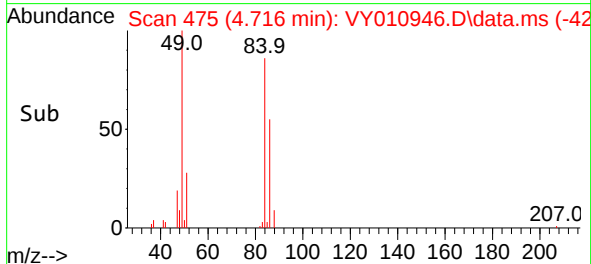
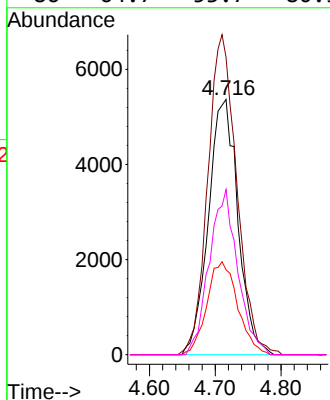


#20
Methylene Chloride
Concen: 2.303 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Instrument :
MSVOA_Y
ClientSampleId :
CL-1-101122

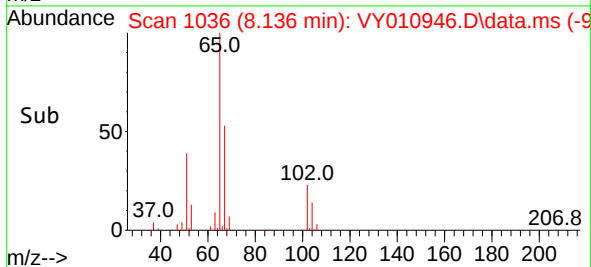
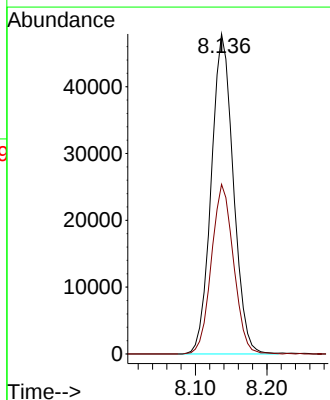
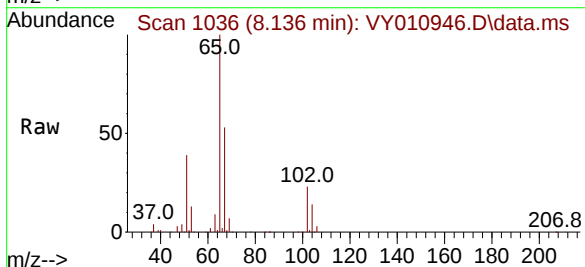


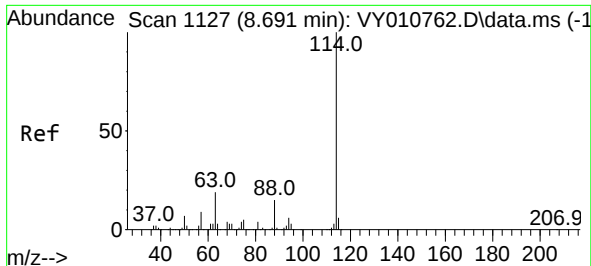
Tgt Ion: 84 Resp: 16749
Ion Ratio Lower Upper
84 100
49 116.6 114.4 171.6
51 33.2 35.3 52.9#
86 64.7 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 49.691 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Tgt Ion: 65 Resp: 102684
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010946.D

Acq: 12 Oct 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

CL-1-101122

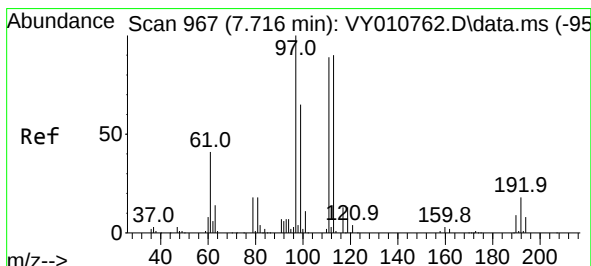
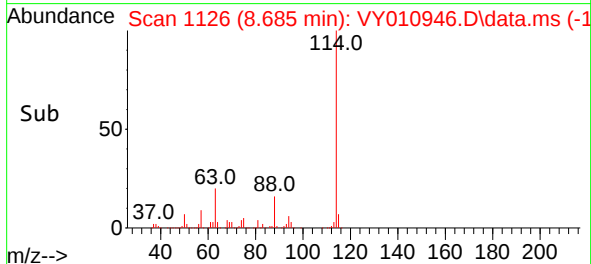
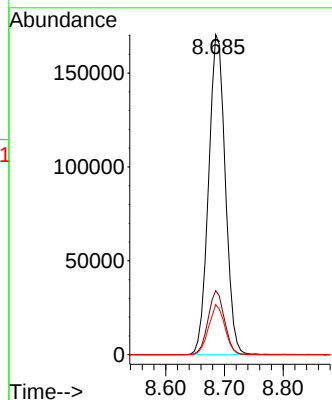
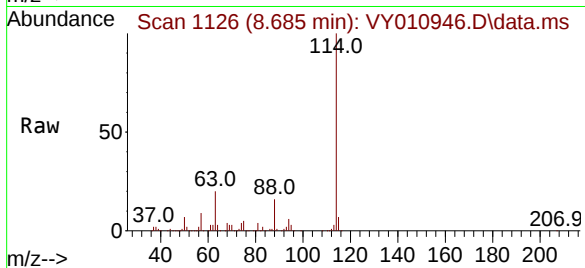
Tgt Ion:114 Resp: 336558

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.561 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010946.D

Acq: 12 Oct 2022 16:48

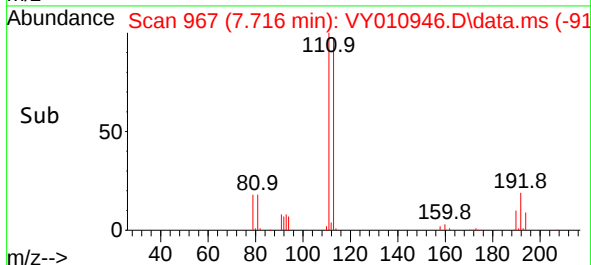
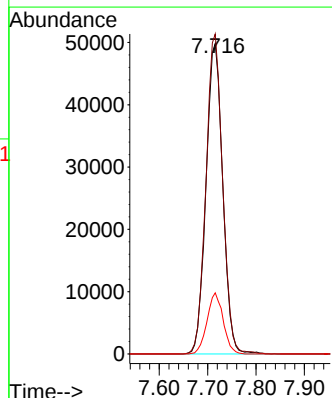
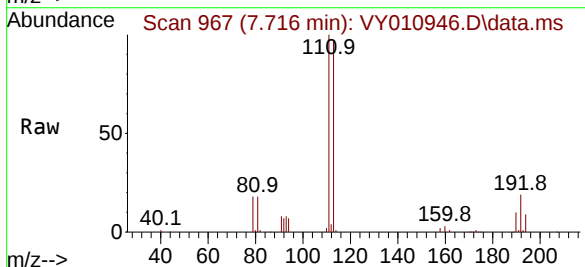
Tgt Ion:113 Resp: 119660

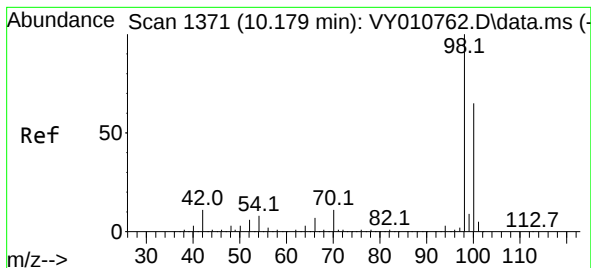
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.0 17.6 26.4

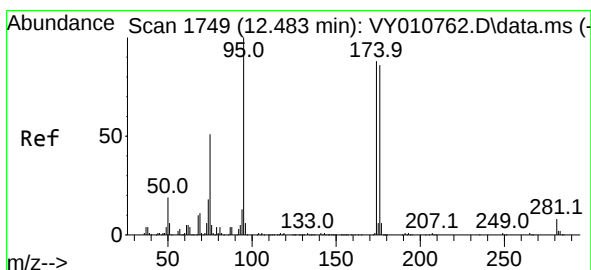
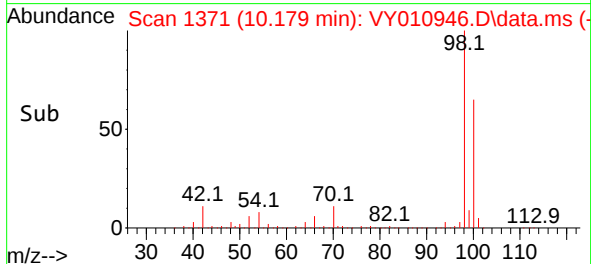
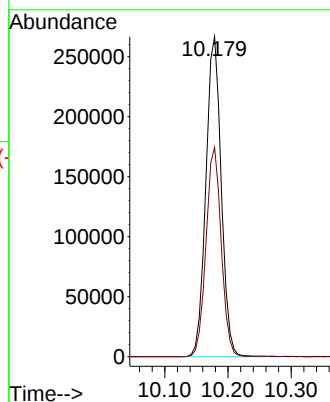
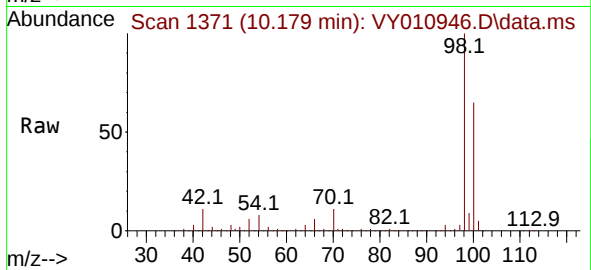




#50
Toluene-d8
Concen: 58.932 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

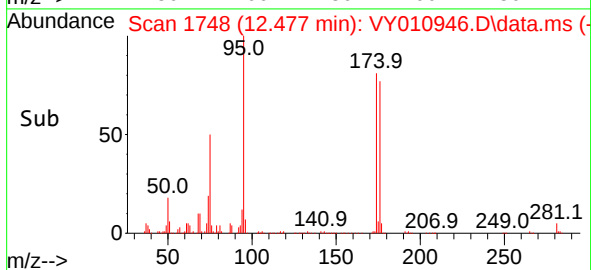
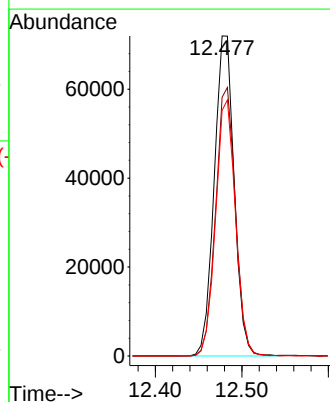
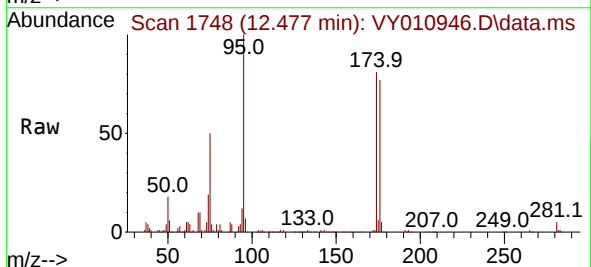
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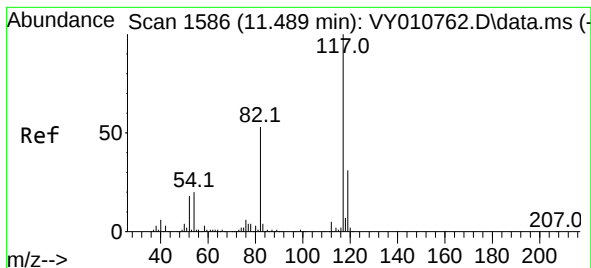
Tgt Ion: 98 Resp: 450261
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.682 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Tgt Ion: 95 Resp: 115185
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 79.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010946.D

Acq: 12 Oct 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

CL-1-101122

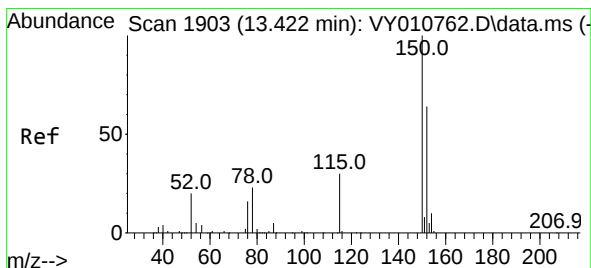
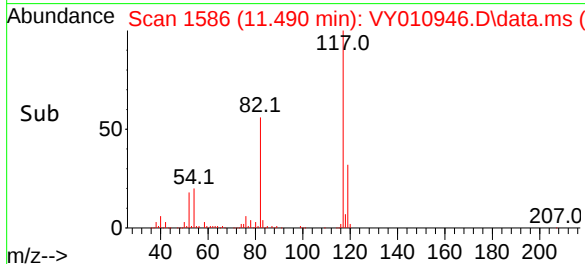
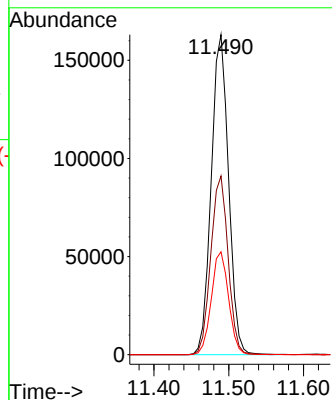
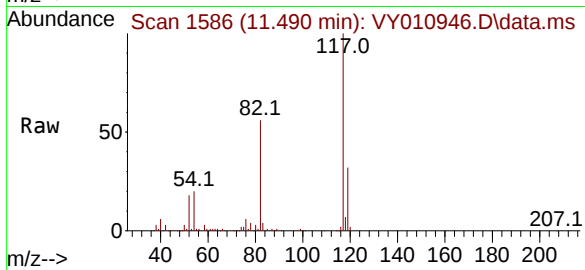
Tgt Ion:117 Resp: 262318

Ion Ratio Lower Upper

117 100

82 55.9 43.0 64.4

119 32.1 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: VY010946.D

Acq: 12 Oct 2022 16:48

Tgt Ion:152 Resp: 93523

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 157.2 0.0 347.6

