

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010481.D
 Acq On : 14 Sep 2022 13:39
 Operator : KP/MD
 Sample : N4572-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Quant Time: Sep 14 15:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

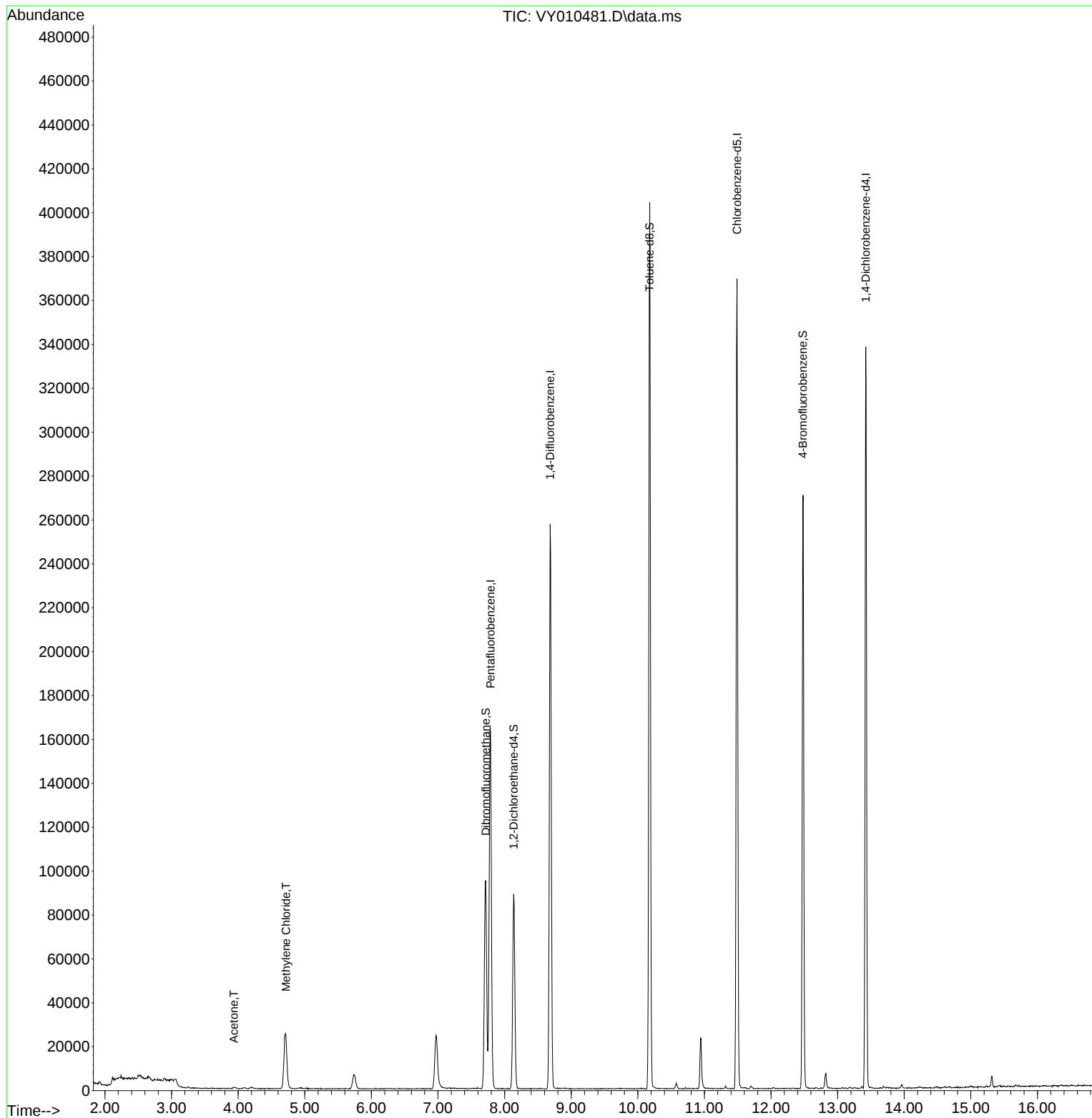
Internal Standards						
1) Pentafluorobenzene	7.789	168	132332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69489	52.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.280%	
35) Dibromofluoromethane	7.716	113	69069	43.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.820%	
50) Toluene-d8	10.179	98	266758	51.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.477	95	82814	39.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.360%	
Target Compounds						Qvalue
16) Acetone	3.936	43	1482	4.845	ug/l	94
20) Methylene Chloride	4.716	84	19613	7.388	ug/l #	82

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

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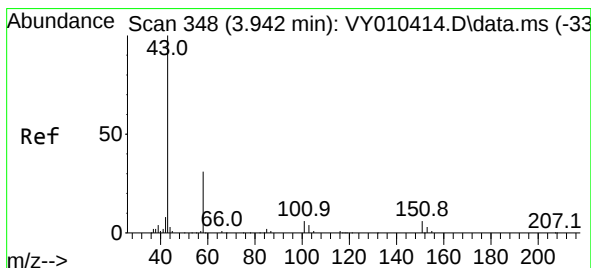
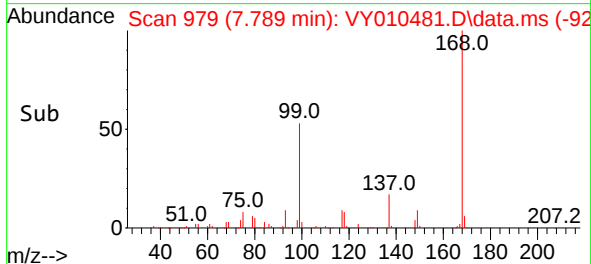
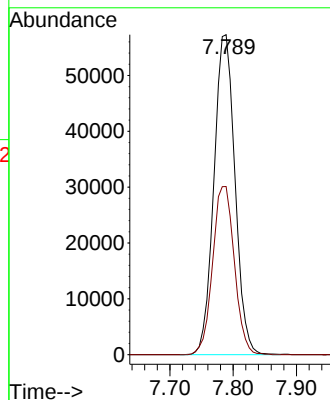
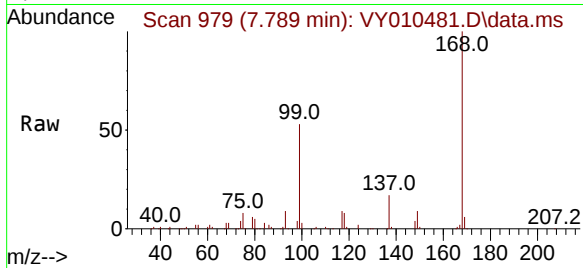




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

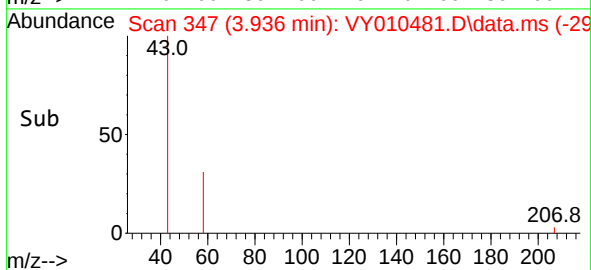
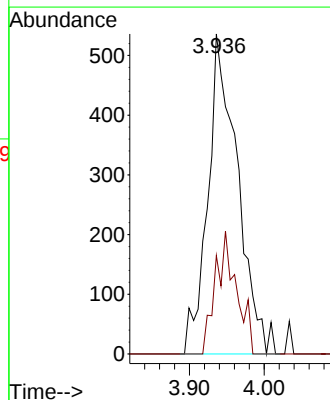
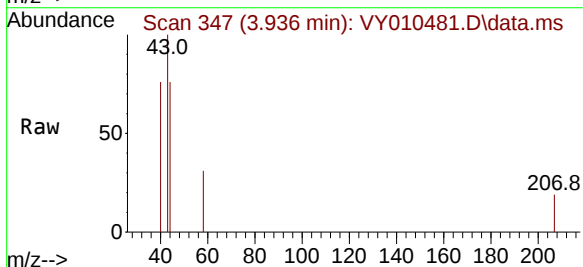
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

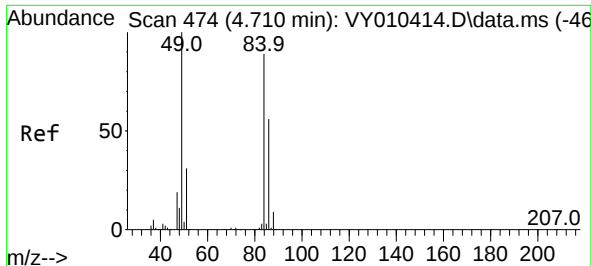
Tgt Ion:168 Resp: 132332
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 4.845 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0

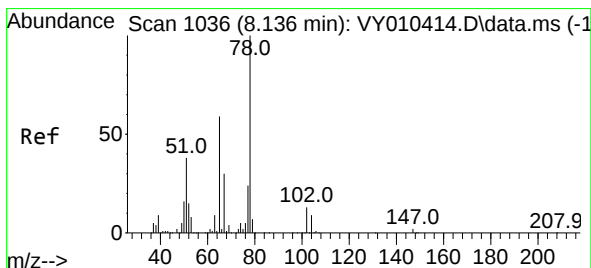
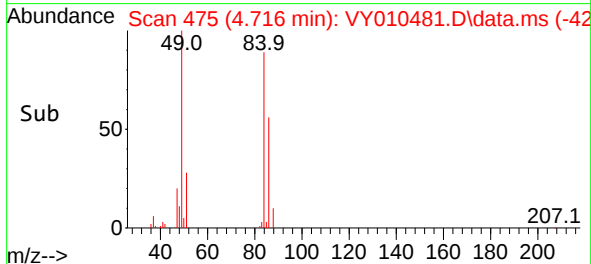
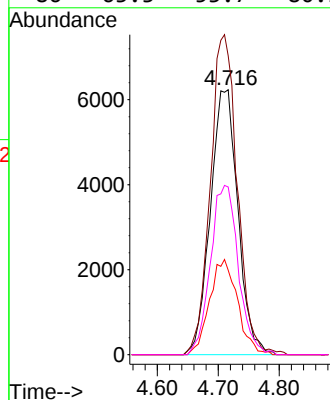
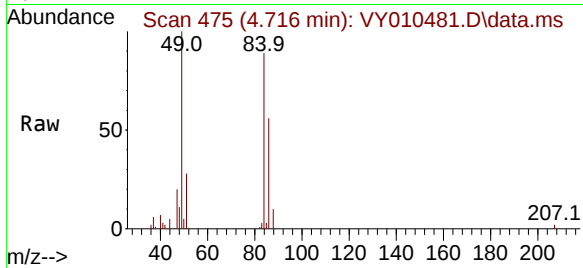




#20
Methylene Chloride
Concen: 7.388 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

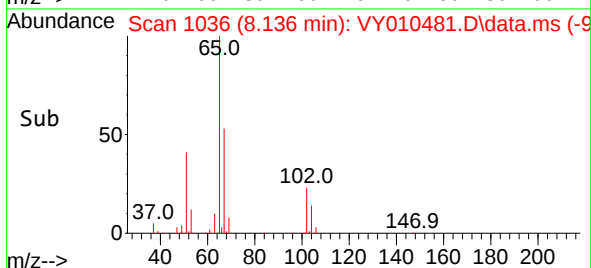
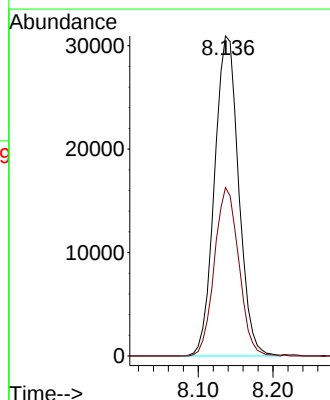
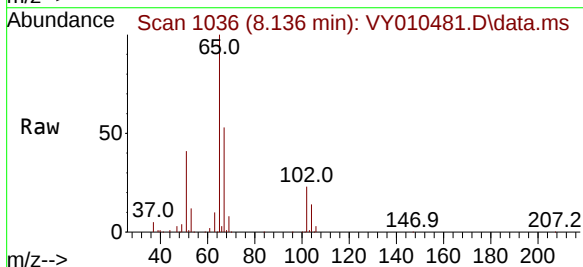
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

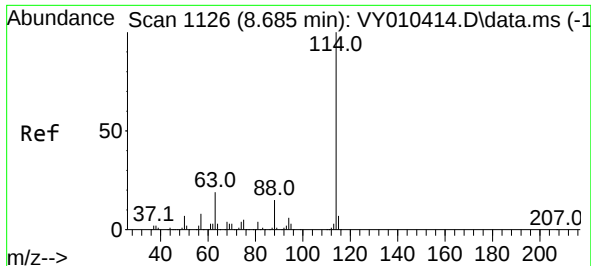
Tgt Ion: 84 Resp: 19613
Ion Ratio Lower Upper
84 100
49 112.8 114.4 171.6#
51 31.9 35.3 52.9#
86 63.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 52.138 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion: 65 Resp: 69489
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. 0.000 min

Lab File: VY010481.D

Acq: 14 Sep 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

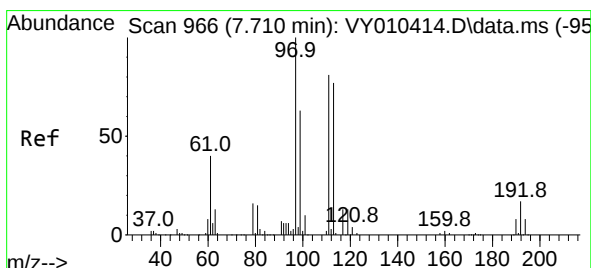
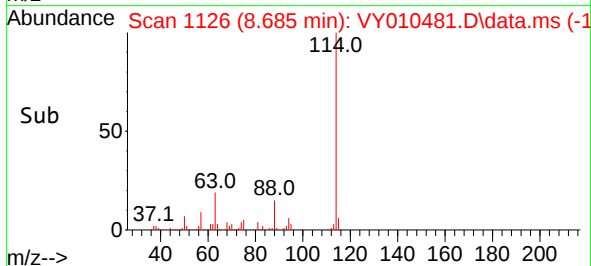
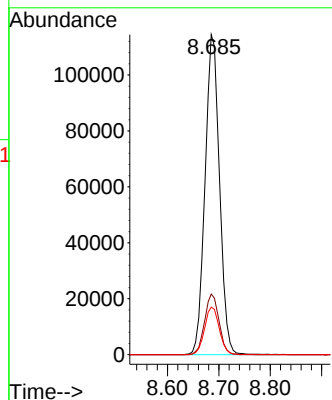
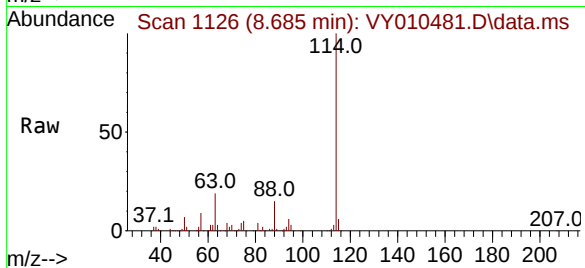
Tgt Ion:114 Resp: 224039

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.408 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010481.D

Acq: 14 Sep 2022 13:39

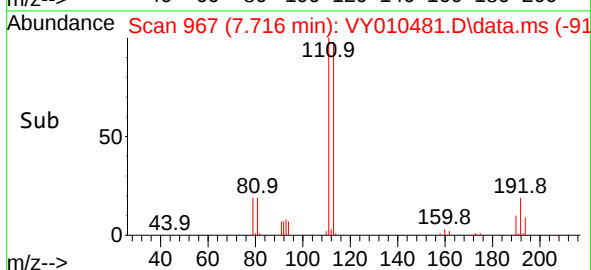
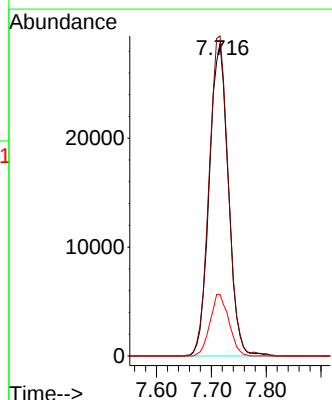
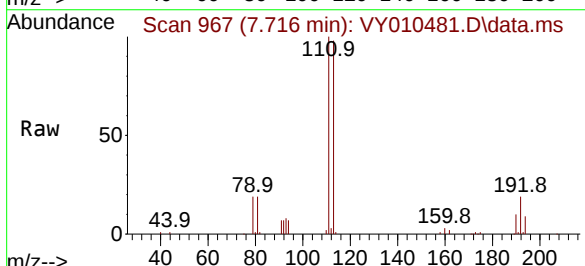
Tgt Ion:113 Resp: 69069

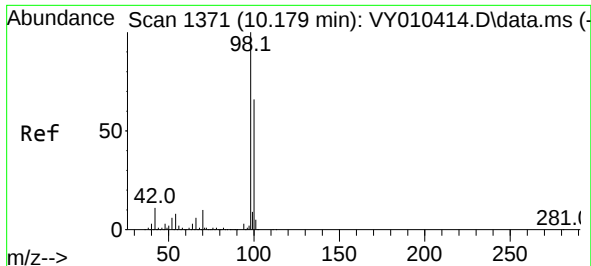
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.5 17.6 26.4

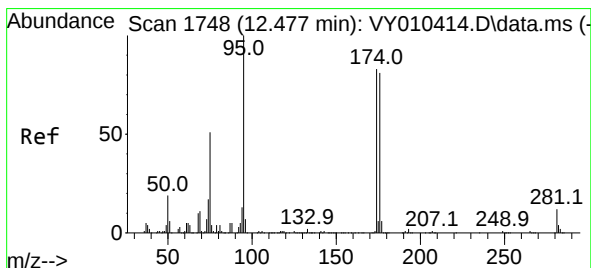
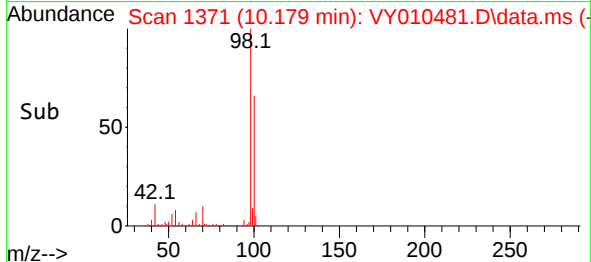
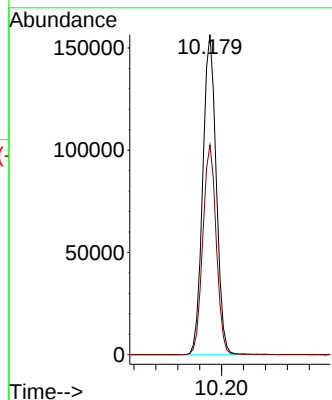
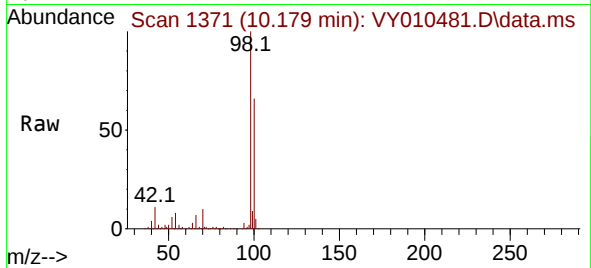




#50
Toluene-d8
Concen: 51.730 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

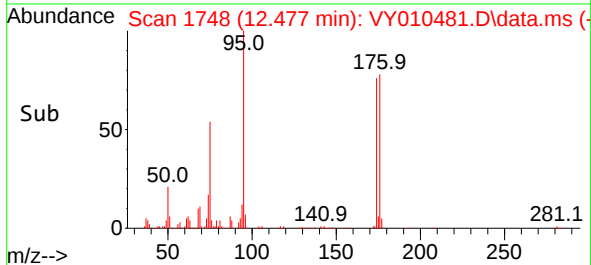
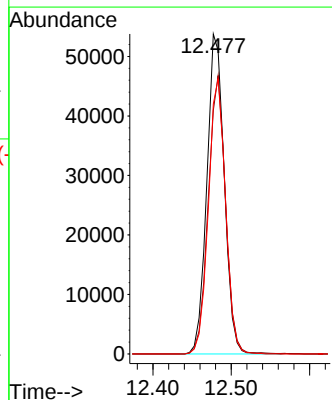
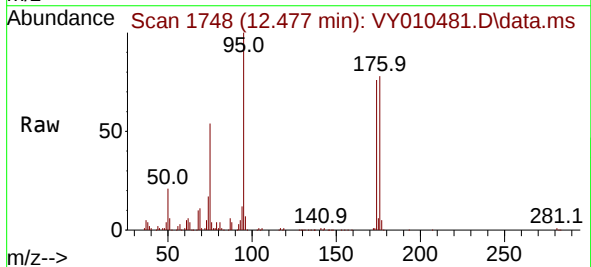
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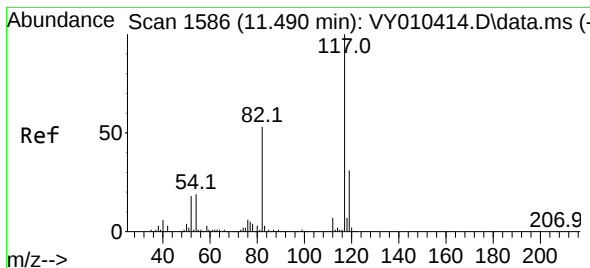
Tgt Ion: 98 Resp: 266758
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.183 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion: 95 Resp: 82814
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 84.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010481.D

Acq: 14 Sep 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

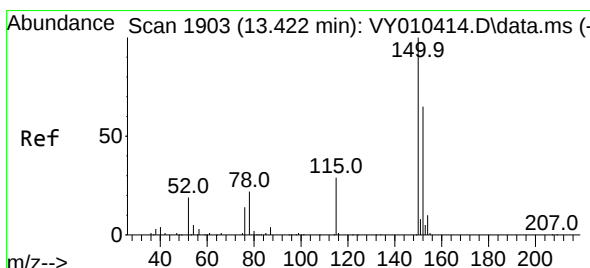
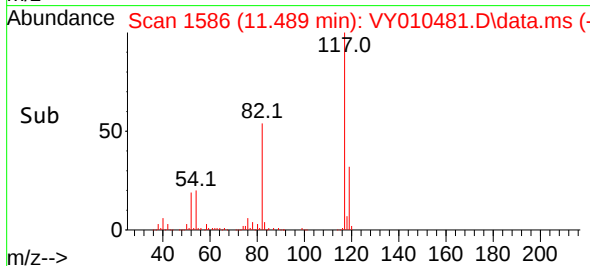
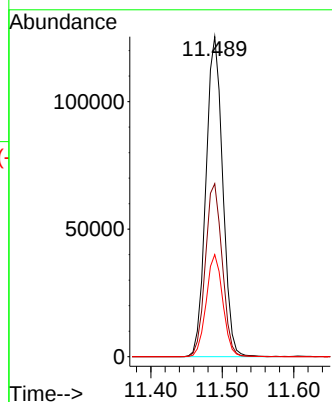
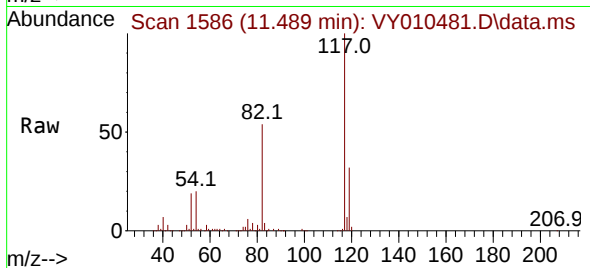
Tgt Ion:117 Resp: 204243

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 31.9 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: VY010481.D

Acq: 14 Sep 2022 13:39

Tgt Ion:152 Resp: 87627

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 158.8 0.0 347.6

