

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010635.D
 Acq On : 22 Sep 2022 20:10
 Operator : KP/MD
 Sample : N4723-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-6.5-7.0

Quant Time: Sep 23 09:05:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

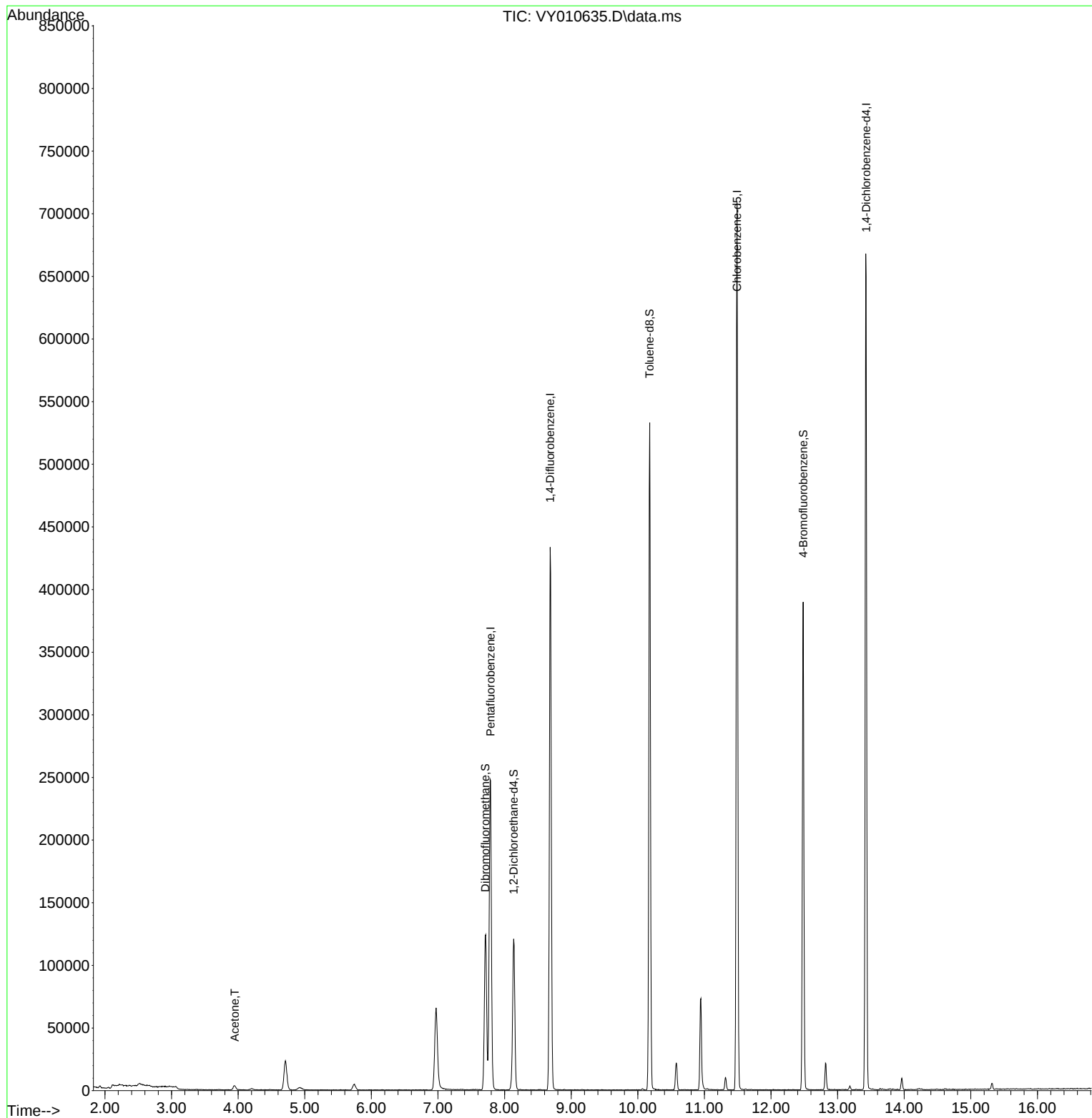
Internal Standards						
1) Pentafluorobenzene	7.789	168	195511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	375506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93169	49.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.640%
35) Dibromofluoromethane	7.710	113	89838	37.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.920%
50) Toluene-d8	10.179	98	342974	39.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.780%
62) 4-Bromofluorobenzene	12.483	95	109416	32.777	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.560%
Target Compounds						
16) Acetone	3.948	43	6480	16.992	ug/l	Qvalue # 88

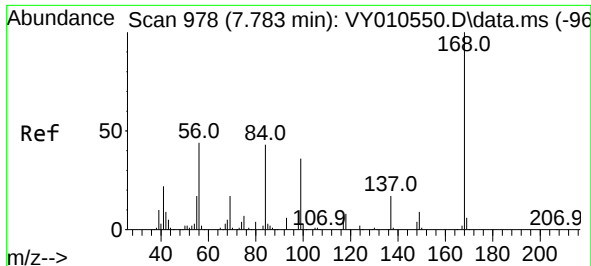
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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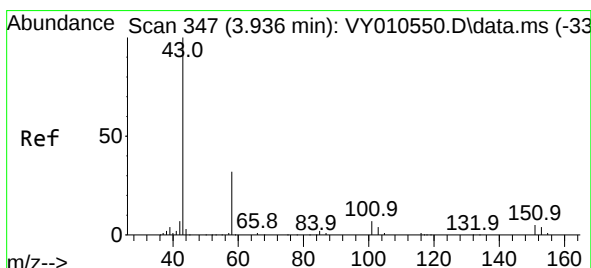
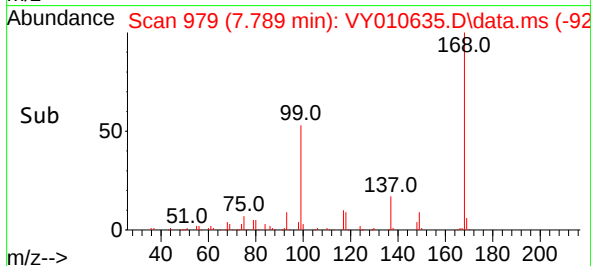
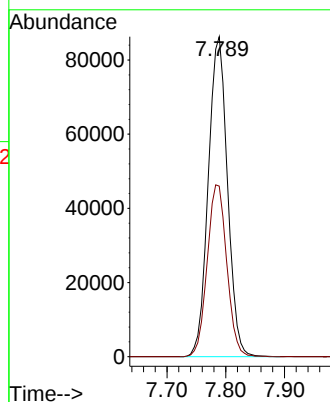
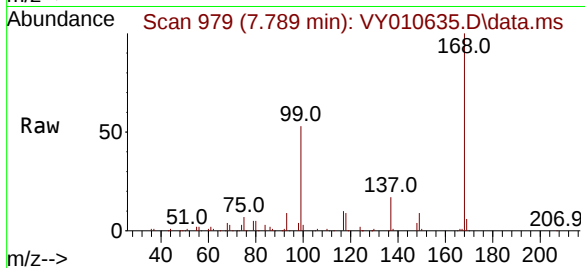




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

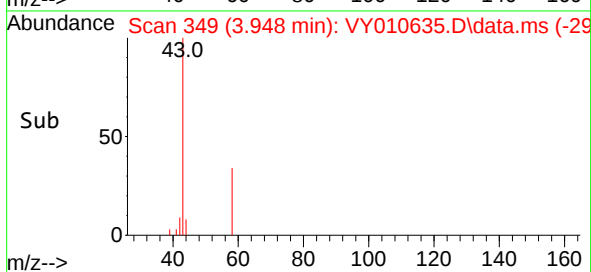
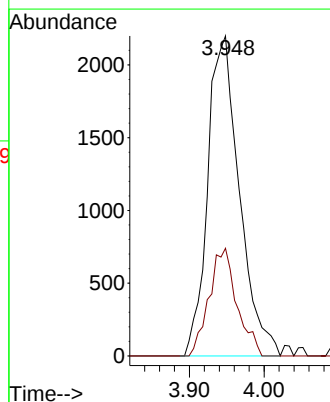
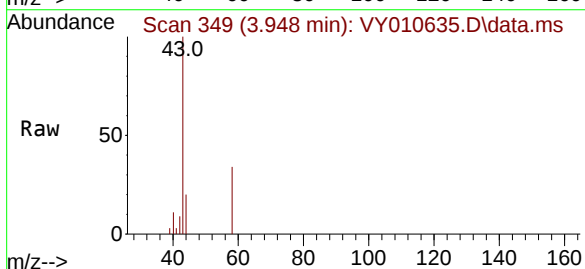
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

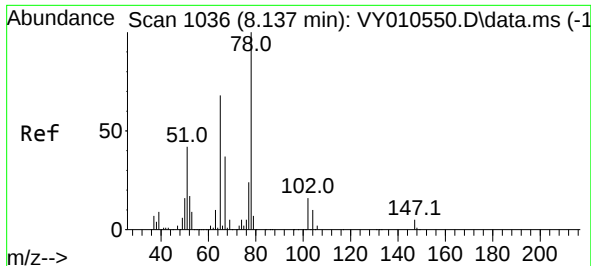
Tgt Ion:168 Resp: 195511
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 16.992 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 43 Resp: 6480
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 49.823 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010635.D

Acq: 22 Sep 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

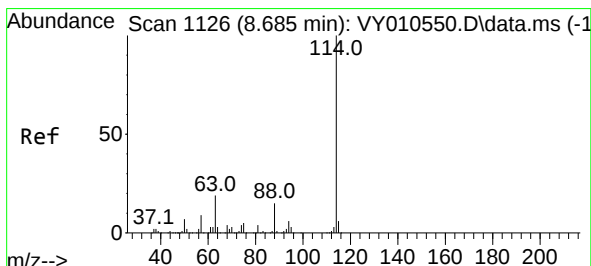
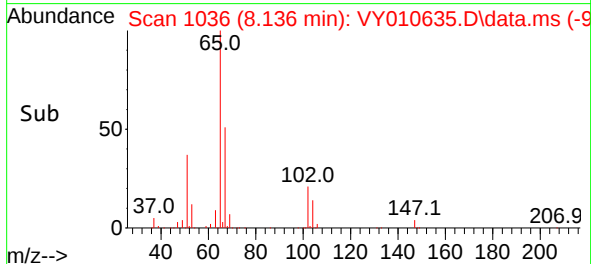
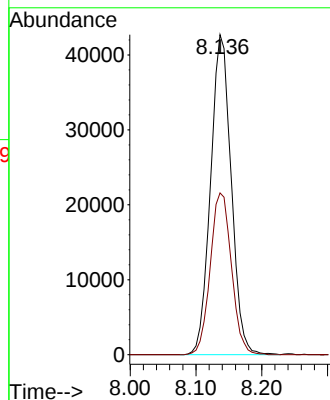
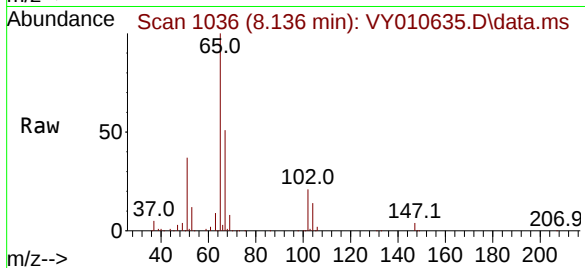
SB-16-6.5-7.0

Tgt Ion: 65 Resp: 93169

Ion Ratio Lower Upper

65 100

67 52.0 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: VY010635.D

Acq: 22 Sep 2022 20:10

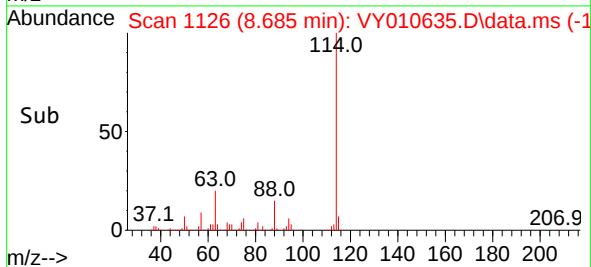
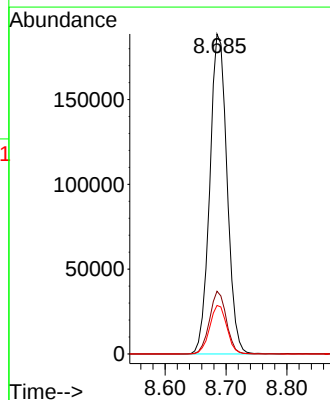
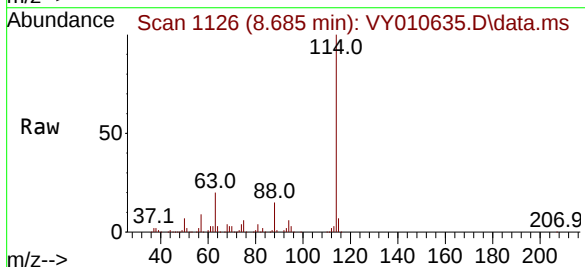
Tgt Ion: 114 Resp: 370830

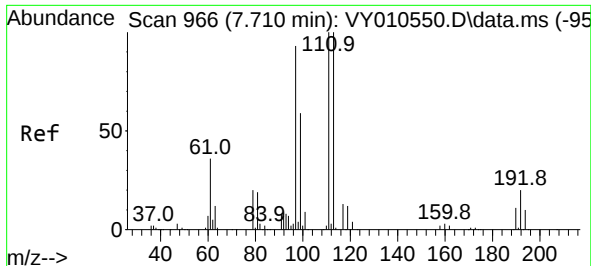
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.2 0.0 31.8

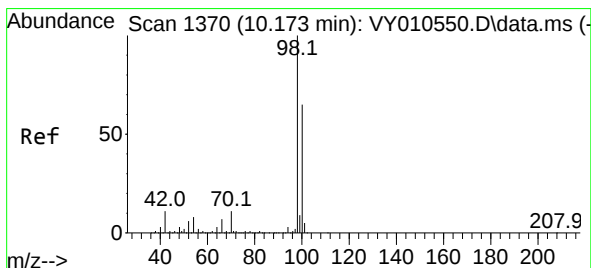
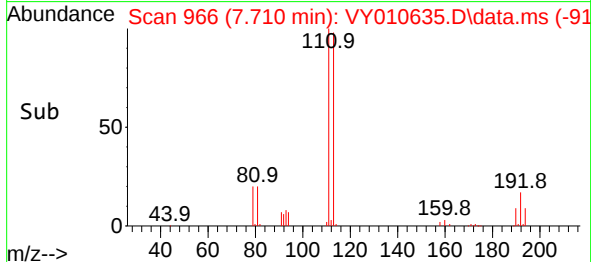
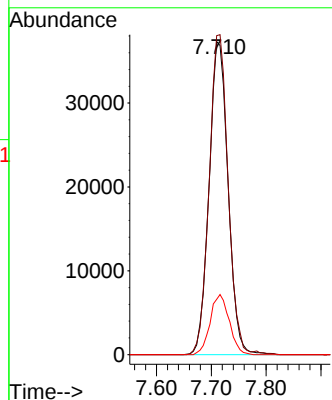
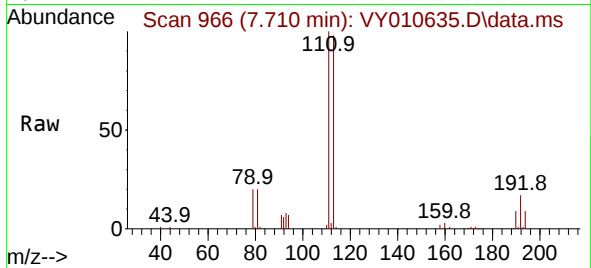




#35
Dibromofluoromethane
Concen: 37.960 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

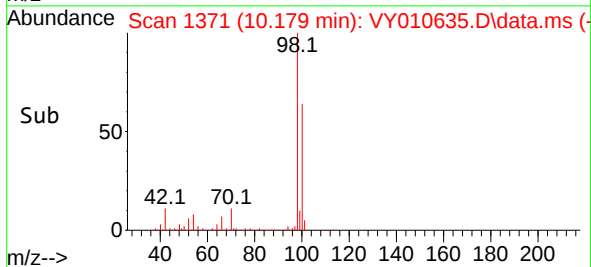
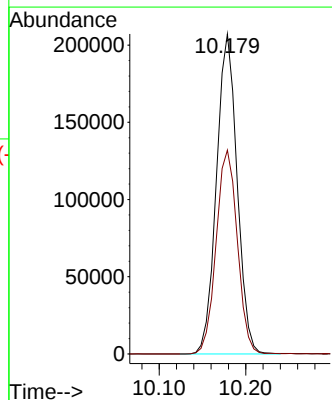
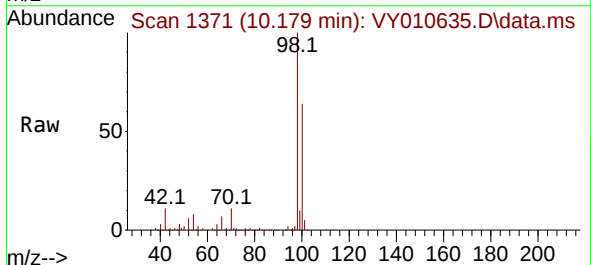
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

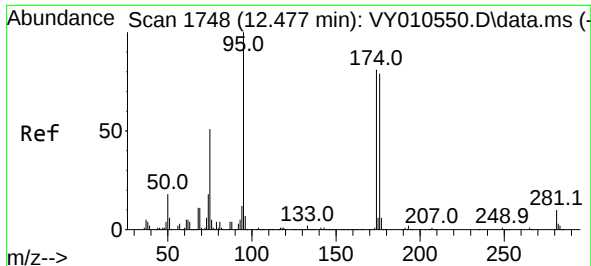
Tgt Ion:113 Resp: 89838
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 39.886 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 98 Resp: 342974
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 32.777 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010635.D

Acq: 22 Sep 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-6.5-7.0

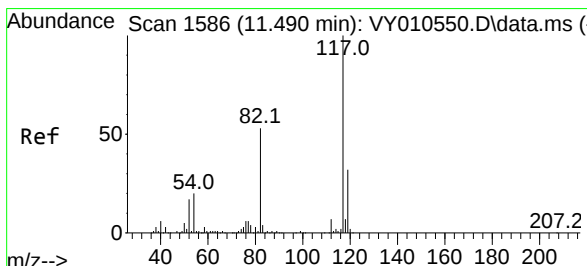
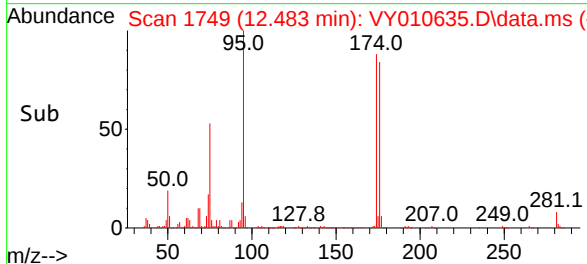
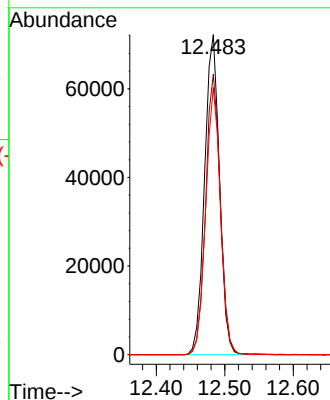
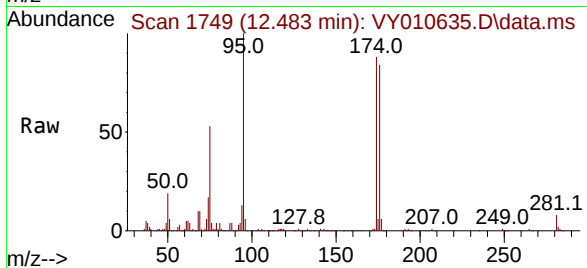
Tgt Ion: 95 Resp: 109416

Ion Ratio Lower Upper

95 100

174 86.6 0.0 177.0

176 82.7 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: VY010635.D

Acq: 22 Sep 2022 20:10

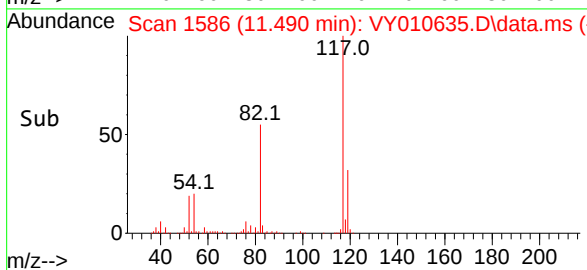
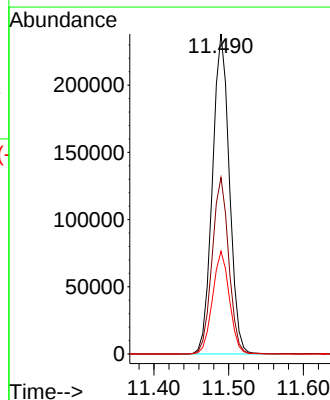
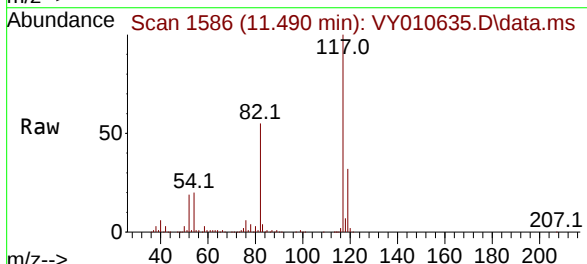
Tgt Ion: 117 Resp: 375506

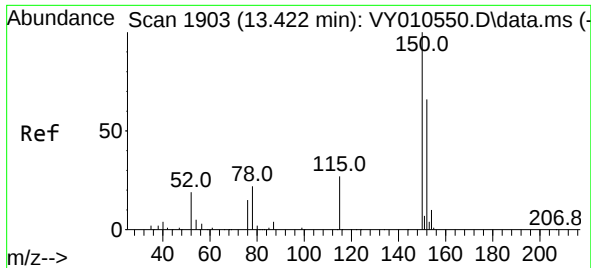
Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.4

119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010635.D

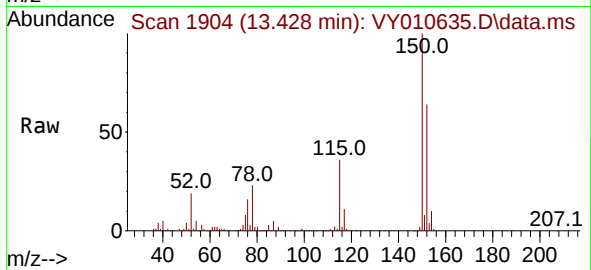
Acq: 22 Sep 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-6.5-7.0



Tgt Ion:152 Resp: 173158

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 156.6 0.0 347.6

