

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010677.D
 Acq On : 26 Sep 2022 17:36
 Operator : KP/MD
 Sample : N4724-13
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-12.5-13.0

Quant Time: Sep 27 06:27:58 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)

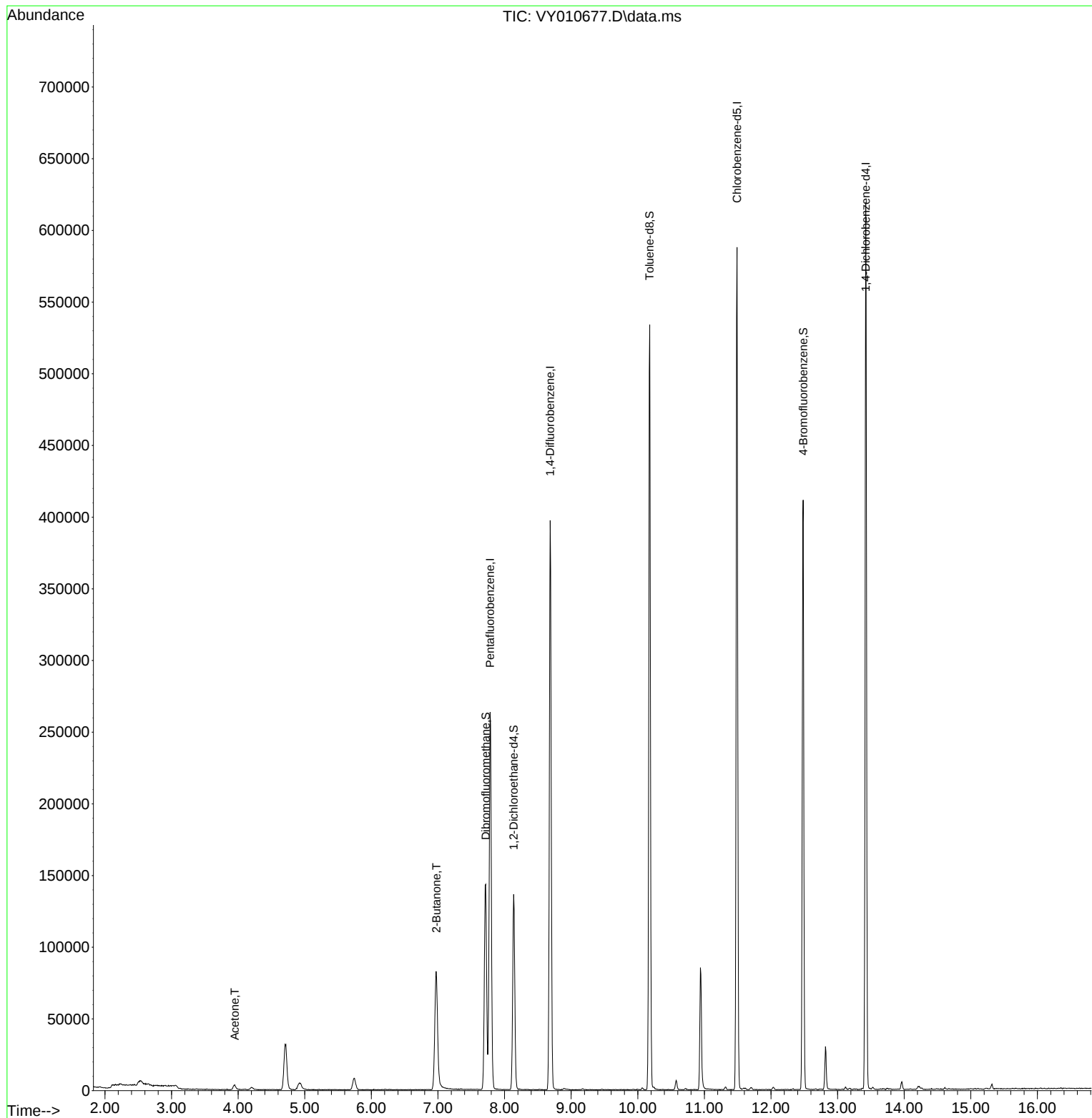
Internal Standards						
1) Pentafluorobenzene	7.783	168	201552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	313646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	103589	53.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.460%
35) Dibromofluoromethane	7.716	113	102712	48.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.179	98	344865	44.040	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.080%
62) 4-Bromofluorobenzene	12.483	95	124520	42.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.060%
Target Compounds						Qvalue
16) Acetone	3.948	43	6265	15.936	ug/l	96
25) 2-Butanone	6.978	43	5047	8.208	ug/l #	85

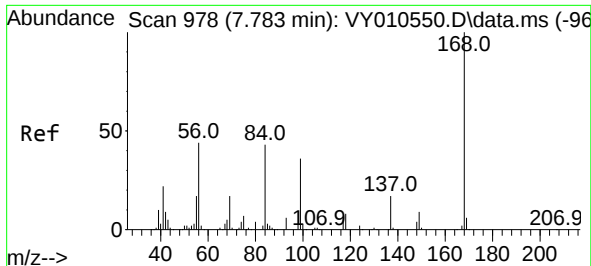
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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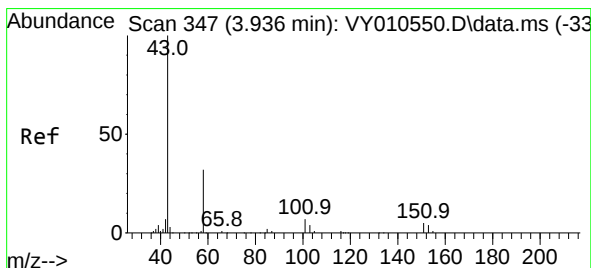
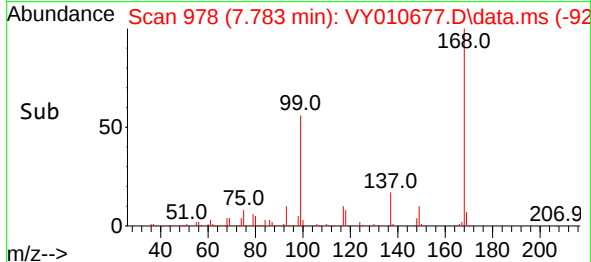
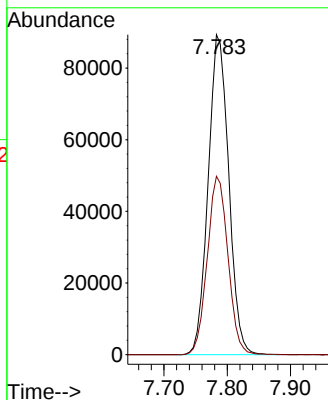
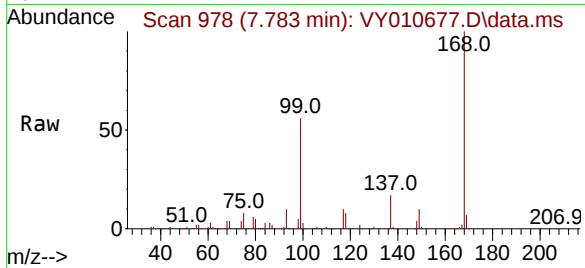




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010677.D
Acq: 26 Sep 2022 17:36

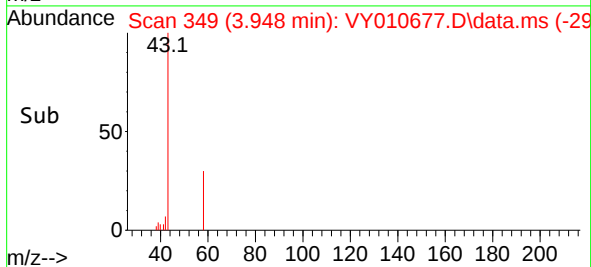
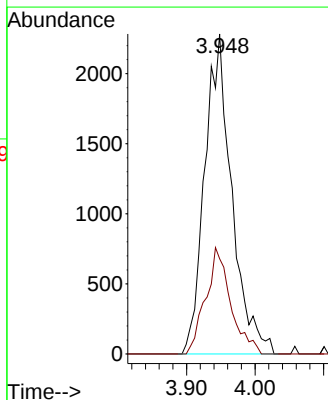
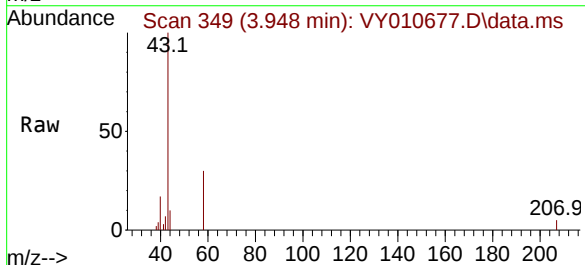
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12.5-13.0

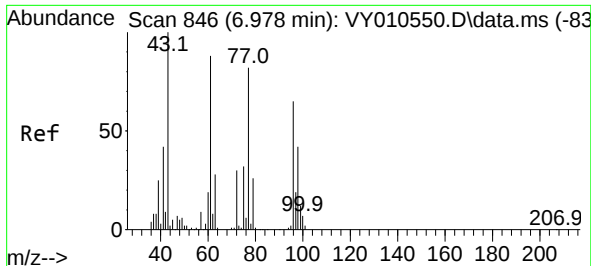
Tgt Ion:168 Resp: 201552
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 15.936 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010677.D
Acq: 26 Sep 2022 17:36

Tgt Ion: 43 Resp: 6265
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0

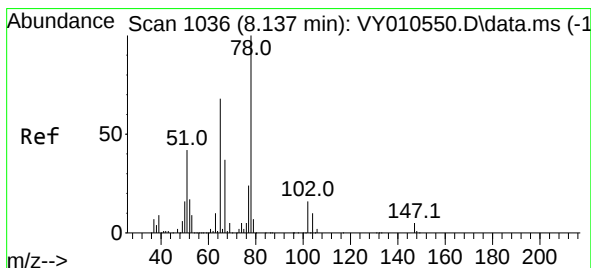
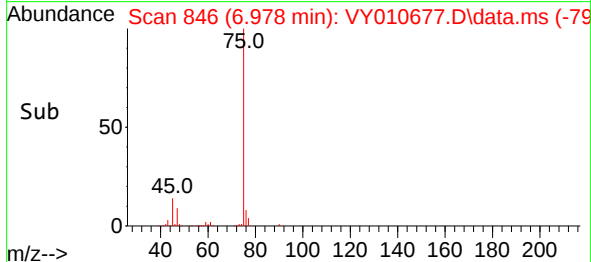
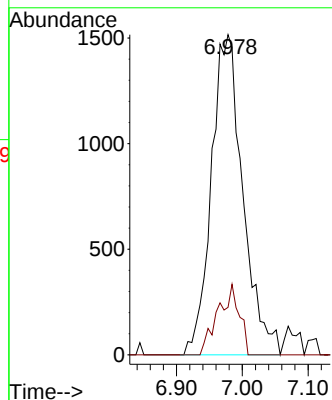
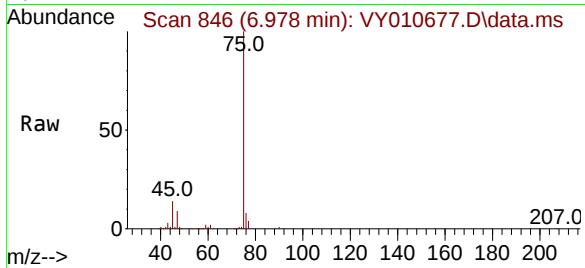




#25
2-Butanone
Concen: 8.208 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010677.D
Acq: 26 Sep 2022 17:36

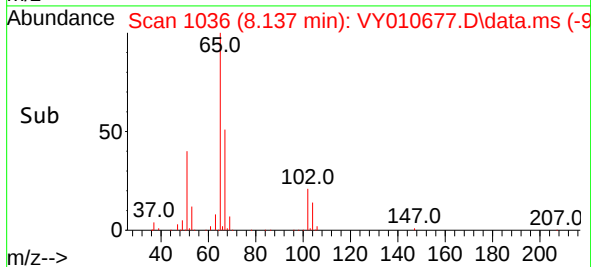
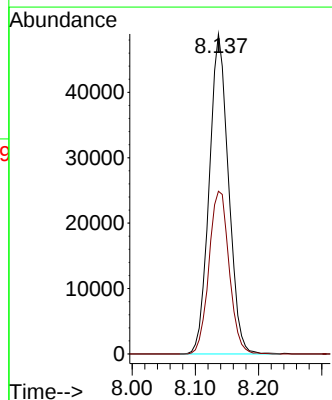
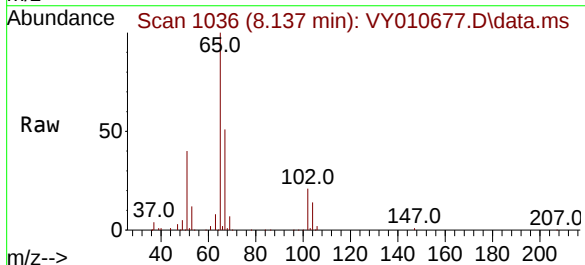
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12.5-13.0

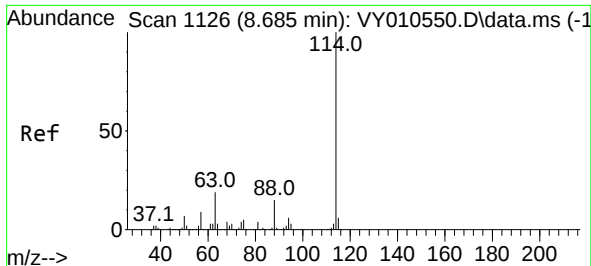
Tgt Ion: 43 Resp: 5047
Ion Ratio Lower Upper
43 100
72 14.8 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 53.734 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010677.D
Acq: 26 Sep 2022 17:36

Tgt Ion: 65 Resp: 103589
Ion Ratio Lower Upper
65 100
67 53.2 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: VY010677.D

Acq: 26 Sep 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-12.5-13.0

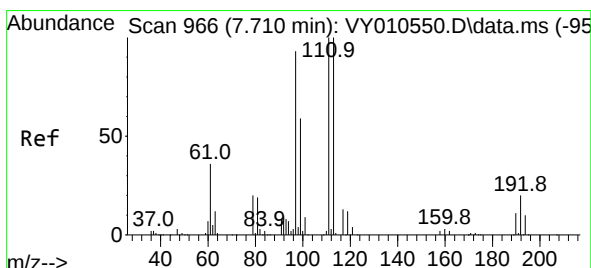
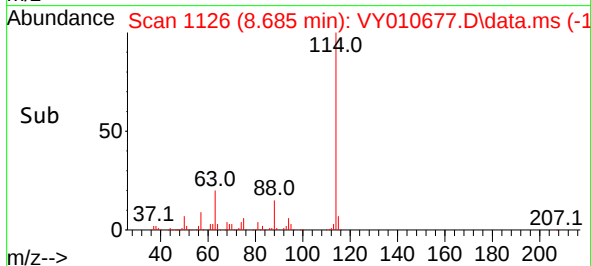
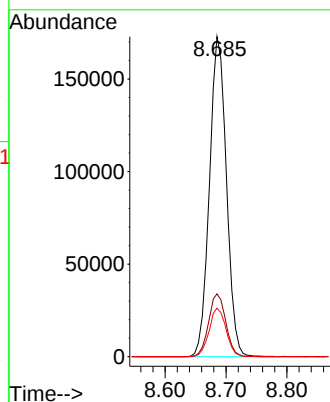
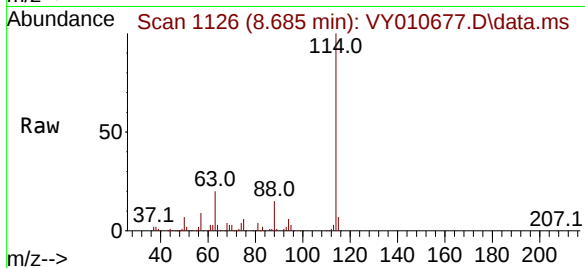
Tgt Ion:114 Resp: 335020

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.039 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010677.D

Acq: 26 Sep 2022 17:36

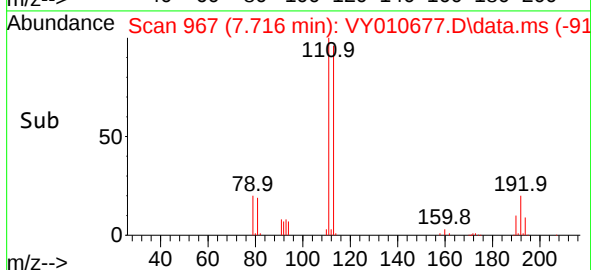
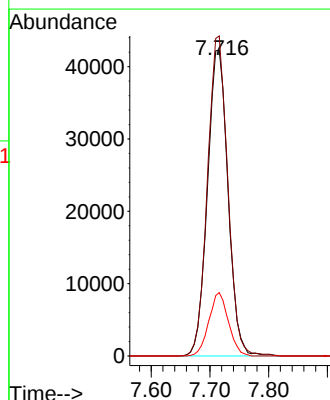
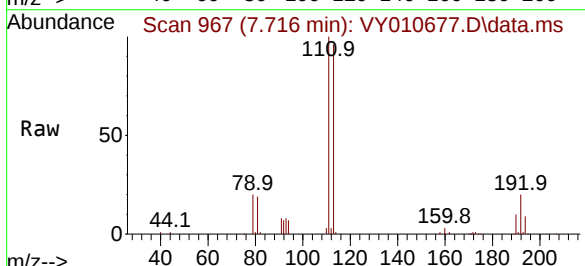
Tgt Ion:113 Resp: 102712

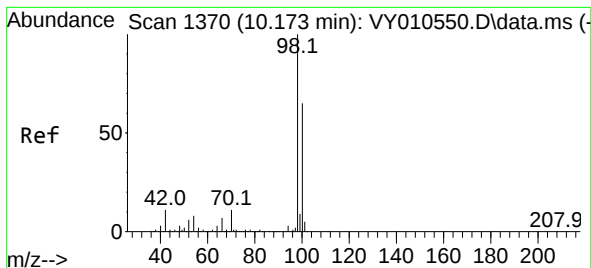
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.8 17.6 26.4





#50

Toluene-d8

Concen: 44.040 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010677.D

Acq: 26 Sep 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

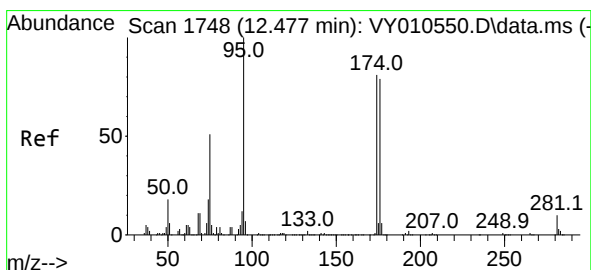
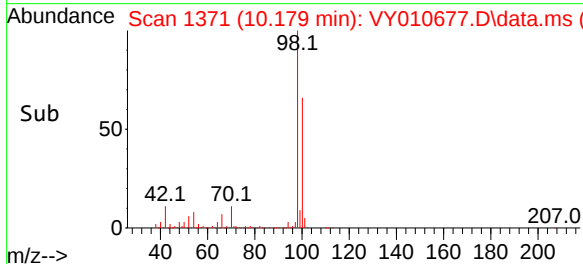
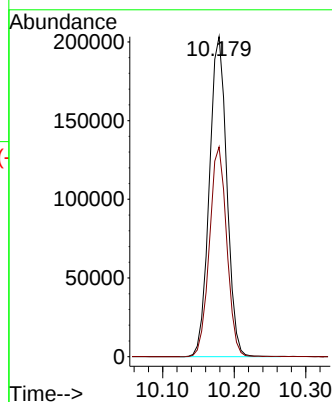
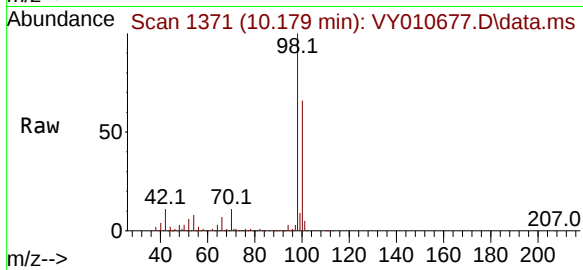
SB-04-12.5-13.0

Tgt Ion: 98 Resp: 344865

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 42.030 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010677.D

Acq: 26 Sep 2022 17:36

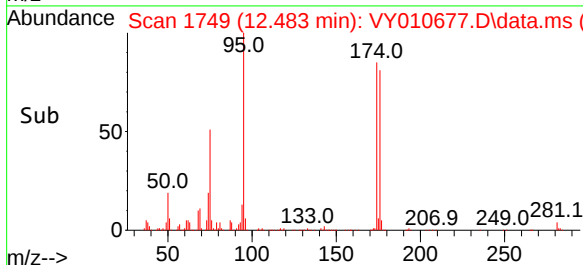
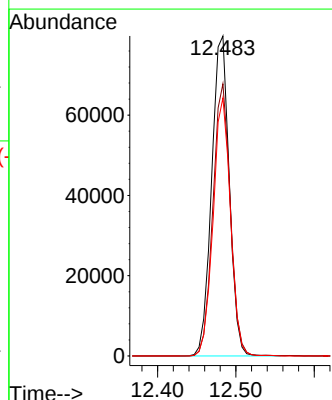
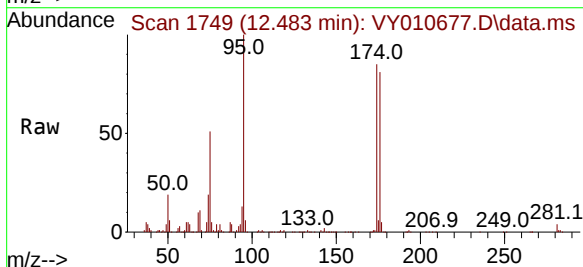
Tgt Ion: 95 Resp: 124520

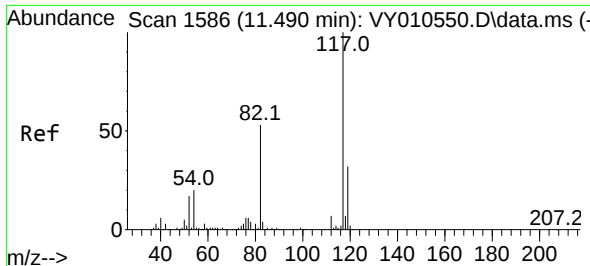
Ion Ratio Lower Upper

95 100

174 84.3 0.0 177.0

176 79.4 0.0 175.8

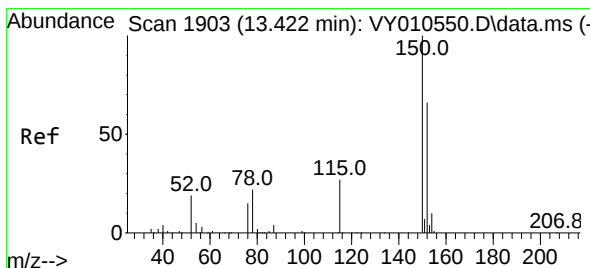
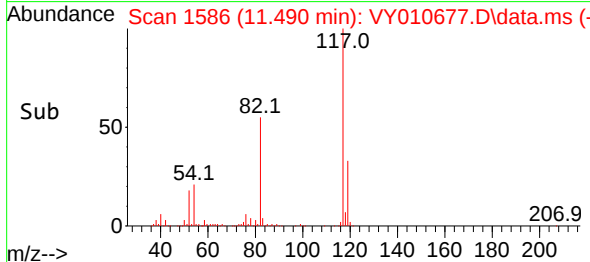
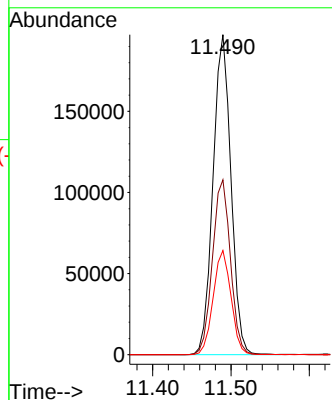
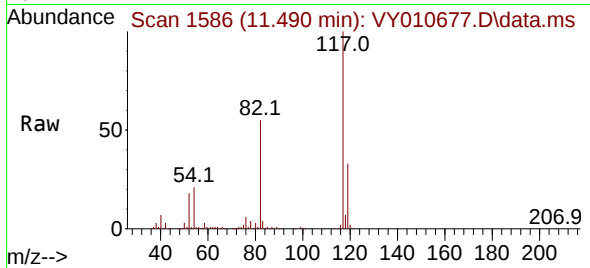




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010677.D
Acq: 26 Sep 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12.5-13.0

Tgt Ion:117 Resp: 313646
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.6 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: VY010677.D
Acq: 26 Sep 2022 17:36

Tgt Ion:152 Resp: 153310
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 156.7 0.0 347.6

