

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010629.D
 Acq On : 22 Sep 2022 17:49
 Operator : KP/MD
 Sample : N4723-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-6.5-7.0

Quant Time: Sep 23 09:04:34 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)

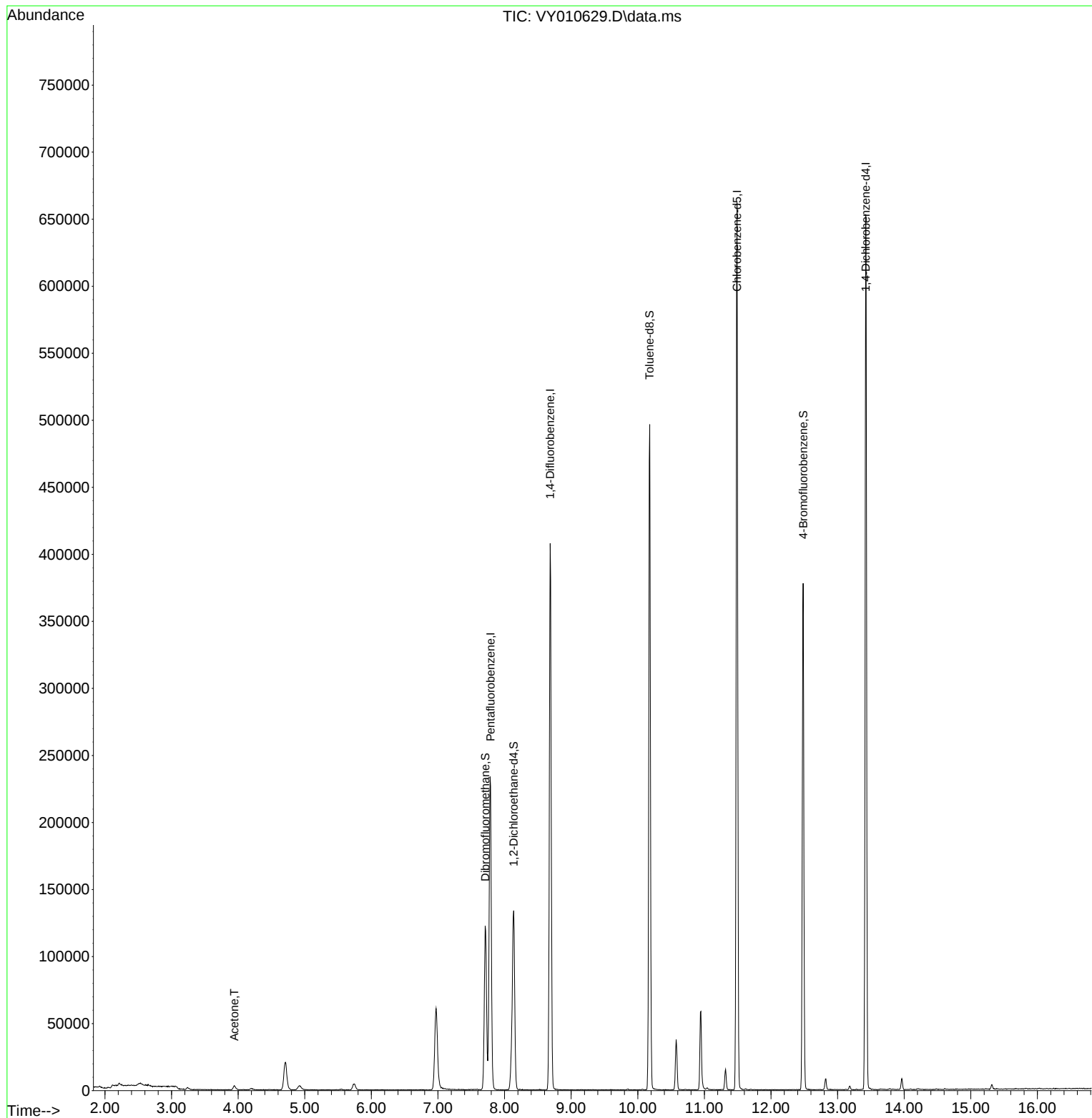
Internal Standards						
1) Pentafluorobenzene	7.789	168	183209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95191	54.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.640%
35) Dibromofluoromethane	7.710	113	85765	38.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.180%
50) Toluene-d8	10.179	98	326892	40.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.880%
62) 4-Bromofluorobenzene	12.483	95	108539	34.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.580%
Target Compounds						Qvalue
16) Acetone	3.942	43	5316	14.876	ug/l	# 89

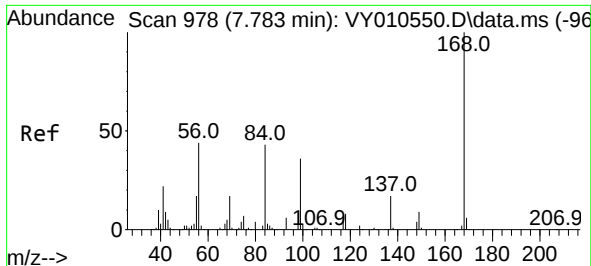
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
Data File : VY010629.D
Acq On : 22 Sep 2022 17:49
Operator : KP/MD
Sample : N4723-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-6.5-7.0

Quant Time: Sep 23 09:04:34 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

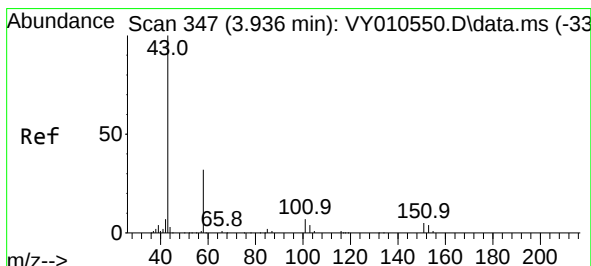
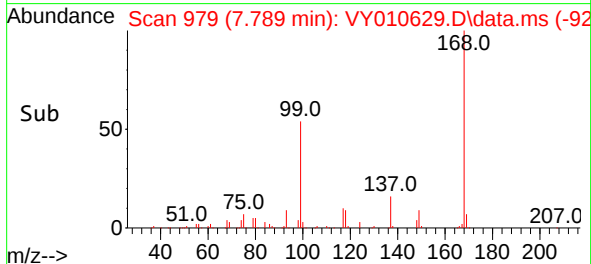
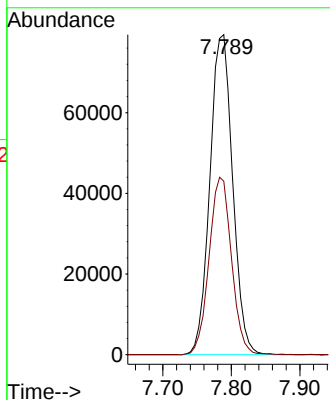
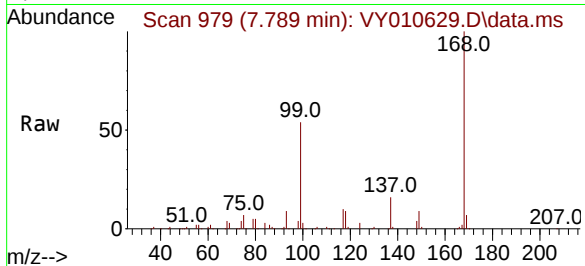




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010629.D
Acq: 22 Sep 2022 17:49

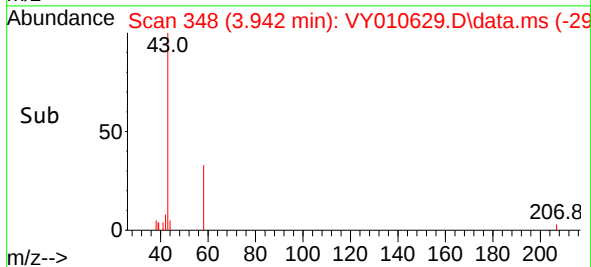
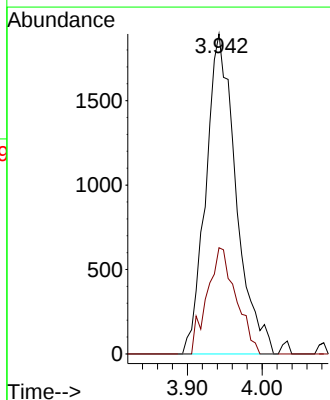
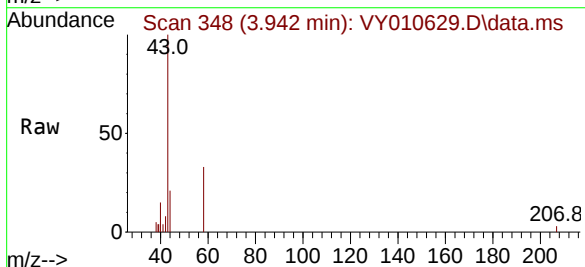
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-6.5-7.0

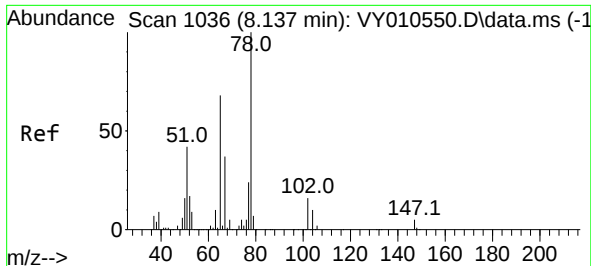
Tgt Ion:168 Resp: 183209
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 14.876 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010629.D
Acq: 22 Sep 2022 17:49

Tgt Ion: 43 Resp: 5316
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#

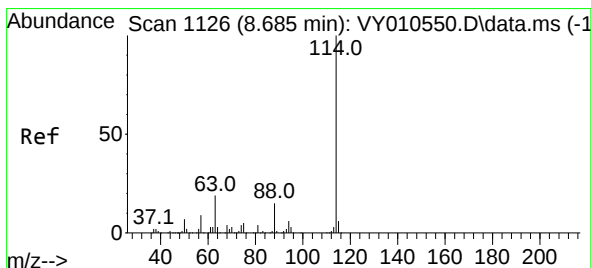
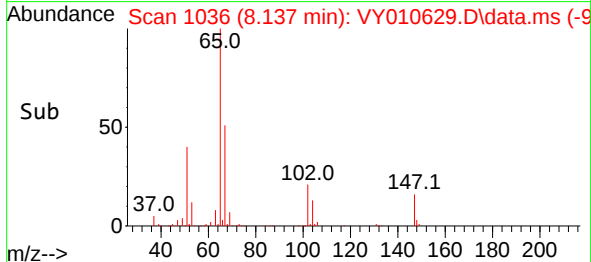
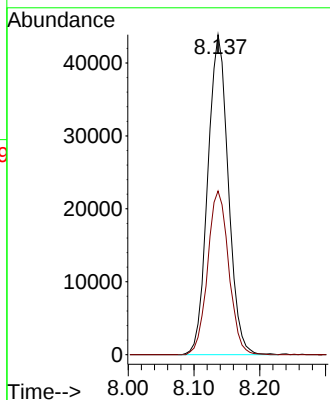
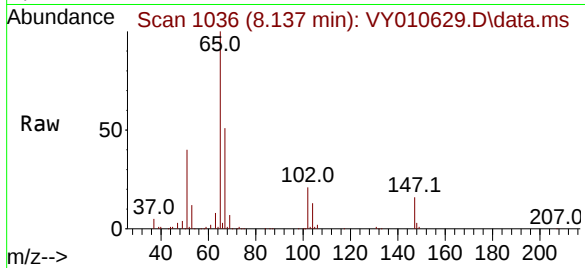




#33
1,2-Dichloroethane-d4
Concen: 54.322 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010629.D
Acq: 22 Sep 2022 17:49

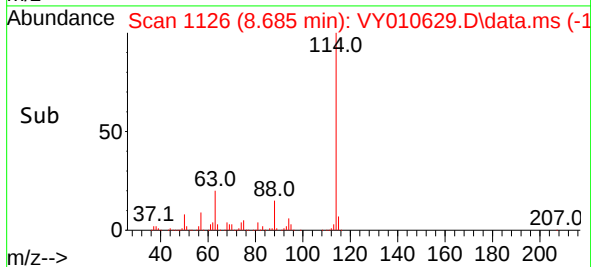
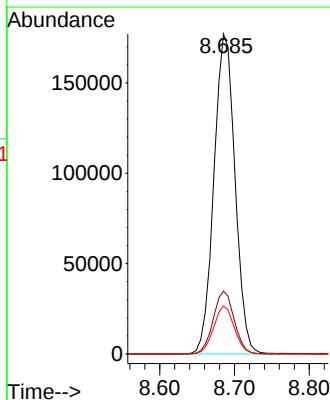
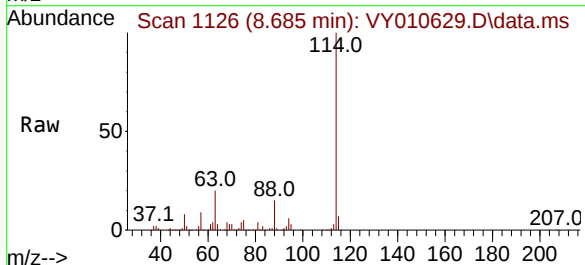
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-6.5-7.0

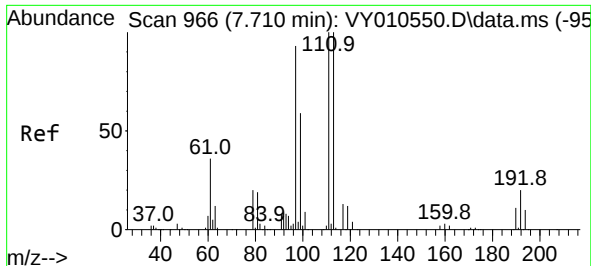
Tgt Ion: 65 Resp: 95191
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010629.D
Acq: 22 Sep 2022 17:49

Tgt Ion: 114 Resp: 348226
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 38.591 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY010629.D

Acq: 22 Sep 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-14-6.5-7.0

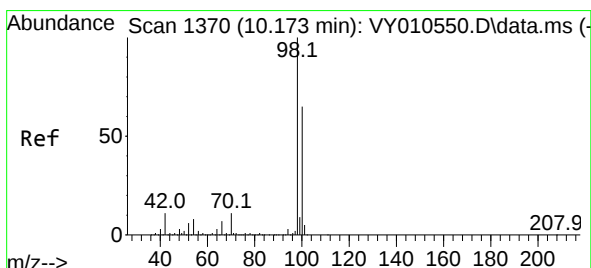
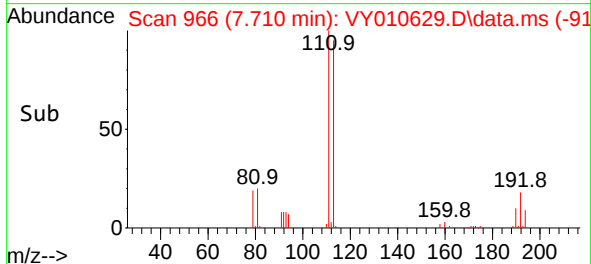
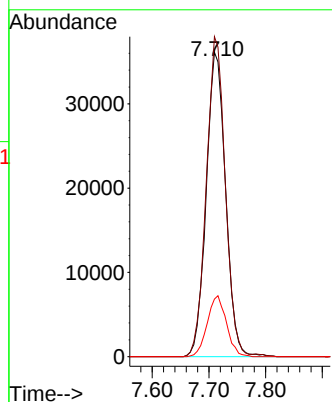
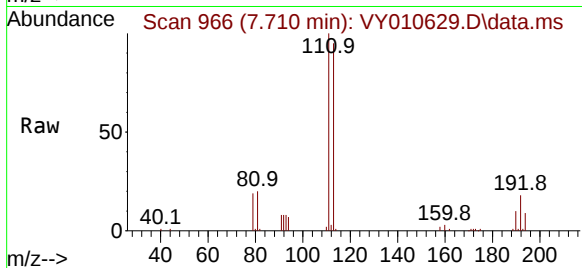
Tgt Ion:113 Resp: 85765

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.8 17.6 26.4



#50

Toluene-d8

Concen: 40.437 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010629.D

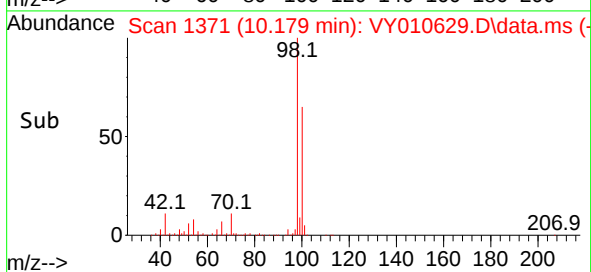
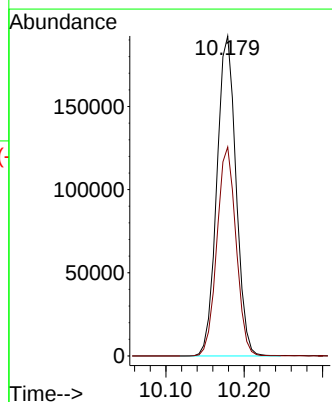
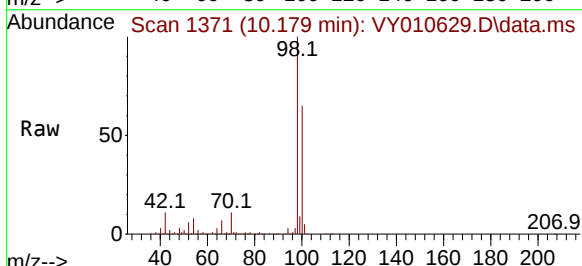
Acq: 22 Sep 2022 17:49

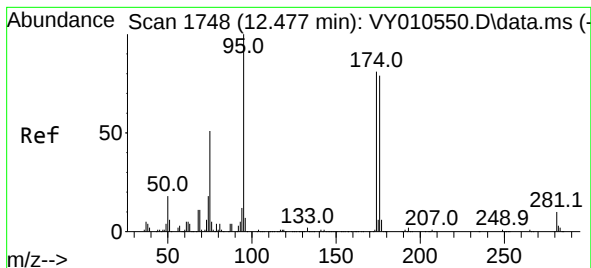
Tgt Ion: 98 Resp: 326892

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

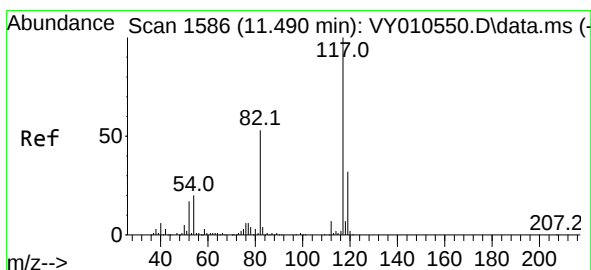
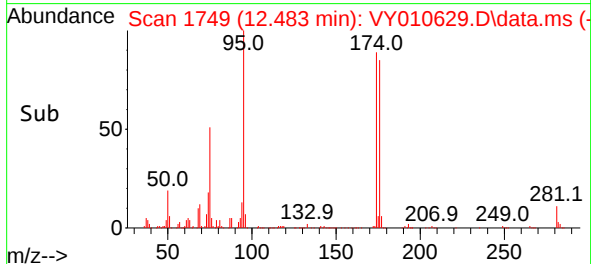
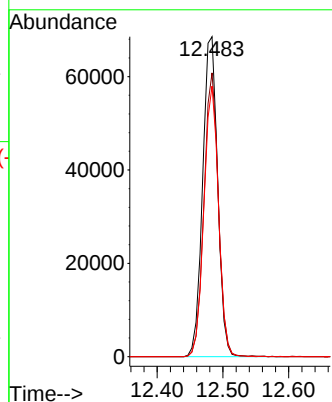
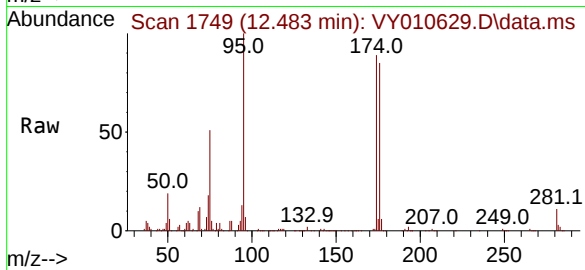




#62
4-Bromofluorobenzene
Concen: 34.785 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010629.D
Acq: 22 Sep 2022 17:49

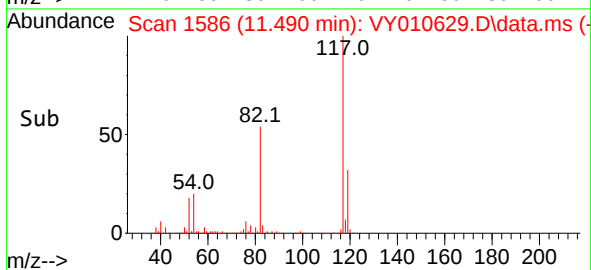
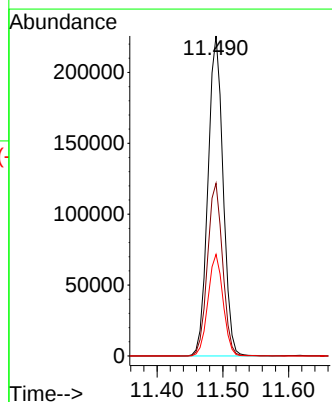
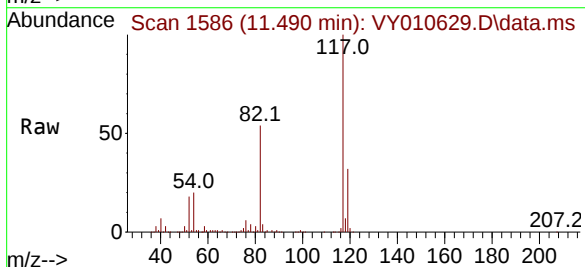
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-6.5-7.0

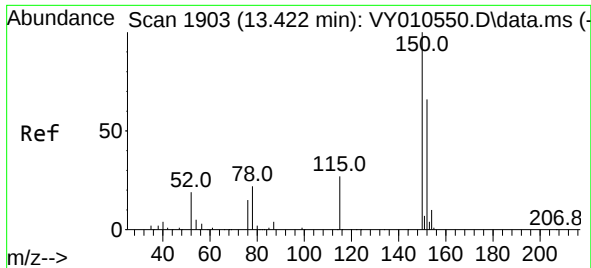
Tgt Ion: 95 Resp: 108539
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010629.D
Acq: 22 Sep 2022 17:49

Tgt Ion: 117 Resp: 360743
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.7 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: VY010629.D

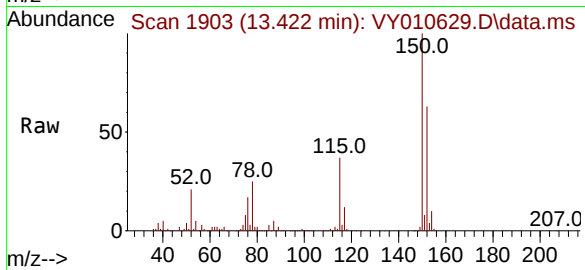
Acq: 22 Sep 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-14-6.5-7.0



Tgt Ion:152 Resp: 168519

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 157.4 0.0 347.6

