

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011416.D
 Acq On : 11 Nov 2022 14:17
 Operator : KP/MD
 Sample : N5530-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10

Quant Time: Nov 11 15:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

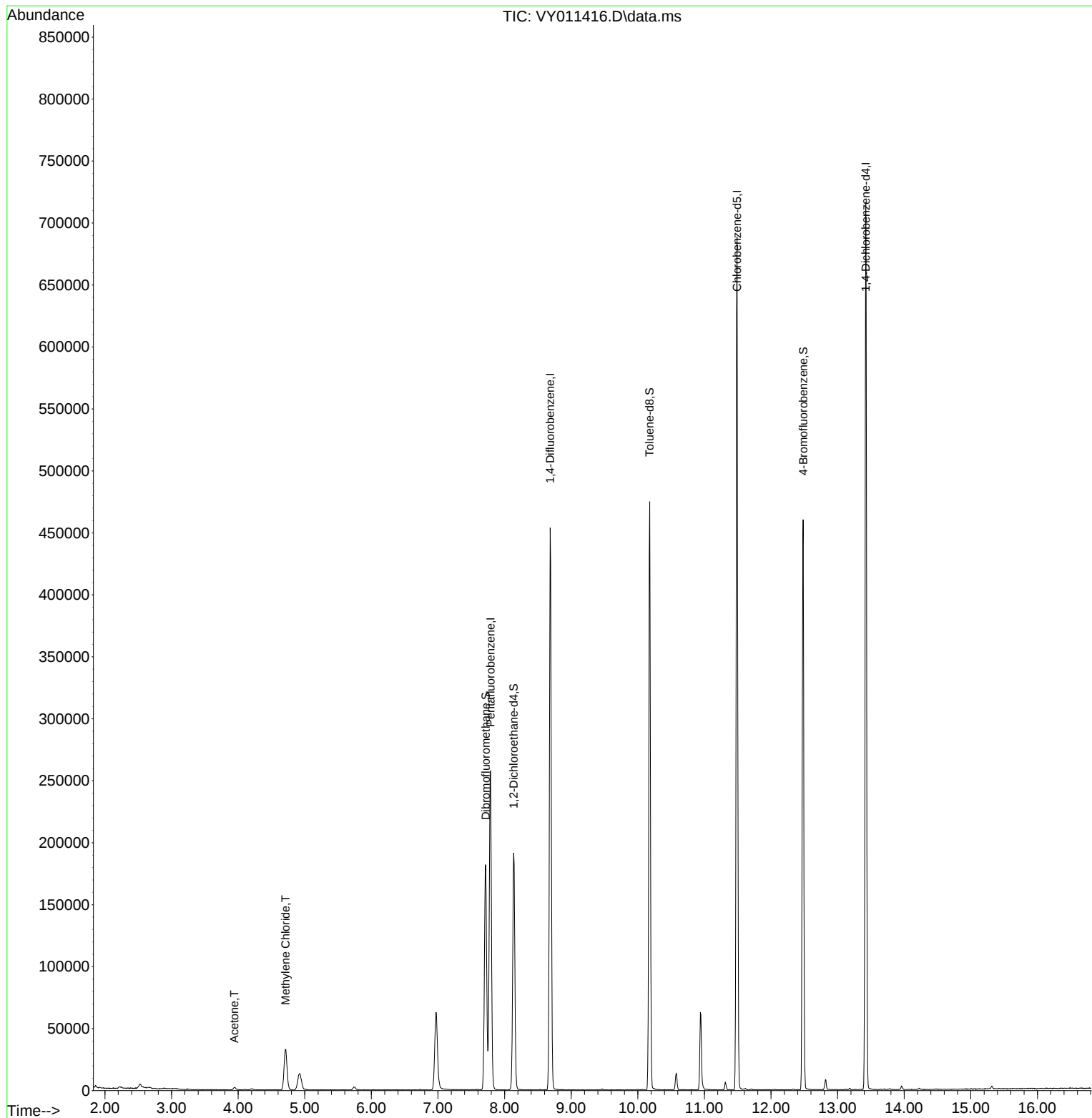
Internal Standards						
1) Pentafluorobenzene	7.789	168	212640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148578	83.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.760%#	
35) Dibromofluoromethane	7.716	113	132695	58.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.200%	
50) Toluene-d8	10.179	98	320165	36.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 73.400%	
62) 4-Bromofluorobenzene	12.483	95	147398	48.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.880%	
Target Compounds						Qvalue
16) Acetone	3.942	43	3447	7.331	ug/l	94
20) Methylene Chloride	4.710	84	27701	3.936	ug/l #	78

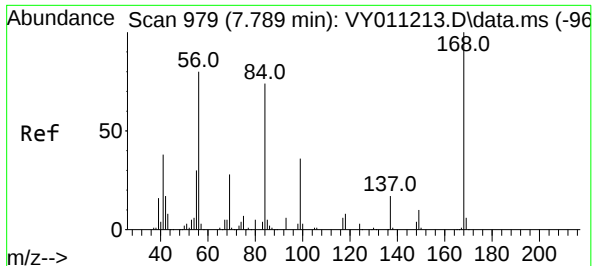
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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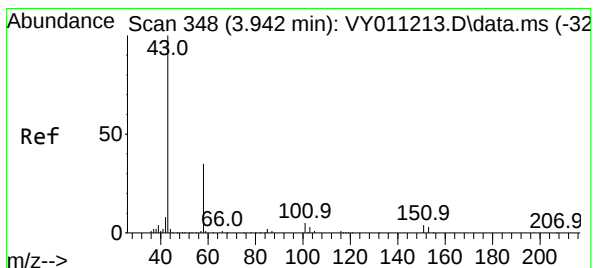
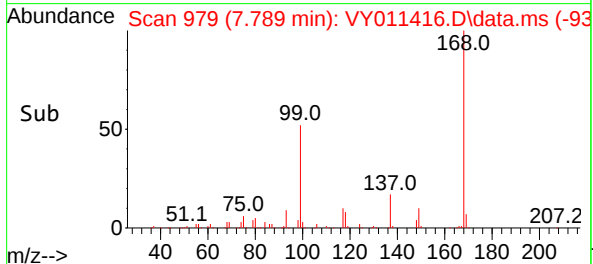
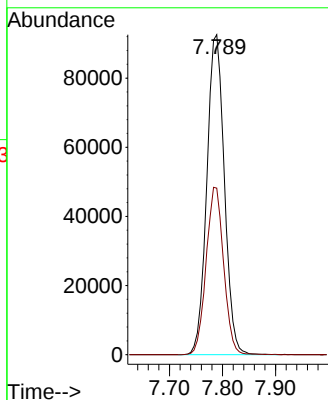
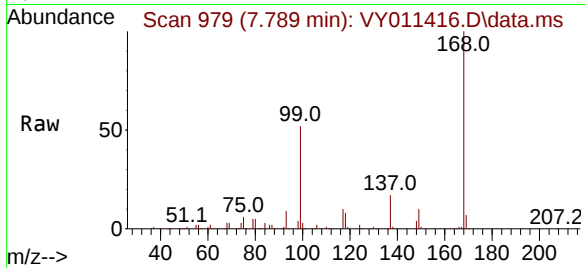




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

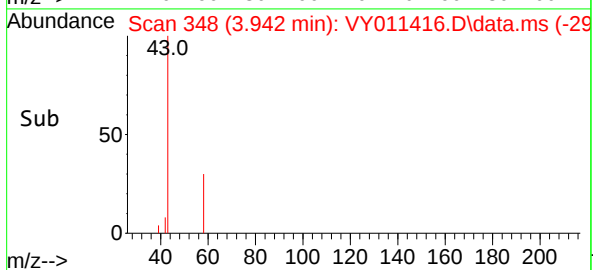
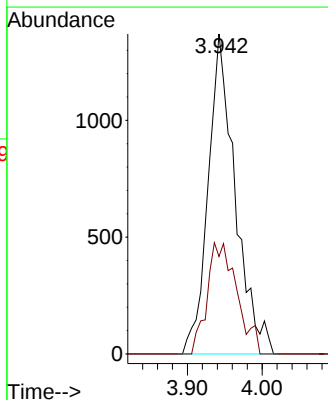
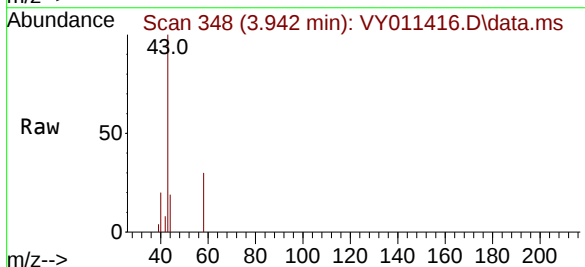
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

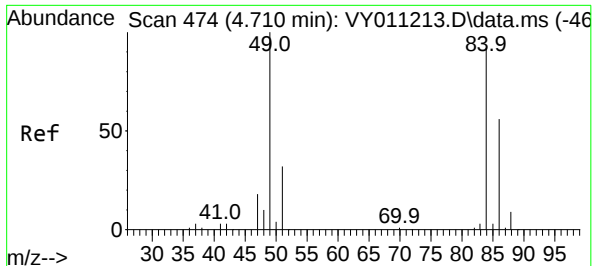
Tgt Ion:168 Resp: 212640
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#16
Acetone
Concen: 7.331 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0





#20

Methylene Chloride

Concen: 3.936 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011416.D

Acq: 11 Nov 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-10

Tgt Ion: 84 Resp: 27701

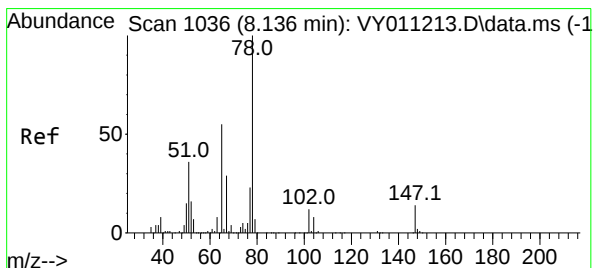
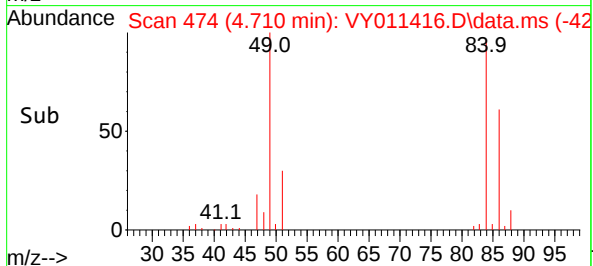
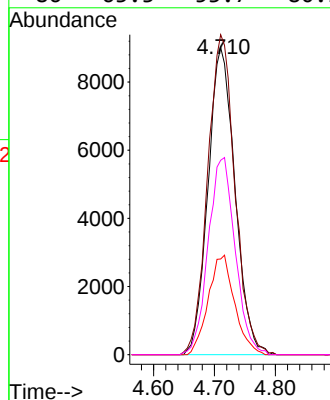
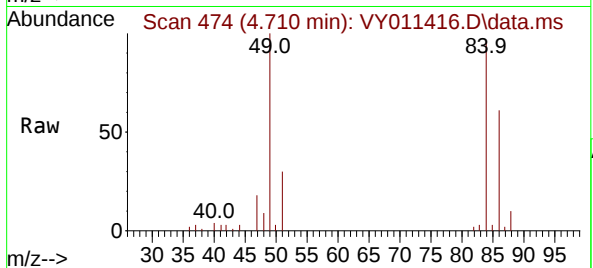
Ion Ratio Lower Upper

84 100

49 104.2 114.4 171.6#

51 31.2 35.3 52.9#

86 63.3 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 83.384 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011416.D

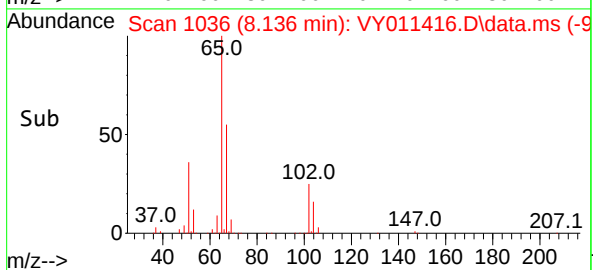
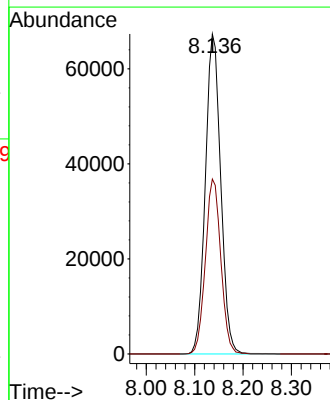
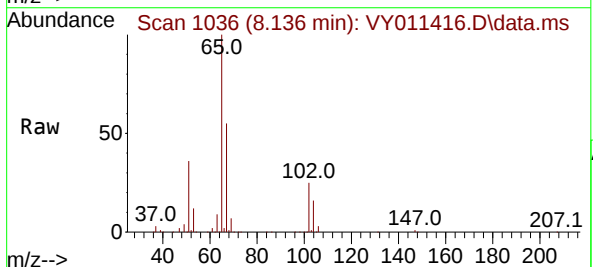
Acq: 11 Nov 2022 14:17

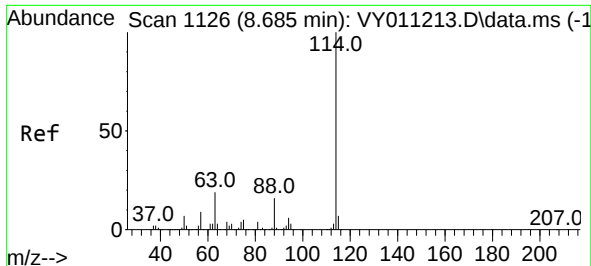
Tgt Ion: 65 Resp: 148578

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4

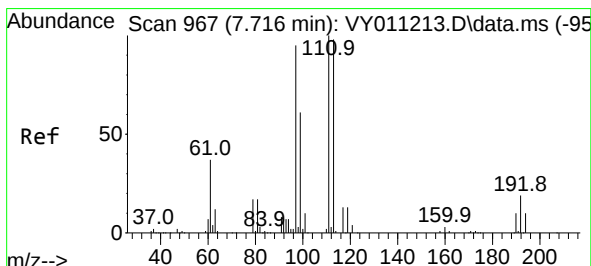
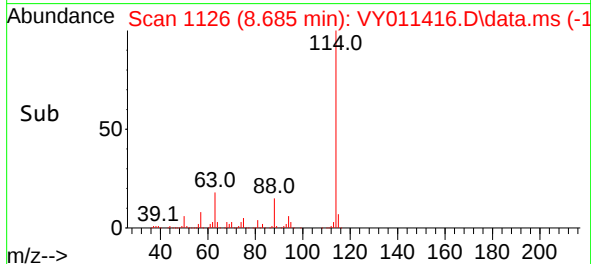
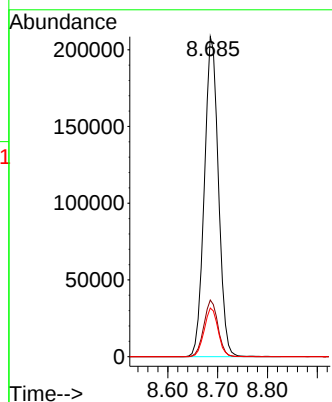
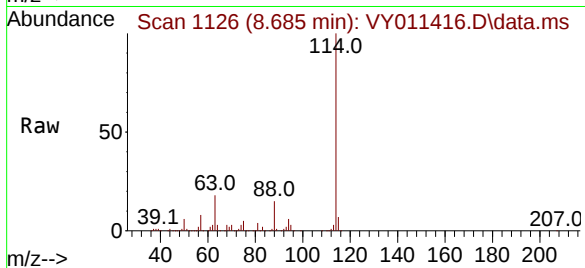




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

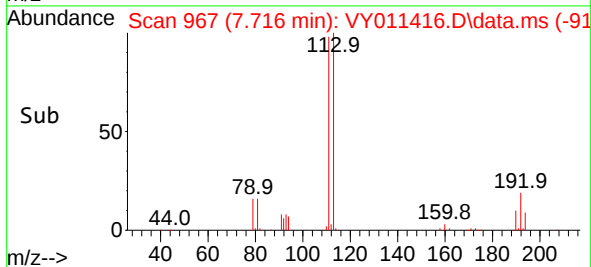
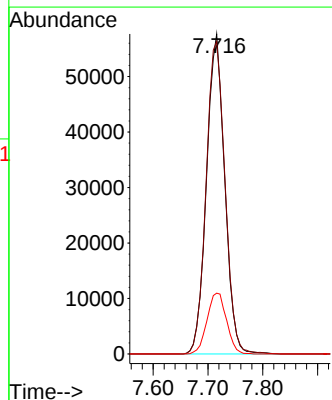
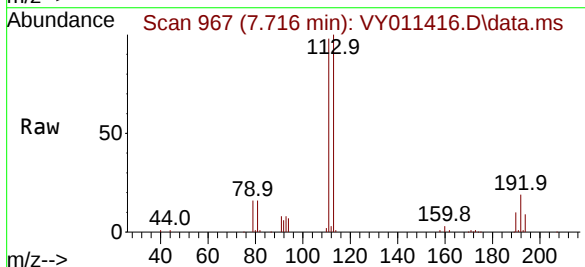
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

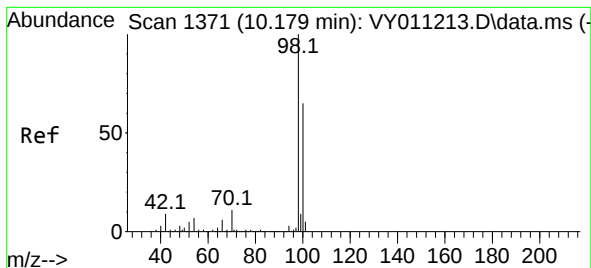
Tgt Ion:114 Resp: 407514
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.103 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion:113 Resp: 132695
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 20.3 17.6 26.4





#50

Toluene-d8

Concen: 36.696 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011416.D

Acq: 11 Nov 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

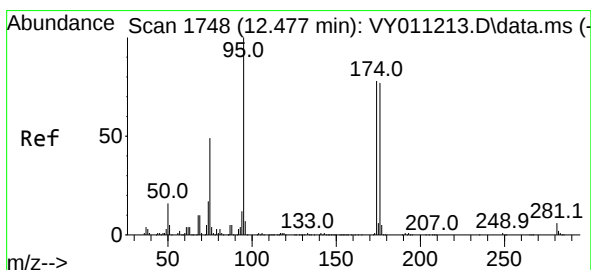
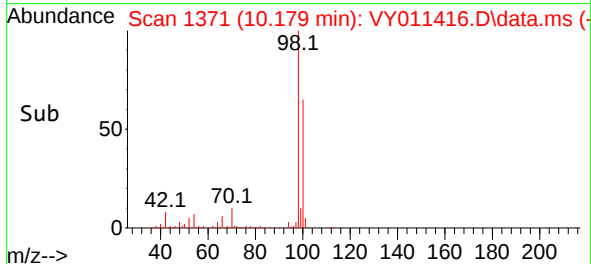
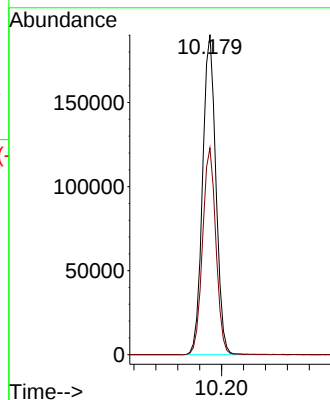
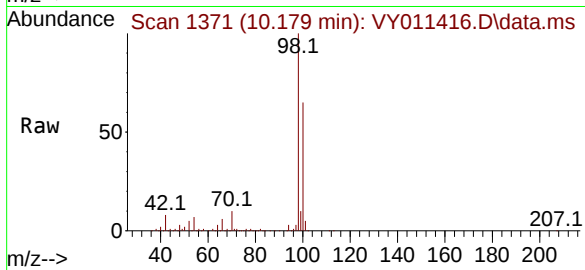
SB-10

Tgt Ion: 98 Resp: 320165

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 48.436 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011416.D

Acq: 11 Nov 2022 14:17

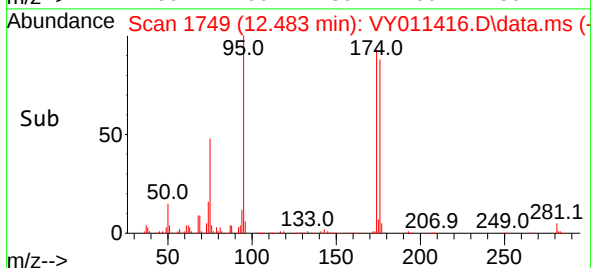
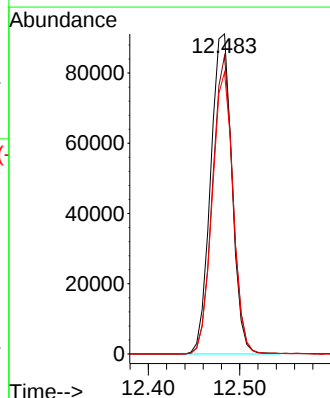
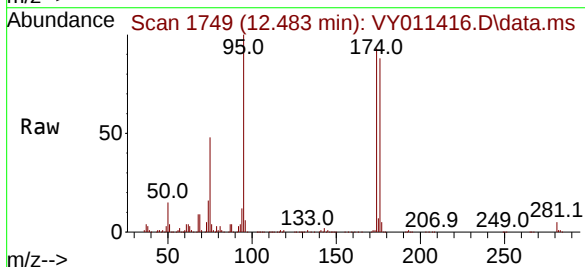
Tgt Ion: 95 Resp: 147398

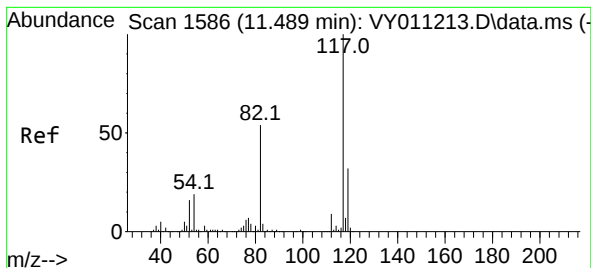
Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.0

176 86.3 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: VY011416.D

Acq: 11 Nov 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-10

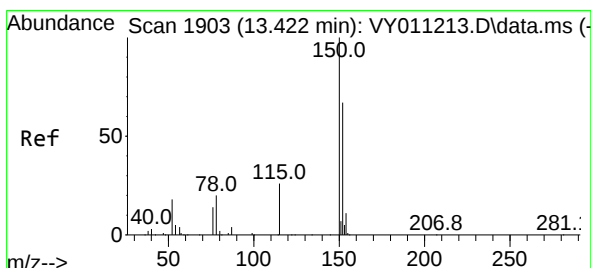
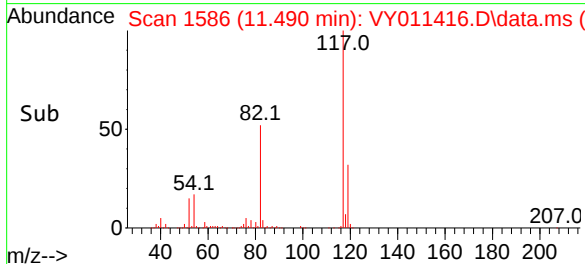
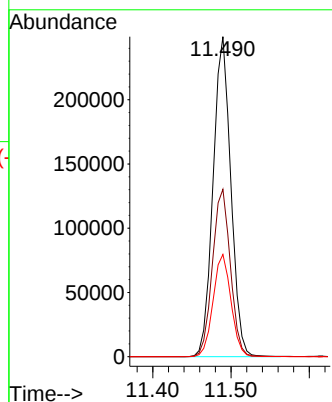
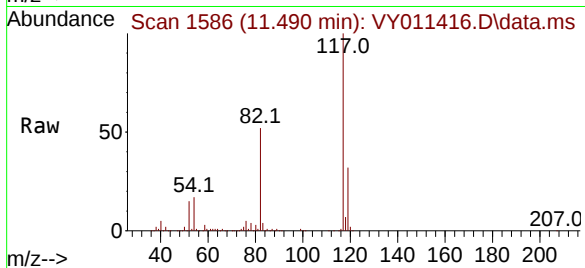
Tgt Ion:117 Resp: 392227

Ion Ratio Lower Upper

117 100

82 52.3 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: VY011416.D

Acq: 11 Nov 2022 14:17

Tgt Ion:152 Resp: 199531

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 155.9 0.0 347.6

