

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011343.D
 Acq On : 07 Nov 2022 18:18
 Operator : KP/MD
 Sample : N5378-06
 Misc : 4.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-20221028-5.5-6.5

Quant Time: Nov 08 03:30:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

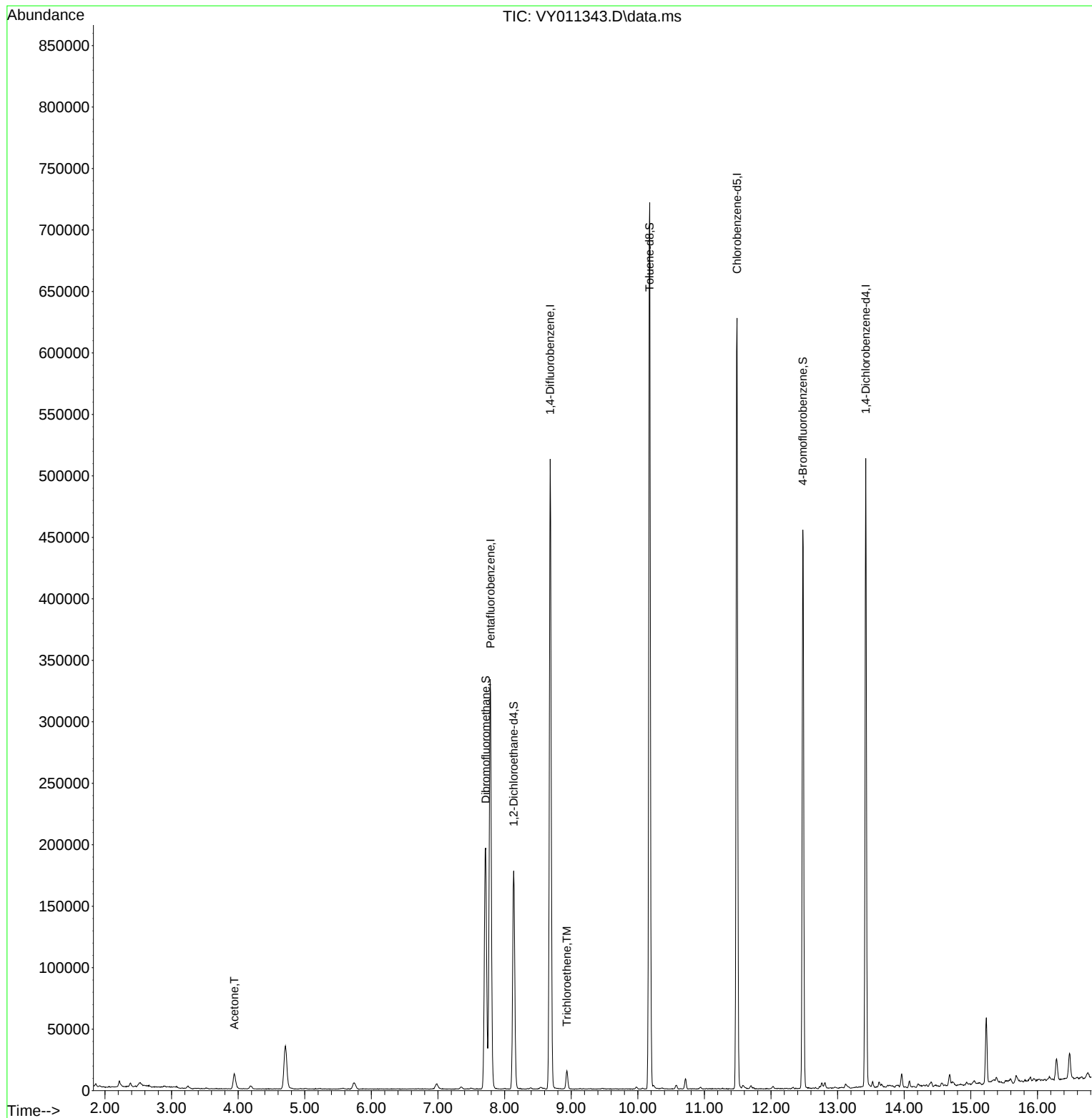
Internal Standards						
1) Pentafluorobenzene	7.789	168	263845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137862	48.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.716	113	144958	50.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.179	98	489140	43.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.440%
62) 4-Bromofluorobenzene	12.477	95	146554	37.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.460%
Target Compounds						Qvalue
16) Acetone	3.942	43	21125	24.800	ug/l #	81
44) Trichloroethene	8.935	130	5468	1.477	ug/l	95

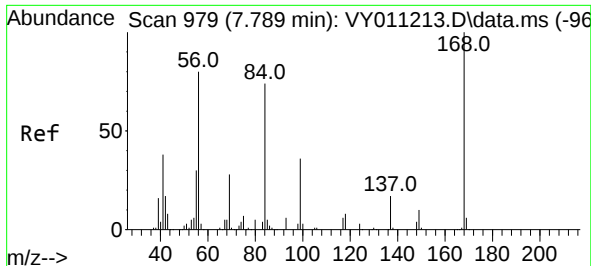
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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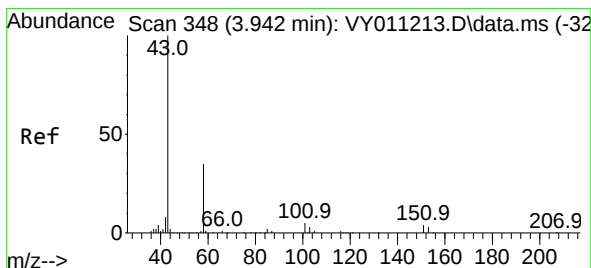
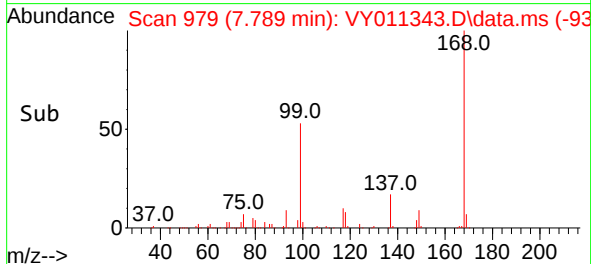
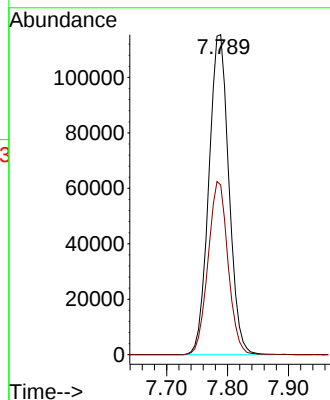
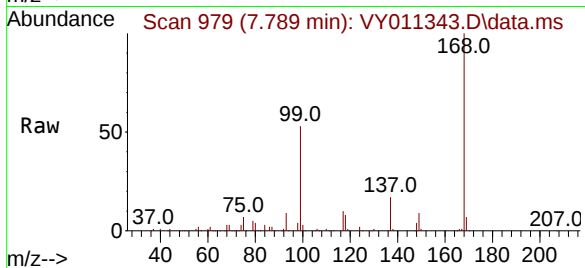




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011343.D
Acq: 07 Nov 2022 18:18

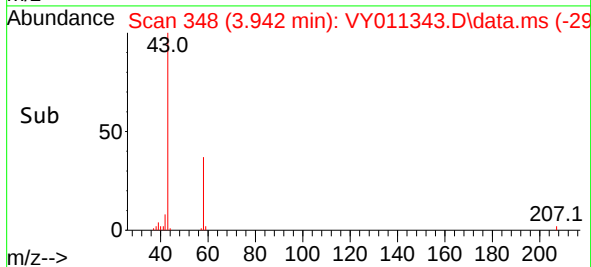
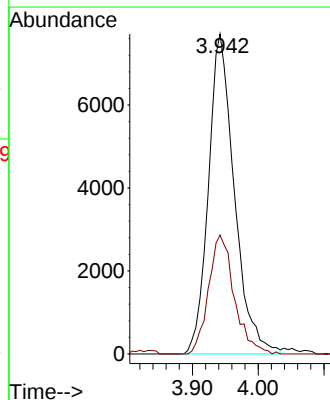
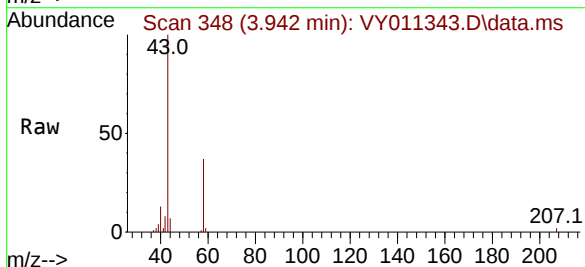
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-20221028-5.5-6.5

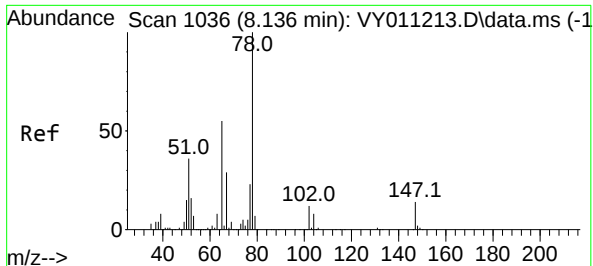
Tgt Ion:168 Resp: 263845
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#16
Acetone
Concen: 24.800 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011343.D
Acq: 07 Nov 2022 18:18

Tgt Ion: 43 Resp: 21125
Ion Ratio Lower Upper
43 100
58 37.2 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 48.855 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011343.D

Acq: 07 Nov 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

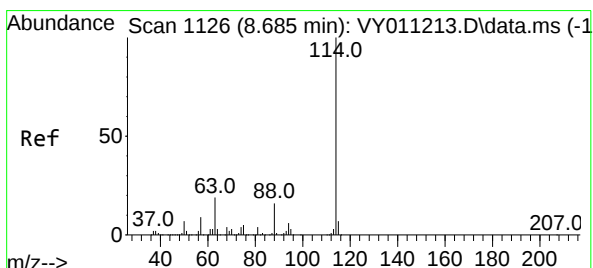
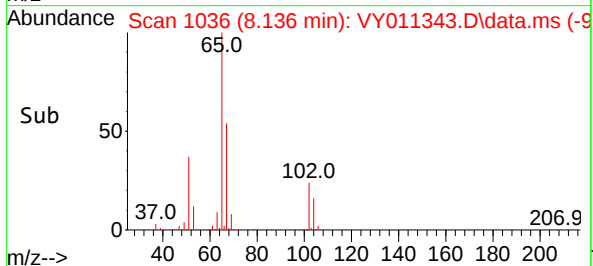
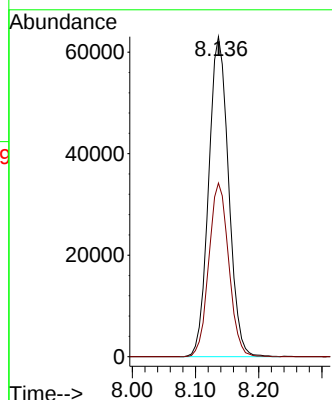
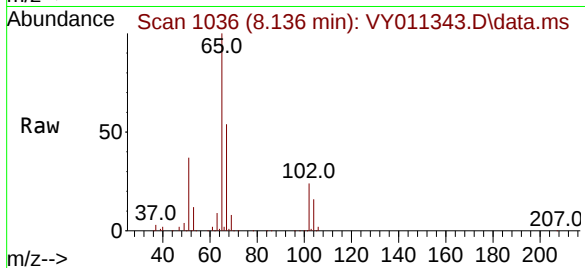
SB-15-20221028-5.5-6.5

Tgt Ion: 65 Resp: 137862

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011343.D

Acq: 07 Nov 2022 18:18

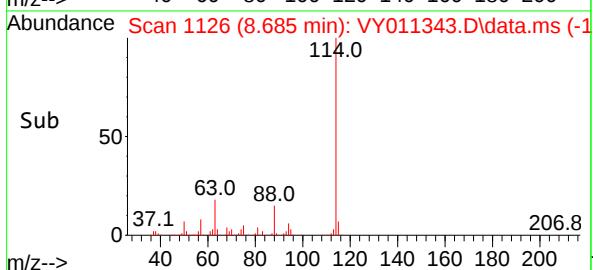
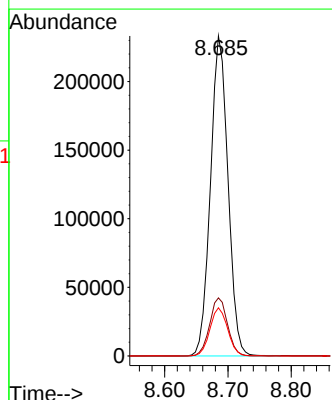
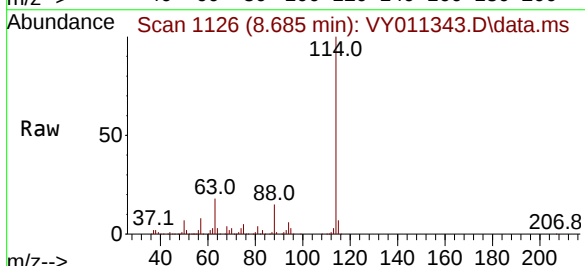
Tgt Ion: 114 Resp: 448477

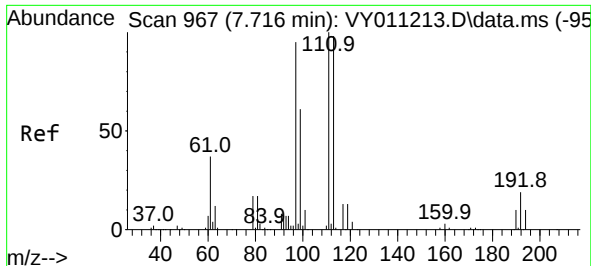
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.0 0.0 31.8

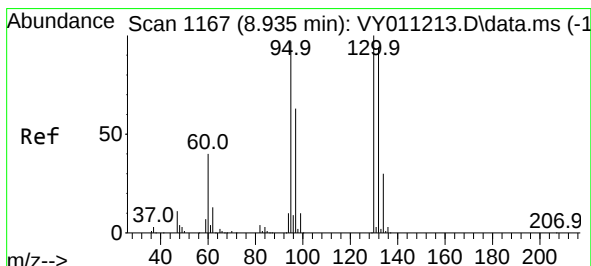
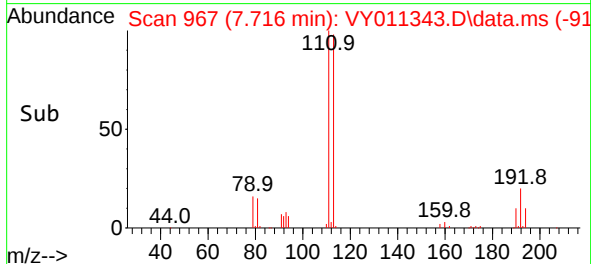
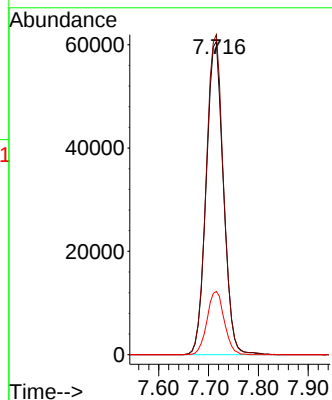
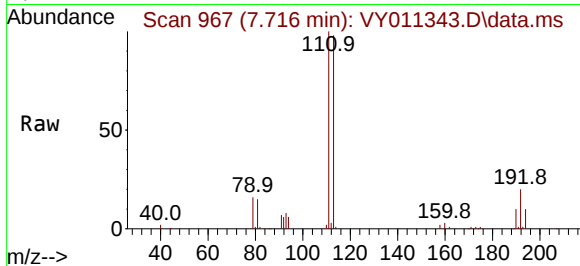




#35
Dibromofluoromethane
Concen: 50.307 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011343.D
Acq: 07 Nov 2022 18:18

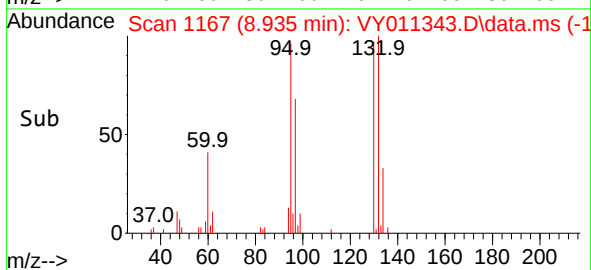
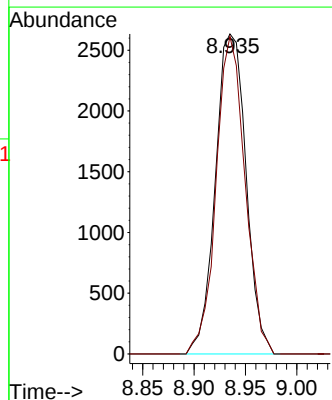
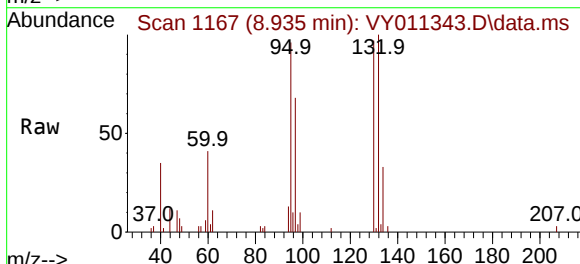
Instrument :
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SB-15-20221028-5.5-6.5

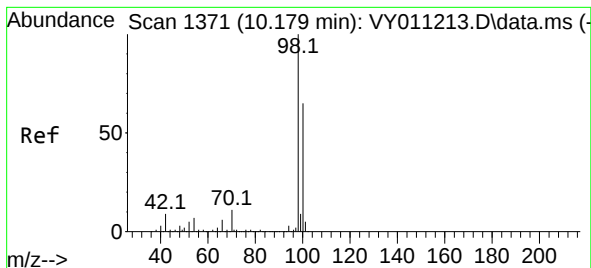
Tgt Ion:113 Resp: 144958
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.3 17.6 26.4



#44
Trichloroethene
Concen: 1.477 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY011343.D
Acq: 07 Nov 2022 18:18

Tgt Ion:130 Resp: 5468
Ion Ratio Lower Upper
130 100
95 99.2 0.0 188.2





#50

Toluene-d8

Concen: 43.722 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011343.D

Acq: 07 Nov 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

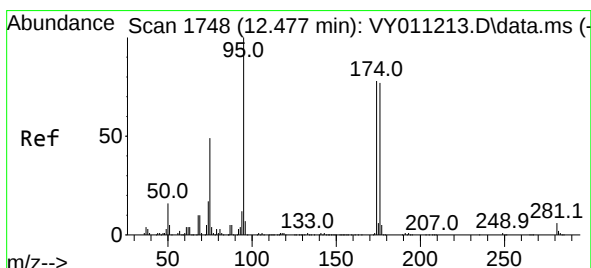
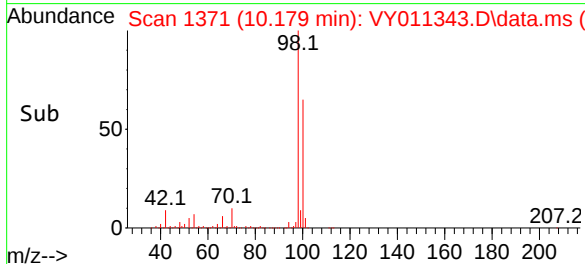
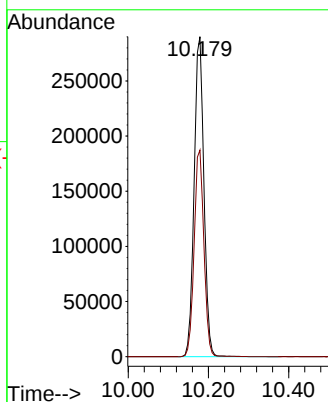
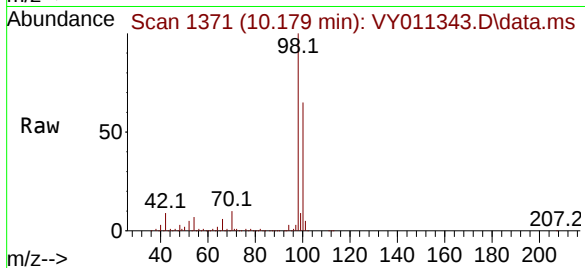
SB-15-20221028-5.5-6.5

Tgt Ion: 98 Resp: 489140

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 37.734 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011343.D

Acq: 07 Nov 2022 18:18

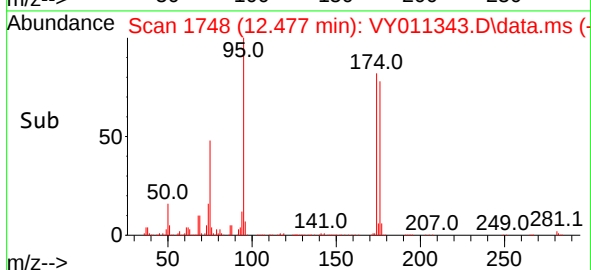
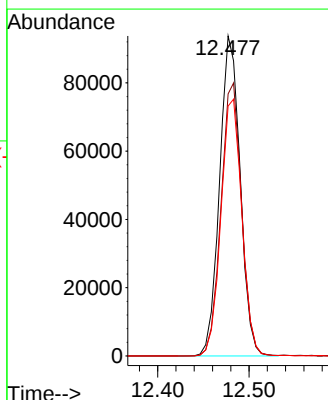
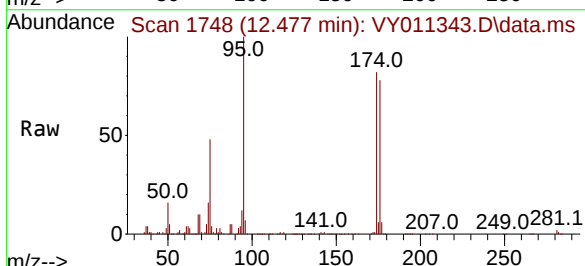
Tgt Ion: 95 Resp: 146554

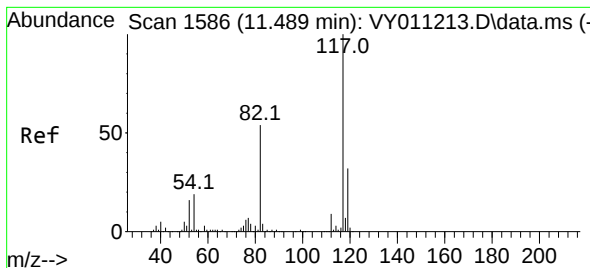
Ion Ratio Lower Upper

95 100

174 85.9 0.0 177.0

176 81.8 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: VY011343.D

Acq: 07 Nov 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-15-20221028-5.5-6.5

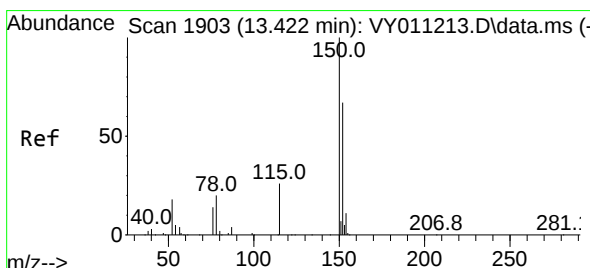
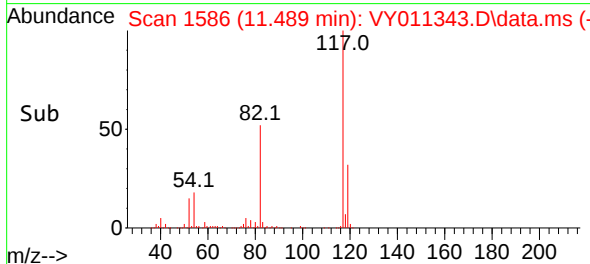
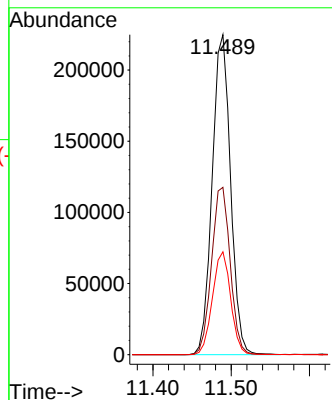
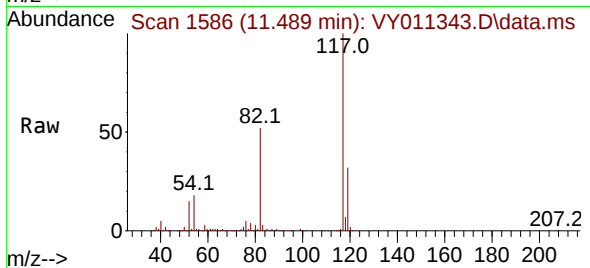
Tgt Ion:117 Resp: 366164

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.2 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: VY011343.D

Acq: 07 Nov 2022 18:18

Tgt Ion:152 Resp: 132926

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.9 0.0 347.6

