

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011054.D
 Acq On : 21 Oct 2022 16:38
 Operator : KP/MD
 Sample : N5217-23
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E3-7.5-8.0

Quant Time: Oct 22 01:23:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

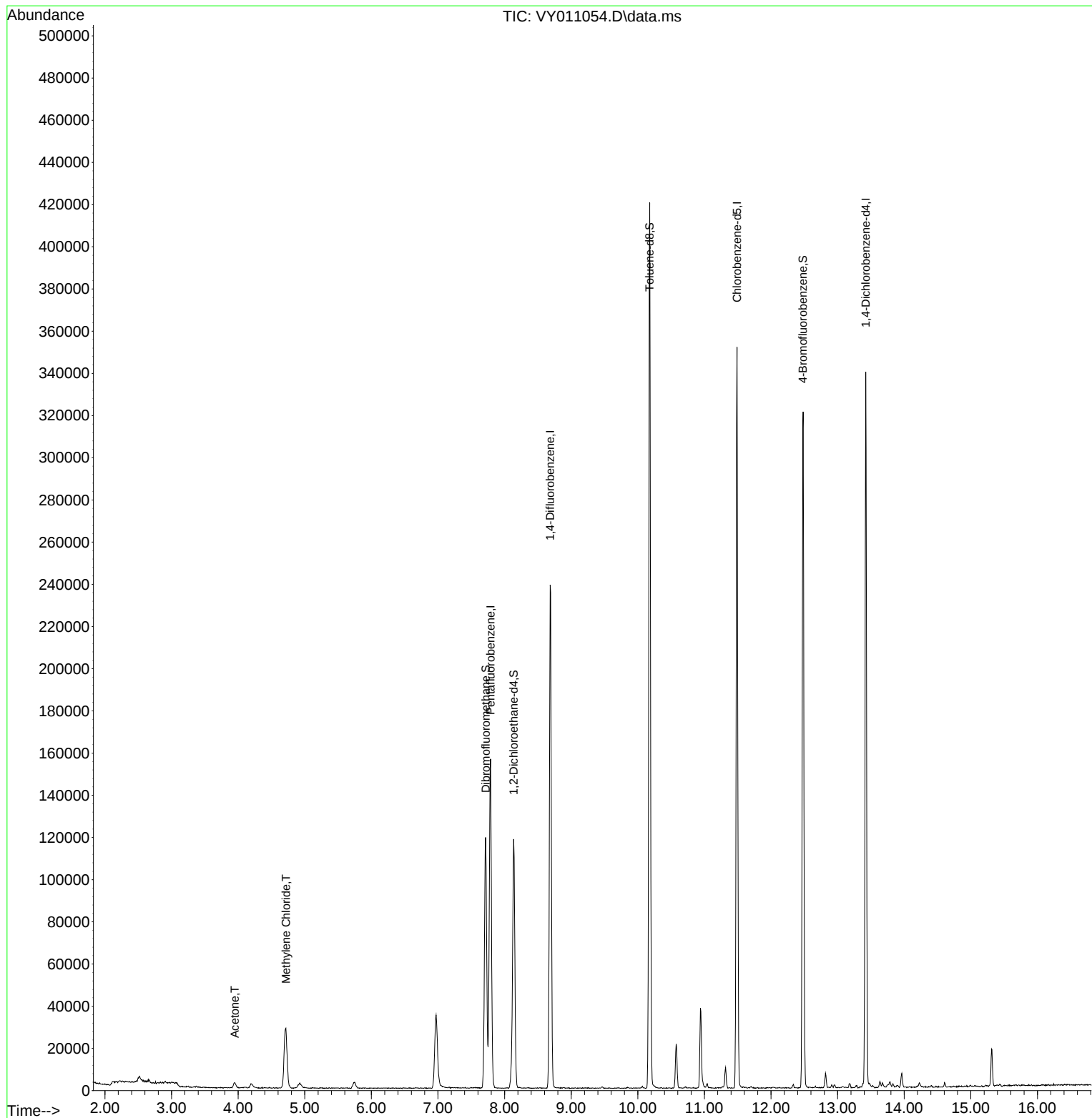
Internal Standards						
1) Pentafluorobenzene	7.789	168	122760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86853	76.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.620%
35) Dibromofluoromethane	7.716	113	86065	74.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	149.620%#
50) Toluene-d8	10.179	98	283117	64.761	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.520%
62) 4-Bromofluorobenzene	12.477	95	96551	63.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.320%
Target Compounds						Qvalue
16) Acetone	3.948	43	4575	13.932	ug/l #	86
20) Methylene Chloride	4.716	84	22991	11.158	ug/l #	79

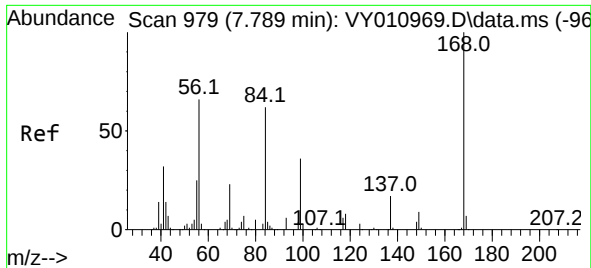
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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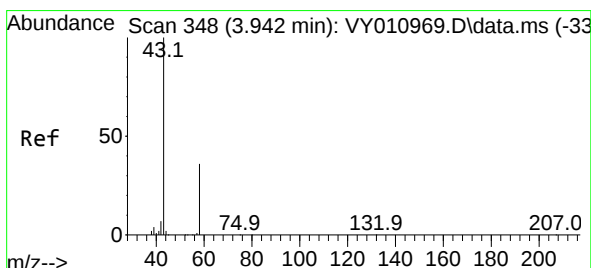
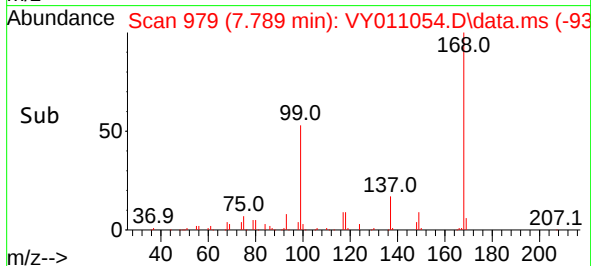
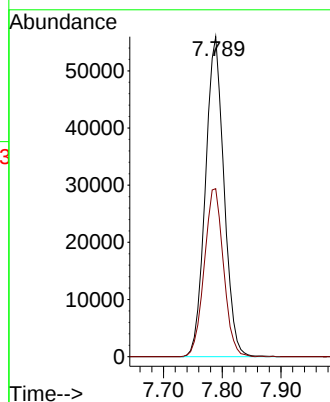
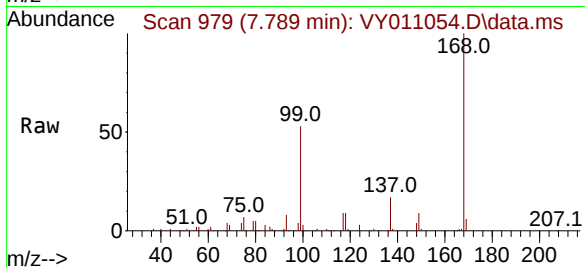




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

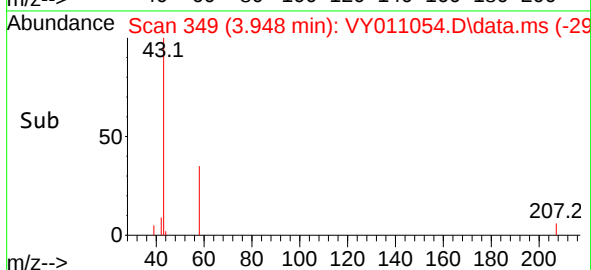
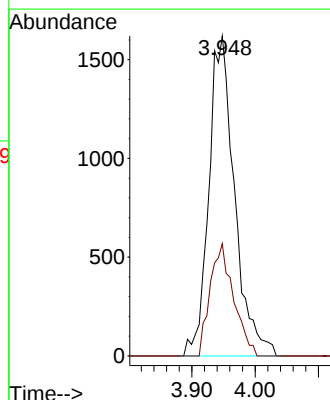
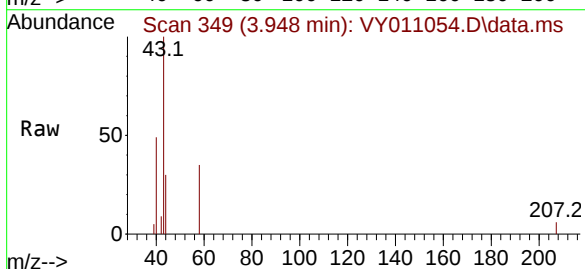
Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

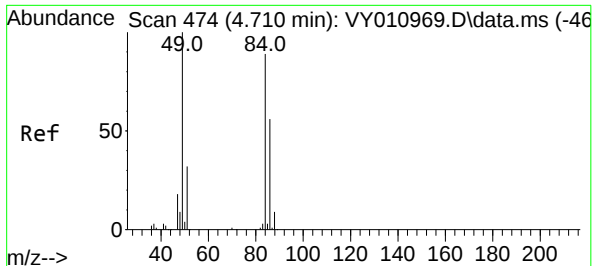
Tgt Ion:168 Resp: 122760
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 13.932 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

Tgt Ion: 43 Resp: 4575
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#

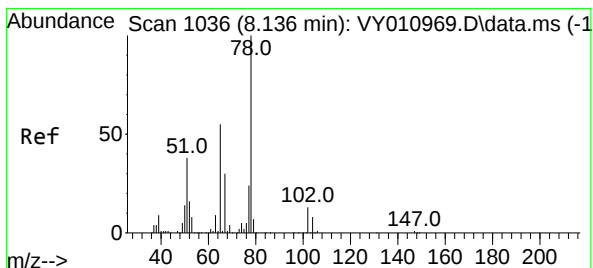
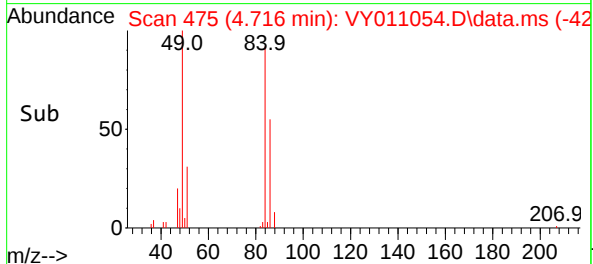
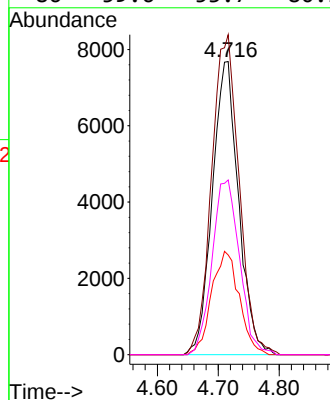
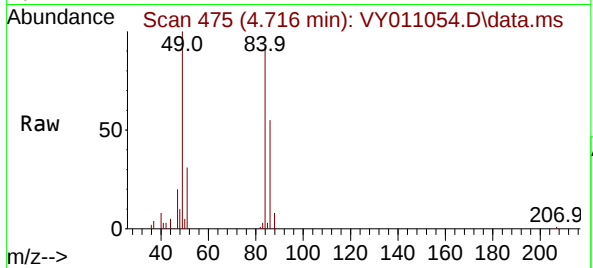




#20
Methylene Chloride
Concen: 11.158 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

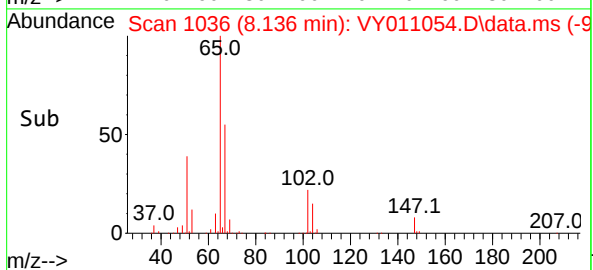
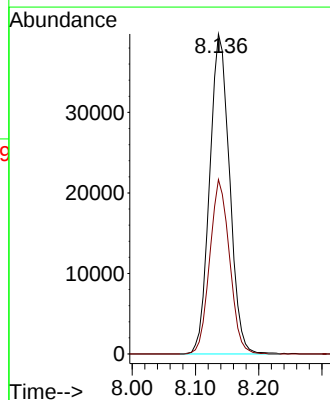
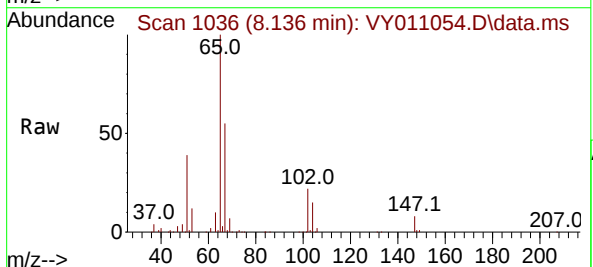
Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

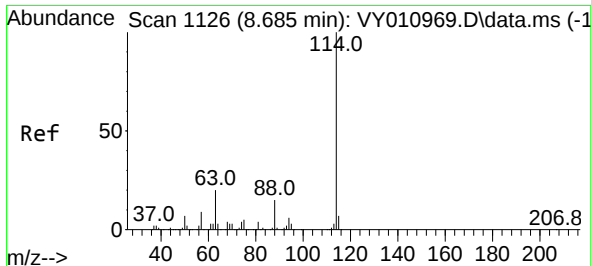
Tgt Ion: 84 Resp: 22991
Ion Ratio Lower Upper
84 100
49 109.2 114.4 171.6#
51 34.0 35.3 52.9#
86 59.6 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 76.807 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

Tgt Ion: 65 Resp: 86853
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

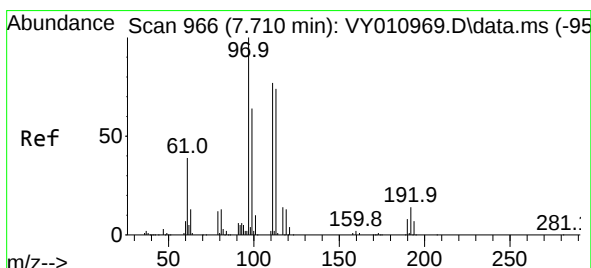
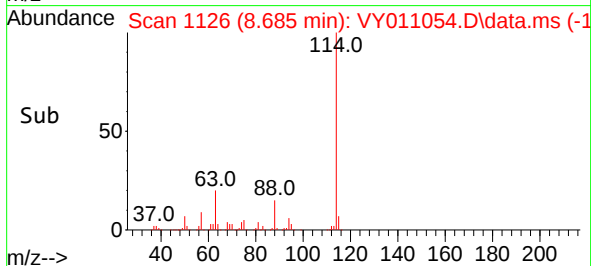
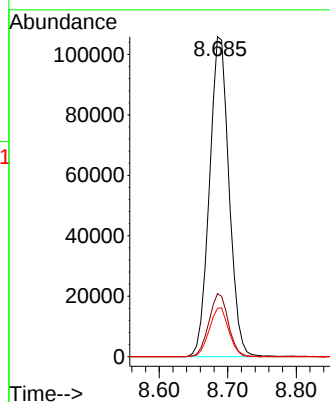
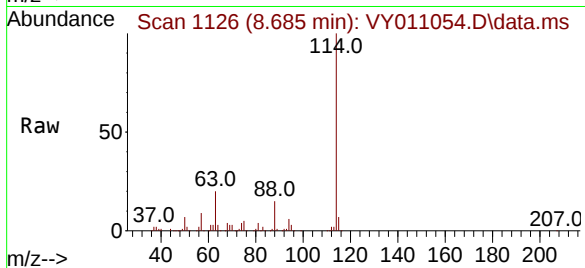




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

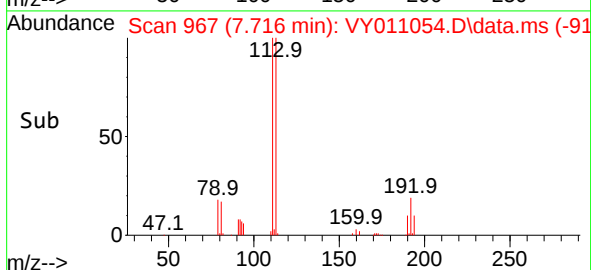
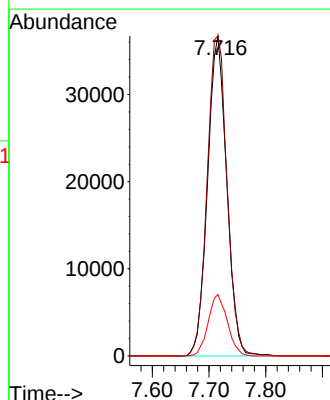
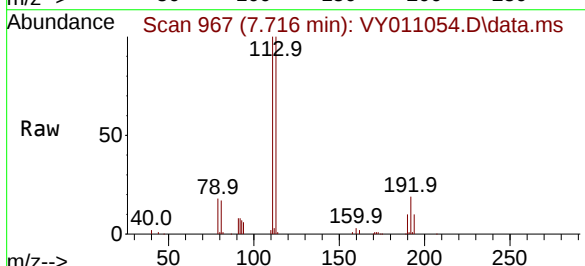
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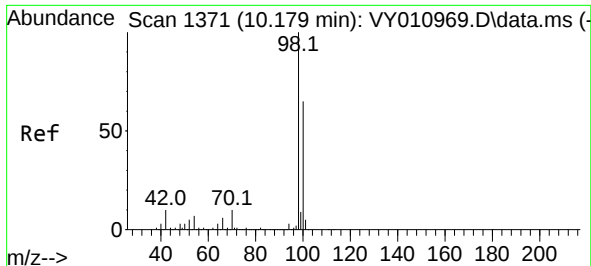
Tgt Ion:114 Resp: 209373
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 74.812 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

Tgt Ion:113 Resp: 86065
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.3 17.6 26.4

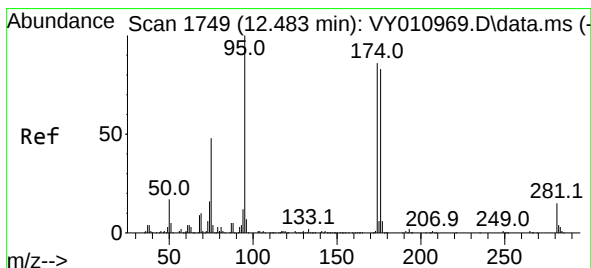
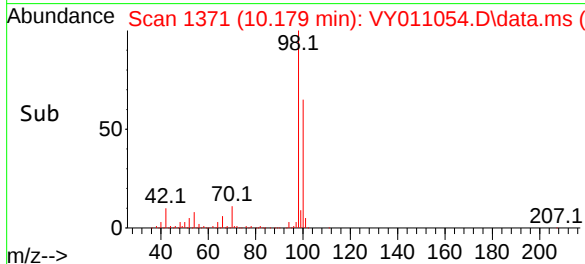
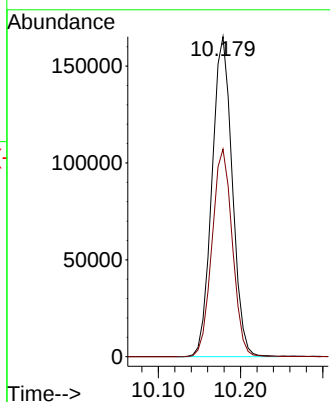
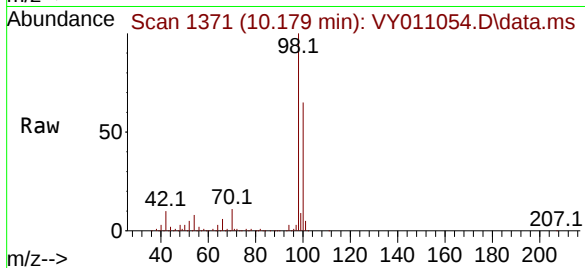




#50
Toluene-d8
Concen: 64.761 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

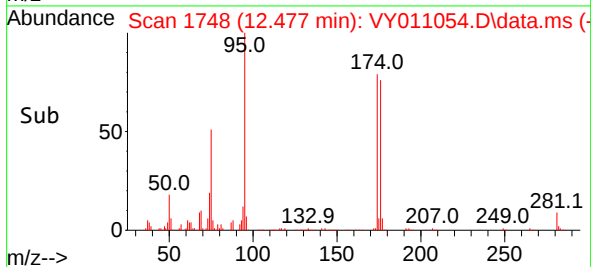
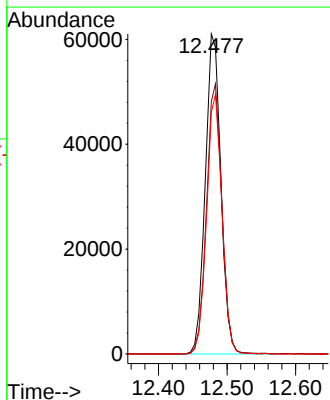
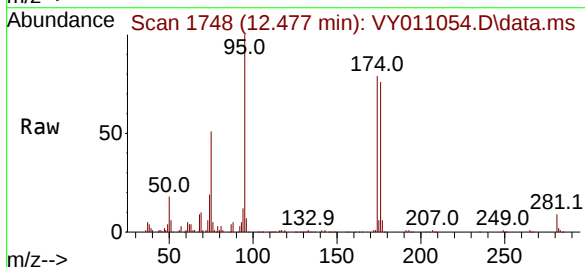
Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

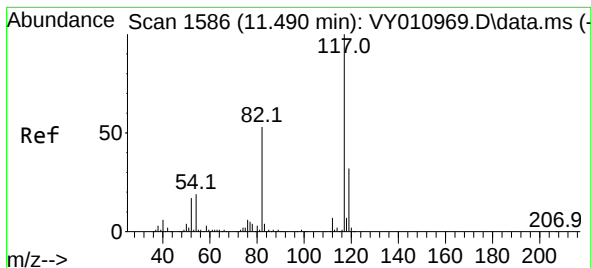
Tgt Ion: 98 Resp: 283117
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 63.156 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011054.D
Acq: 21 Oct 2022 16:38

Tgt Ion: 95 Resp: 96551
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 79.8 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: VY011054.D

Acq: 21 Oct 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-E3-7.5-8.0

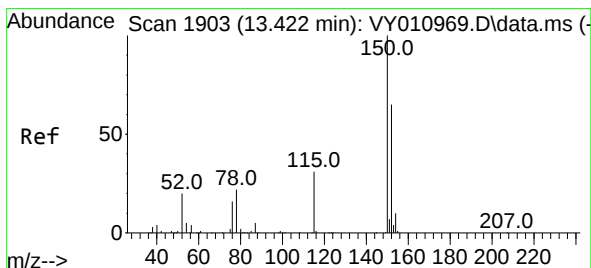
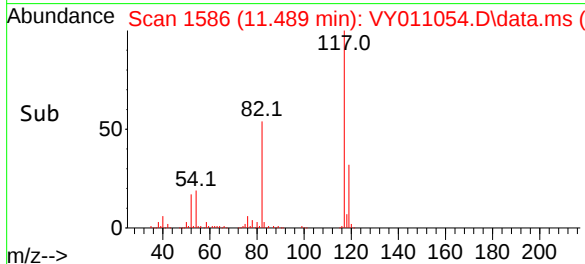
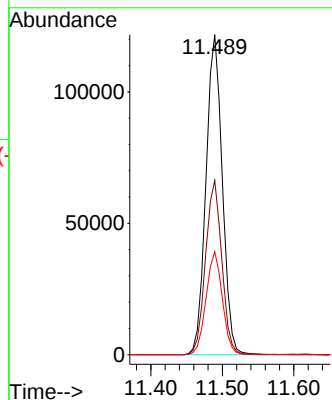
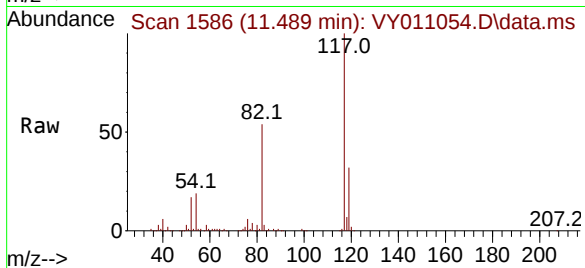
Tgt Ion:117 Resp: 193476

Ion Ratio Lower Upper

117 100

82 54.5 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: VY011054.D

Acq: 21 Oct 2022 16:38

Tgt Ion:152 Resp: 88056

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.1 0.0 347.6

