

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010300.D
 Acq On : 03 Sep 2022 01:02
 Operator : KP/MD
 Sample : N4379-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9-11

Quant Time: Sep 03 06:10:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

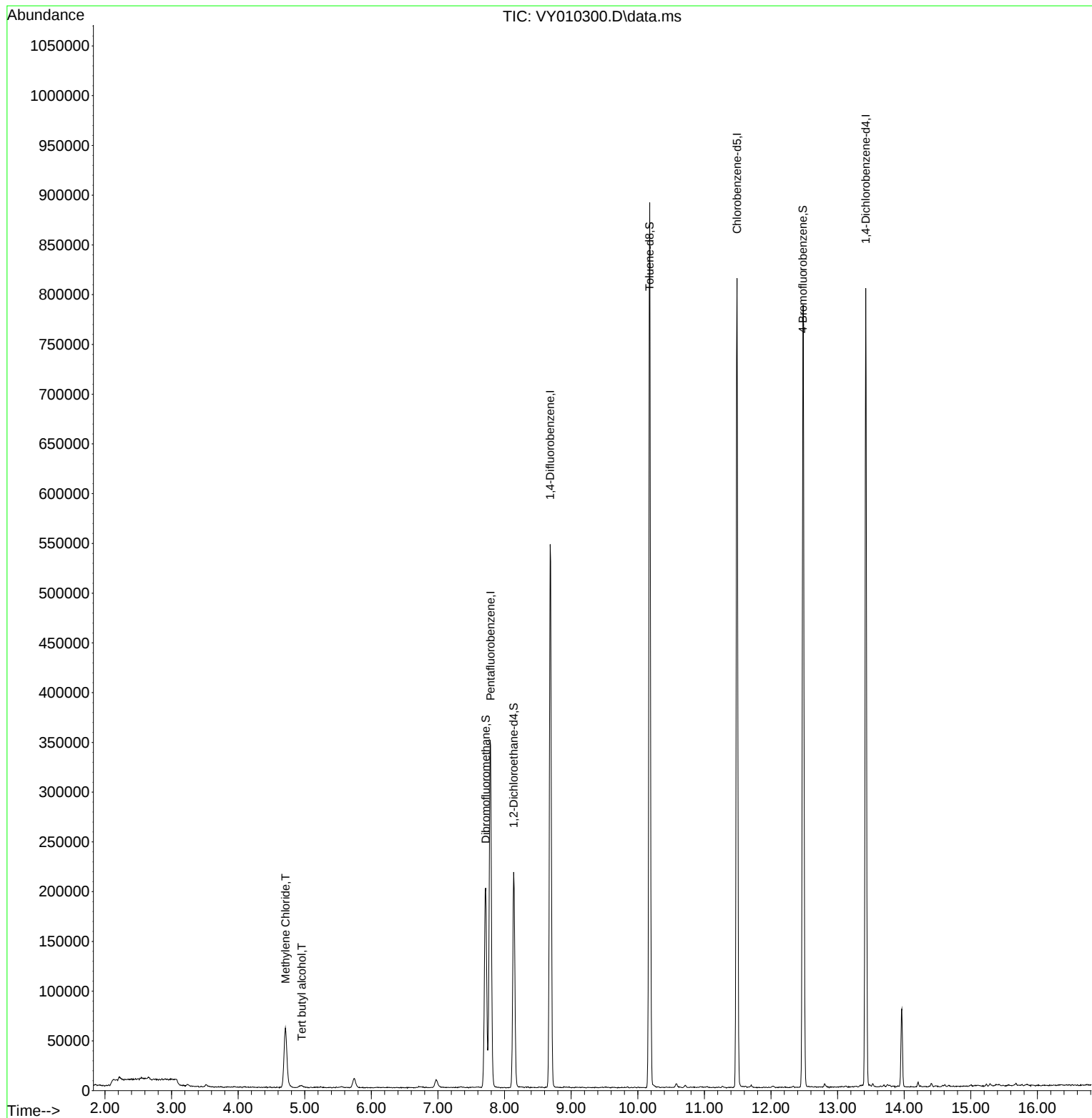
Internal Standards						
1) Pentafluorobenzene	7.789	168	283840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	478603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	448242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	168354	57.844	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.680%			
35) Dibromofluoromethane	7.716	113	146395	45.947	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.900%			
50) Toluene-d8	10.179	98	568241	53.270	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.540%			
62) 4-Bromofluorobenzene	12.477	95	203677	47.341	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.680%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	4095	11.761	ug/l	98
20) Methylene Chloride	4.710	84	44672	12.723	ug/l	85

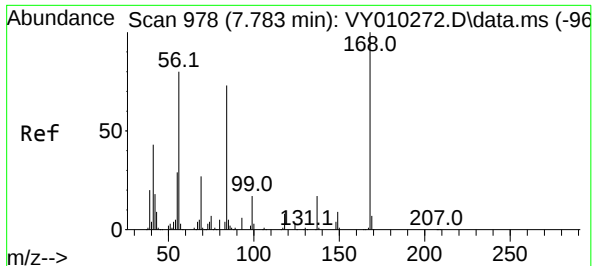
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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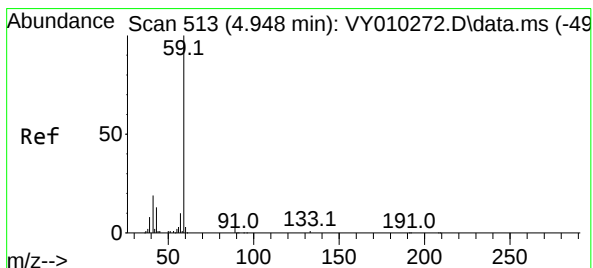
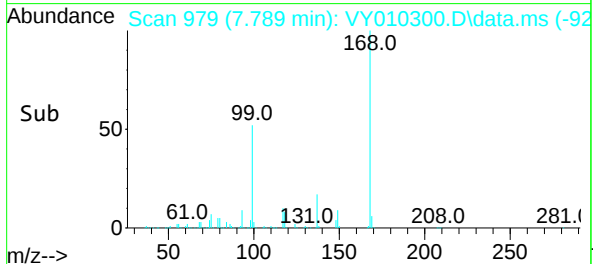
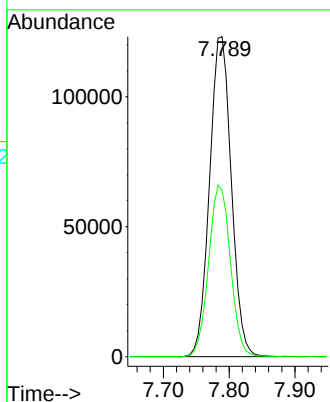
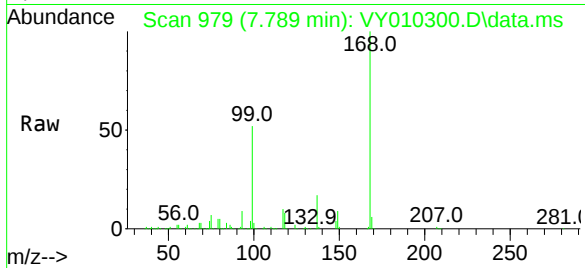




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

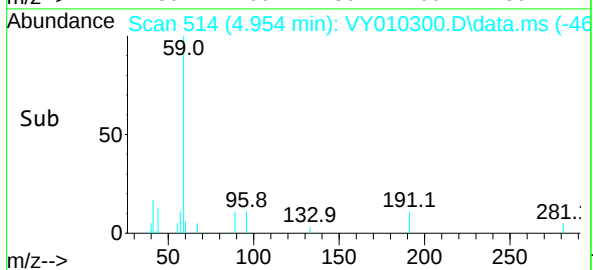
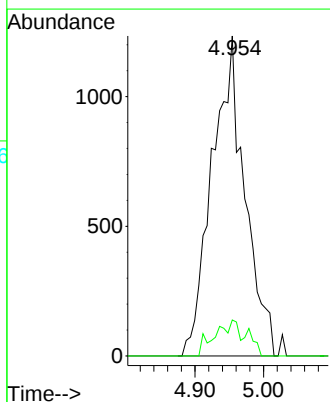
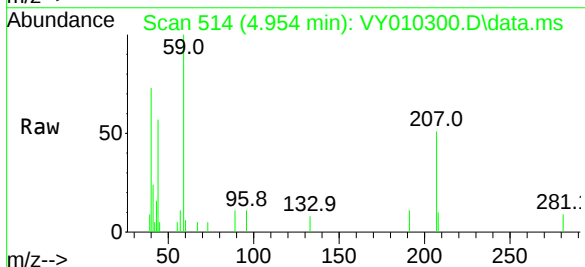
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9-11

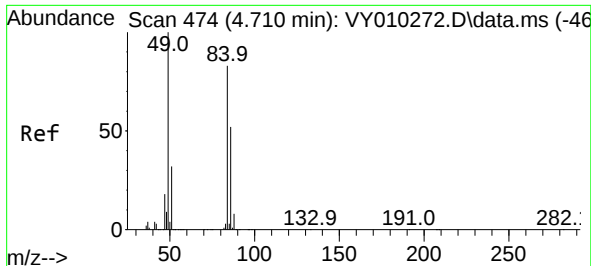
Tgt Ion:168 Resp: 283840
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 11.761 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Tgt Ion: 59 Resp: 4095
Ion Ratio Lower Upper
59 100
57 8.7 6.4 9.6

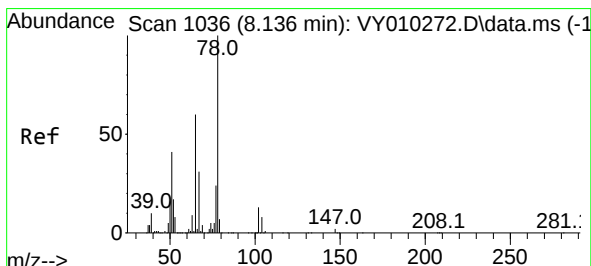
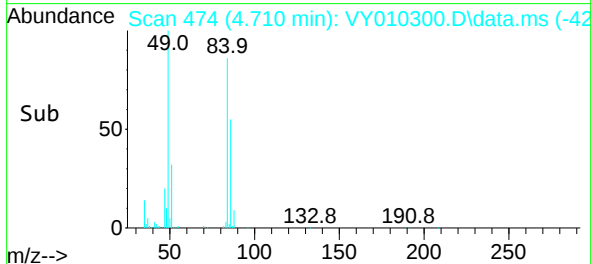
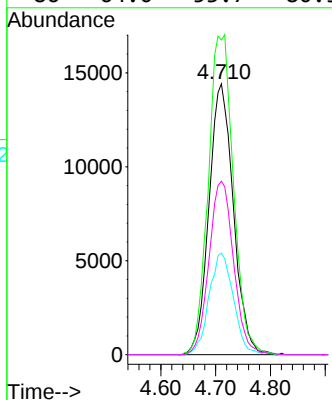
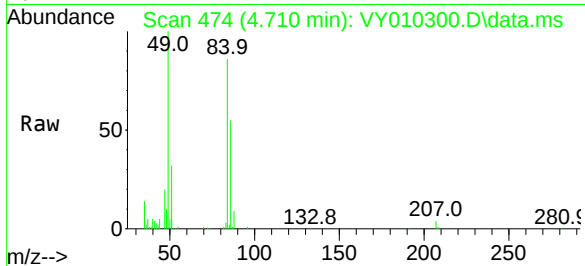




#20
Methylene Chloride
Concen: 12.723 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

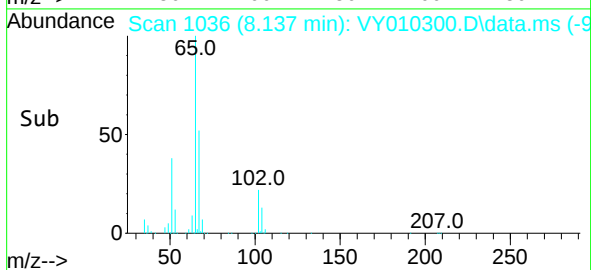
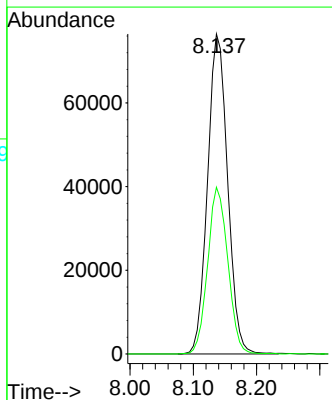
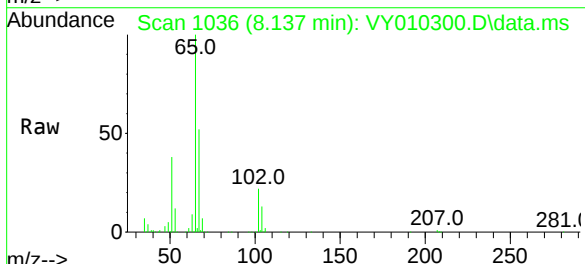
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9-11

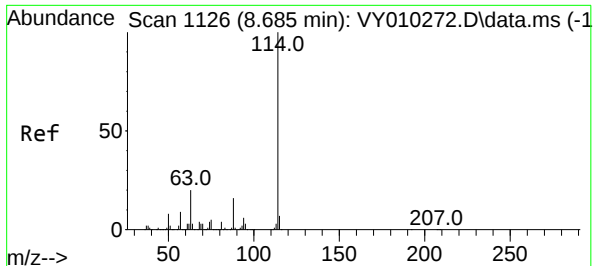
Tgt Ion: 84 Resp: 44672
Ion Ratio Lower Upper
84 100
49 116.2 114.4 171.6
51 37.5 35.3 52.9
86 64.0 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 57.844 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Tgt Ion: 65 Resp: 168354
Ion Ratio Lower Upper
65 100
67 52.3 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: VY010300.D

Acq: 03 Sep 2022 01:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9-11

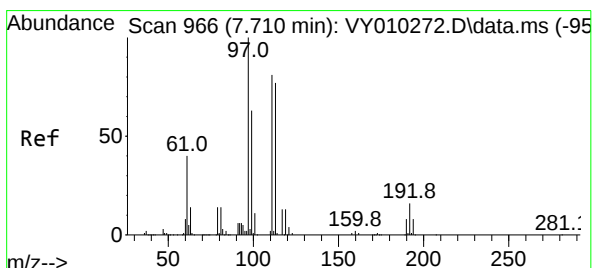
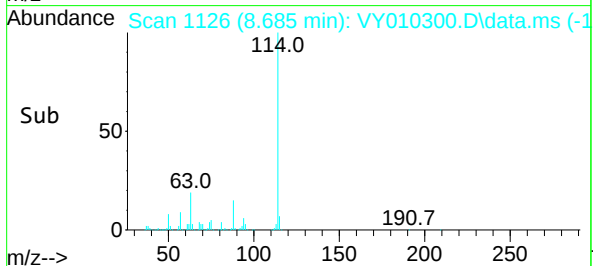
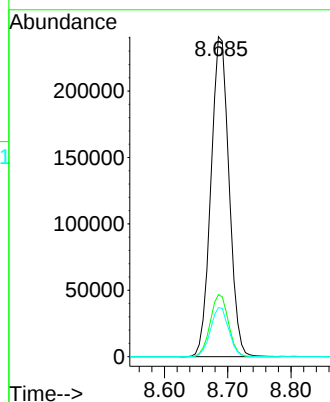
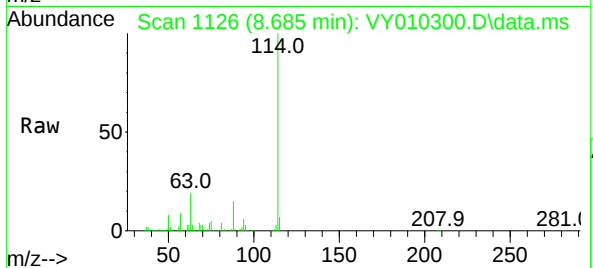
Tgt Ion:114 Resp: 478603

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.947 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010300.D

Acq: 03 Sep 2022 01:02

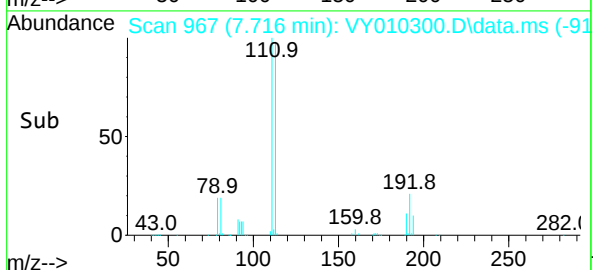
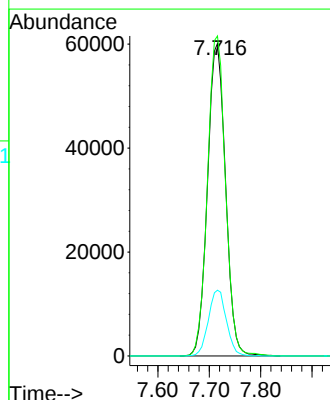
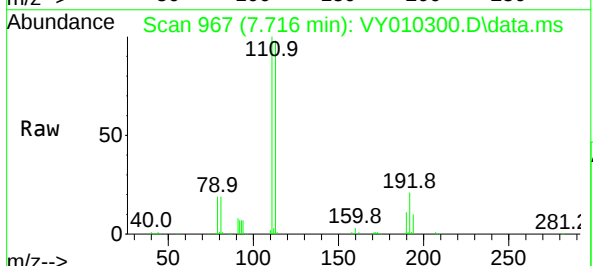
Tgt Ion:113 Resp: 146395

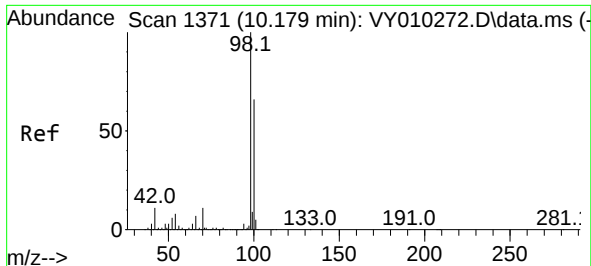
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 21.0 17.6 26.4

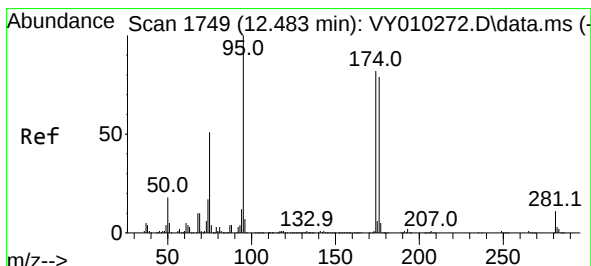
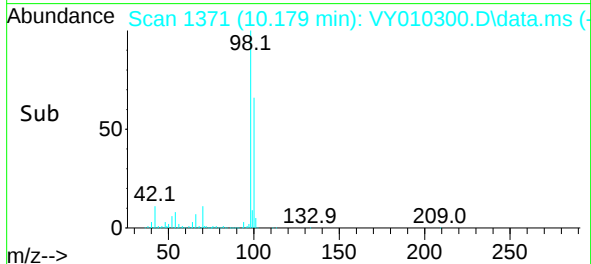
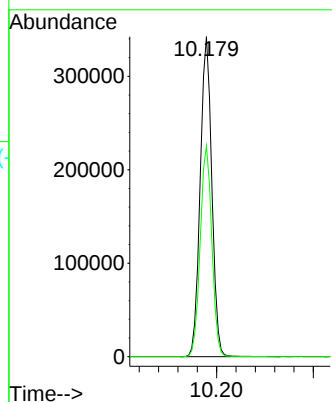
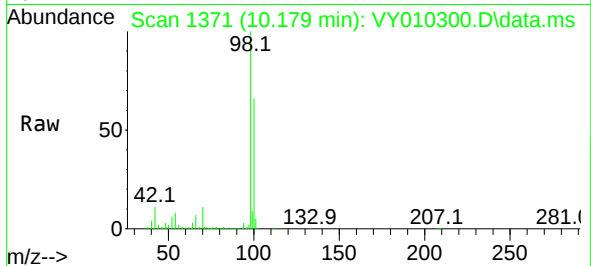




#50
Toluene-d8
Concen: 53.270 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

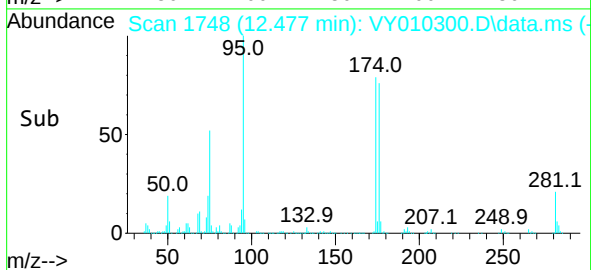
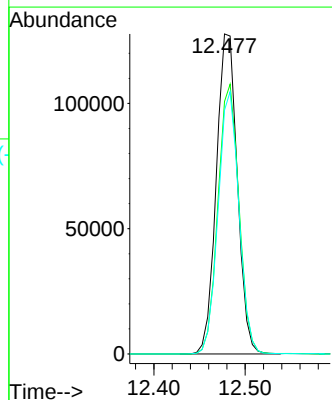
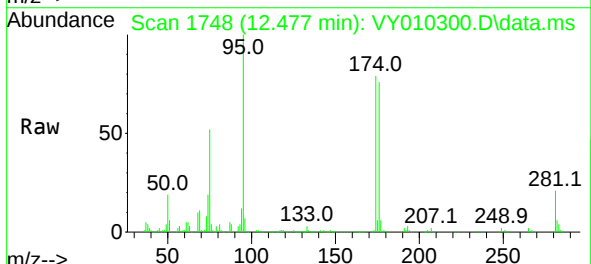
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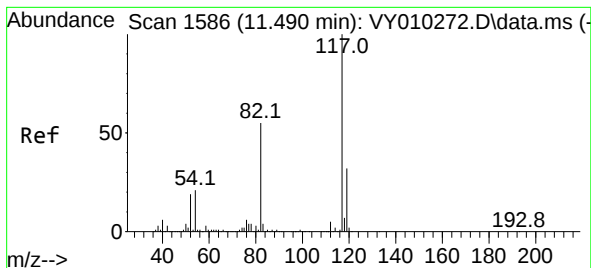
Tgt Ion: 98 Resp: 568241
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Tgt Ion: 95 Resp: 203677
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 81.4 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: VY010300.D

Acq: 03 Sep 2022 01:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9-11

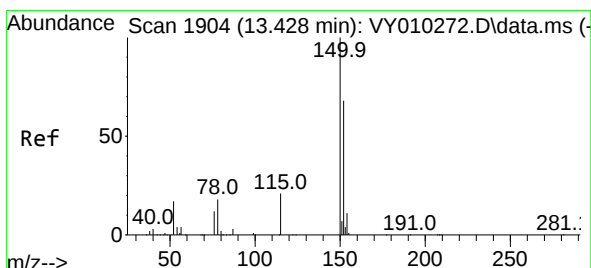
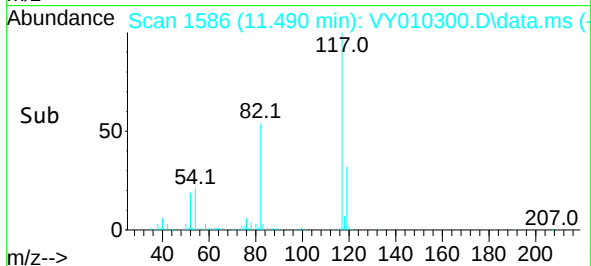
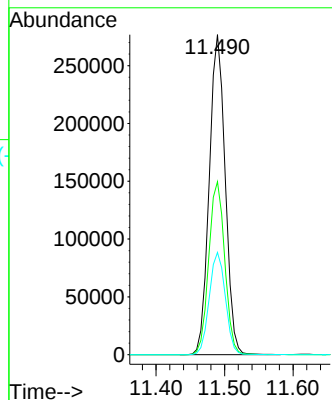
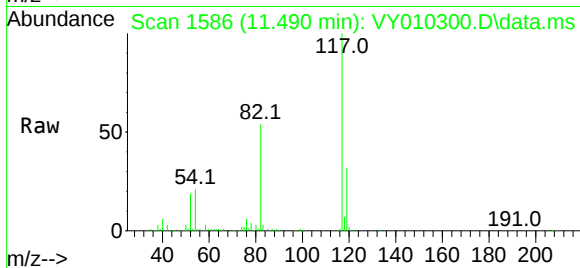
Tgt Ion:117 Resp: 448242

Ion Ratio Lower Upper

117 100

82 54.1 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. -0.006 min

Lab File: VY010300.D

Acq: 03 Sep 2022 01:02

Tgt Ion:152 Resp: 207692

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 155.7 0.0 347.6

