

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010992.D
 Acq On : 18 Oct 2022 13:44
 Operator : KP/MD
 Sample : N5149-11
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW5-GW-938-940

Quant Time: Oct 18 17:03:27 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)

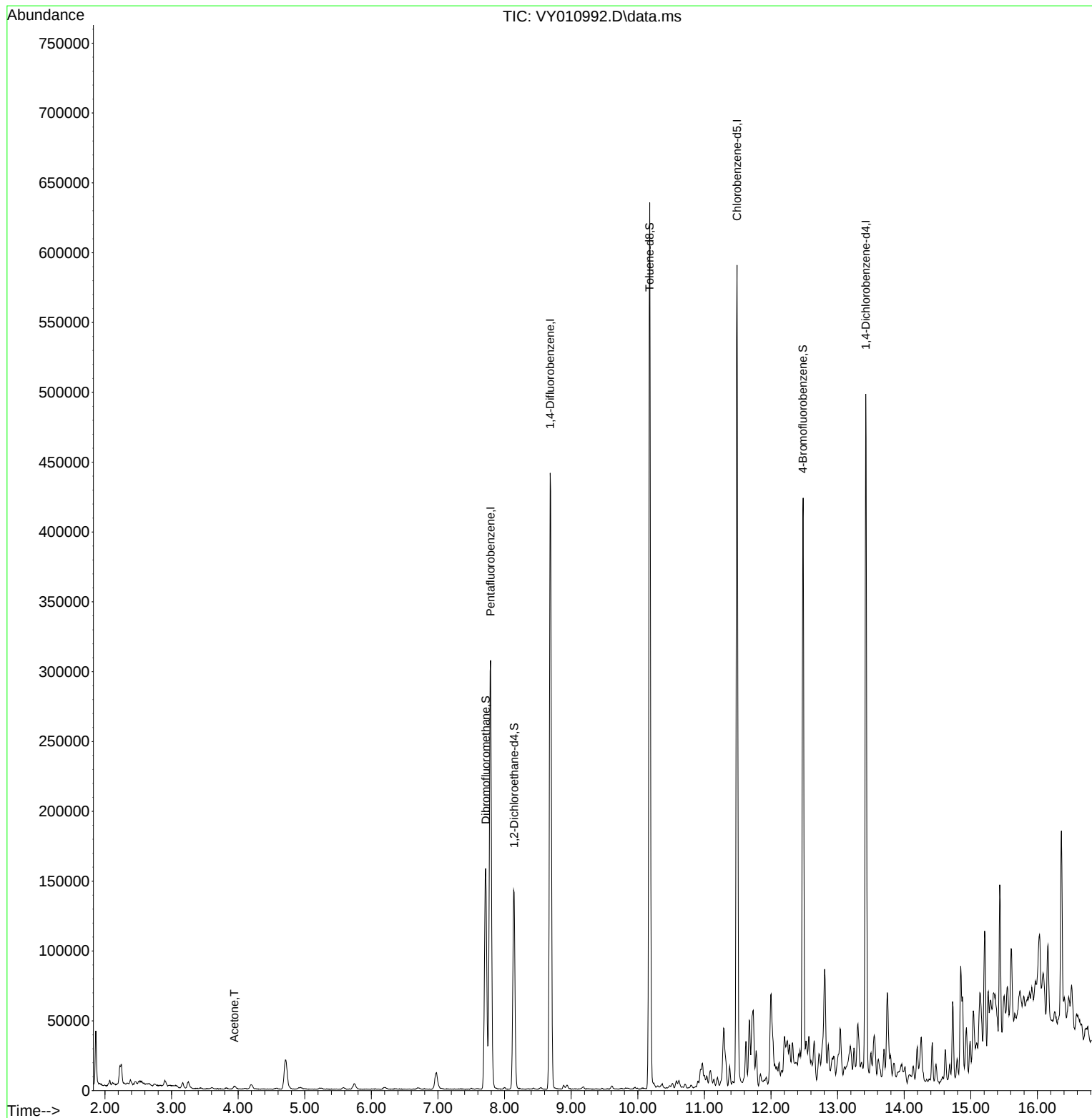
Internal Standards						
1) Pentafluorobenzene	7.789	168	237430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	389428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110216	50.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.716	113	115739	53.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.940%	
50) Toluene-d8	10.179	98	407594	50.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.477	95	126648	43.575	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.160%	
Target Compounds						
16) Acetone	3.942	43	3674	5.785	ug/l	Qvalue # 85

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

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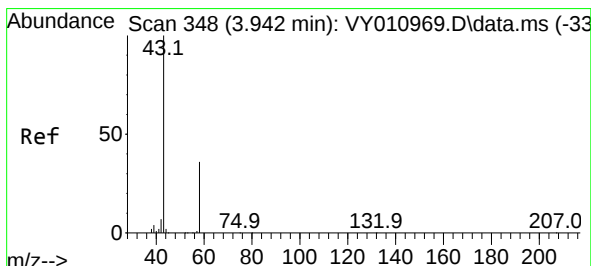
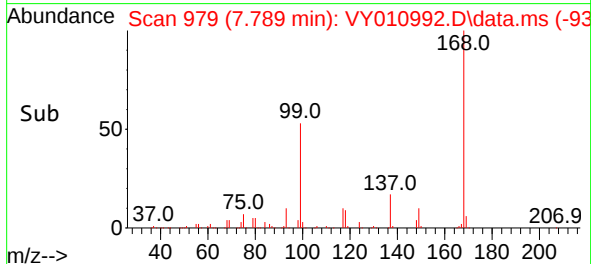
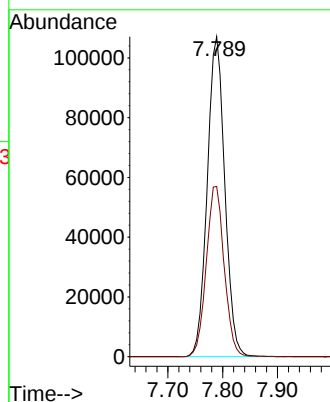
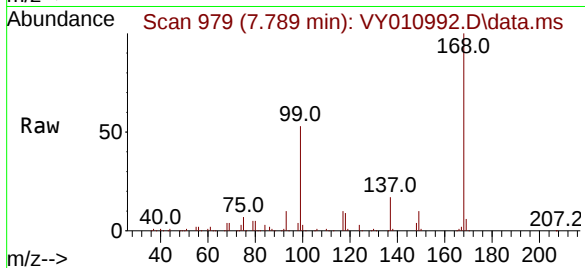




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010992.D
Acq: 18 Oct 2022 13:44

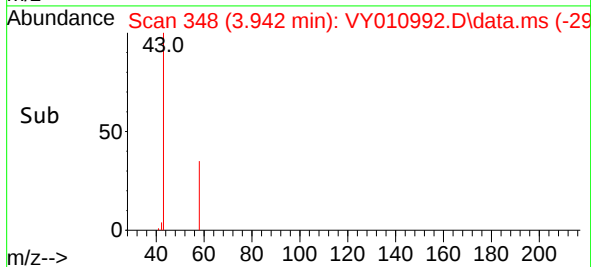
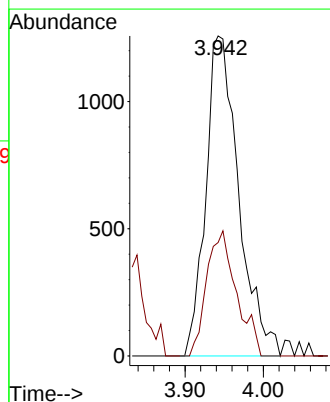
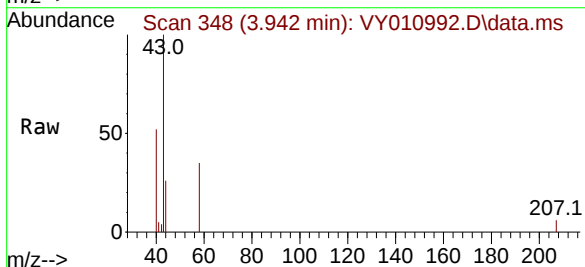
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-938-940

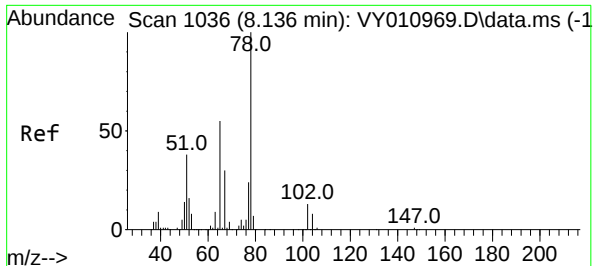
Tgt Ion:168 Resp: 237430
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#16
Acetone
Concen: 5.785 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010992.D
Acq: 18 Oct 2022 13:44

Tgt Ion: 43 Resp: 3674
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 50.394 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY010992.D

Acq: 18 Oct 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

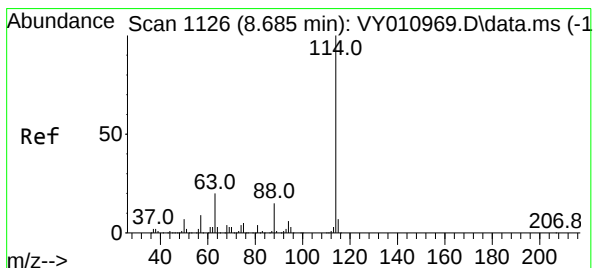
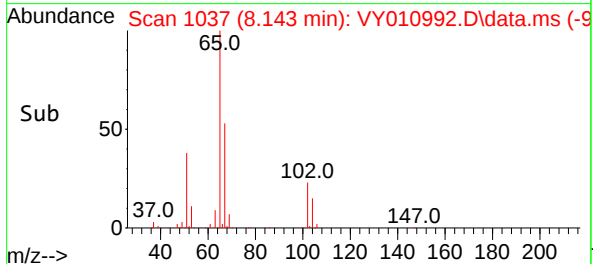
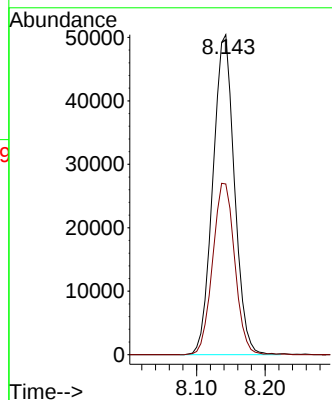
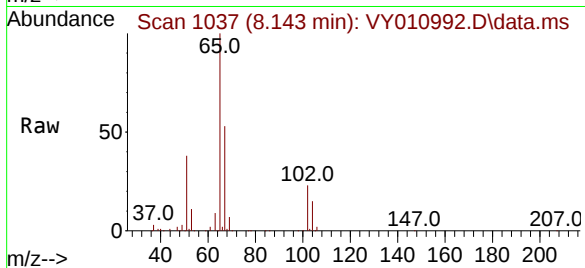
BP-VPB-RW5-GW-938-940

Tgt Ion: 65 Resp: 110216

Ion Ratio Lower Upper

65 100

67 54.9 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: VY010992.D

Acq: 18 Oct 2022 13:44

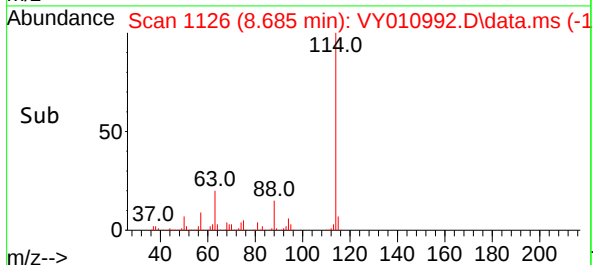
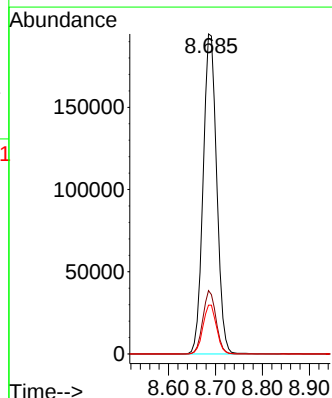
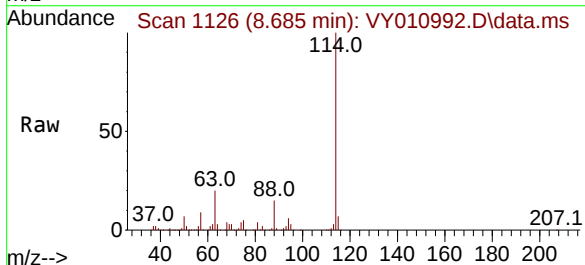
Tgt Ion: 114 Resp: 389428

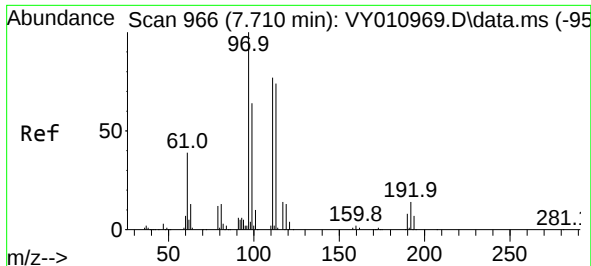
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.3 0.0 31.8

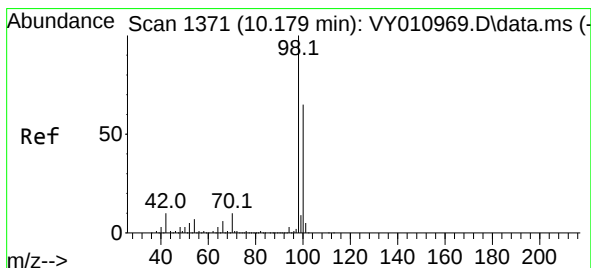
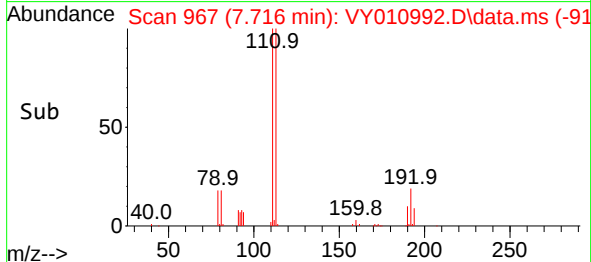
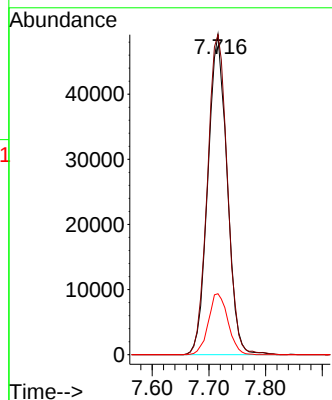
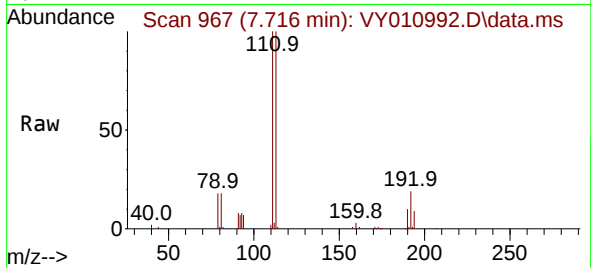




#35
Dibromofluoromethane
Concen: 53.466 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010992.D
Acq: 18 Oct 2022 13:44

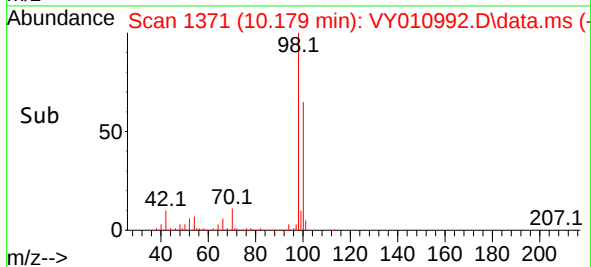
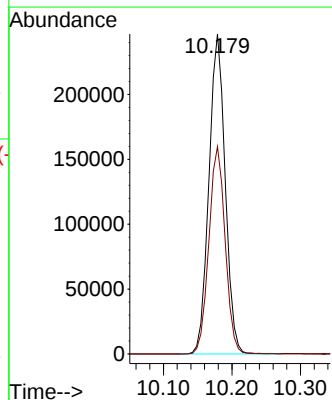
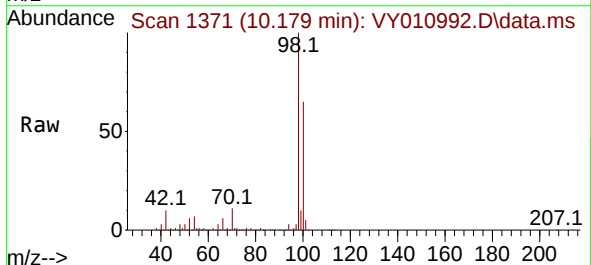
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-938-940

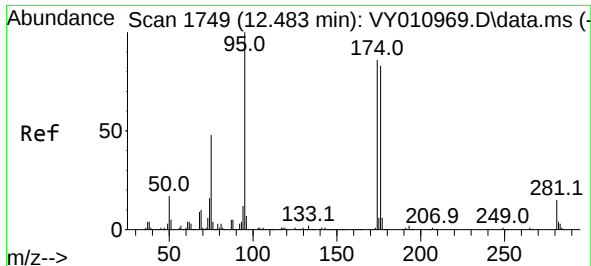
Tgt Ion:113 Resp: 115739
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 50.127 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010992.D
Acq: 18 Oct 2022 13:44

Tgt Ion: 98 Resp: 407594
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 43.575 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010992.D

Acq: 18 Oct 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW5-GW-938-940

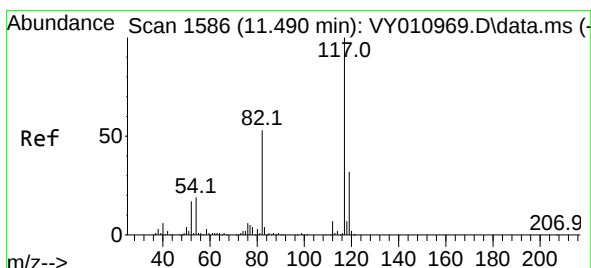
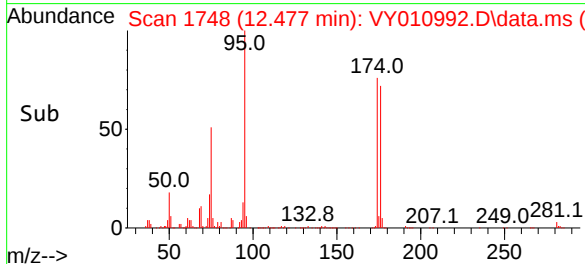
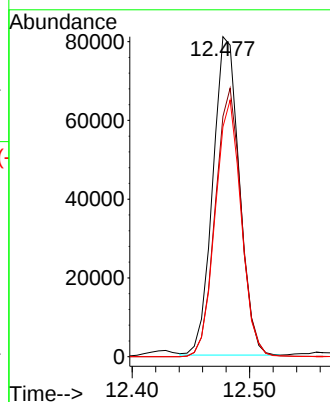
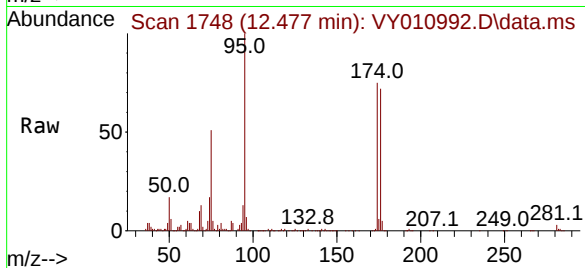
Tgt Ion: 95 Resp: 126648

Ion Ratio Lower Upper

95 100

174 82.9 0.0 177.0

176 79.0 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: VY010992.D

Acq: 18 Oct 2022 13:44

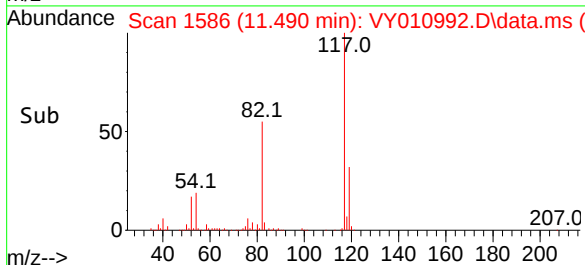
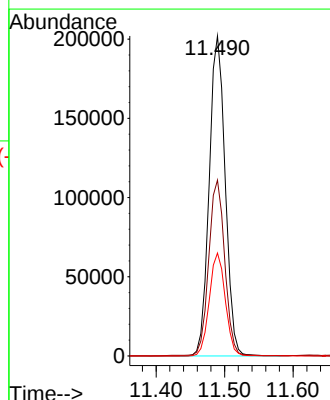
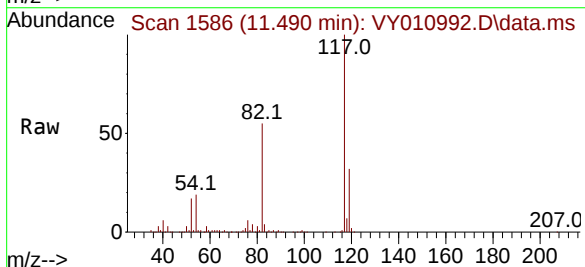
Tgt Ion: 117 Resp: 327737

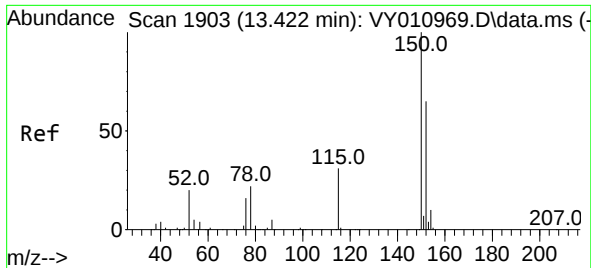
Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.4

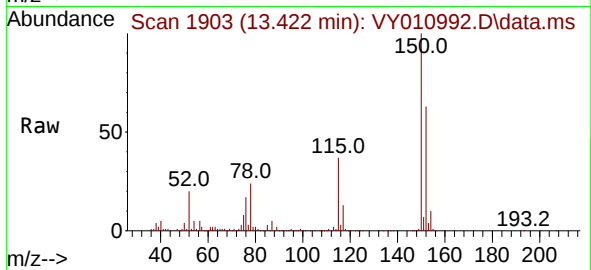
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010992.D
 Acq: 18 Oct 2022 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW5-GW-938-940



Tgt Ion:152 Resp: 124408
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 157.2 0.0 347.6

