

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011392.D
 Acq On : 10 Nov 2022 15:53
 Operator : KP/MD
 Sample : N5436-09RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-09RE

Quant Time: Nov 10 17:57:39 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	51335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32664	75.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.860%
35) Dibromofluoromethane	7.716	113	32006	72.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.760%
50) Toluene-d8	10.179	98	107128	63.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.700%
62) 4-Bromofluorobenzene	12.477	95	30051	51.353	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.700%

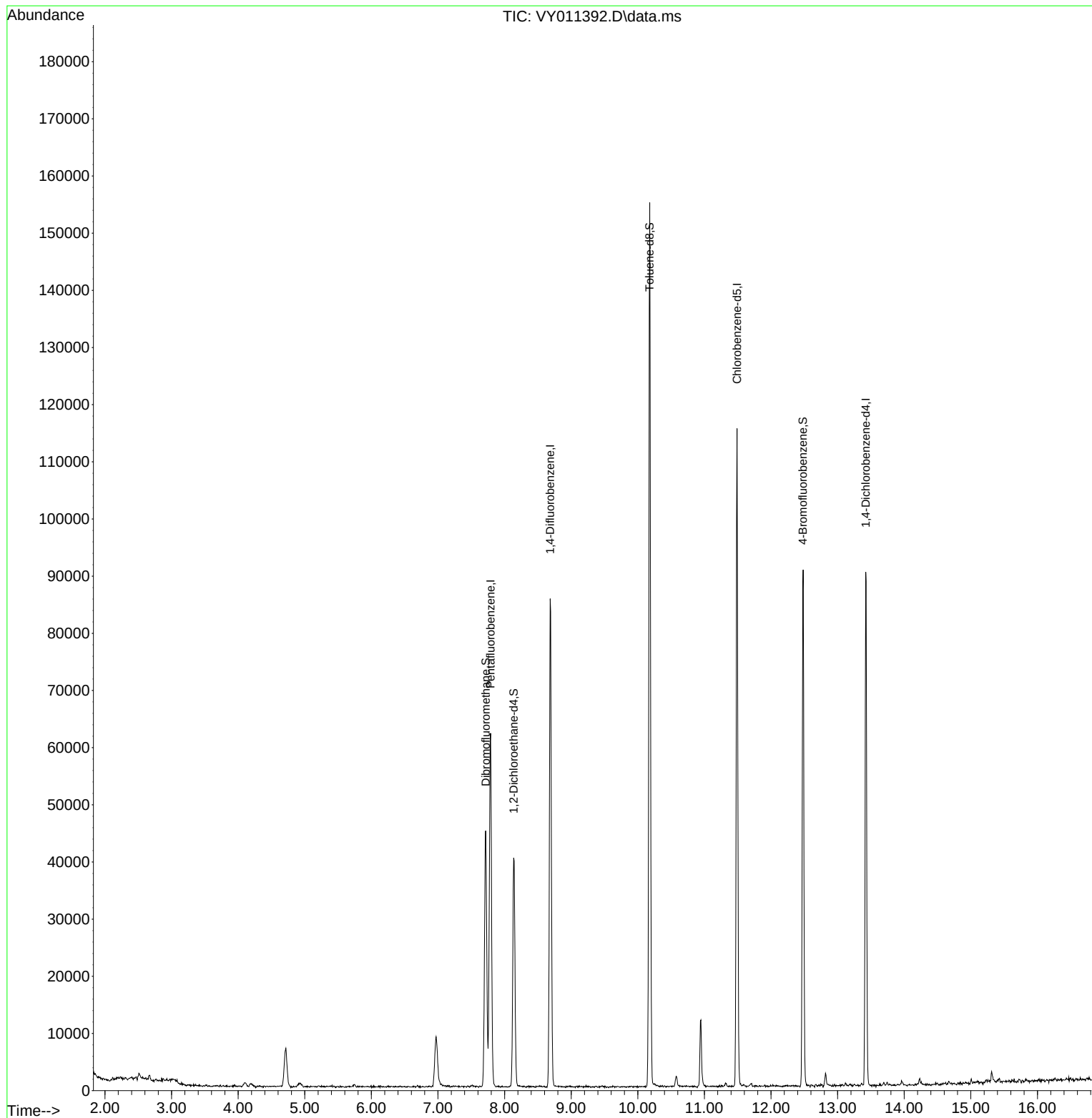
Target Compounds	Qvalue

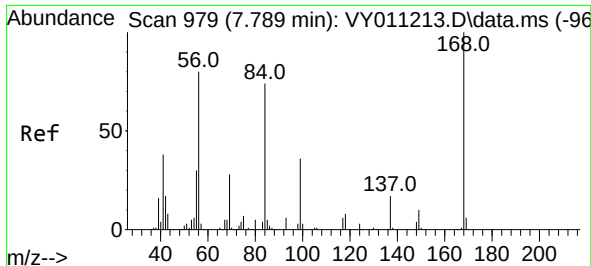
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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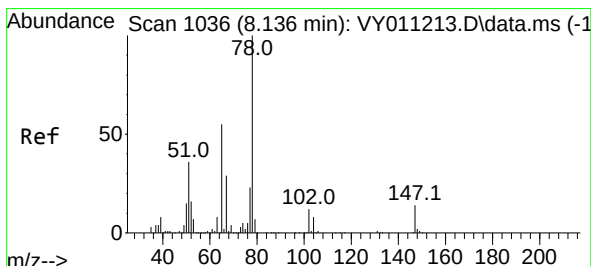
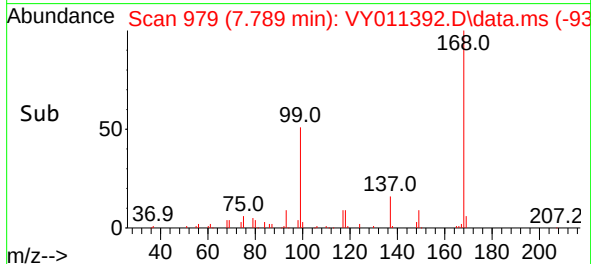
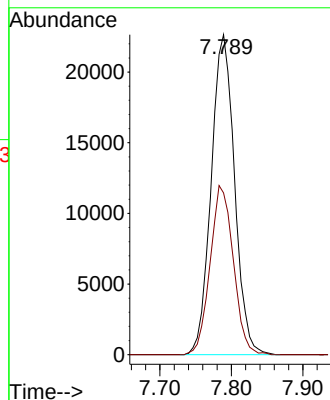
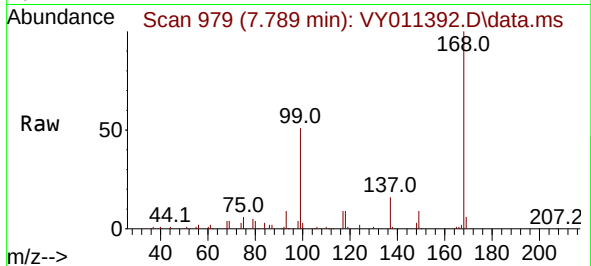




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

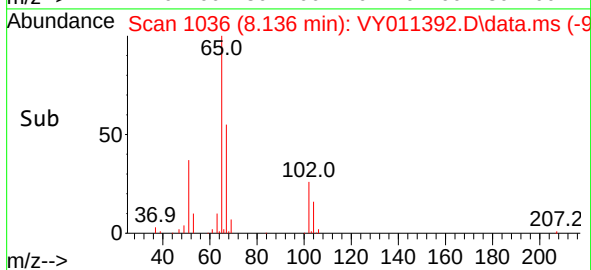
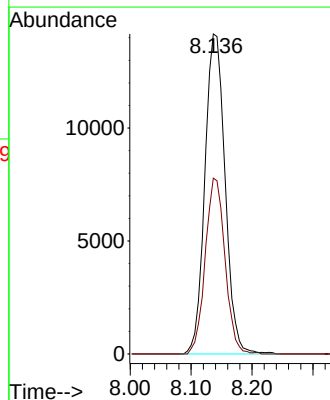
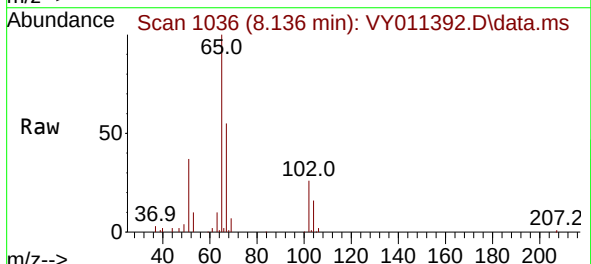
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

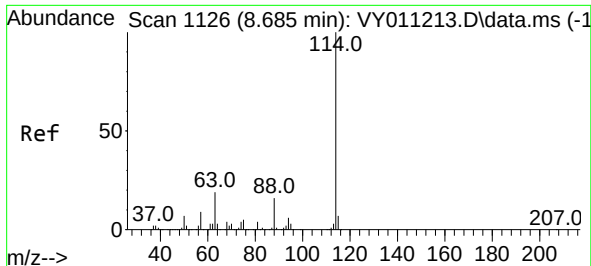
Tgt Ion:168 Resp: 51335
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 75.932 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 65 Resp: 32664
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

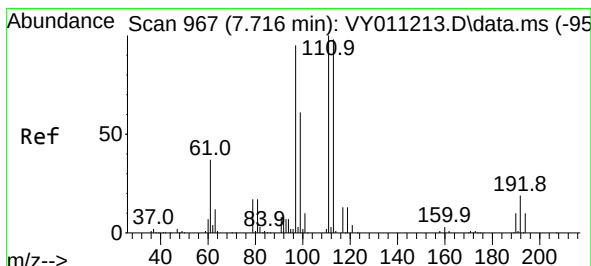
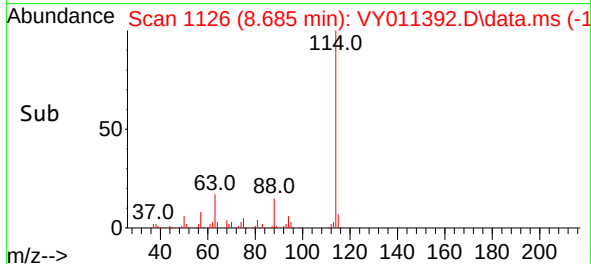
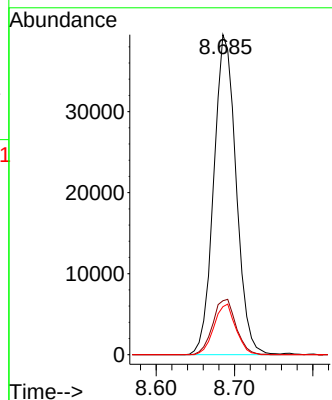
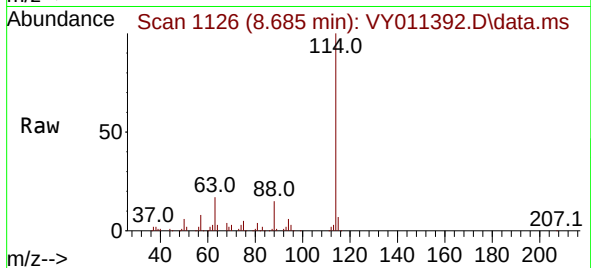




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011392.D
 Acq: 10 Nov 2022 15:53

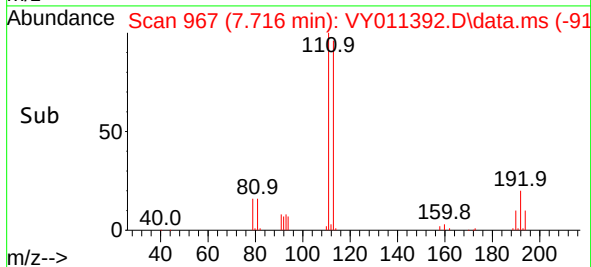
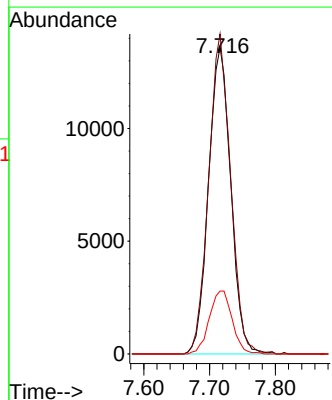
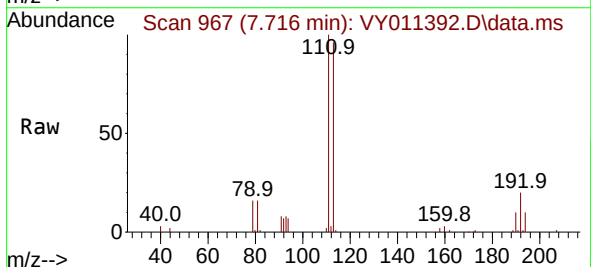
Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-09RE

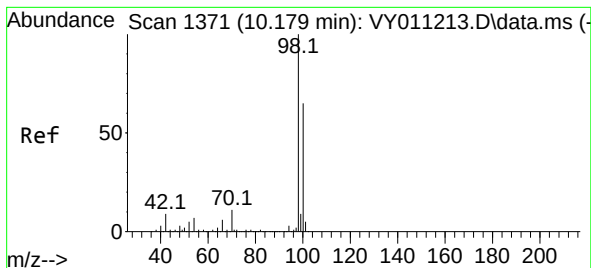
Tgt Ion:	114	Resp:	78364
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	43.2
88	15.0	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 72.878 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VY011392.D
 Acq: 10 Nov 2022 15:53

Tgt Ion:	113	Resp:	32006
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	21.2	17.6	26.4





#50

Toluene-d8

Concen: 63.852 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011392.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

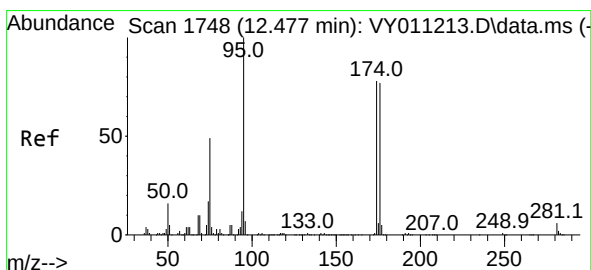
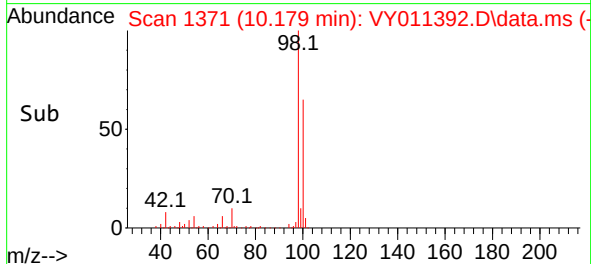
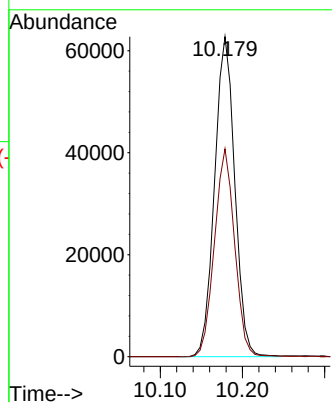
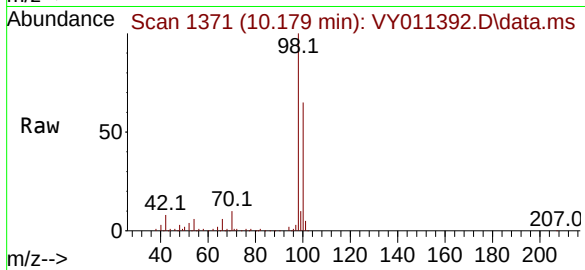
250FERRYBLVD-TFS-09RE

Tgt Ion: 98 Resp: 107128

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 51.353 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011392.D

Acq: 10 Nov 2022 15:53

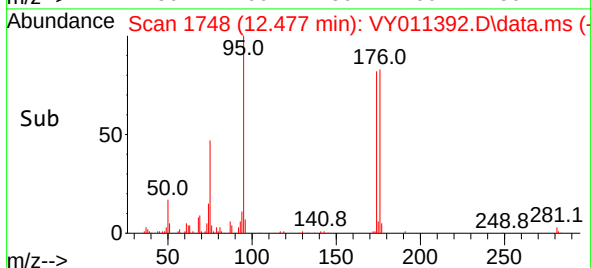
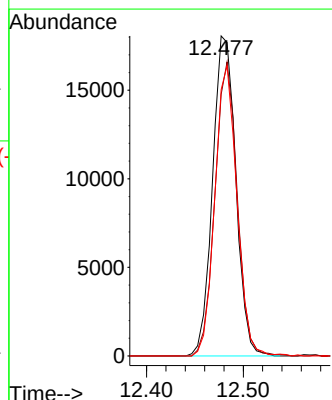
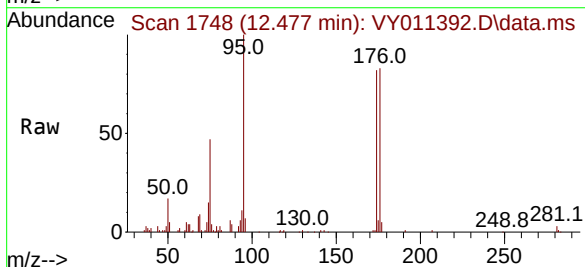
Tgt Ion: 95 Resp: 30051

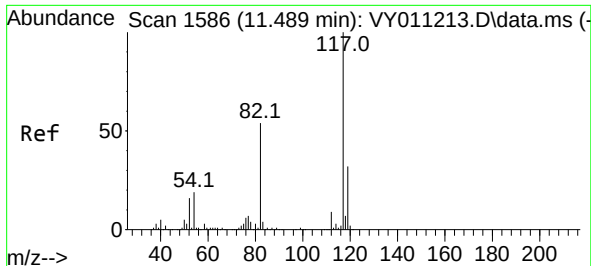
Ion Ratio Lower Upper

95 100

174 88.1 0.0 177.0

176 86.5 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: VY011392.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-09RE

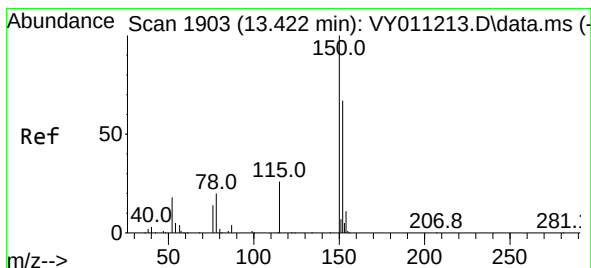
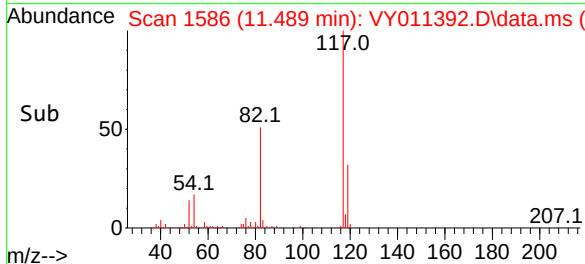
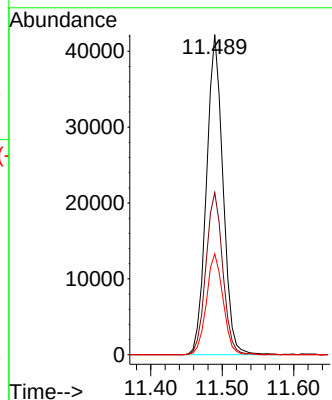
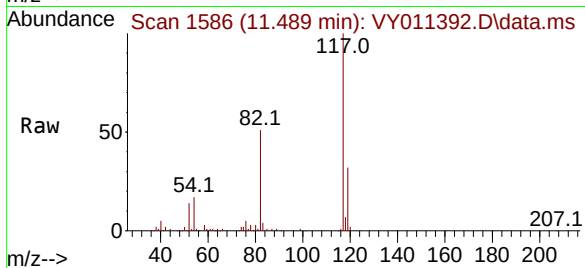
Tgt Ion:117 Resp: 67740

Ion Ratio Lower Upper

117 100

82 50.7 43.0 64.4

119 31.5 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: VY011392.D

Acq: 10 Nov 2022 15:53

Tgt Ion:152 Resp: 25851

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 156.7 0.0 347.6

