

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011369.D
 Acq On : 08 Nov 2022 17:57
 Operator : KP/MD
 Sample : N5436-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-03

Quant Time: Nov 09 03:34:17 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)

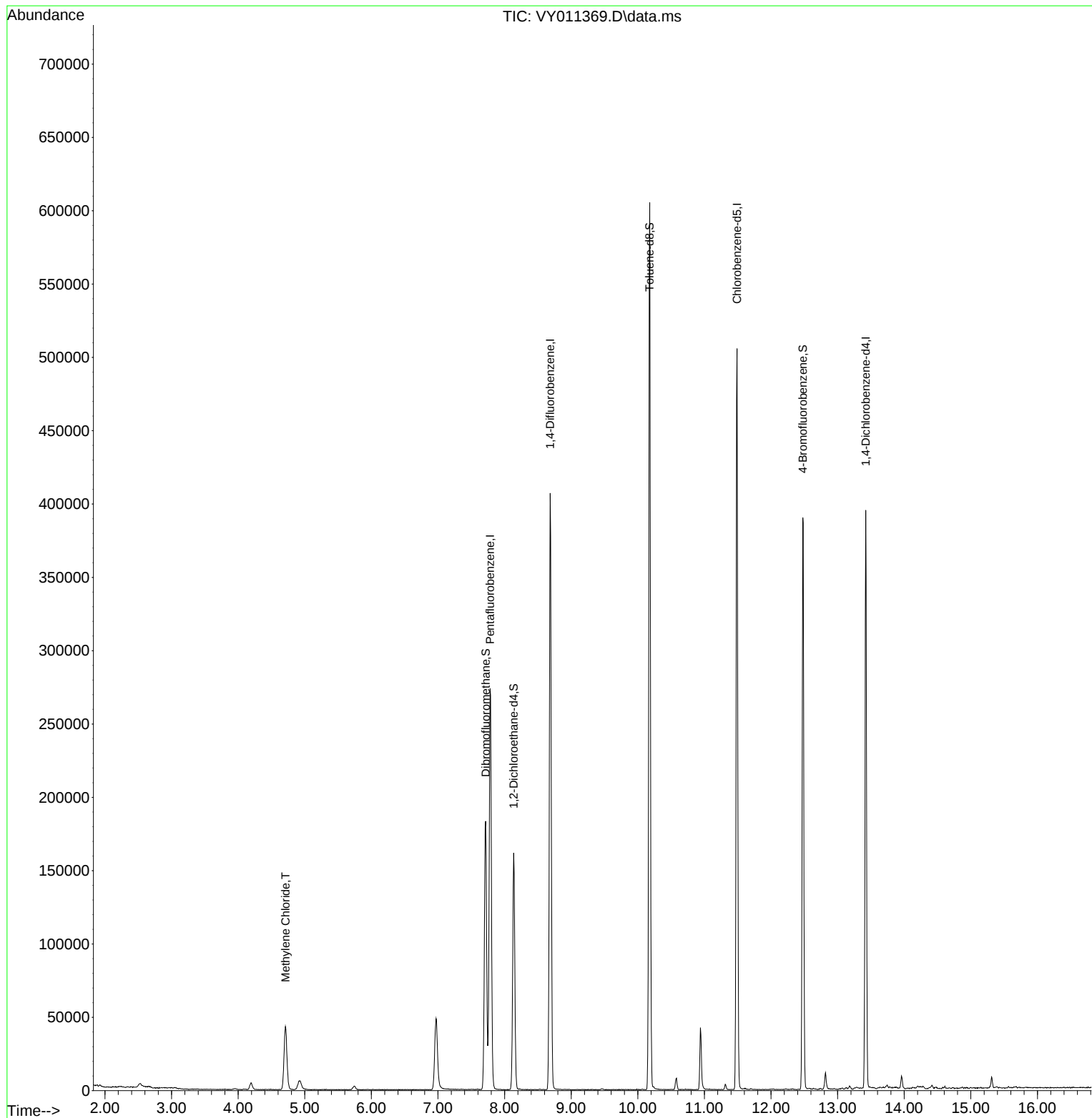
Internal Standards						
1) Pentafluorobenzene	7.783	168	223459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	365175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121212	50.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.716	113	133635	56.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.920%	
50) Toluene-d8	10.179	98	409054	44.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.800%	
62) 4-Bromofluorobenzene	12.477	95	123105	38.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.860%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	34884	7.555	ug/l	# 79

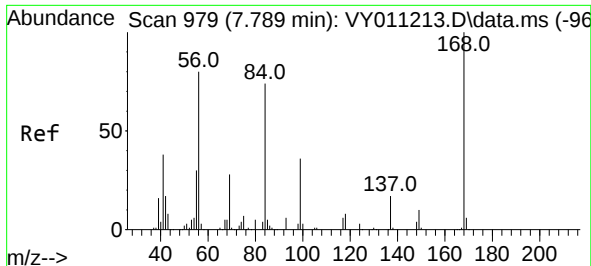
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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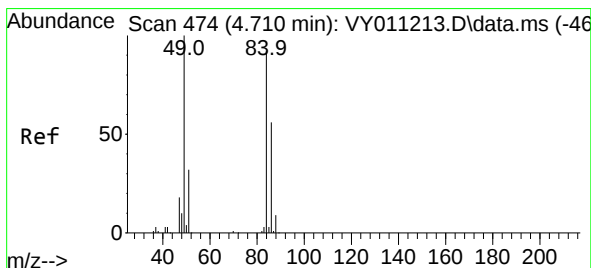
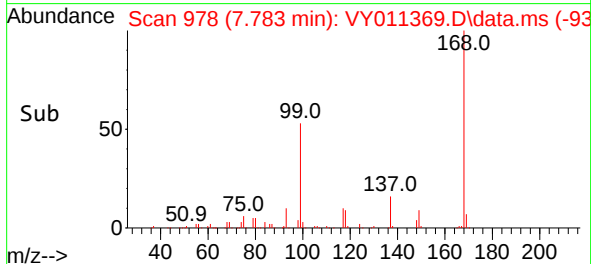
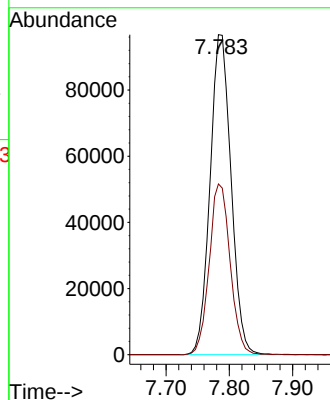
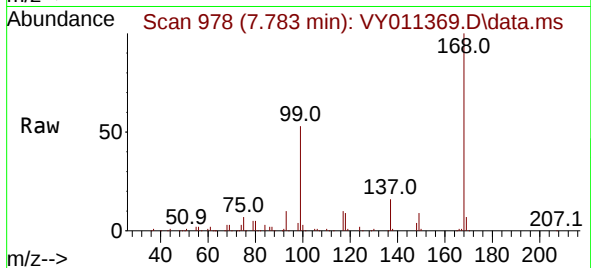




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

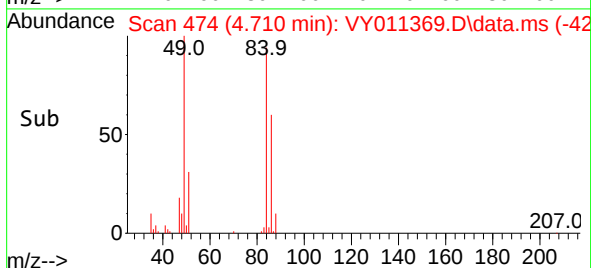
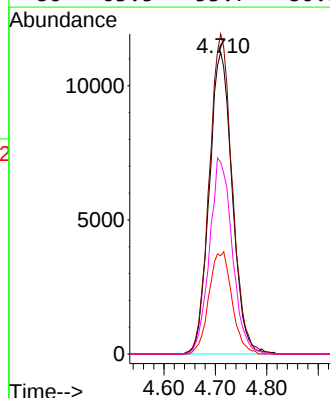
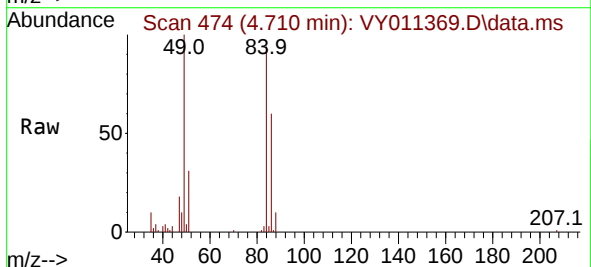
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-03

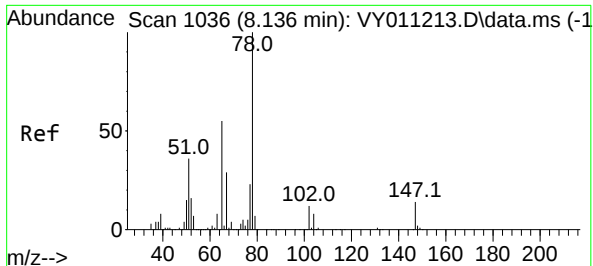
Tgt Ion:168 Resp: 223459
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#20
Methylene Chloride
Concen: 7.555 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 84 Resp: 34884
Ion Ratio Lower Upper
84 100
49 106.0 114.4 171.6#
51 32.5 35.3 52.9#
86 63.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.718 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011369.D

Acq: 08 Nov 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

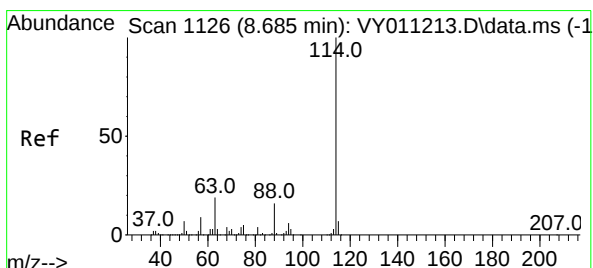
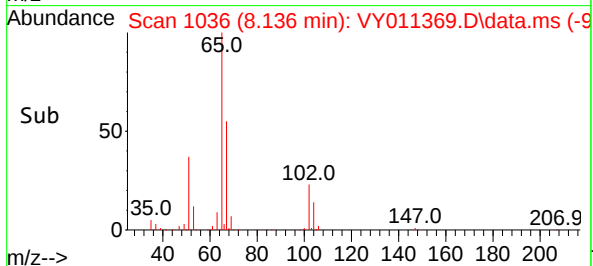
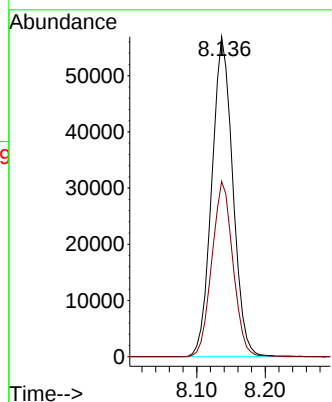
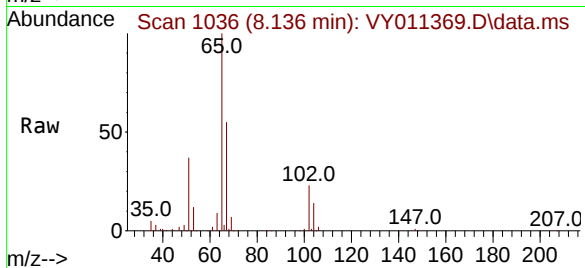
250FERRYBLVD-TFS-03

Tgt Ion: 65 Resp: 121212

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: VY011369.D

Acq: 08 Nov 2022 17:57

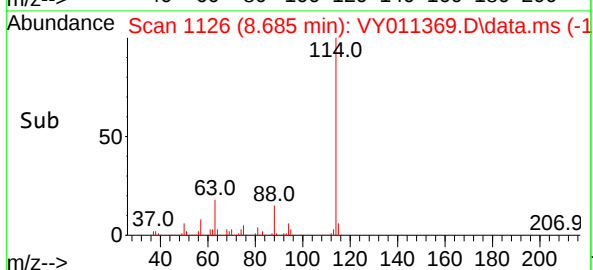
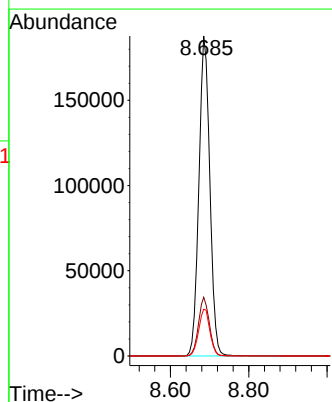
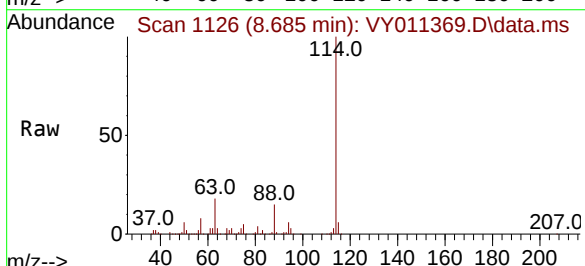
Tgt Ion: 114 Resp: 365175

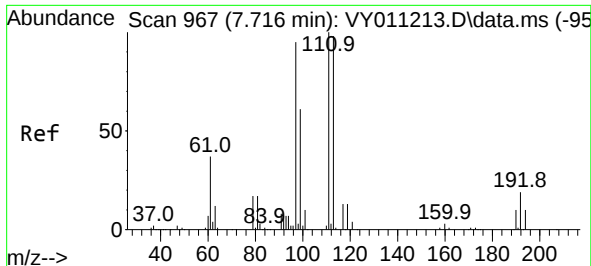
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.6 0.0 31.8

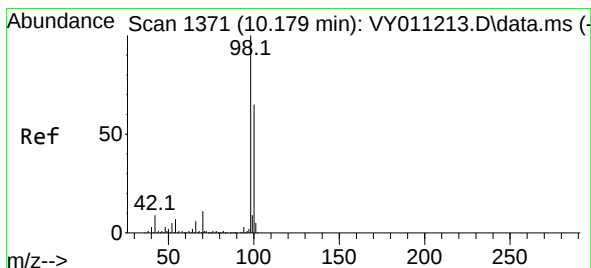
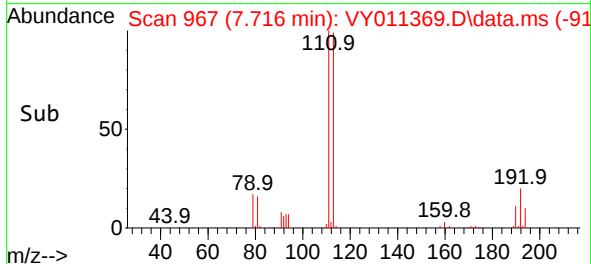
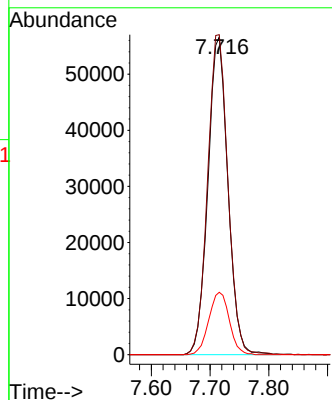
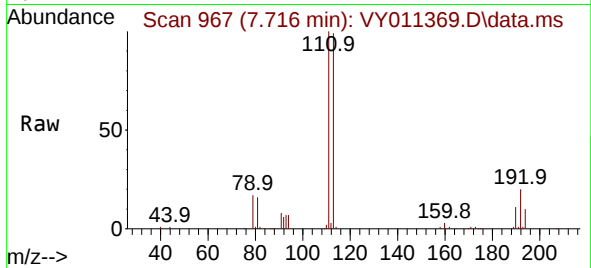




#35
Dibromofluoromethane
Concen: 56.957 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

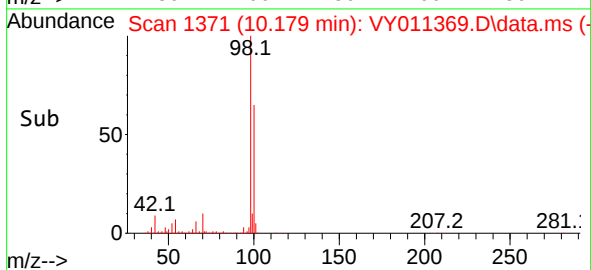
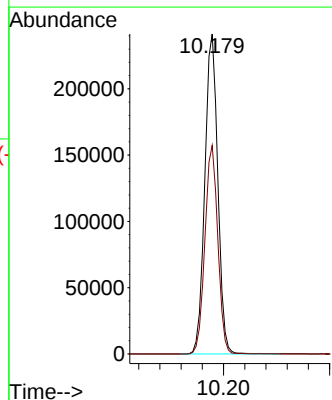
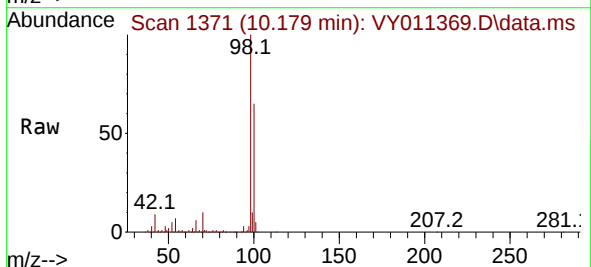
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-03

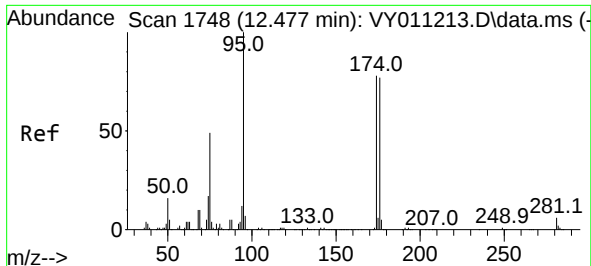
Tgt Ion:113 Resp: 133635
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 44.904 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 98 Resp: 409054
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 38.927 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011369.D

Acq: 08 Nov 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-03

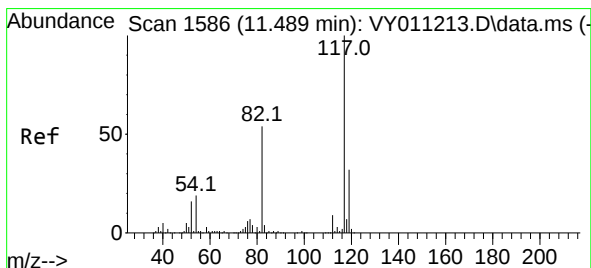
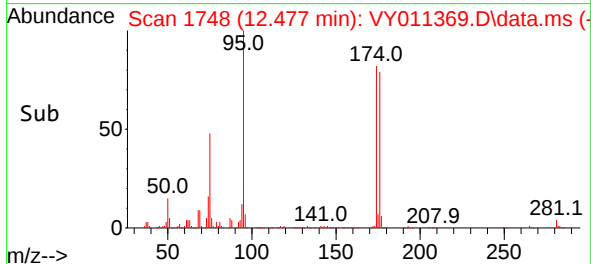
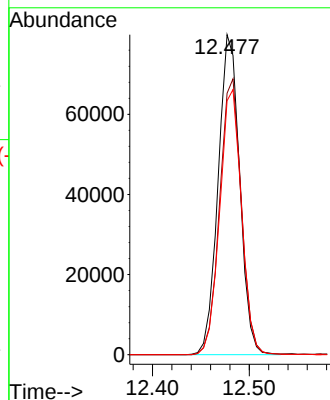
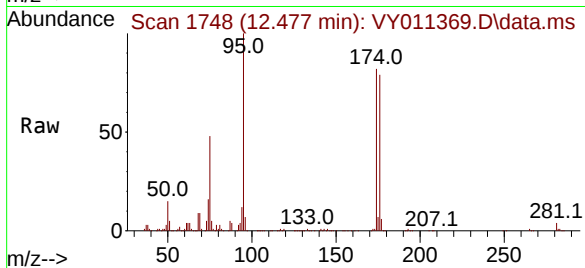
Tgt Ion: 95 Resp: 123105

Ion Ratio Lower Upper

95 100

174 87.2 0.0 177.0

176 83.9 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011369.D

Acq: 08 Nov 2022 17:57

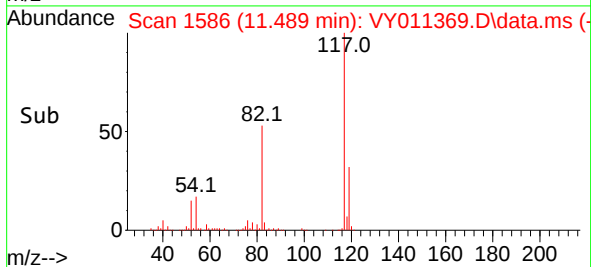
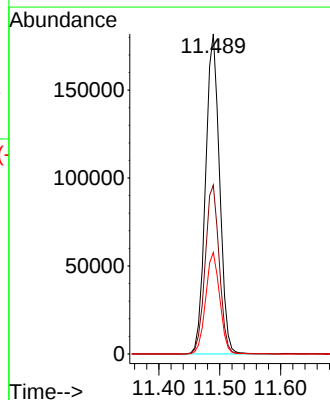
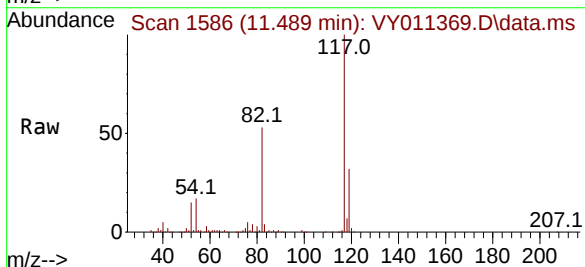
Tgt Ion: 117 Resp: 291372

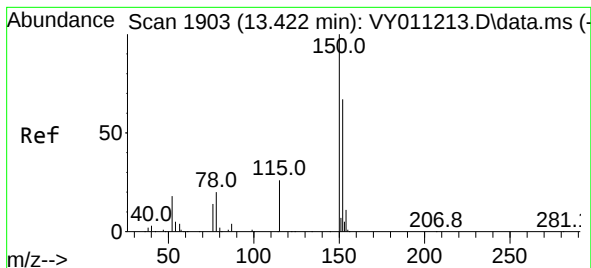
Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 31.7 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: VY011369.D

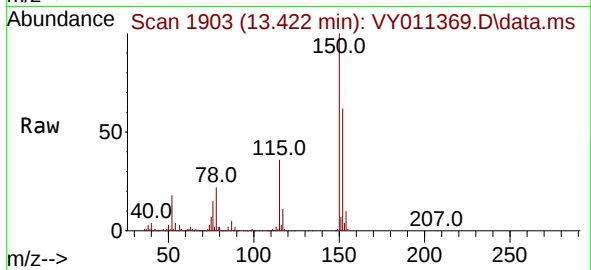
Acq: 08 Nov 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-03



Tgt Ion:152 Resp: 106836

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 158.1 0.0 347.6

