

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011320.D
 Acq On : 04 Nov 2022 23:56
 Operator : KP/MD
 Sample : N5436-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-11

Quant Time: Nov 07 01:57:40 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)

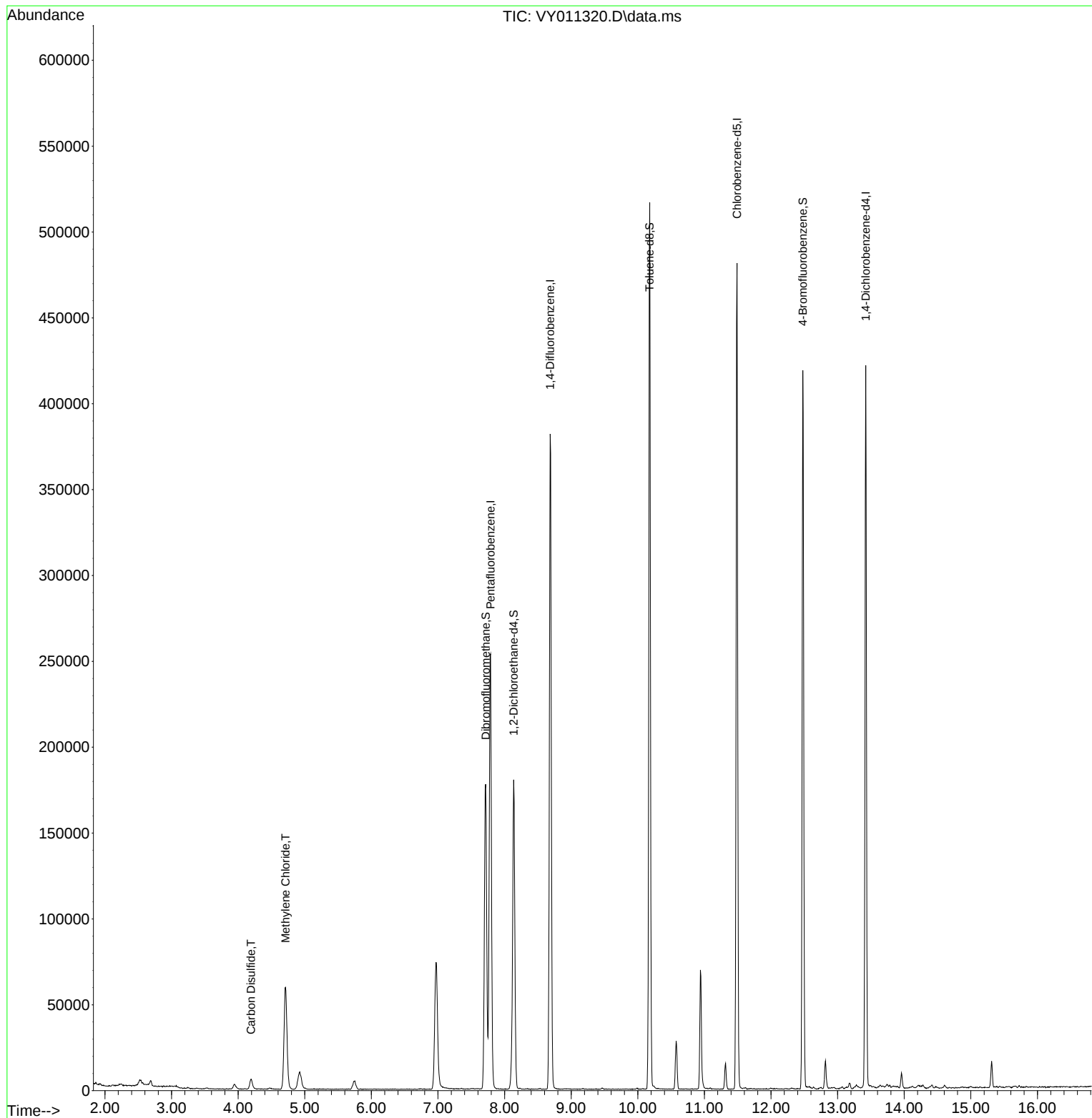
Internal Standards						
1) Pentafluorobenzene	7.789	168	204241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131917	60.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.780%	
35) Dibromofluoromethane	7.716	113	131683	60.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.780%	
50) Toluene-d8	10.179	98	343308	40.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.100%	
62) 4-Bromofluorobenzene	12.477	95	128333	43.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.320%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.192	76	7974	1.093	ug/l	97
20) Methylene Chloride	4.710	84	48171	14.270	ug/l #	82

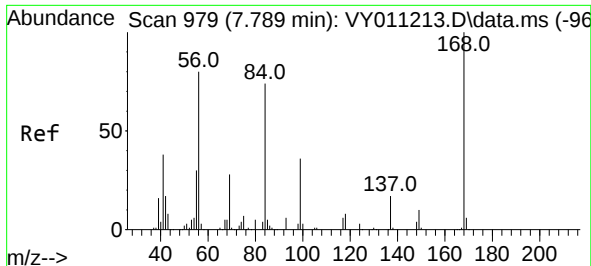
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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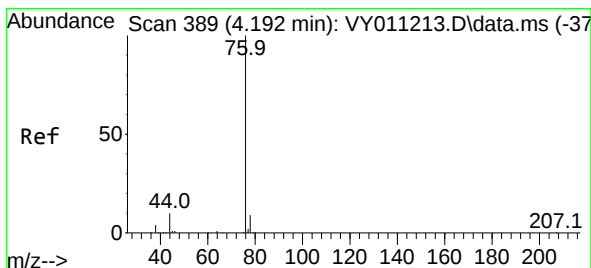
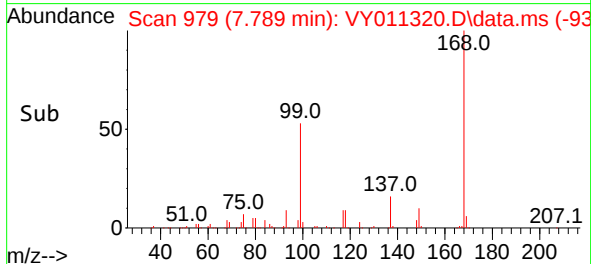
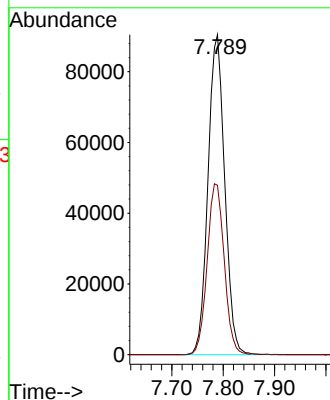
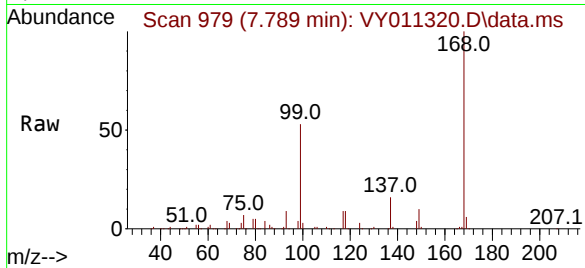




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

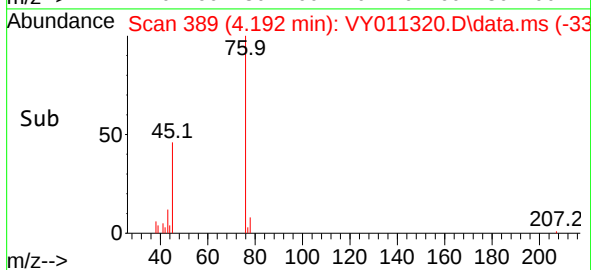
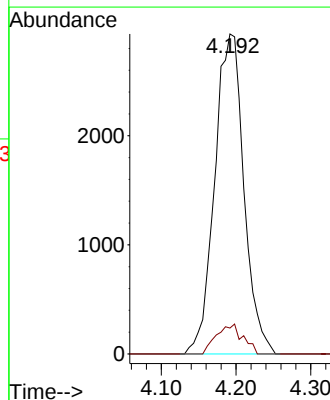
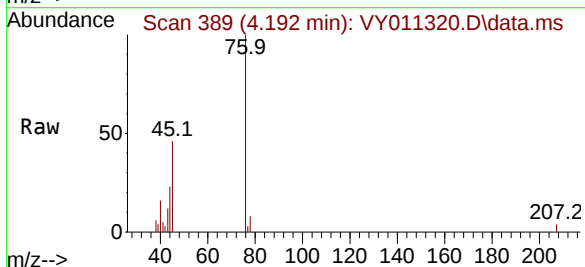
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-11

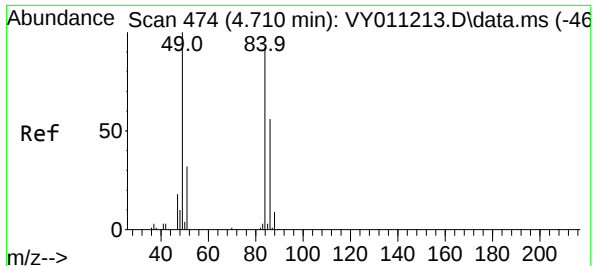
Tgt Ion:168 Resp: 204241
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#17
Carbon Disulfide
Concen: 1.093 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 76 Resp: 7974
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

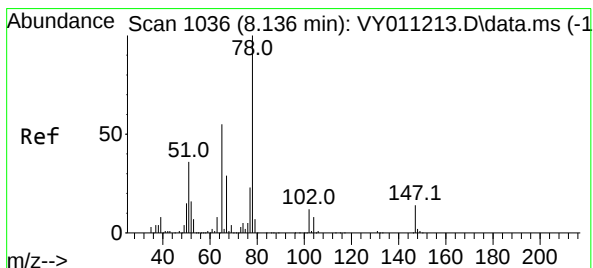
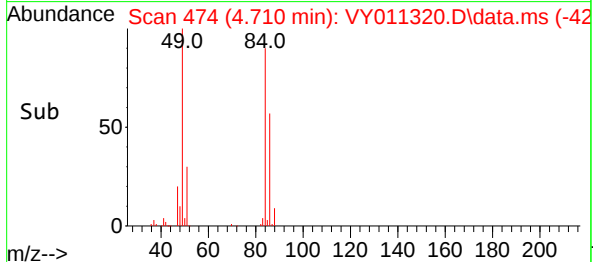
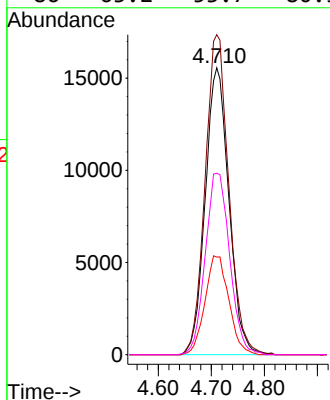
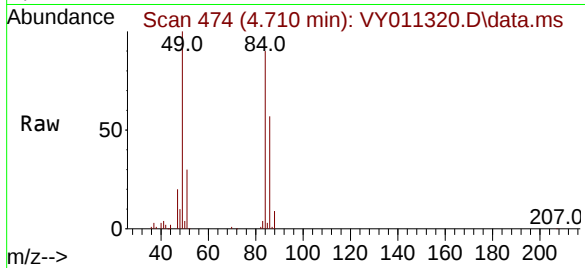




#20
Methylene Chloride
Concen: 14.270 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

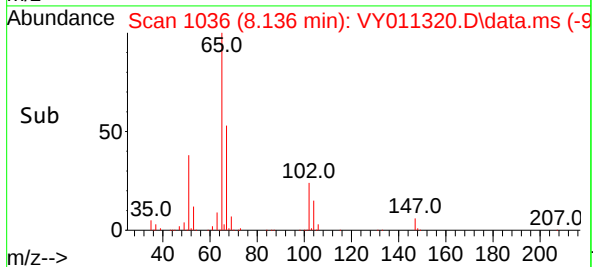
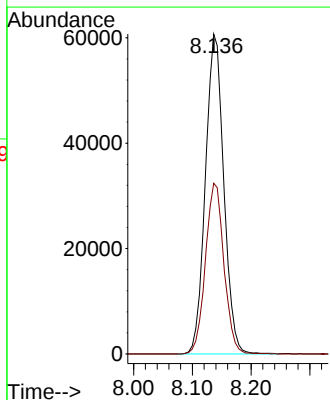
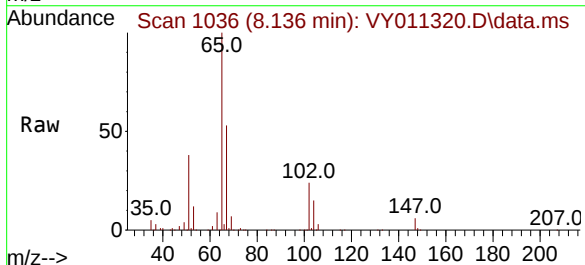
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-11

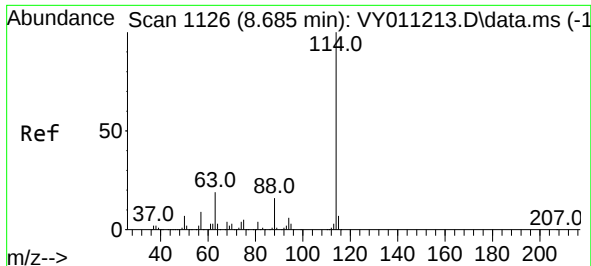
Tgt Ion: 84 Resp: 48171
Ion Ratio Lower Upper
84 100
49 111.5 114.4 171.6#
51 34.0 35.3 52.9#
86 63.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 60.391 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 65 Resp: 131917
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

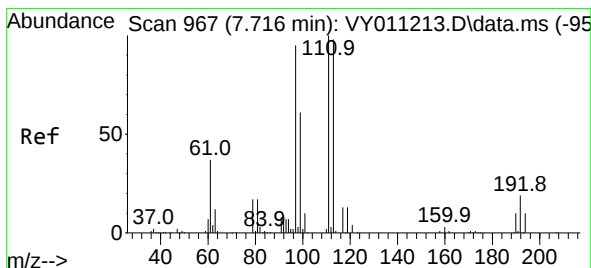
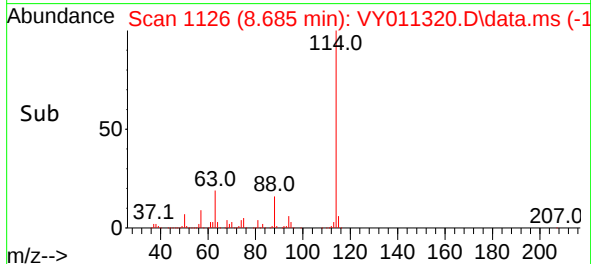
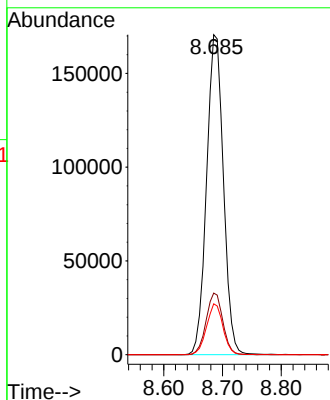
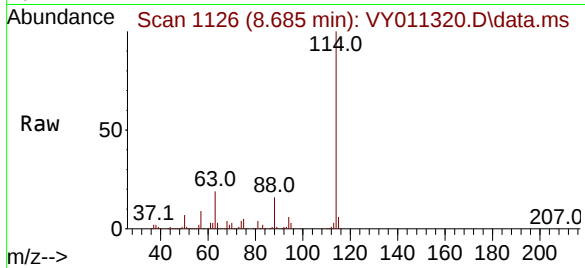




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

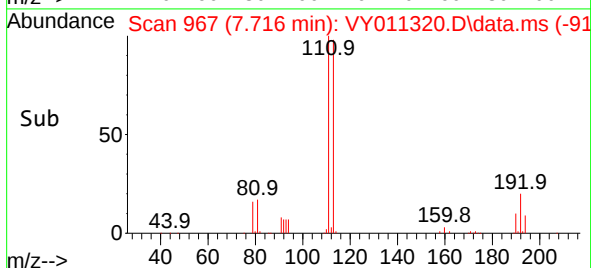
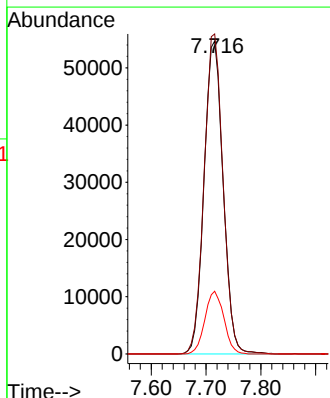
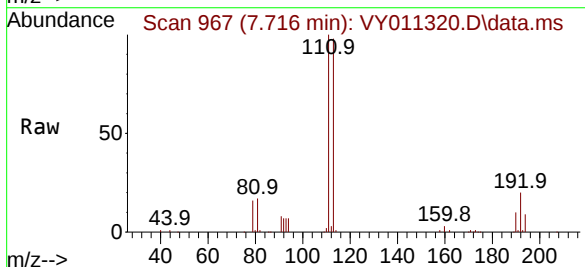
Instrument :
MSVOA_Y
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250FERRYBLVD-TFS-11

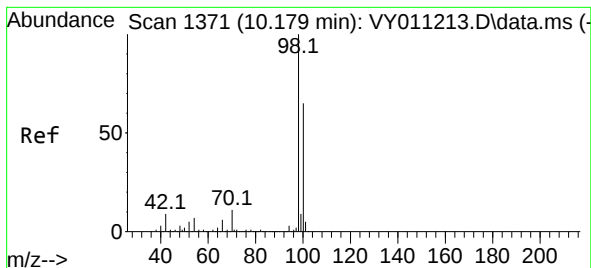
Tgt Ion:114 Resp: 339386
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.390 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion:113 Resp: 131683
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.9 17.6 26.4





#50

Toluene-d8

Concen: 40.551 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011320.D

Acq: 04 Nov 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

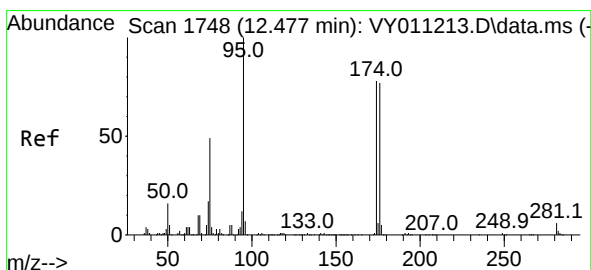
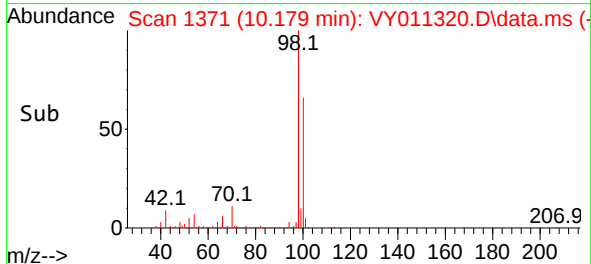
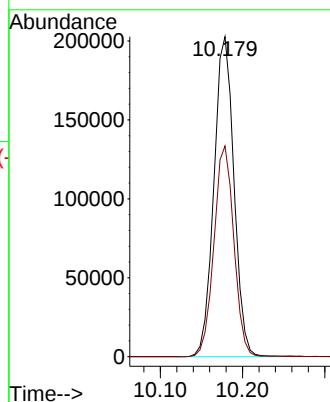
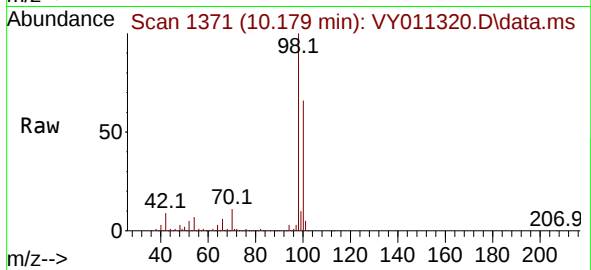
250FERRYBLVD-TFS-11

Tgt Ion: 98 Resp: 343308

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 43.664 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011320.D

Acq: 04 Nov 2022 23:56

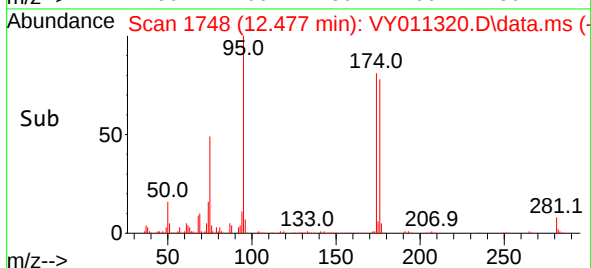
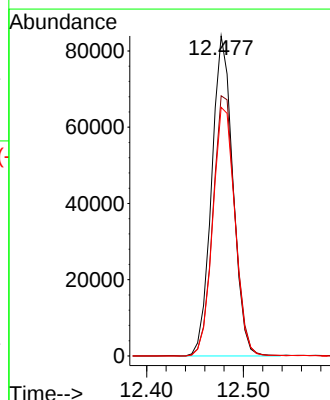
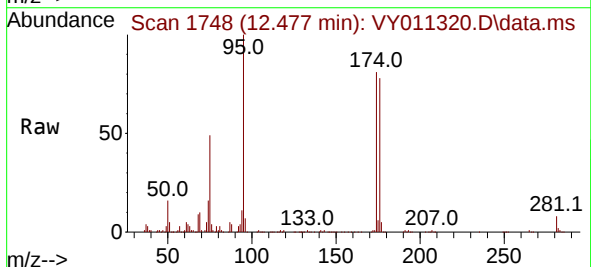
Tgt Ion: 95 Resp: 128333

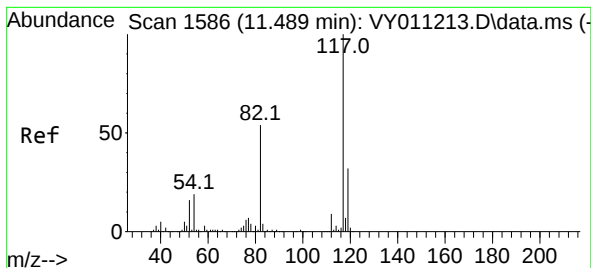
Ion Ratio Lower Upper

95 100

174 84.2 0.0 177.0

176 81.0 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: VY011320.D

Acq: 04 Nov 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-11

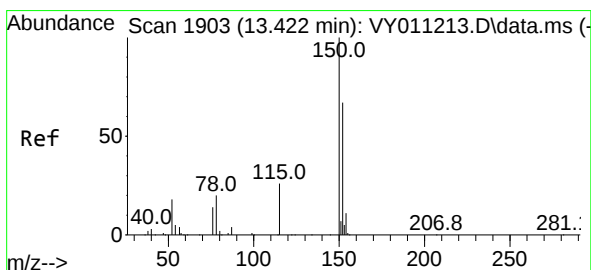
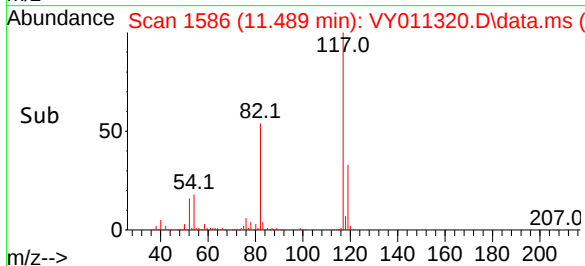
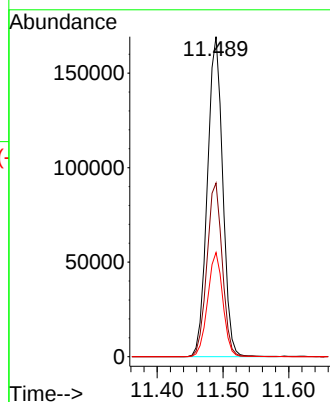
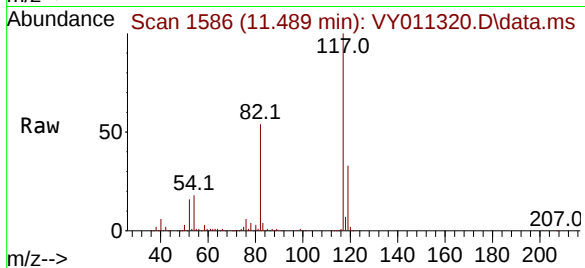
Tgt Ion:117 Resp: 274695

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 32.6 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: VY011320.D

Acq: 04 Nov 2022 23:56

Tgt Ion:152 Resp: 111334

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 157.1 0.0 347.6

