

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011371.D
 Acq On : 08 Nov 2022 18:42
 Operator : KP/MD
 Sample : N5436-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-01

Quant Time: Nov 09 03:34:51 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)

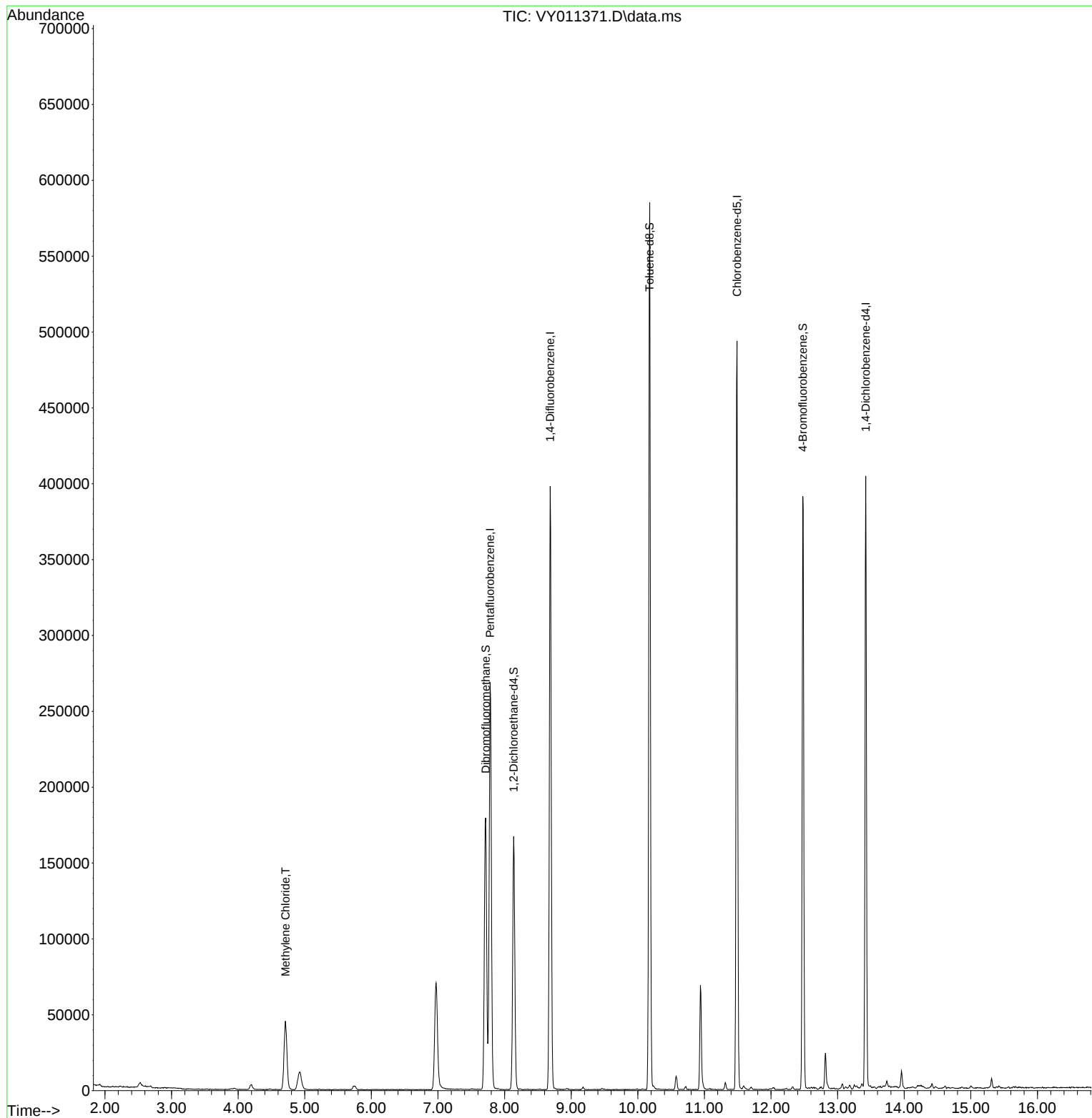
Internal Standards						
1) Pentafluorobenzene	7.783	168	216870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125782	54.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.460%	
35) Dibromofluoromethane	7.716	113	132948	58.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.180%	
50) Toluene-d8	10.179	98	396039	44.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.900%	
62) 4-Bromofluorobenzene	12.477	95	123512	40.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.760%	
Target Compounds						
20) Methylene Chloride	4.710	84	36328	8.515	ug/l	Qvalue # 79

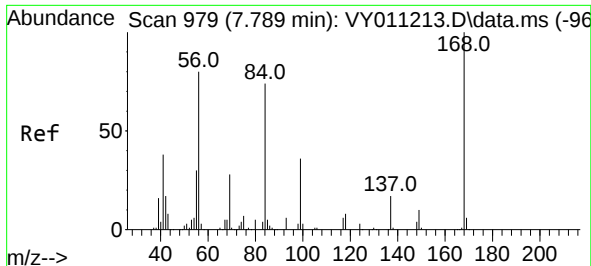
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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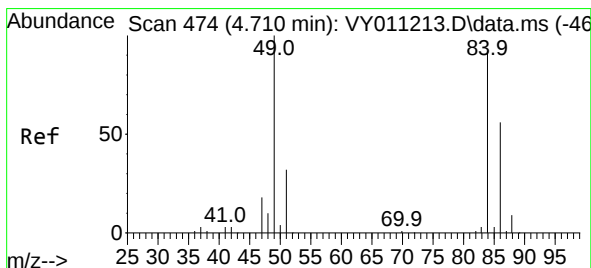
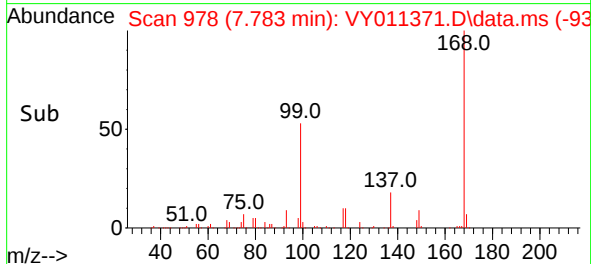
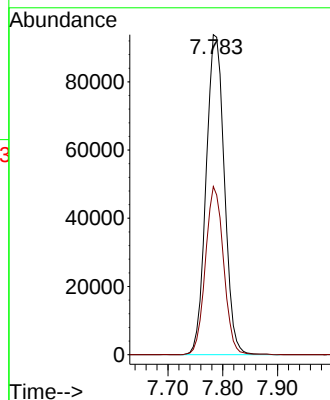
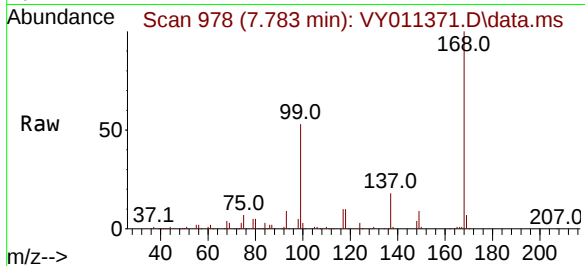




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

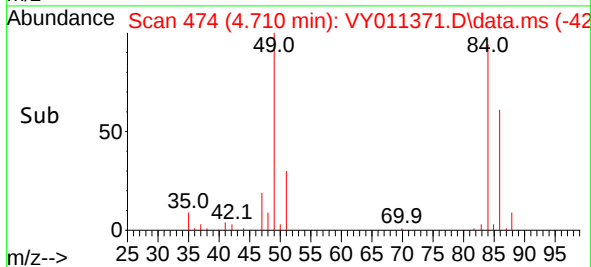
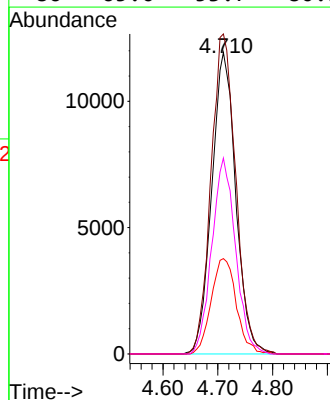
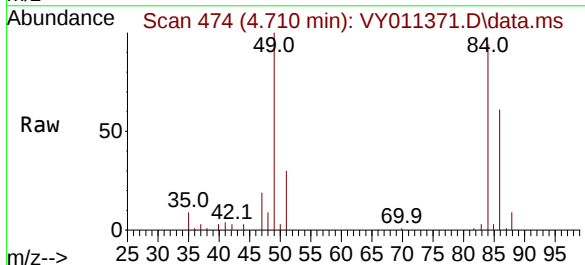
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-01

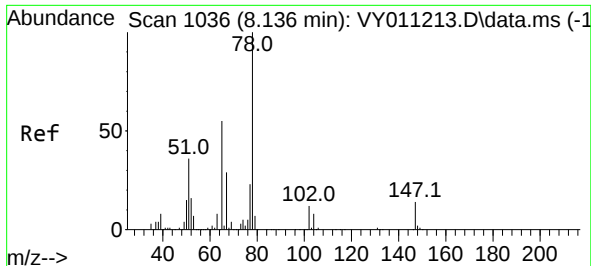
Tgt Ion:168 Resp: 216870
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#20
Methylene Chloride
Concen: 8.515 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Tgt Ion: 84 Resp: 36328
Ion Ratio Lower Upper
84 100
49 106.2 114.4 171.6#
51 31.6 35.3 52.9#
86 65.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.230 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011371.D

Acq: 08 Nov 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

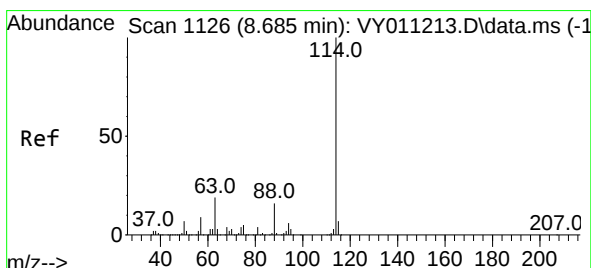
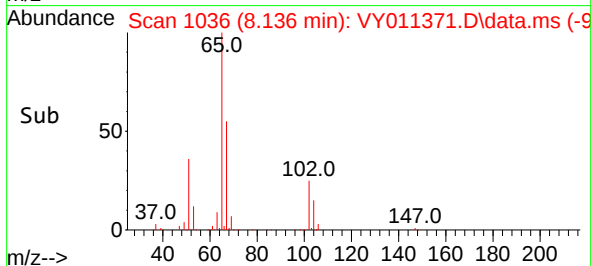
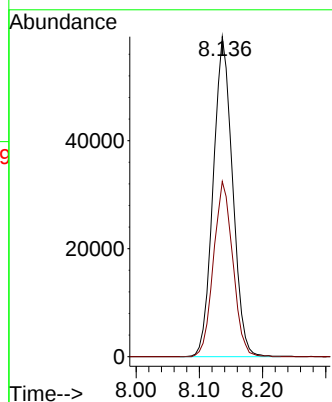
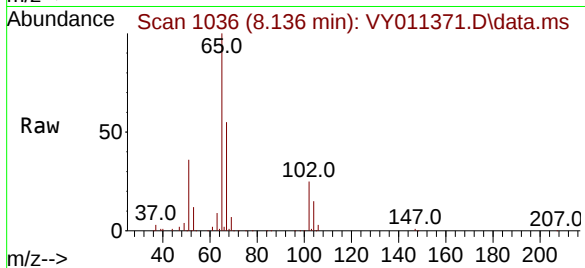
250FERRYBLVD-TFS-01

Tgt Ion: 65 Resp: 125782

Ion Ratio Lower Upper

65 100

67 54.6 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: VY011371.D

Acq: 08 Nov 2022 18:42

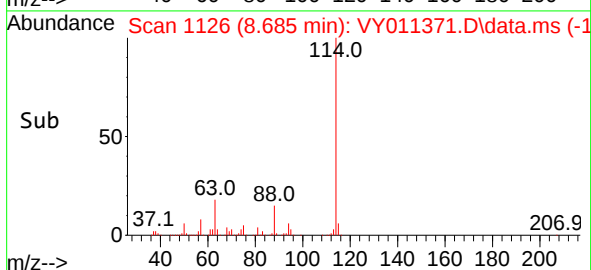
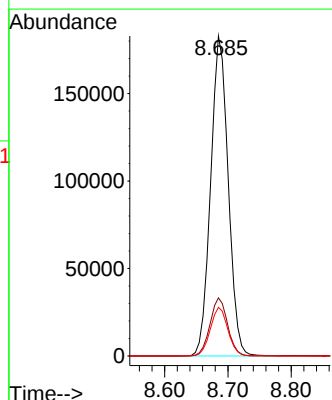
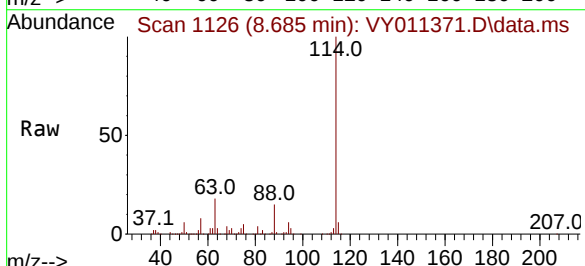
Tgt Ion: 114 Resp: 353186

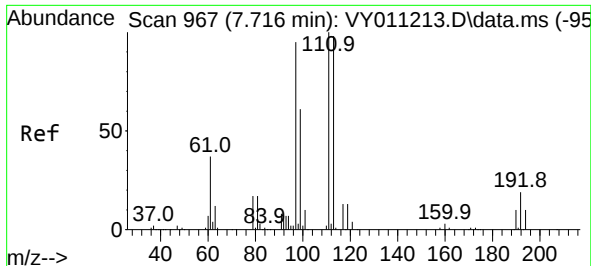
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.2 0.0 31.8

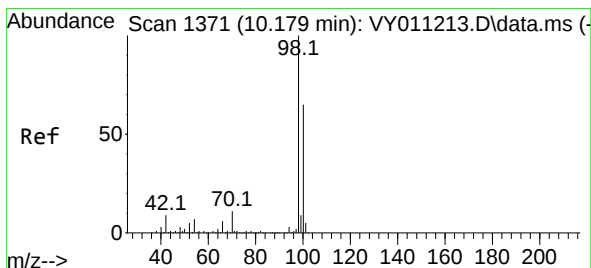
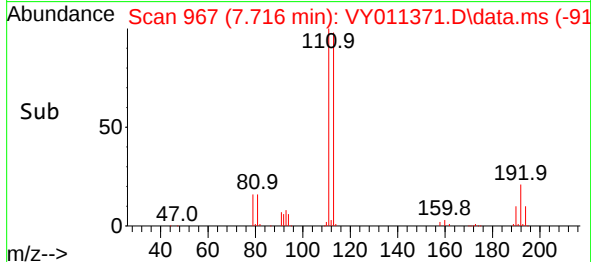
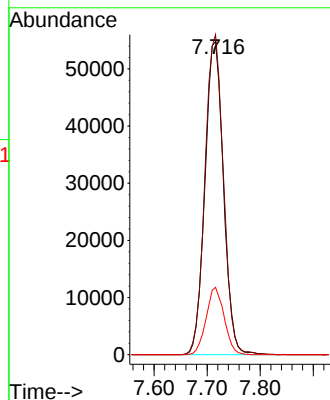
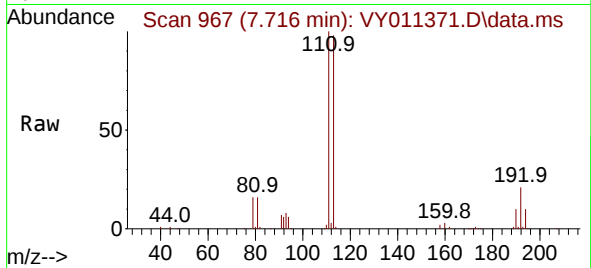




#35
Dibromofluoromethane
Concen: 58.588 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

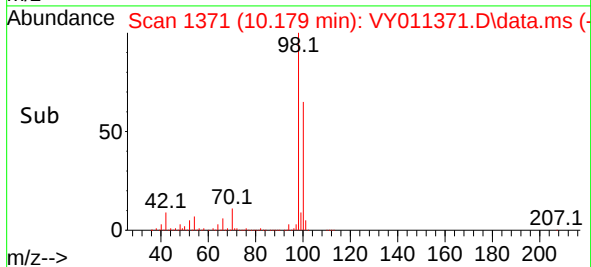
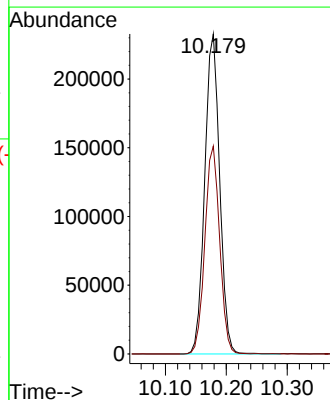
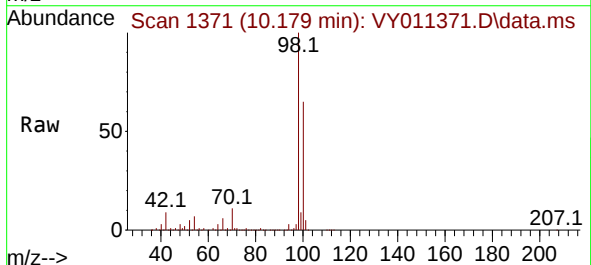
Instrument :
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250FERRYBLVD-TFS-01

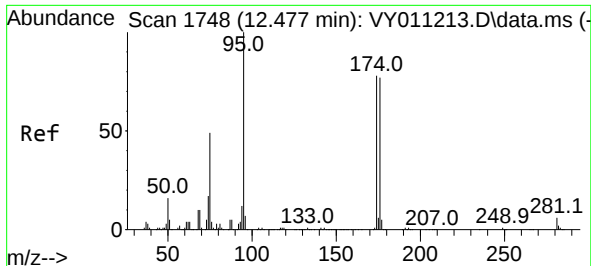
Tgt Ion:113 Resp: 132948
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.9 17.6 26.4



#50
Toluene-d8
Concen: 44.951 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Tgt Ion: 98 Resp: 396039
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

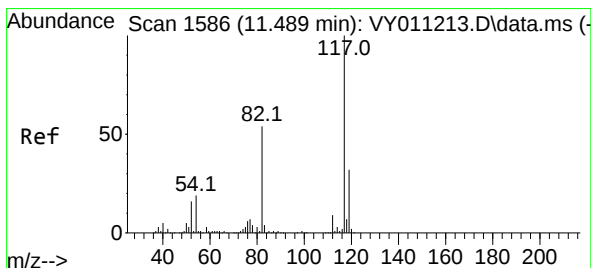
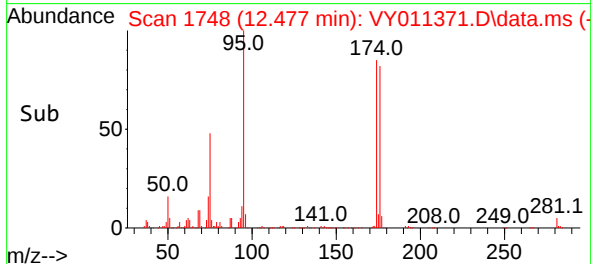
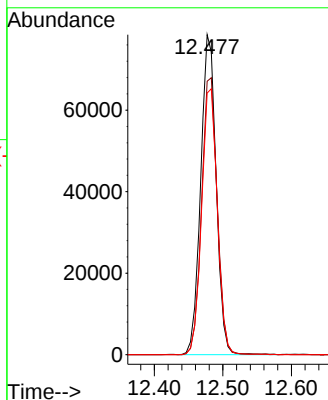
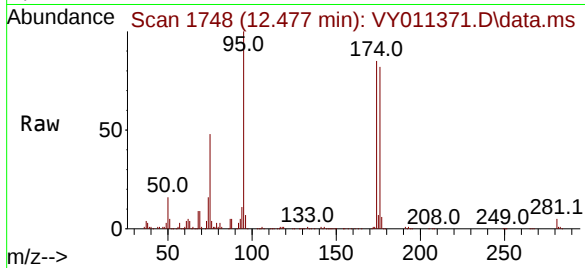




#62
4-Bromofluorobenzene
Concen: 40.382 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

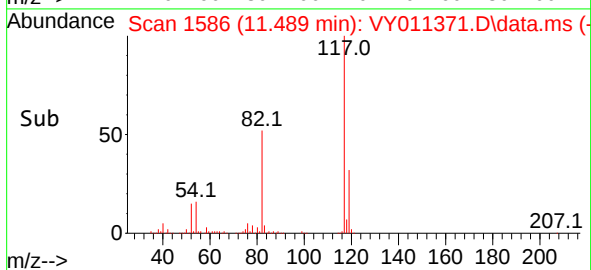
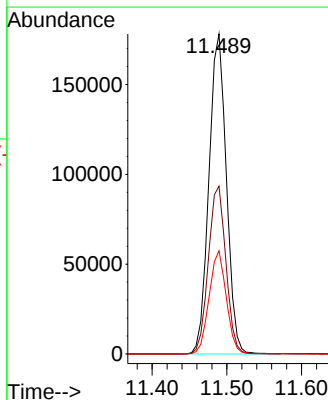
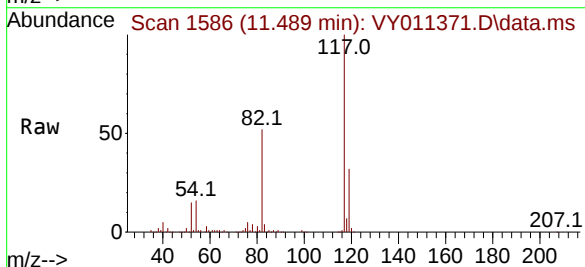
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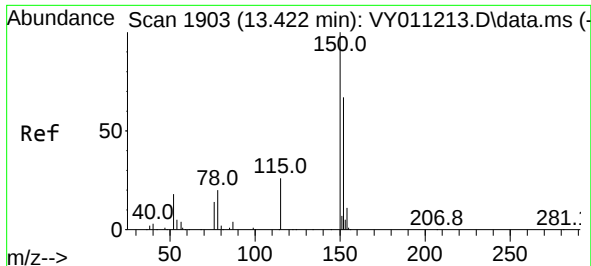
Tgt Ion: 95 Resp: 123512
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 84.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Tgt Ion: 117 Resp: 288967
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.3 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: VY011371.D
 Acq: 08 Nov 2022 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-01

Tgt Ion:152 Resp: 108593
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.7
 150 156.8 0.0 347.6

