

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011374.D
 Acq On : 08 Nov 2022 19:50
 Operator : KP/MD
 Sample : N5436-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-05RE

Quant Time: Nov 09 03:35:40 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)

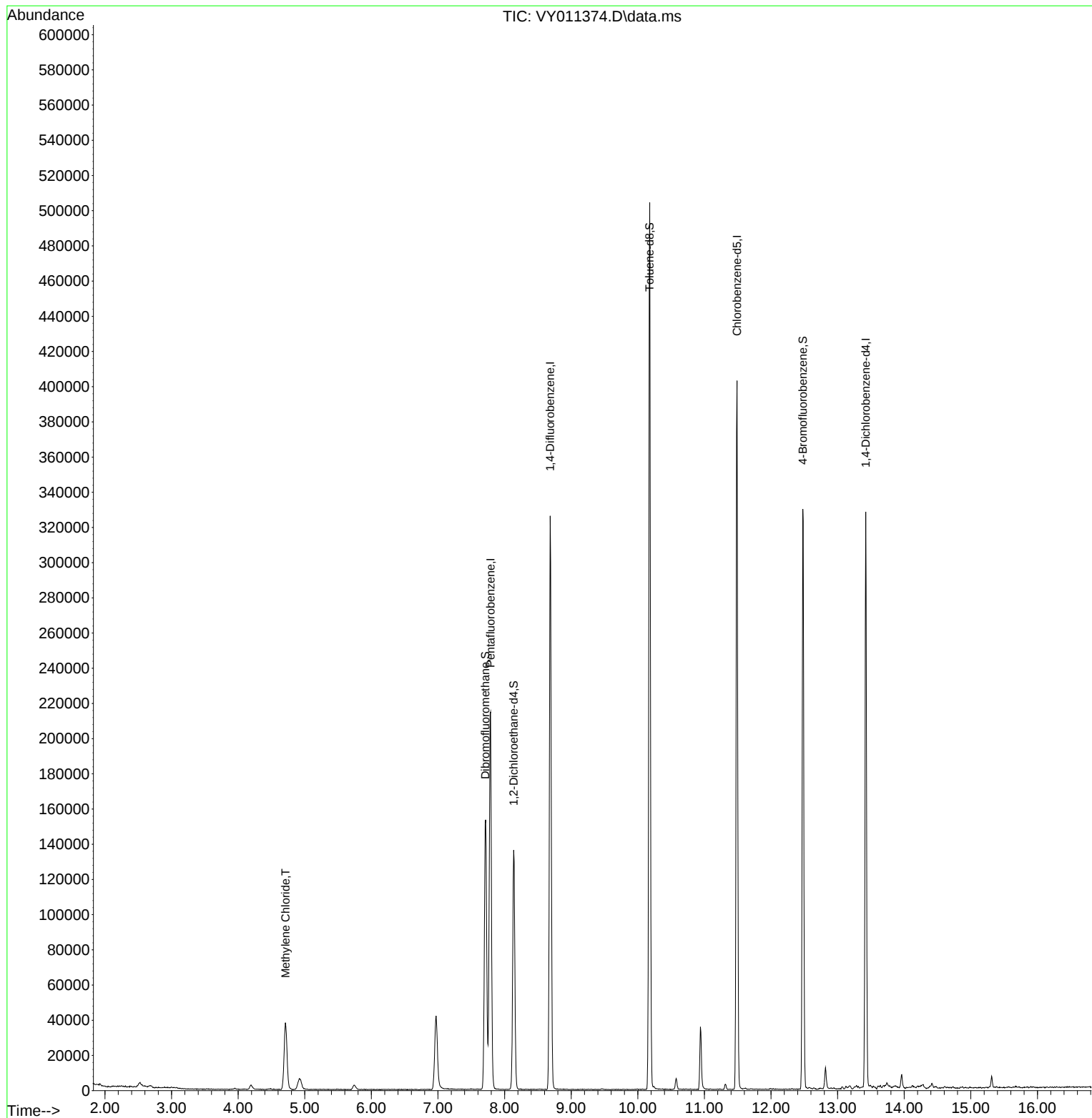
Internal Standards						
1) Pentafluorobenzene	7.789	168	173179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105329	56.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.740%
35) Dibromofluoromethane	7.710	113	113877	62.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.620%
50) Toluene-d8	10.179	98	334534	47.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.477	95	104389	42.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.760%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	31069	9.516	ug/l	# 80

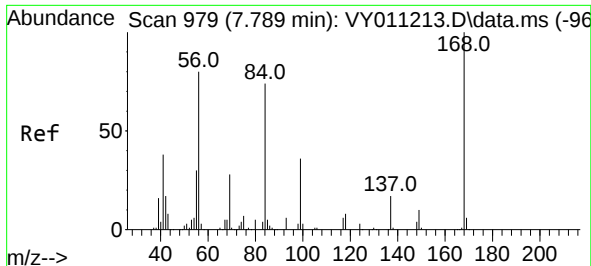
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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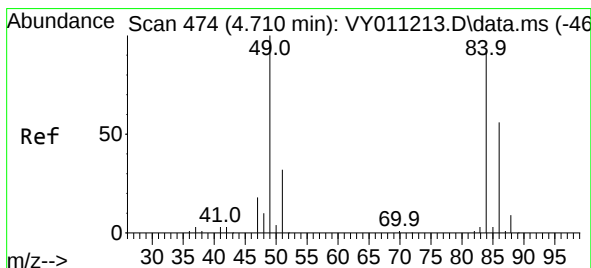
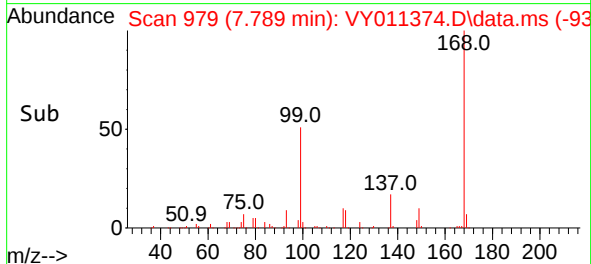
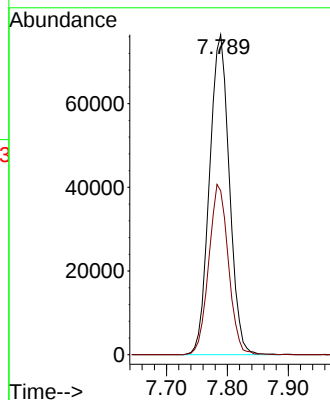
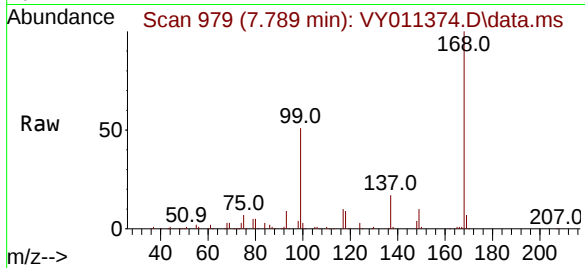




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

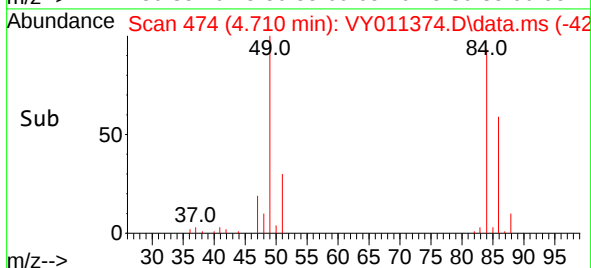
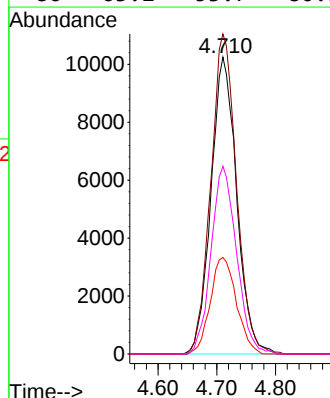
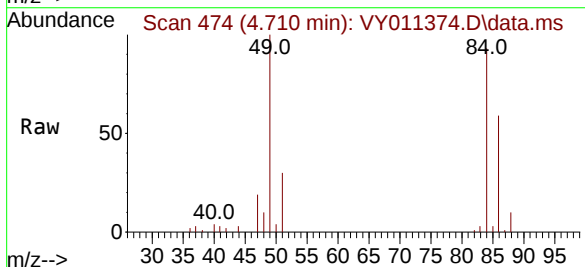
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05RE

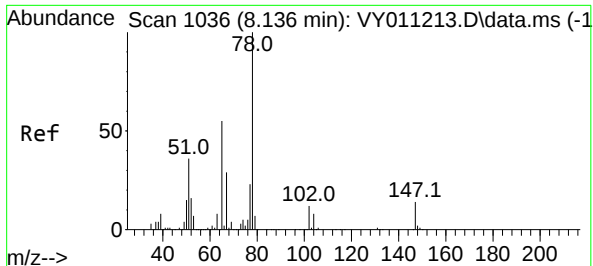
Tgt Ion:168 Resp: 173179
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#20
Methylene Chloride
Concen: 9.516 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Tgt Ion: 84 Resp: 31069
Ion Ratio Lower Upper
84 100
49 107.8 114.4 171.6#
51 32.5 35.3 52.9#
86 63.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.868 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011374.D

Acq: 08 Nov 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

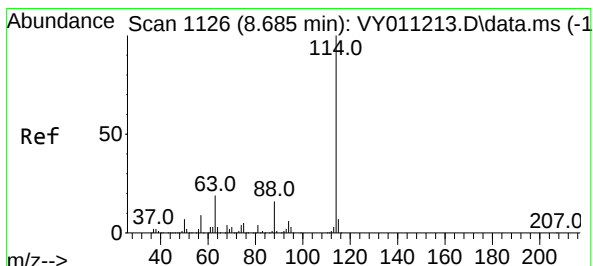
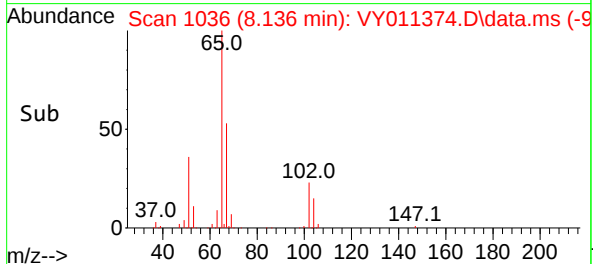
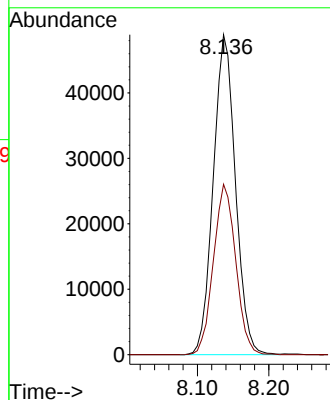
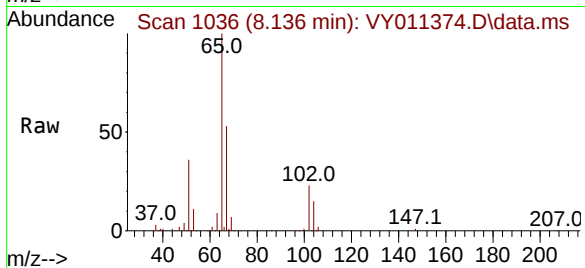
250FERRYBLVD-TFS-05RE

Tgt Ion: 65 Resp: 105329

Ion Ratio Lower Upper

65 100

67 53.6 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: VY011374.D

Acq: 08 Nov 2022 19:50

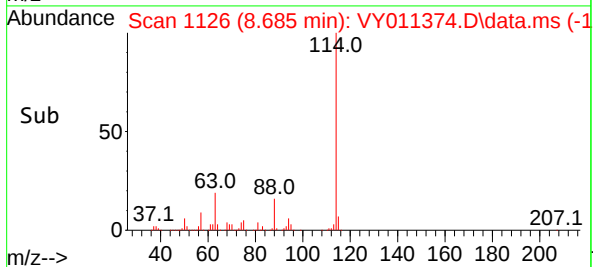
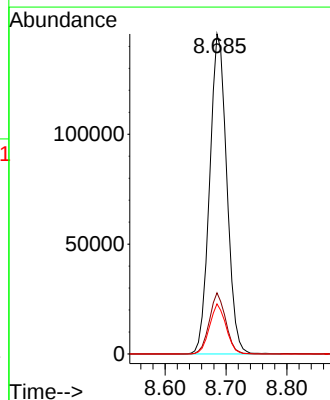
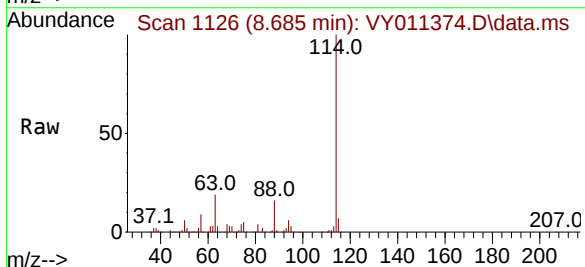
Tgt Ion: 114 Resp: 284436

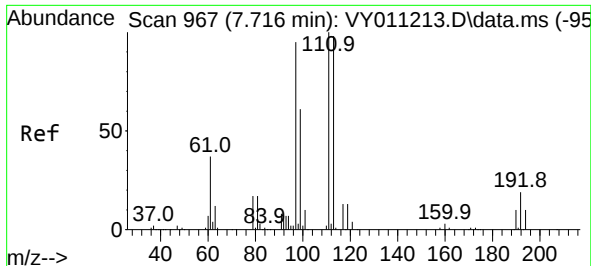
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.7 0.0 31.8

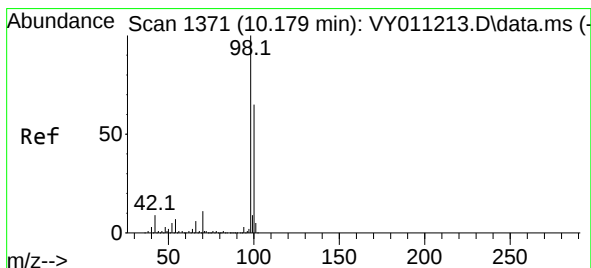
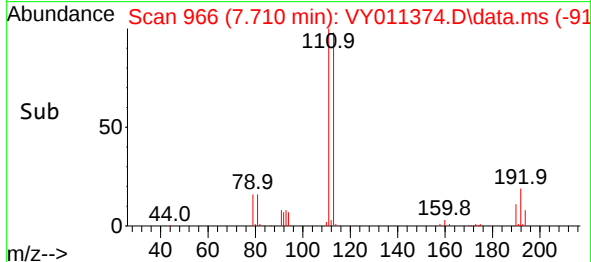
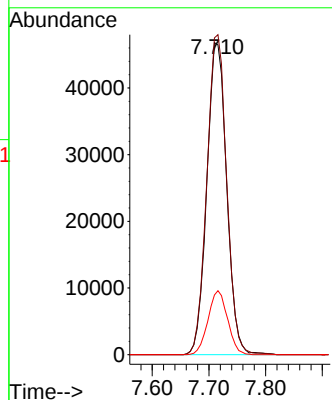
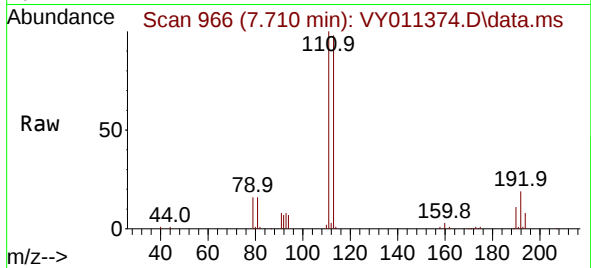




#35
Dibromofluoromethane
Concen: 62.313 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

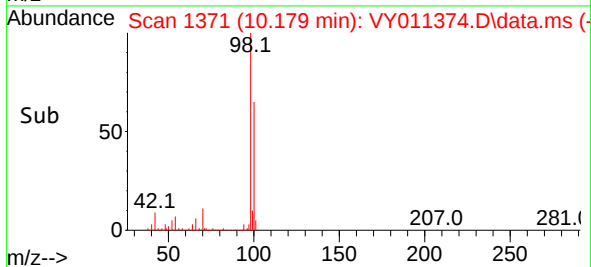
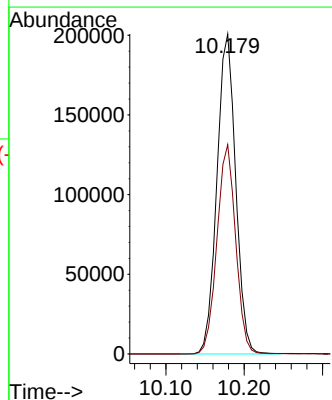
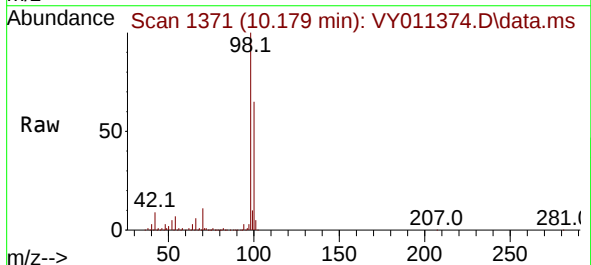
Instrument :
MSVOA_Y
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250FERRYBLVD-TFS-05RE

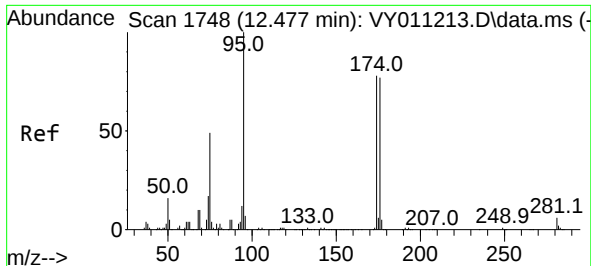
Tgt Ion:113 Resp: 113877
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Tgt Ion: 98 Resp: 334534
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

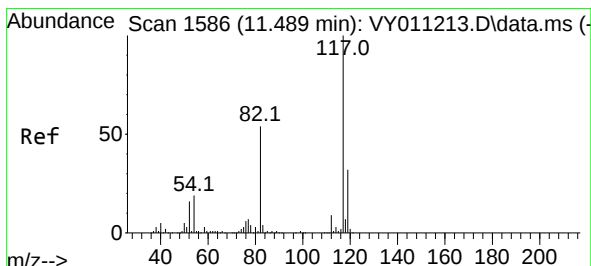
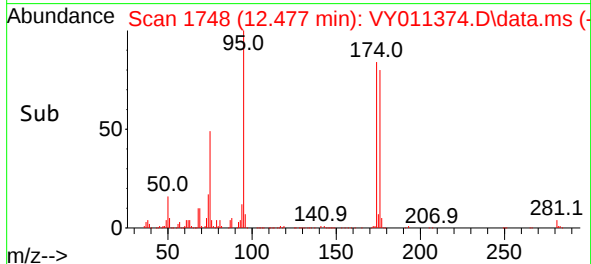
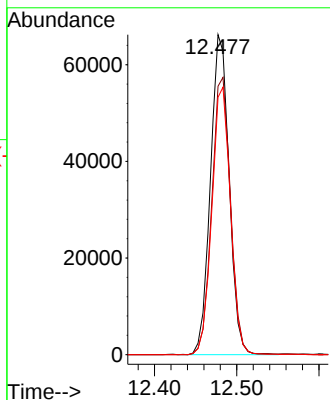
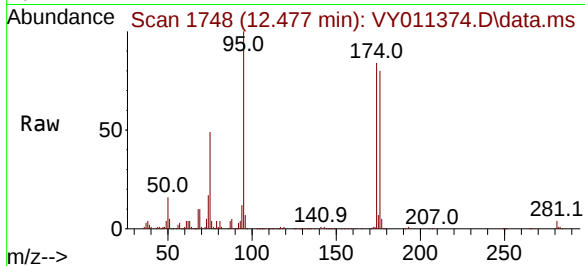




#62
4-Bromofluorobenzene
Concen: 42.379 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

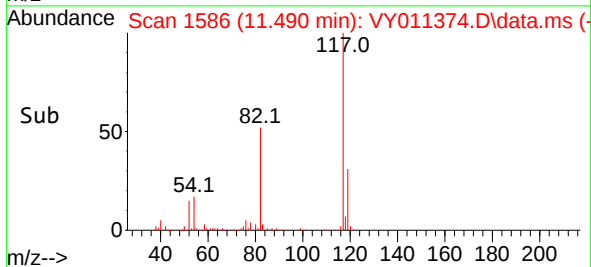
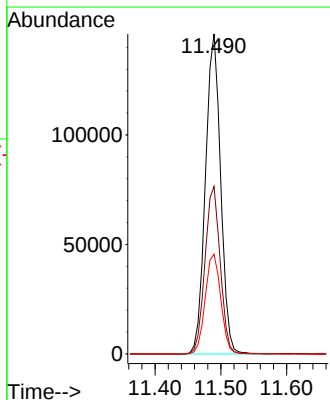
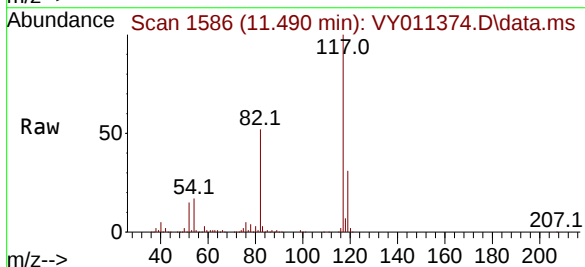
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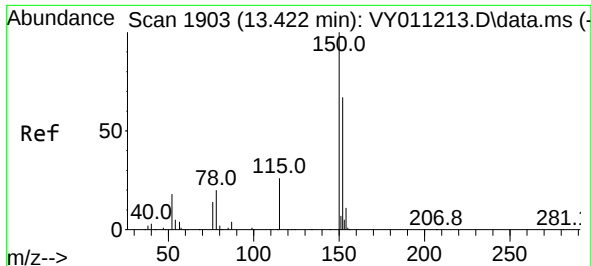
Tgt Ion: 95 Resp: 104389
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 83.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Tgt Ion: 117 Resp: 235083
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.2 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: VY011374.D

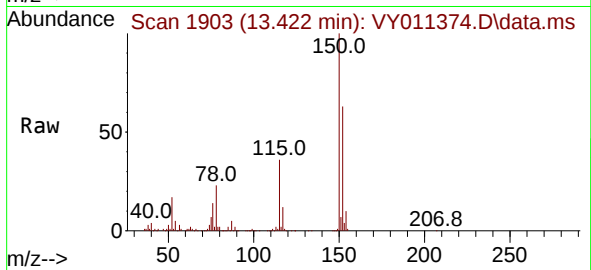
Acq: 08 Nov 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-05RE



Tgt Ion:152 Resp: 89292

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.1 0.0 347.6

