

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011373.D
 Acq On : 08 Nov 2022 19:27
 Operator : KP/MD
 Sample : N5436-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-04RE

Quant Time: Nov 09 03:35:24 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)

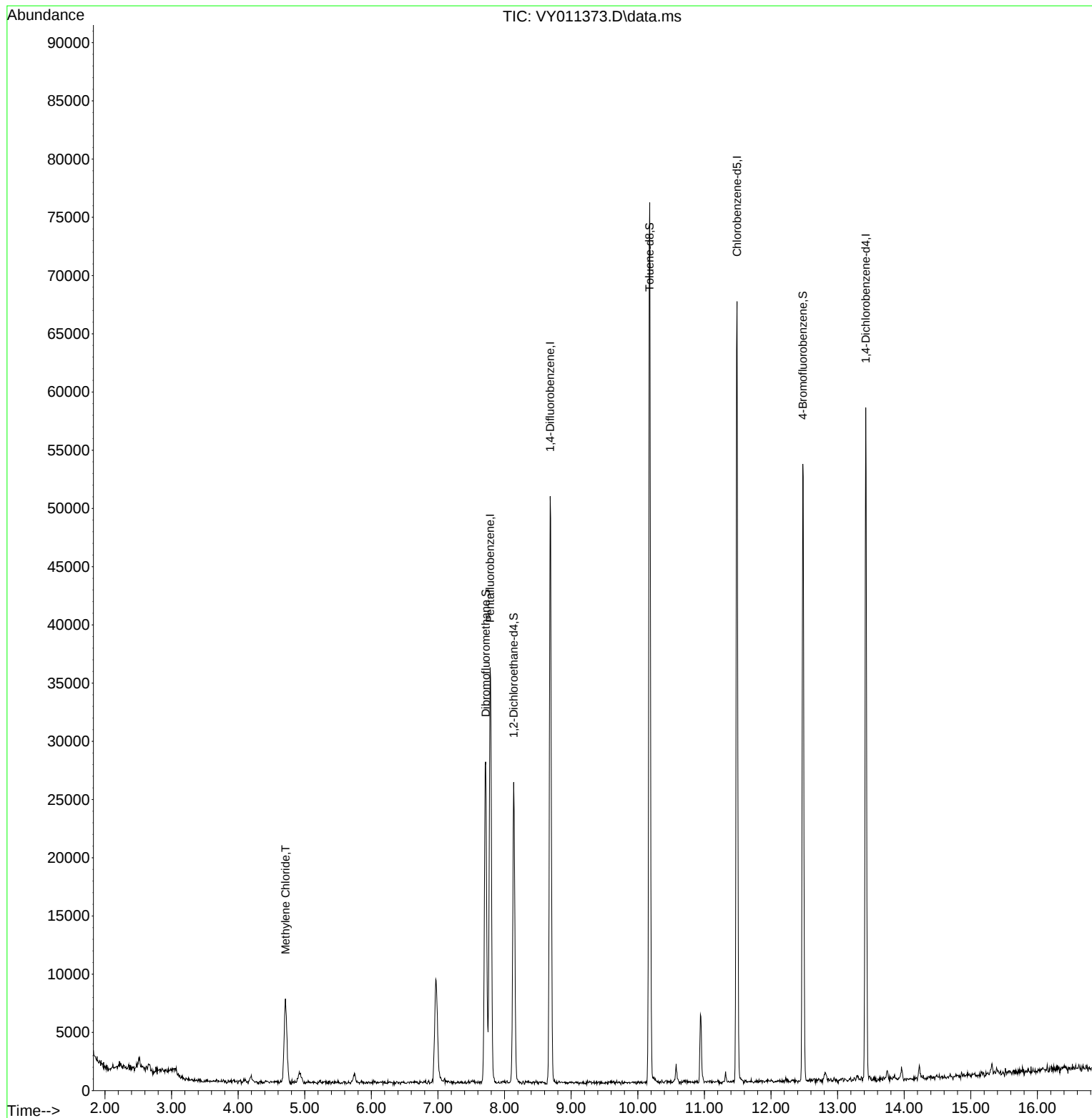
Internal Standards						
1) Pentafluorobenzene	7.783	168	29984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	45585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	39758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19693	61.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.820%
35) Dibromofluoromethane	7.716	113	20056	68.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.960%
50) Toluene-d8	10.179	98	54087	47.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.477	95	16941	42.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.820%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	5688	10.384	ug/l	# 77

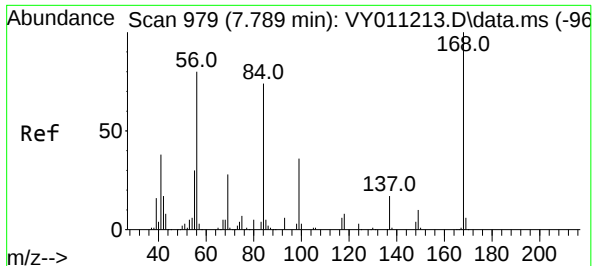
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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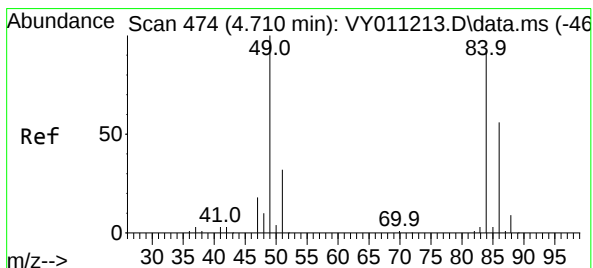
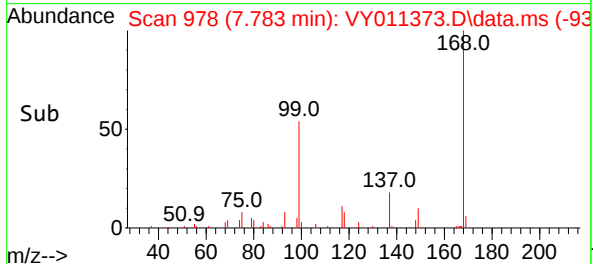
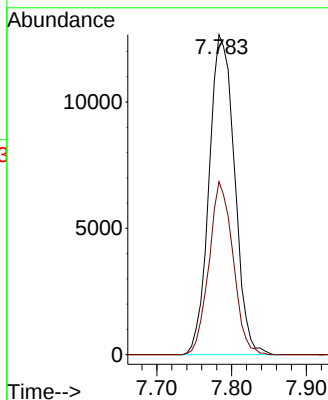
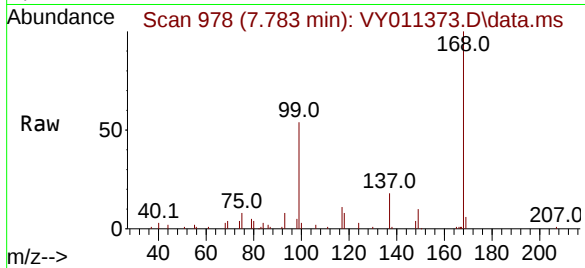




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

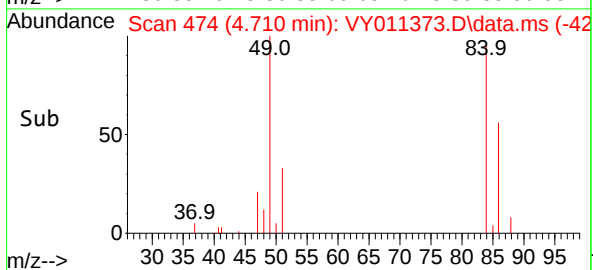
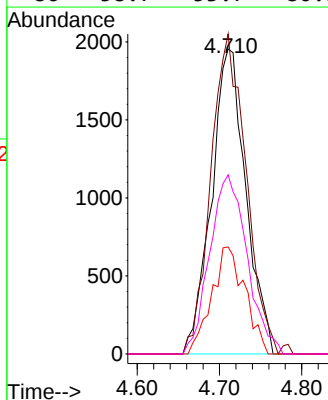
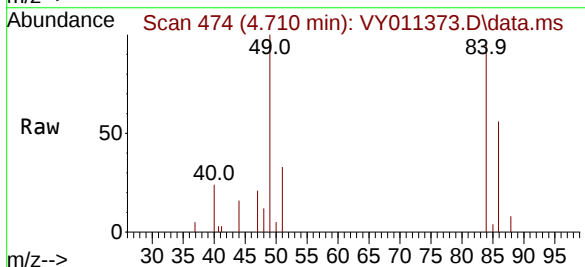
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-04RE

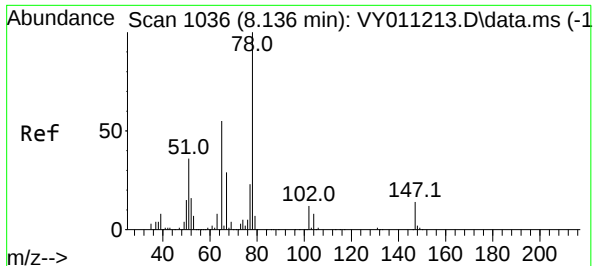
Tgt Ion:168 Resp: 29984
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#20
Methylene Chloride
Concen: 10.384 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Tgt Ion: 84 Resp: 5688
Ion Ratio Lower Upper
84 100
49 104.9 114.4 171.6#
51 35.1 35.3 52.9#
86 58.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 61.410 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011373.D

Acq: 08 Nov 2022 19:27

Instrument :

MSVOA_Y

ClientSampleId :

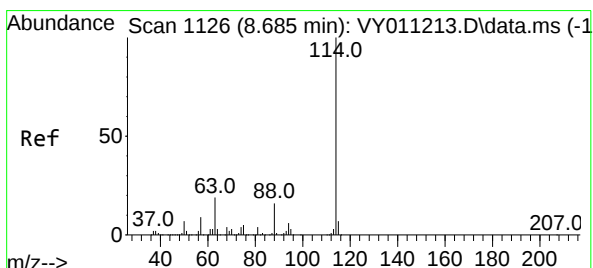
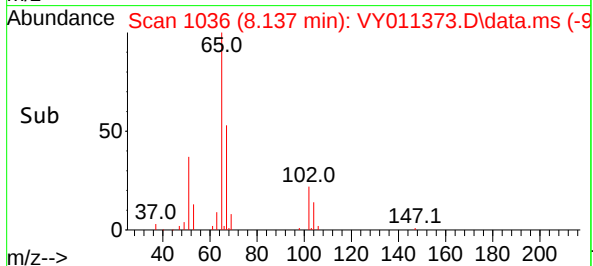
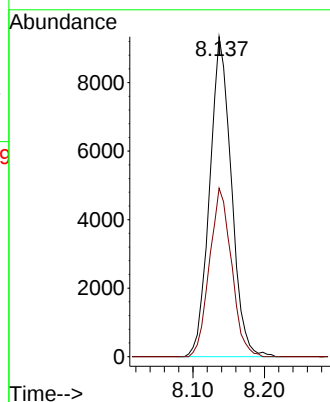
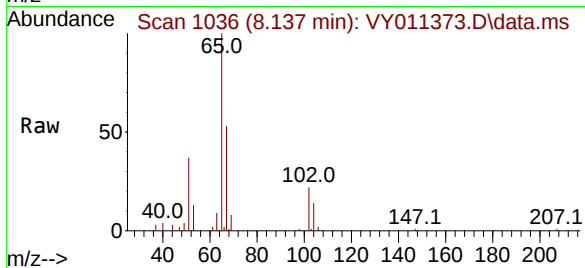
250FERRYBLVD-TFS-04RE

Tgt Ion: 65 Resp: 19693

Ion Ratio Lower Upper

65 100

67 53.4 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: VY011373.D

Acq: 08 Nov 2022 19:27

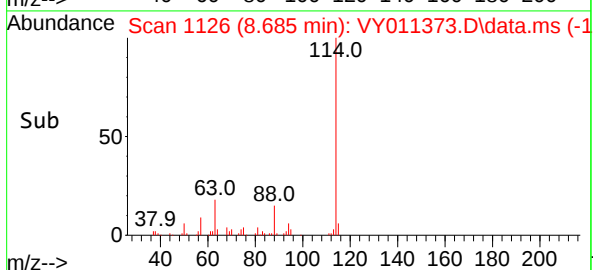
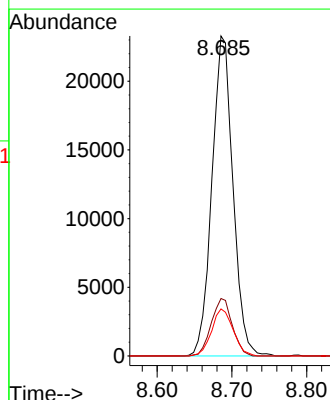
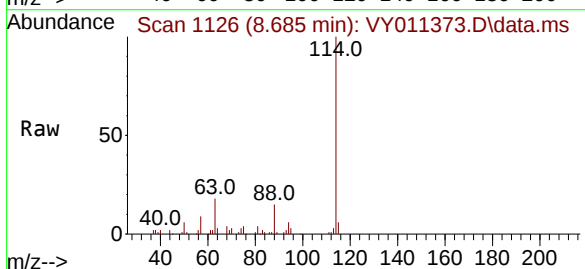
Tgt Ion: 114 Resp: 45585

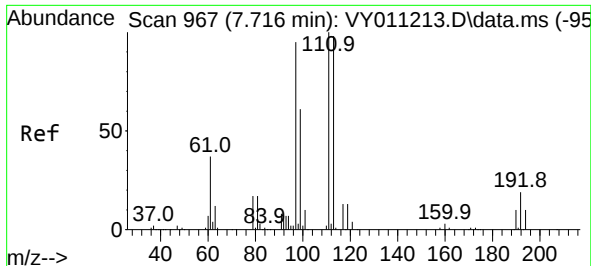
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.7 0.0 31.8

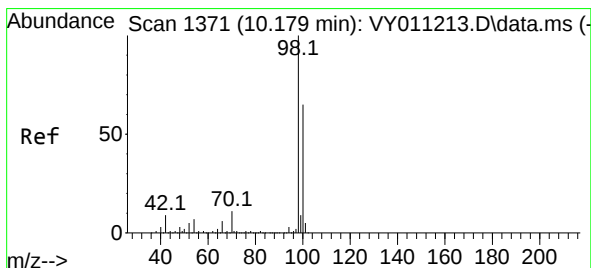
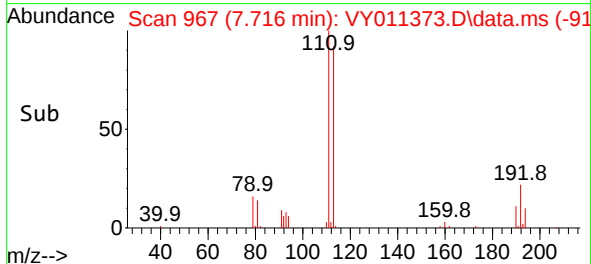
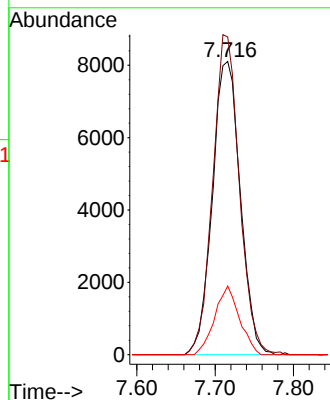
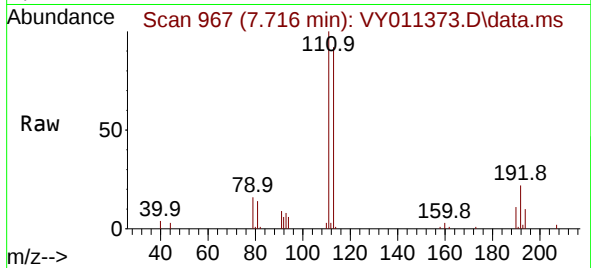




#35
Dibromofluoromethane
Concen: 68.478 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

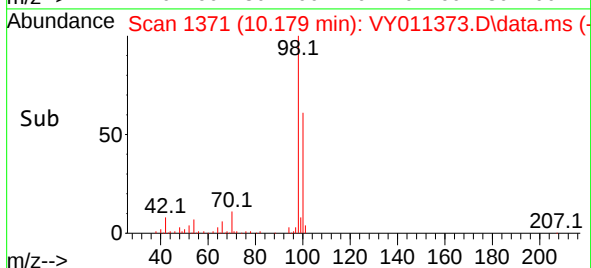
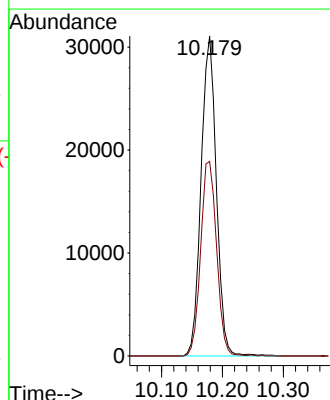
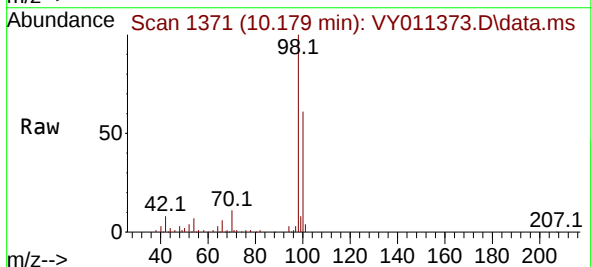
Instrument :
MSVOA_Y
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250FERRYBLVD-TFS-04RE

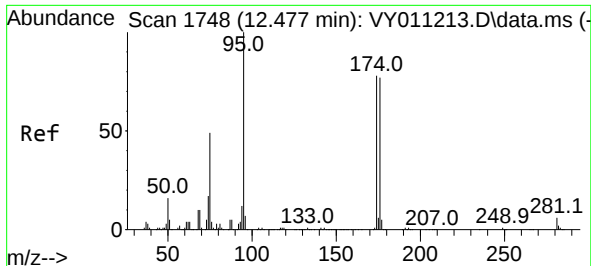
Tgt Ion:113 Resp: 20056
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 47.564 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Tgt Ion: 98 Resp: 54087
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

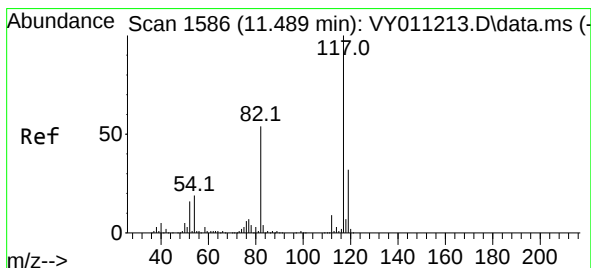
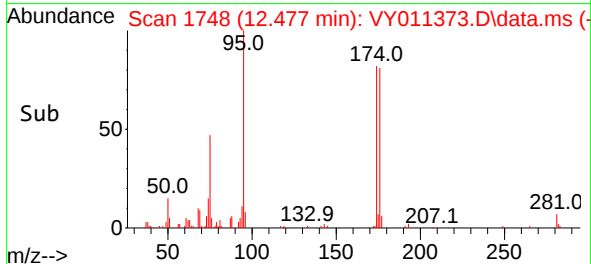
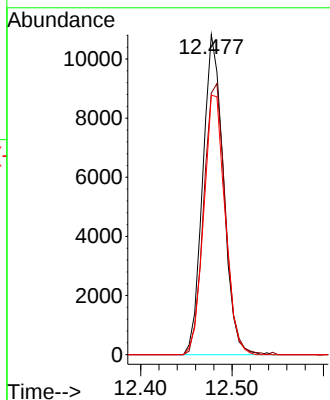
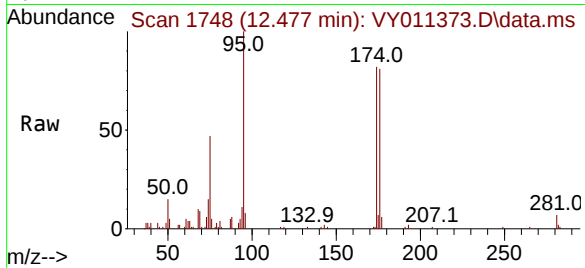




#62
4-Bromofluorobenzene
Concen: 42.914 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

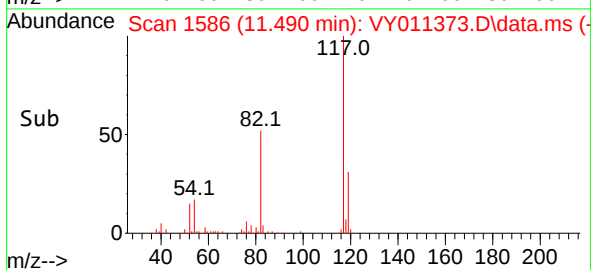
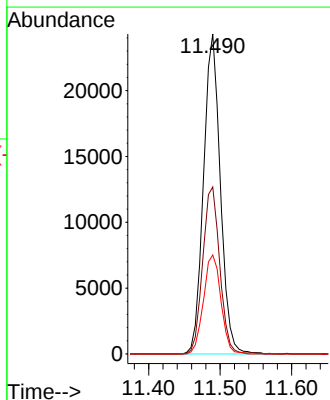
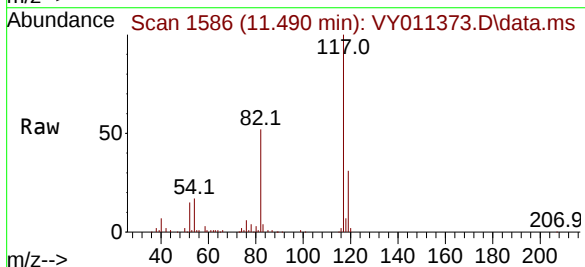
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250FERRYBLVD-TFS-04RE

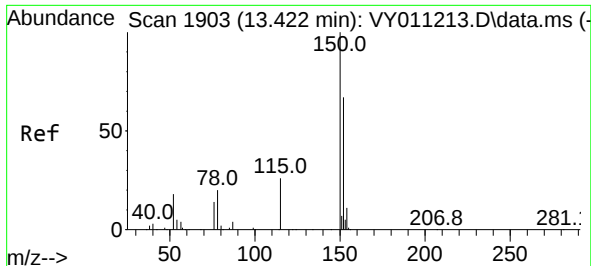
Tgt Ion:	95	Resp:	16941
Ion Ratio	Lower	Upper	
95	100		
174	88.4	0.0	177.0
176	84.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Tgt Ion:	117	Resp:	39758
Ion Ratio	Lower	Upper	
117	100		
82	52.2	43.0	64.4
119	31.0	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: VY011373.D
 Acq: 08 Nov 2022 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-04RE

Tgt Ion:	152	Resp:	16359
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	156.6	0.0	347.6

