

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011370.D
 Acq On : 08 Nov 2022 18:19
 Operator : KP/MD
 Sample : N5436-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-10

Quant Time: Nov 09 03:34:35 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)

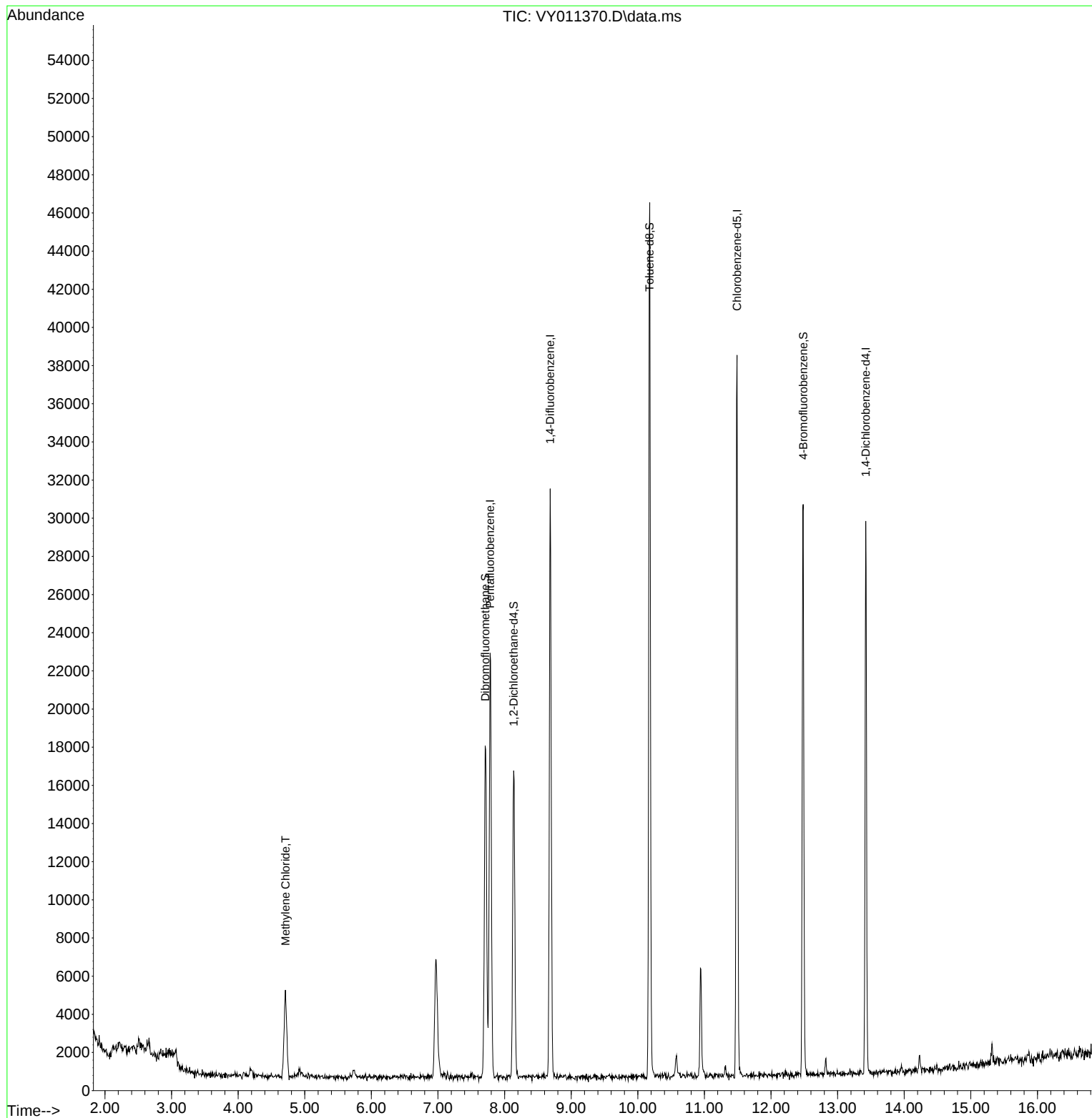
Internal Standards						
1) Pentafluorobenzene	7.783	168	18224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13130	67.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.740%
35) Dibromofluoromethane	7.710	113	13075	72.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.560%
50) Toluene-d8	10.179	98	32993	47.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.483	95	9605	39.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.320%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	3607	11.076	ug/l	# 72

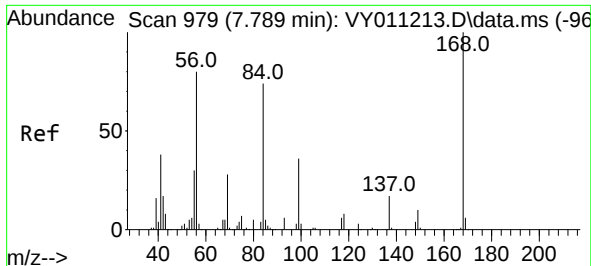
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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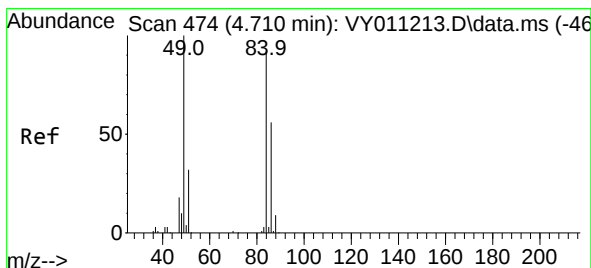
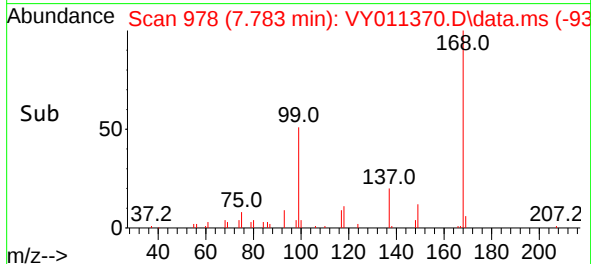
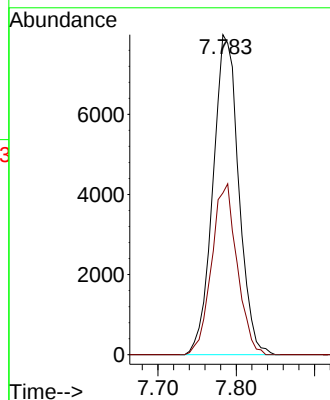
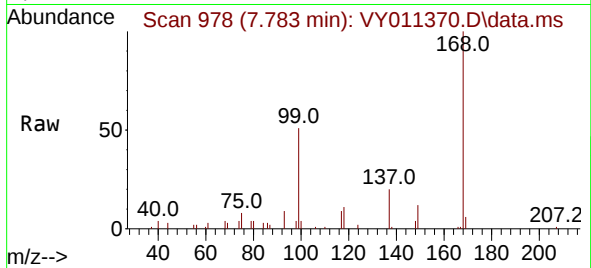




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

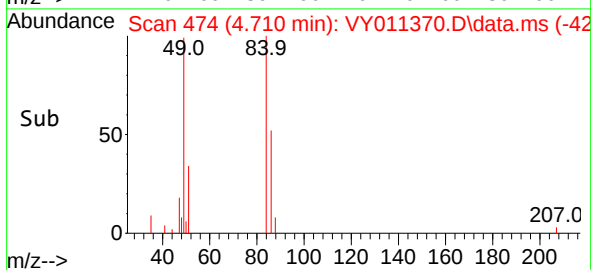
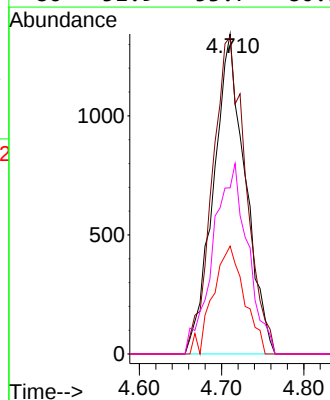
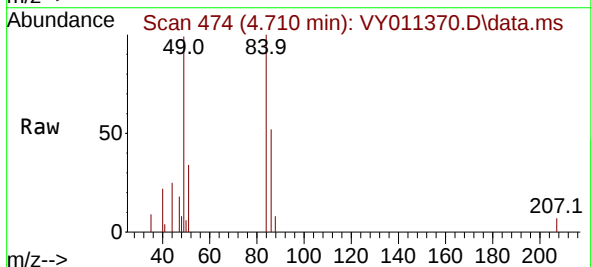
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-10

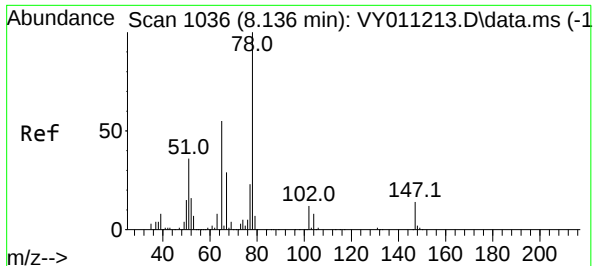
Tgt Ion:168 Resp: 18224
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#20
Methylene Chloride
Concen: 11.076 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion: 84 Resp: 3607
Ion Ratio Lower Upper
84 100
49 99.1 114.4 171.6#
51 33.7 35.3 52.9#
86 51.9 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 67.366 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011370.D

Acq: 08 Nov 2022 18:19

Instrument :

MSVOA_Y

ClientSampleId :

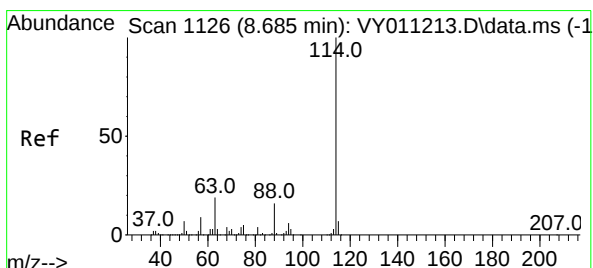
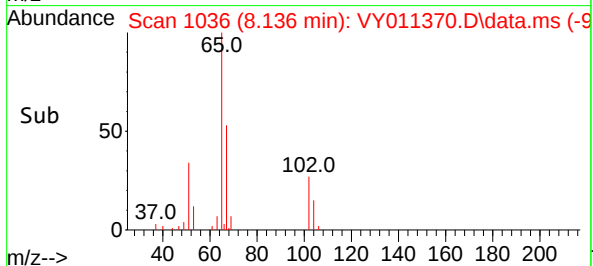
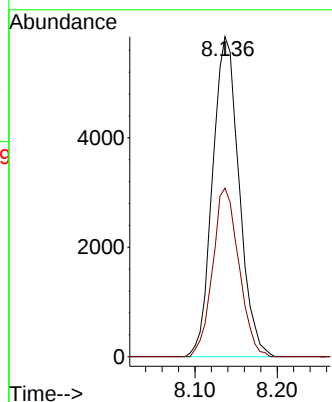
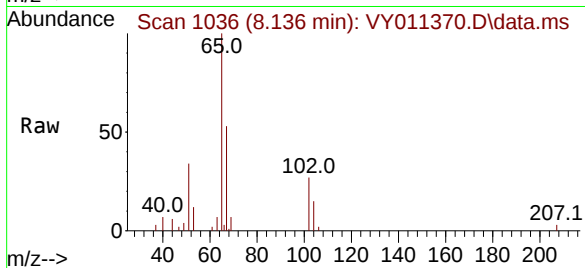
250FERRYBLVD-TFS-10

Tgt Ion: 65 Resp: 13130

Ion Ratio Lower Upper

65 100

67 52.1 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: VY011370.D

Acq: 08 Nov 2022 18:19

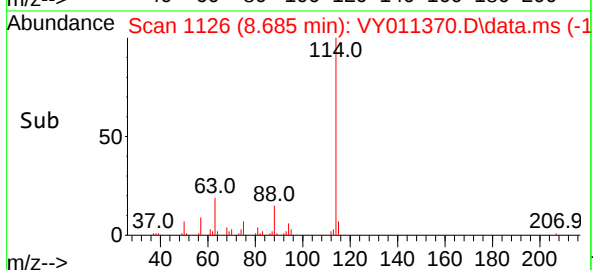
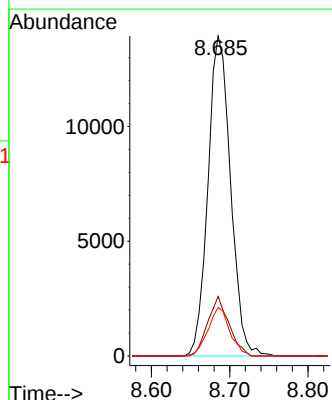
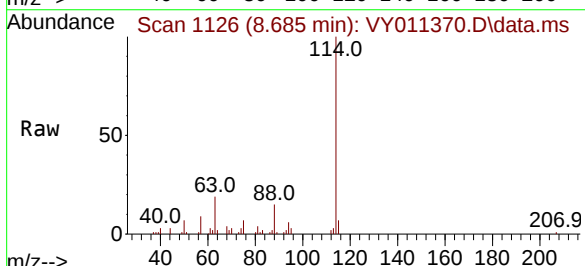
Tgt Ion: 114 Resp: 27962

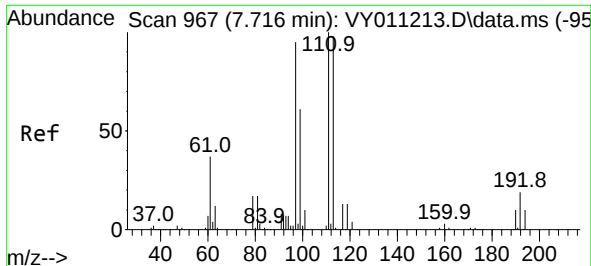
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.2 0.0 31.8

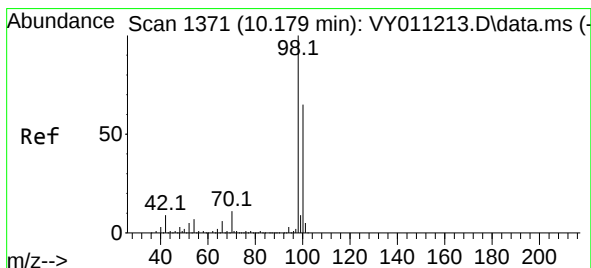
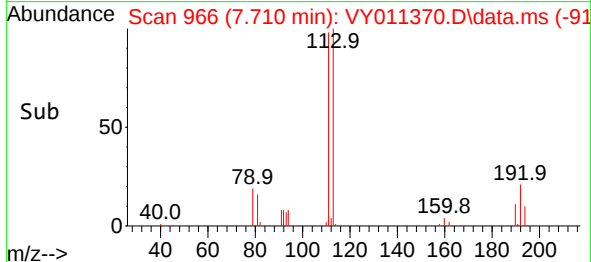
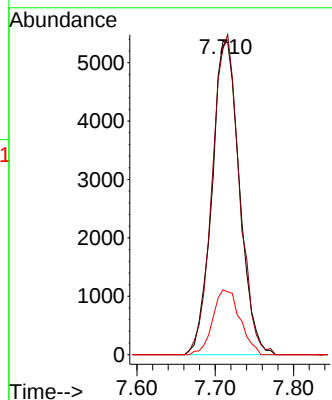
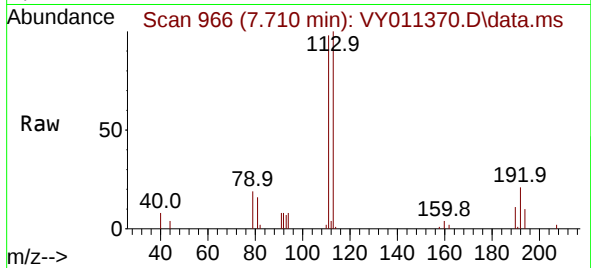




#35
Dibromofluoromethane
Concen: 72.778 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

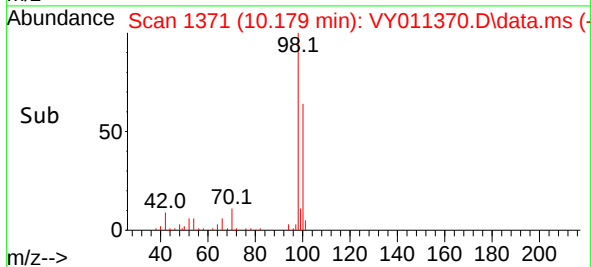
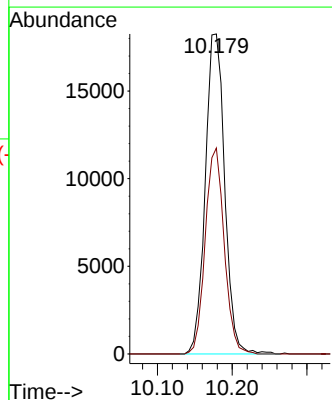
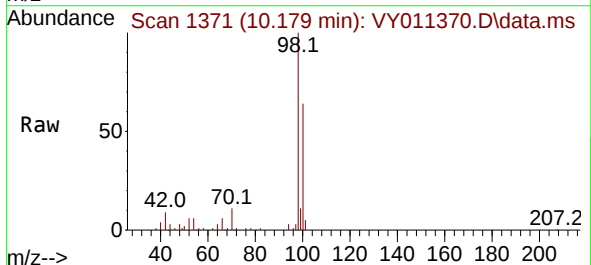
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-10

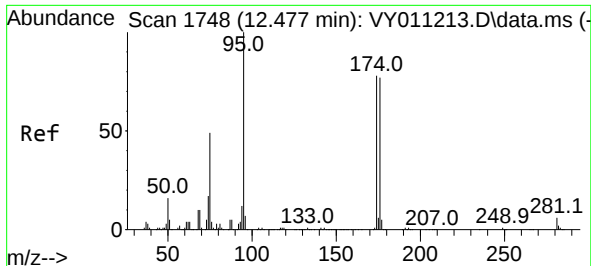
Tgt Ion:113 Resp: 13075
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 20.6 17.6 26.4



#50
Toluene-d8
Concen: 47.300 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion: 98 Resp: 32993
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

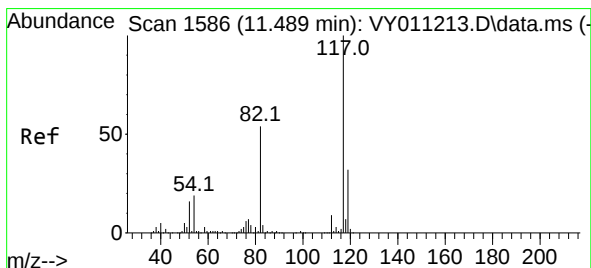
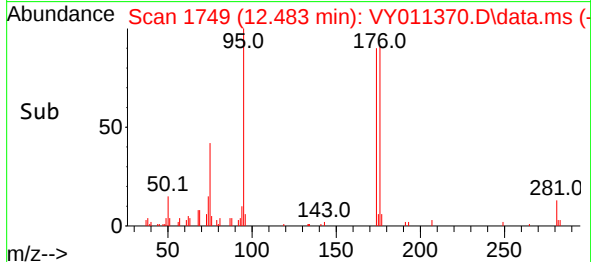
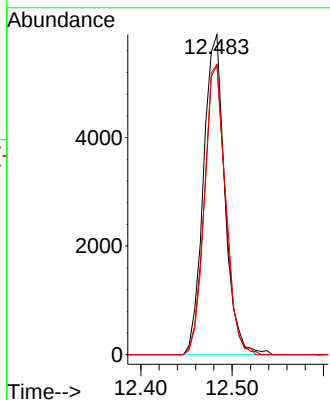
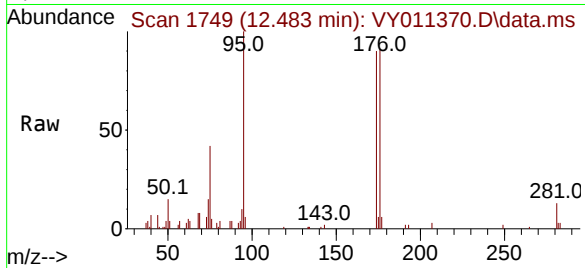




#62
4-Bromofluorobenzene
Concen: 39.665 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

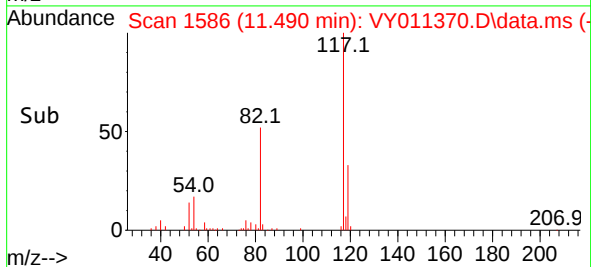
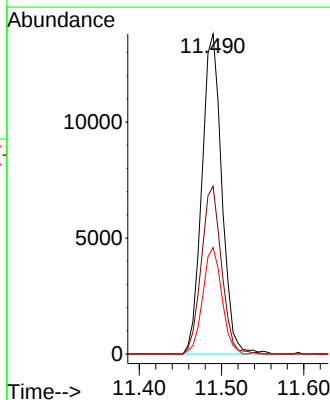
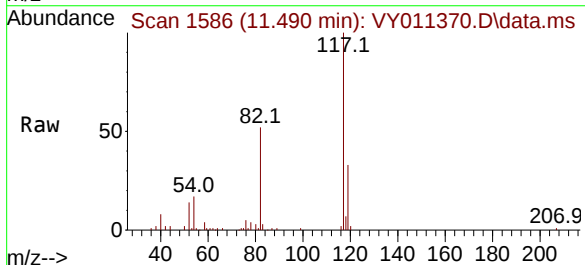
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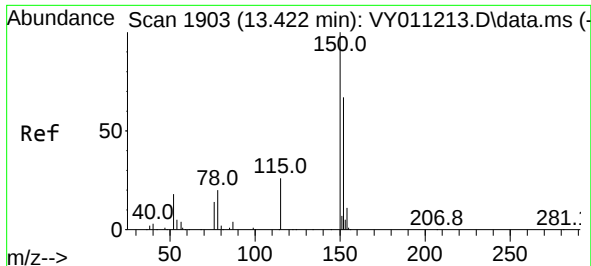
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	177.0
176	89.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.4
119	33.3	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: VY011370.D

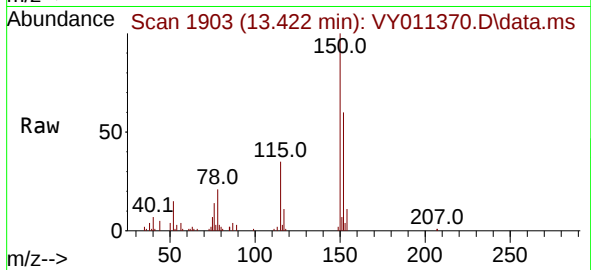
Acq: 08 Nov 2022 18:19

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-10



Tgt Ion:152 Resp: 8144

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 157.6 0.0 347.6

