

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007412.D
 Acq On : 07 Feb 2022 14:54
 Operator : SY/MD
 Sample : N1387-07RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 24801RE

Quant Time: Feb 08 00:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

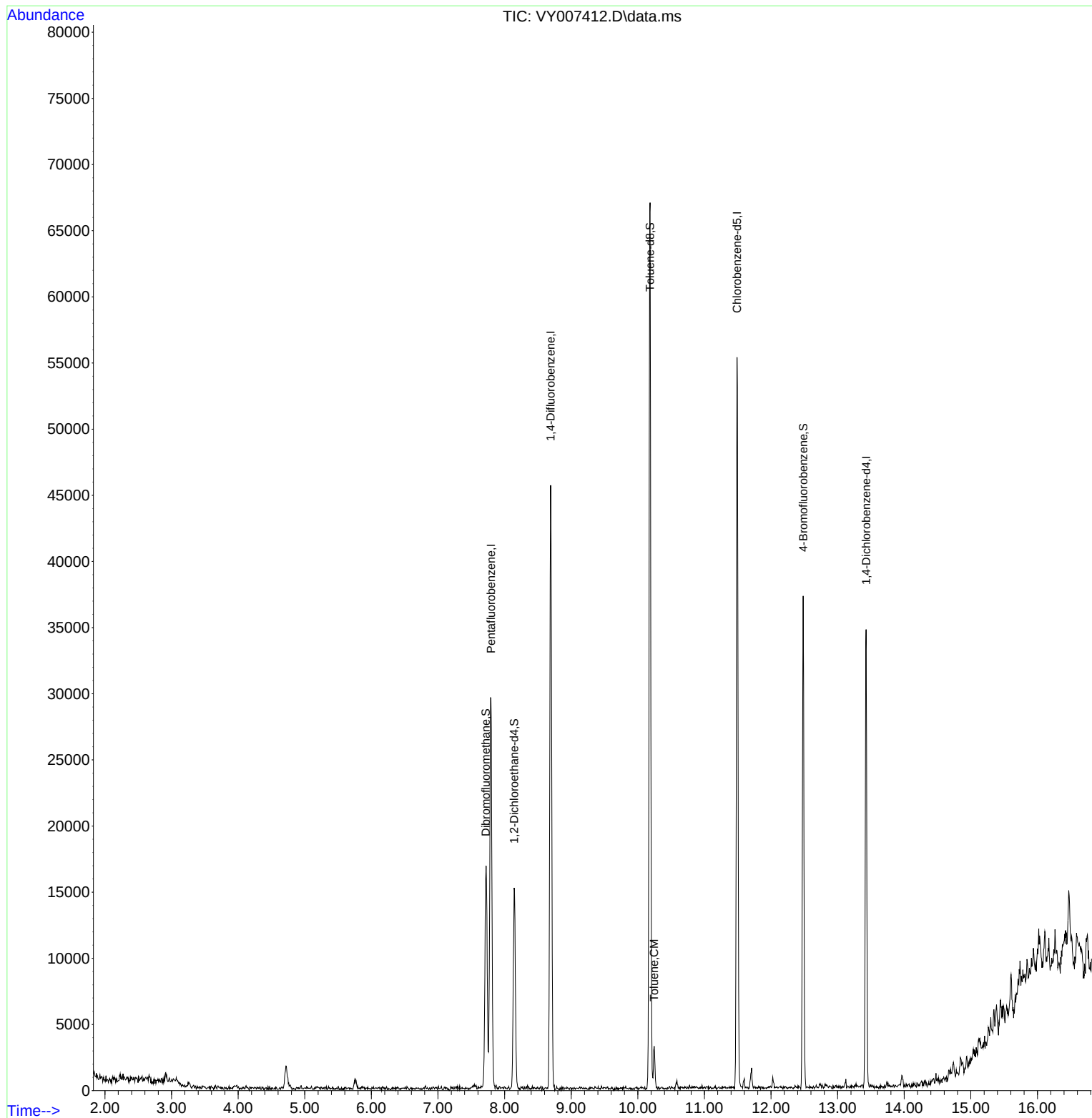
Internal Standards						
1) Pentafluorobenzene	7.795	168	21890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	29621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11512	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.716	113	12146	49.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.185	98	44712	49.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	11700	37.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.840%
Target Compounds						
52) Toluene	10.246	92	1408	1.963	ug/l	Qvalue 98

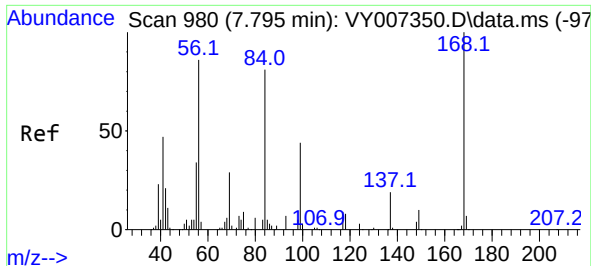
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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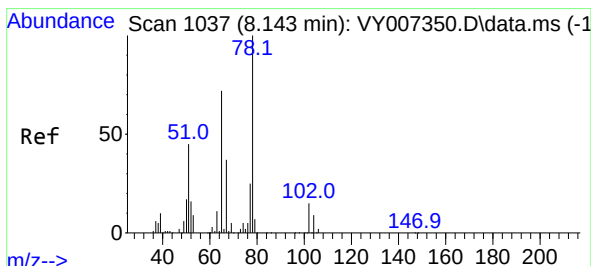
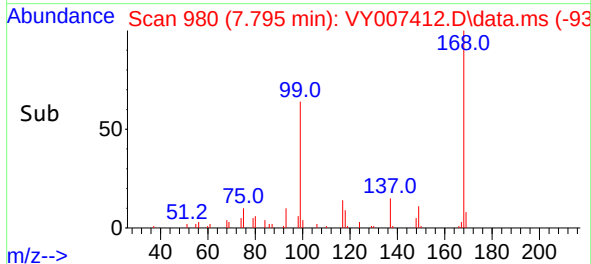
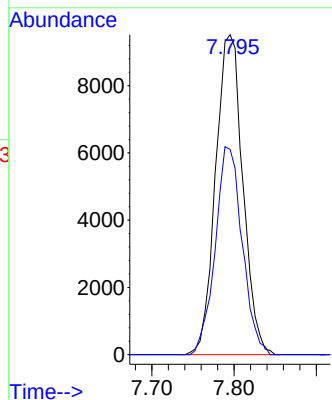
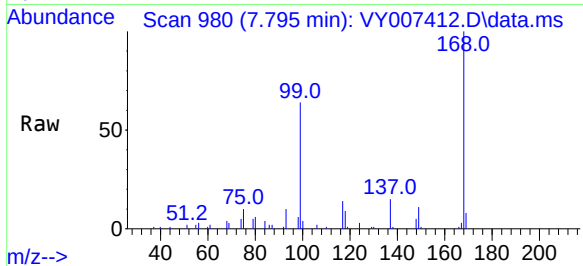




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

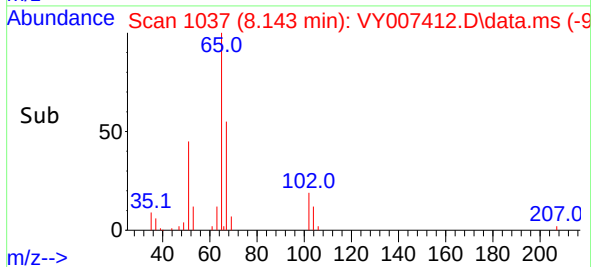
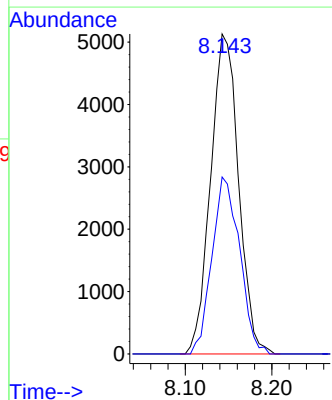
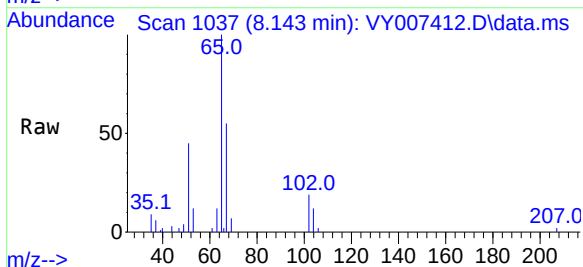
Instrument :
MSVOA_Y
ClientSampleId :
24801RE

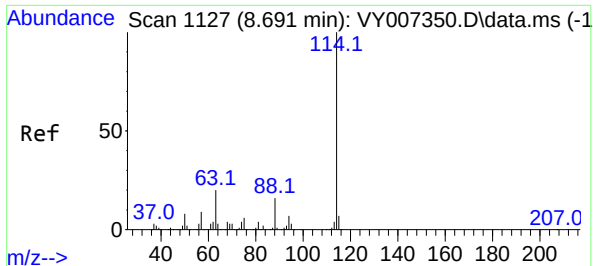
Tgt Ion:168 Resp: 21890
Ion Ratio Lower Upper
168 100
99 64.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.721 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 65 Resp: 11512
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007412.D

Acq: 07 Feb 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

24801RE

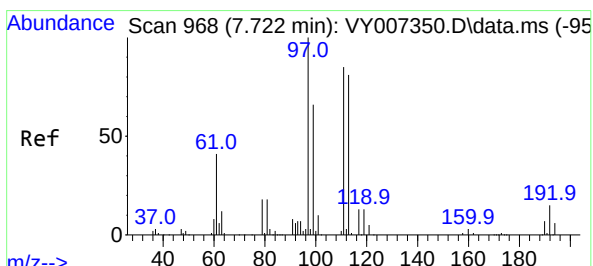
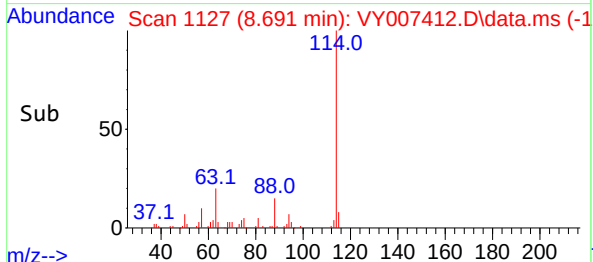
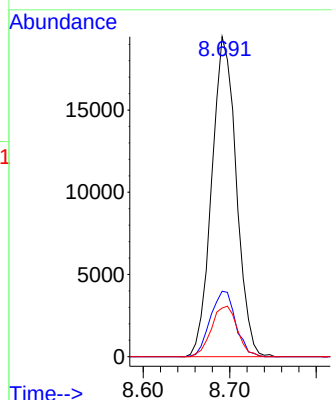
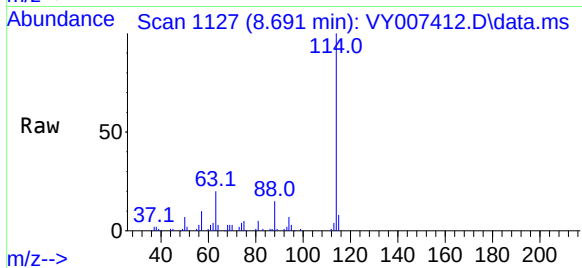
Tgt Ion:114 Resp: 38262

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.435 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007412.D

Acq: 07 Feb 2022 14:54

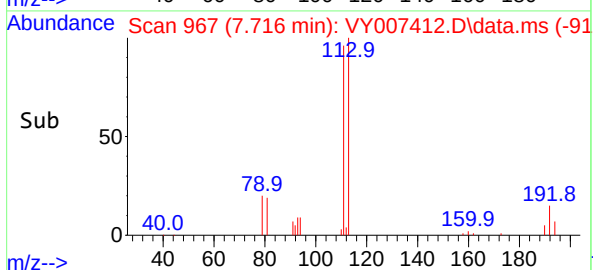
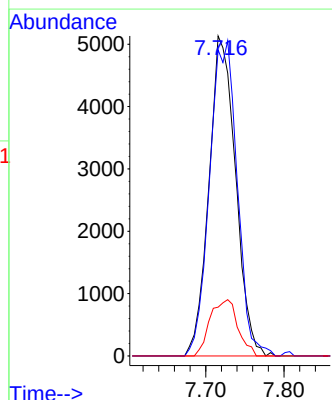
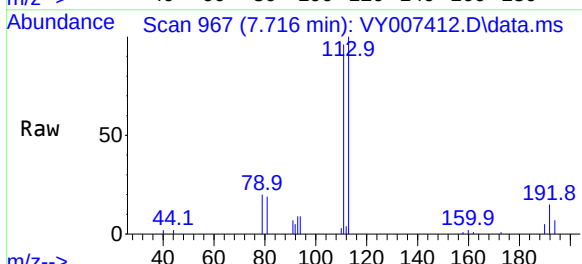
Tgt Ion:113 Resp: 12146

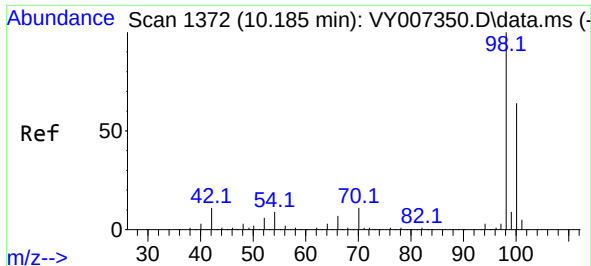
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 18.3 17.6 26.4

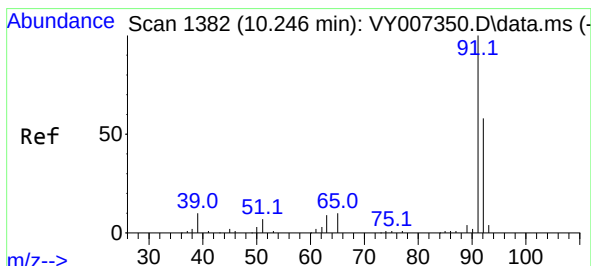
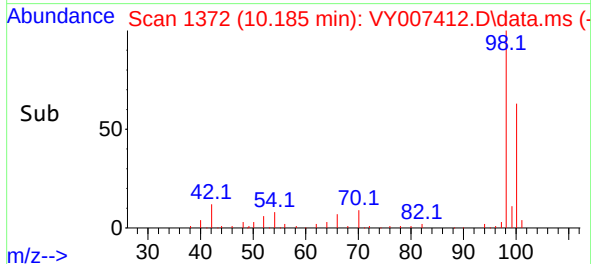
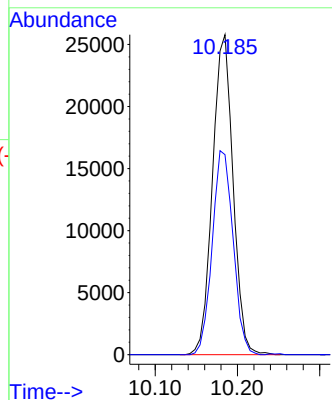
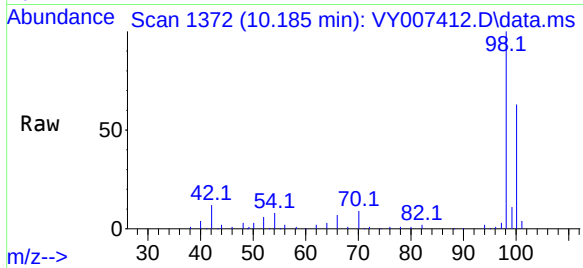




#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

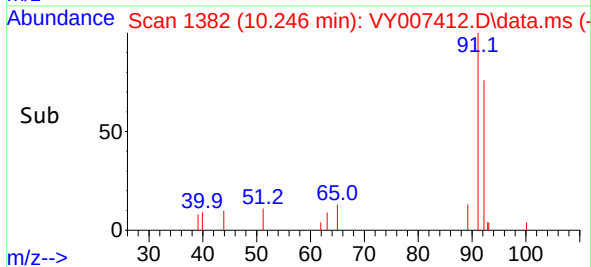
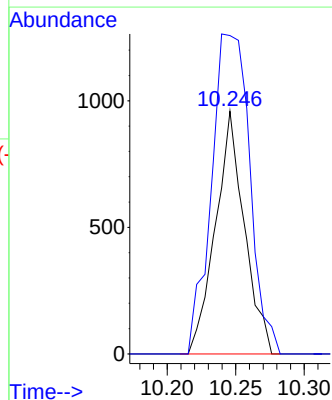
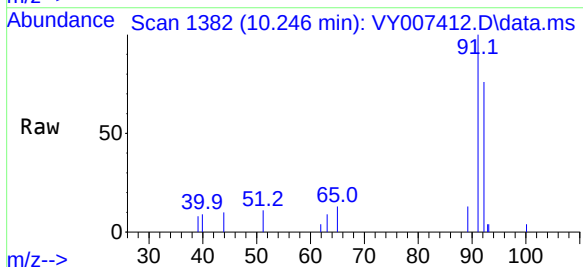
Instrument :
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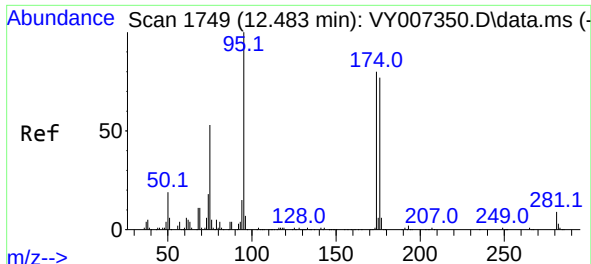
Tgt Ion: 98 Resp: 44712
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#52
Toluene
Concen: 1.963 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 92 Resp: 1408
Ion Ratio Lower Upper
92 100
91 175.1 142.6 213.8

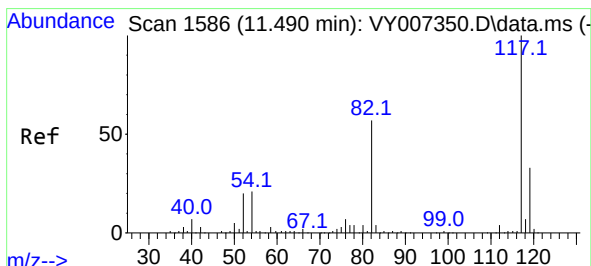
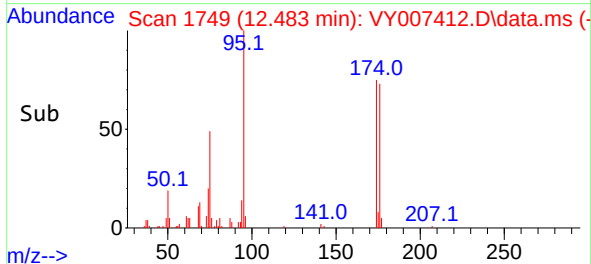
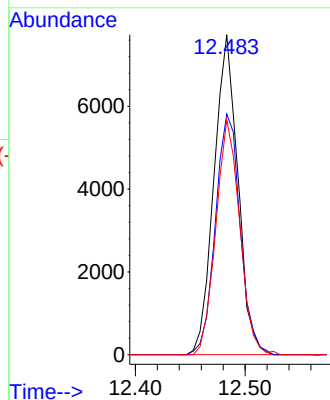
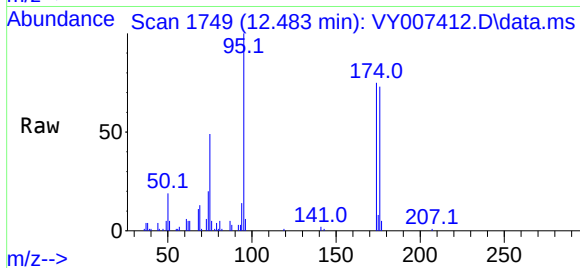




#62
4-Bromofluorobenzene
Concen: 37.922 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

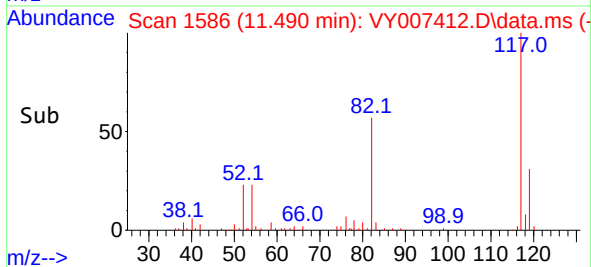
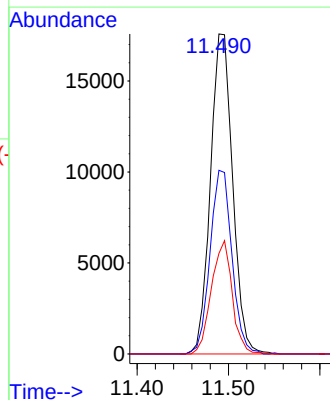
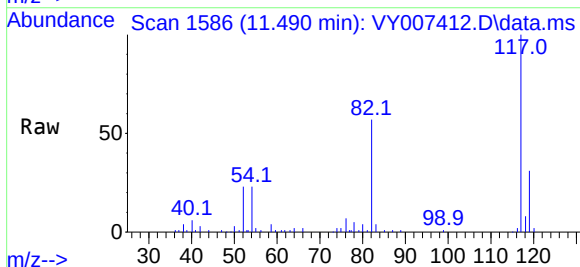
Instrument :
MSVOA_Y
ClientSampleId :
24801RE

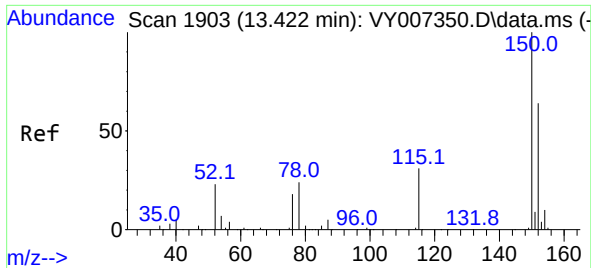
Tgt Ion: 95 Resp: 11700
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 73.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 117 Resp: 29621
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.4
119 31.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007412.D

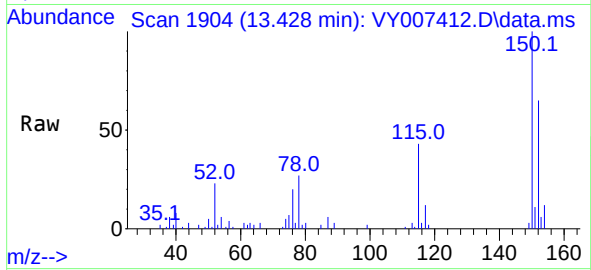
Acq: 07 Feb 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

24801RE



Tgt Ion:152 Resp: 8691

Ion Ratio Lower Upper

152 100

115 59.7 28.2 84.7

150 151.7 0.0 347.6

