

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009053.D
 Acq On : 24 May 2022 11:50
 Operator : KP/MD
 Sample : N2963-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-057RE

Quant Time: May 25 02:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

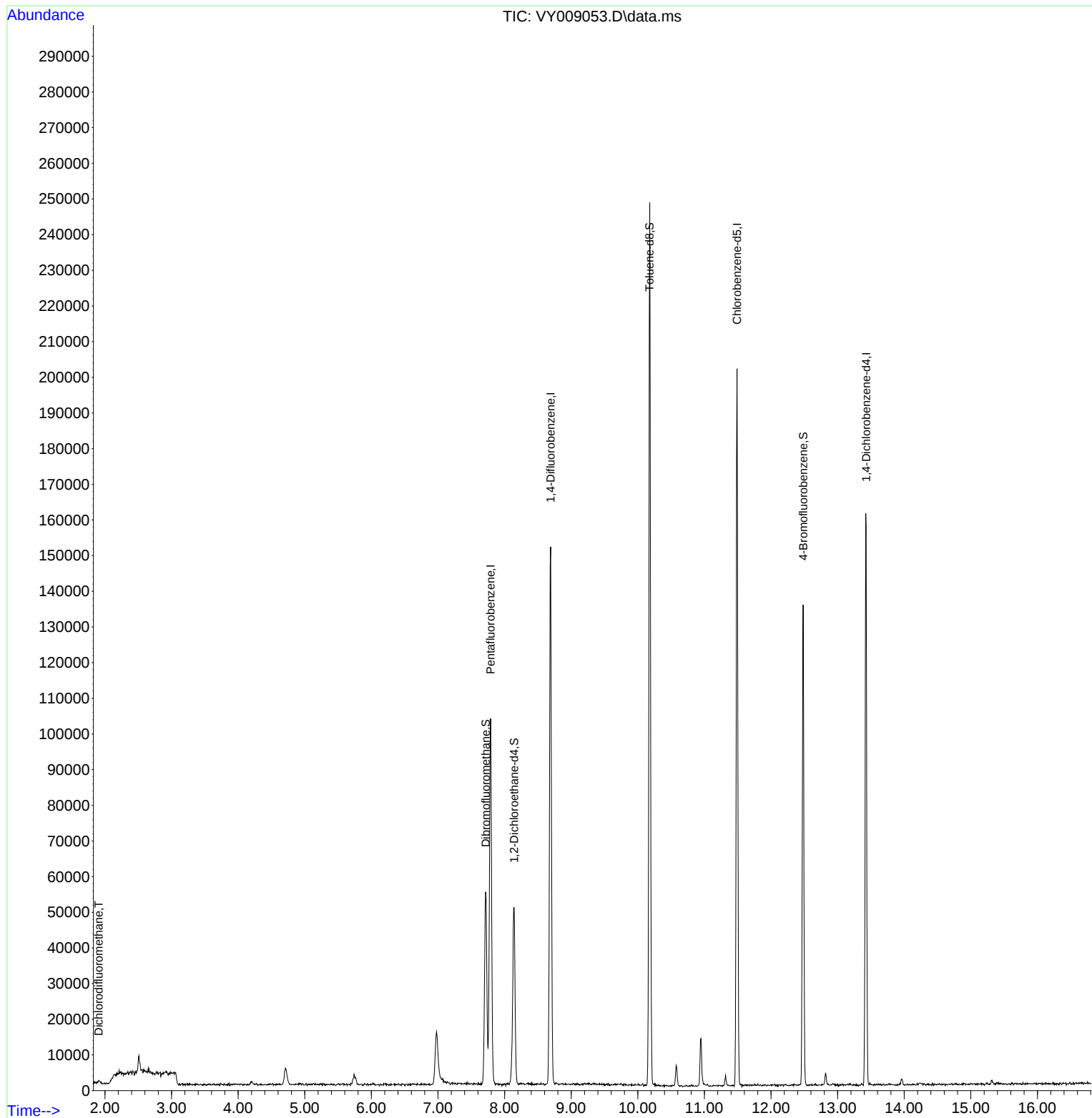
Internal Standards						
1) Pentafluorobenzene	7.789	168	76655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	127130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	103229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	36159	45.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.660%
35) Dibromofluoromethane	7.716	113	37493	47.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.179	98	152516	52.295	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.483	95	35178	29.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	742	1.058	ug/l	87

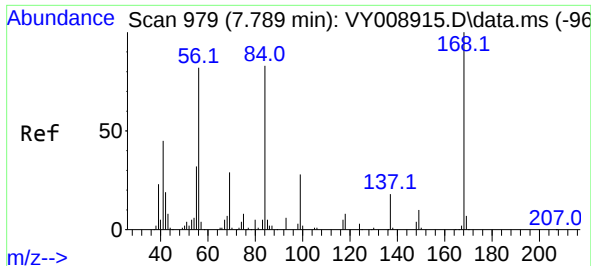
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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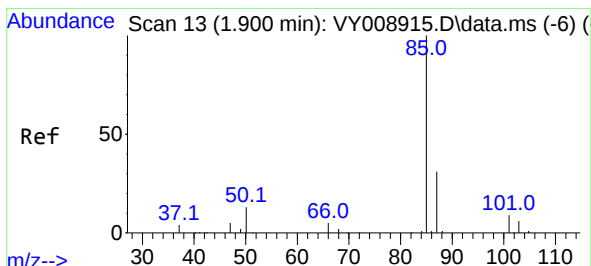
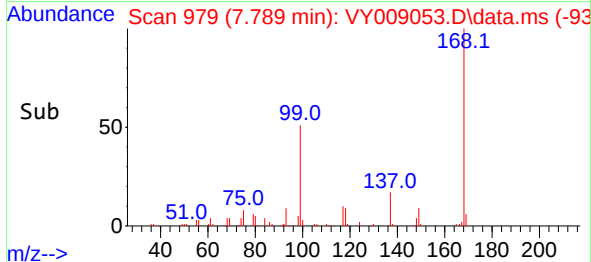
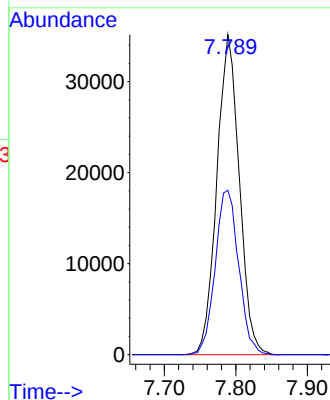
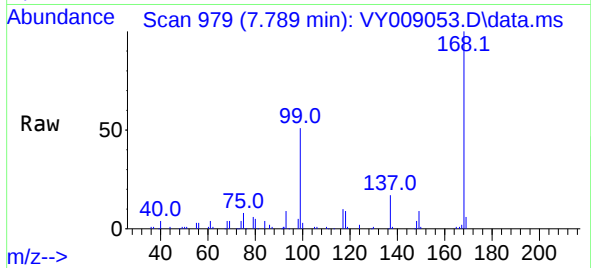




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009053.D
Acq: 24 May 2022 11:50

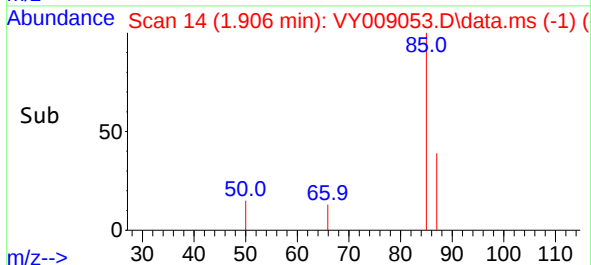
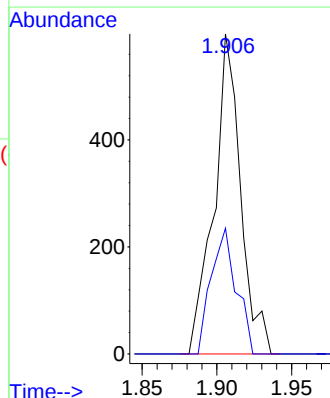
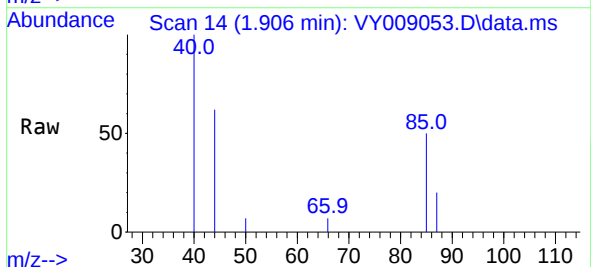
Instrument :
MSVOA_Y
ClientSampleId :
RBR-057RE

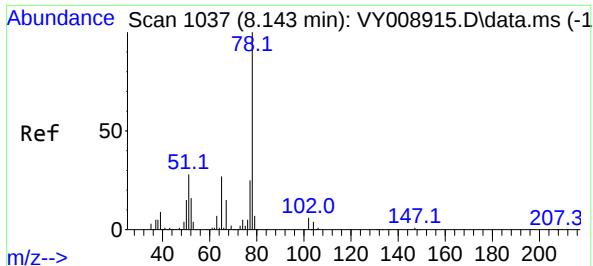
Tgt Ion:168 Resp: 76655
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.058 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009053.D
Acq: 24 May 2022 11:50

Tgt Ion: 85 Resp: 742
Ion Ratio Lower Upper
85 100
87 39.3 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 45.834 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY009053.D

Acq: 24 May 2022 11:50

Instrument :

MSVOA_Y

ClientSampleId :

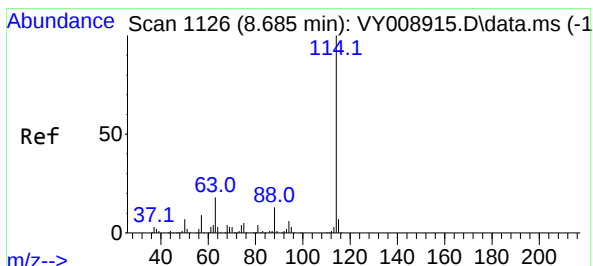
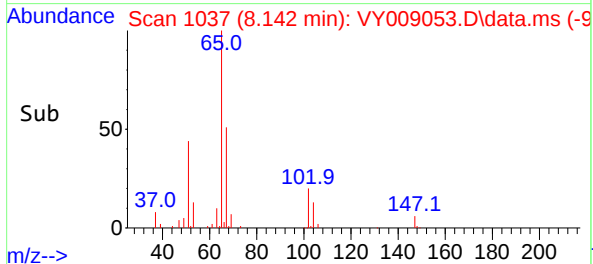
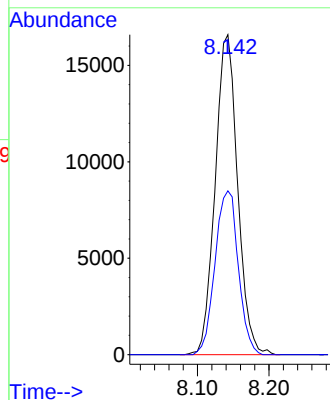
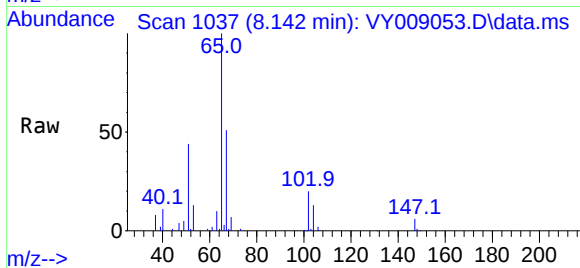
RBR-057RE

Tgt Ion: 65 Resp: 36159

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009053.D

Acq: 24 May 2022 11:50

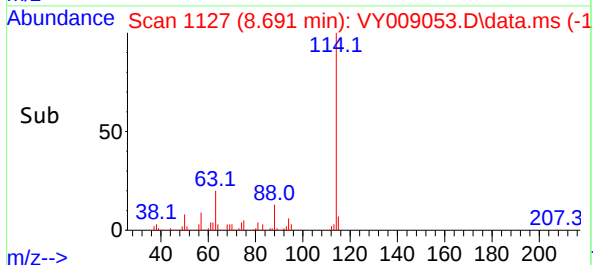
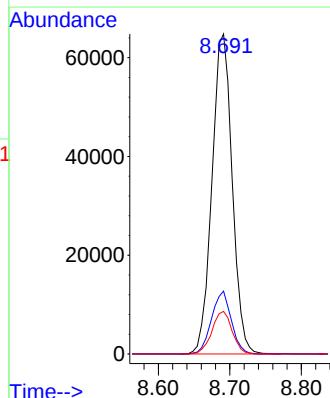
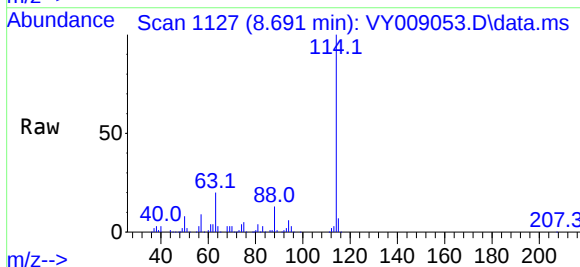
Tgt Ion:114 Resp: 127130

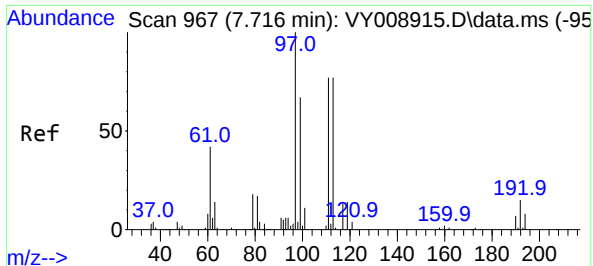
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.3 0.0 31.8

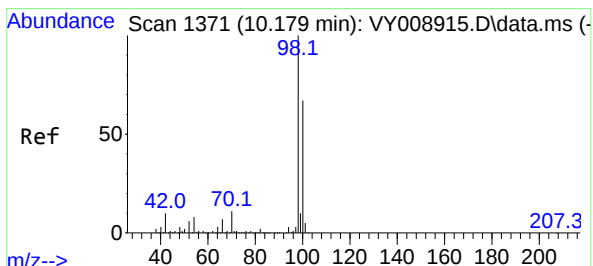
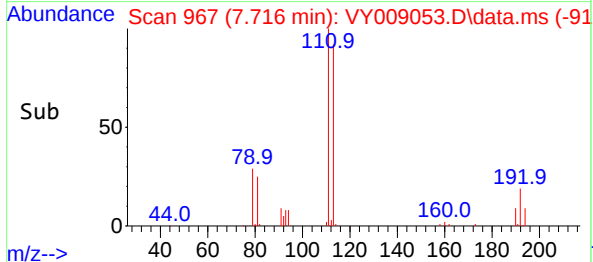
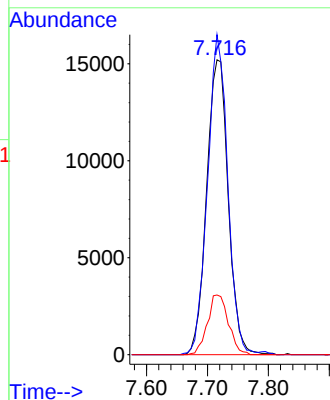
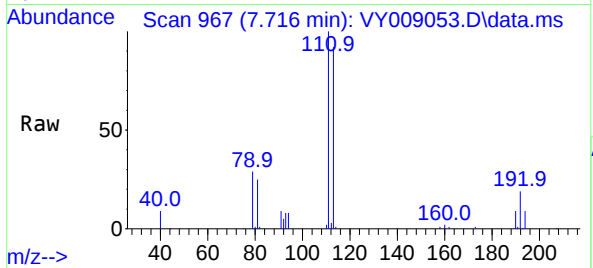




#35
Dibromofluoromethane
Concen: 47.427 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009053.D
Acq: 24 May 2022 11:50

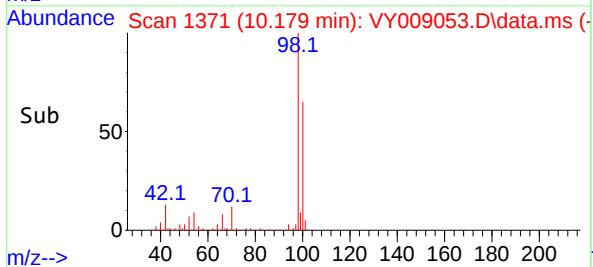
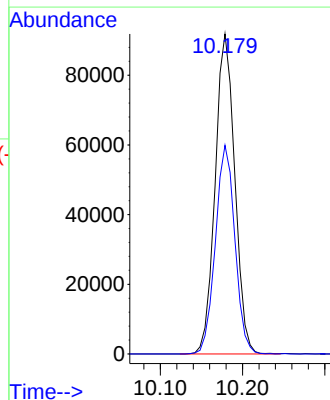
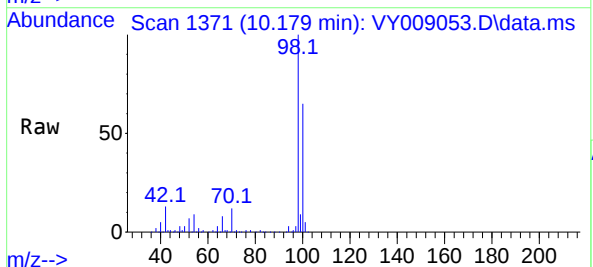
Instrument :
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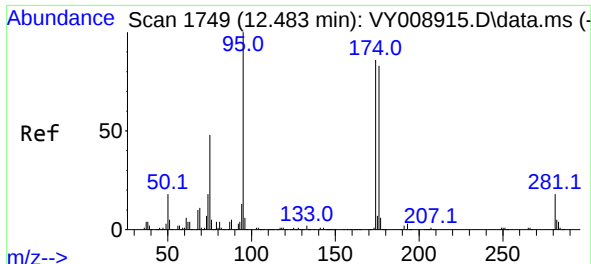
Tgt Ion:113 Resp: 37493
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 52.295 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009053.D
Acq: 24 May 2022 11:50

Tgt Ion: 98 Resp: 152516
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

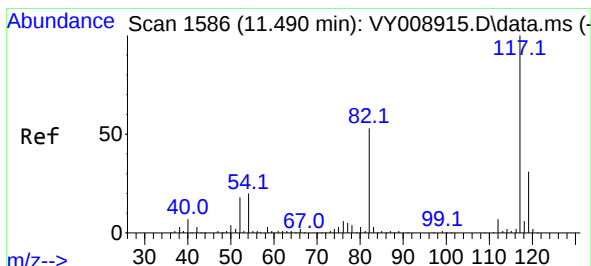
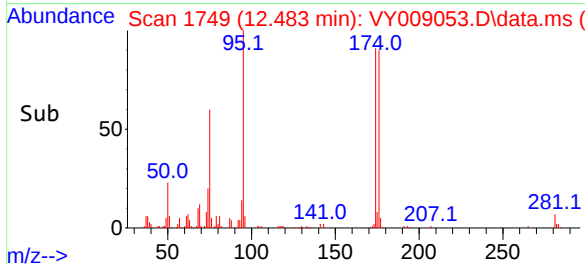
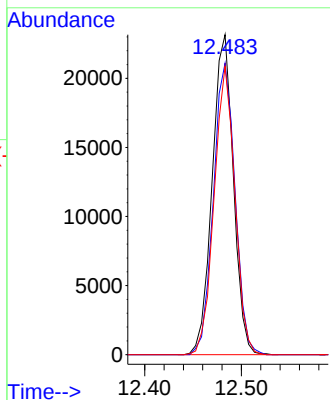
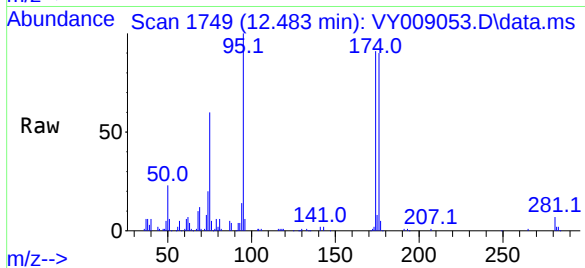




#62
4-Bromofluorobenzene
Concen: 29.901 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009053.D
Acq: 24 May 2022 11:50

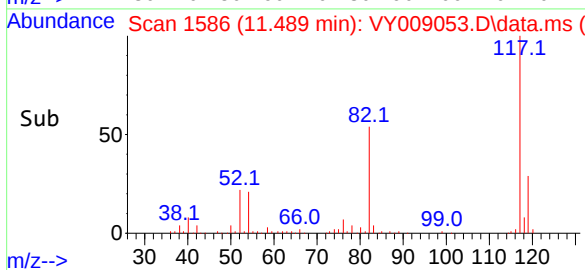
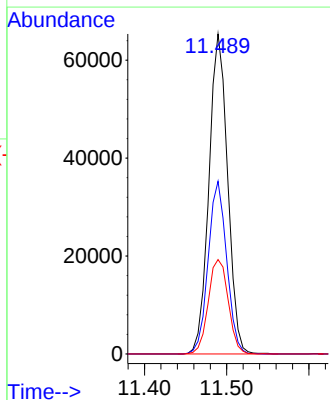
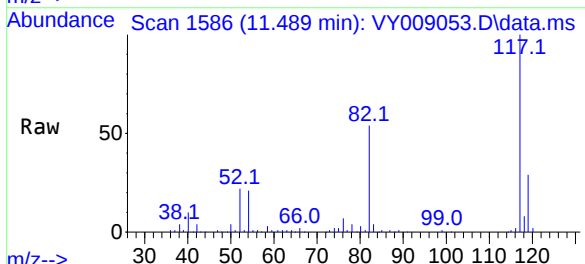
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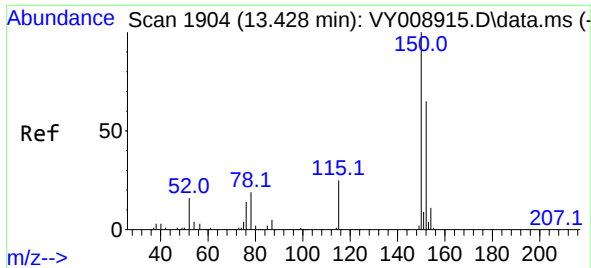
Tgt Ion: 95 Resp: 35178
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 88.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009053.D
Acq: 24 May 2022 11:50

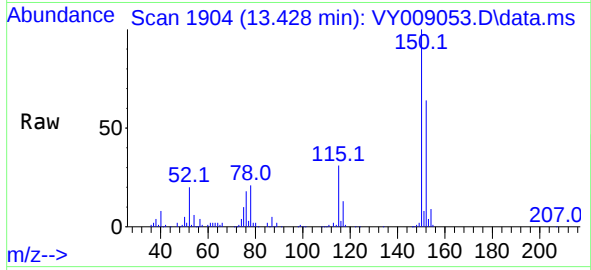
Tgt Ion: 117 Resp: 103229
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 29.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009053.D
 Acq: 24 May 2022 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-057RE



Tgt Ion:152 Resp: 39686

Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.2	84.7
150	154.9	0.0	347.6

