

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009164.D
 Acq On : 07 Jun 2022 15:18
 Operator : KP/MD
 Sample : N3179-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-060222

Quant Time: Jun 07 17:18:14 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)

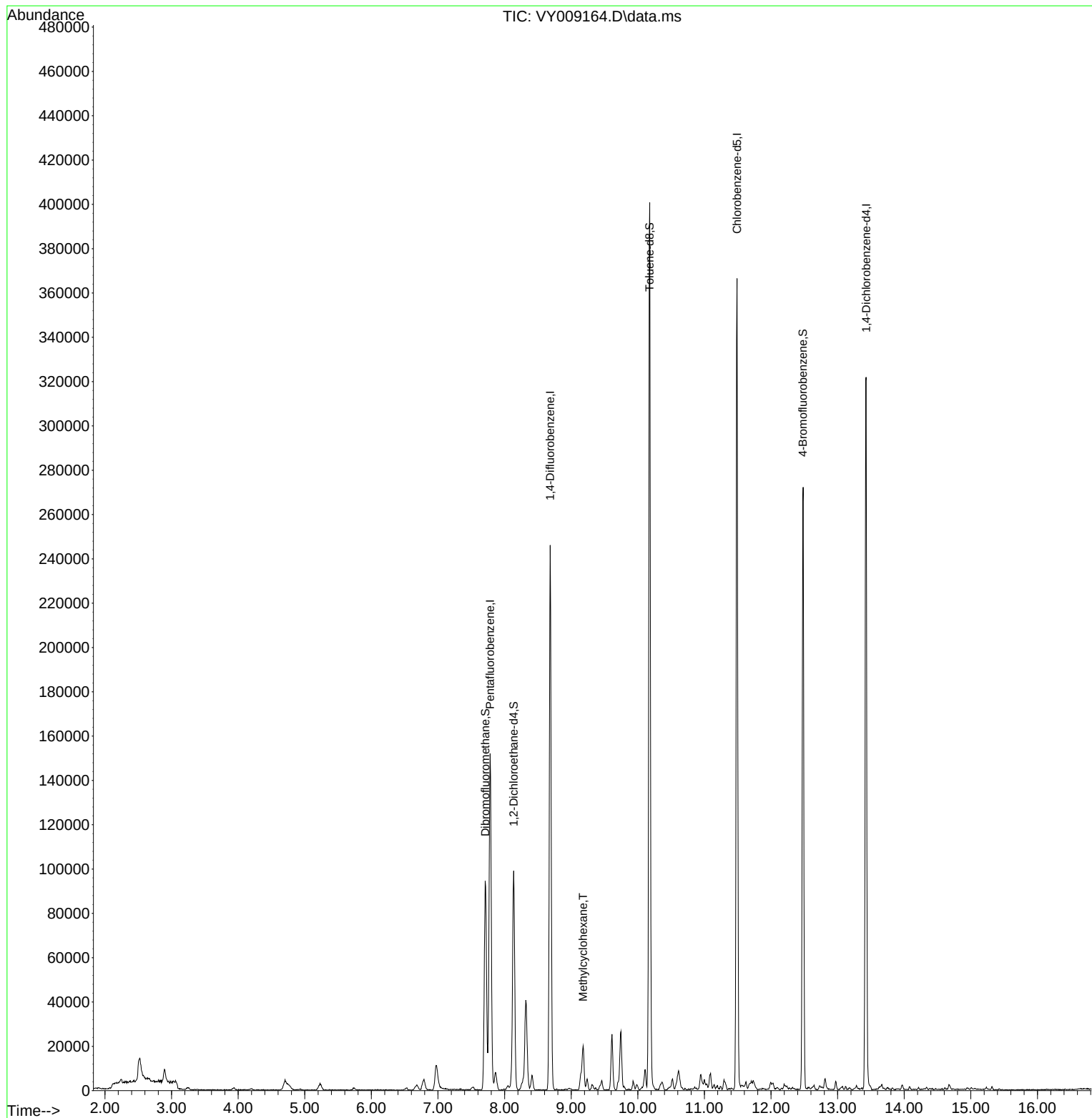
Internal Standards						
1) Pentafluorobenzene	7.783	168	111654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70144	61.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.080%	
35) Dibromofluoromethane	7.709	113	63832	51.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.178	98	246830	53.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	12.477	95	72490	38.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.860%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.179	83	8585	3.123	ug/l	95

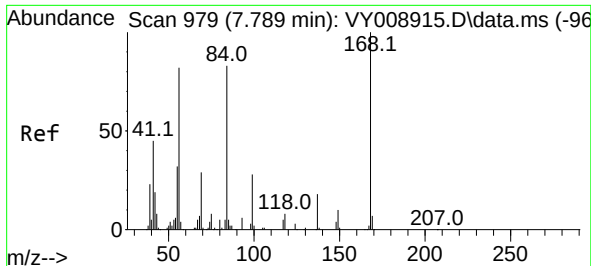
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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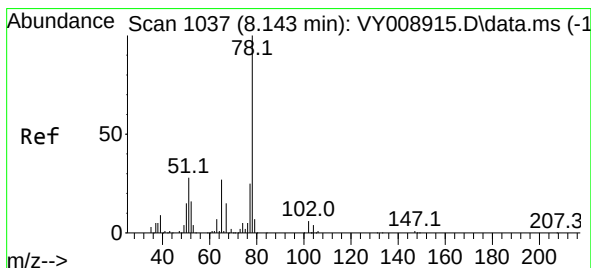
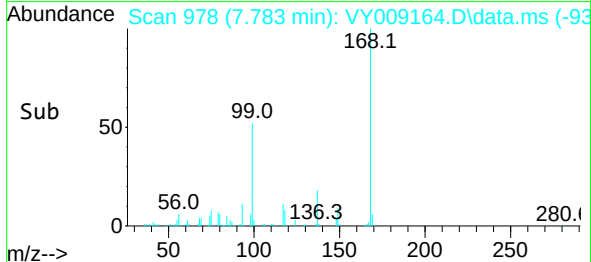
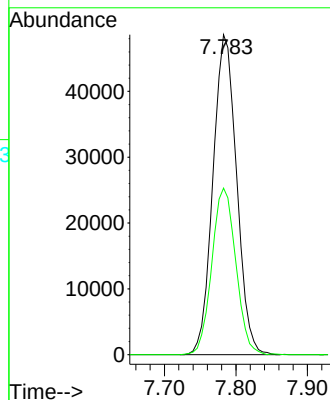
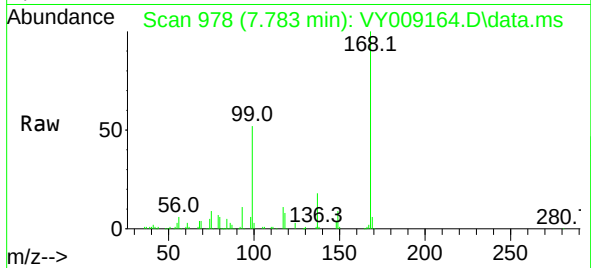




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009164.D
Acq: 07 Jun 2022 15:18

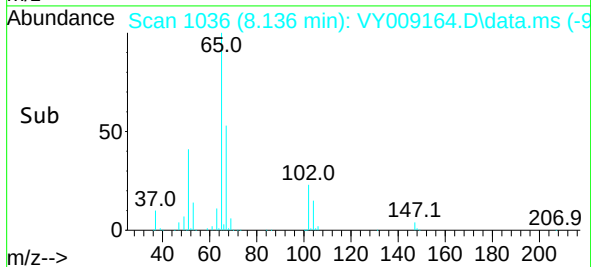
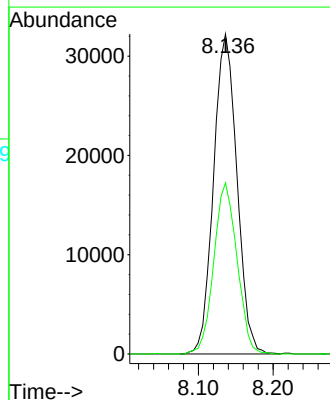
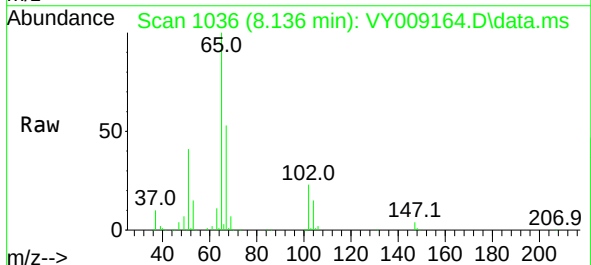
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-060222

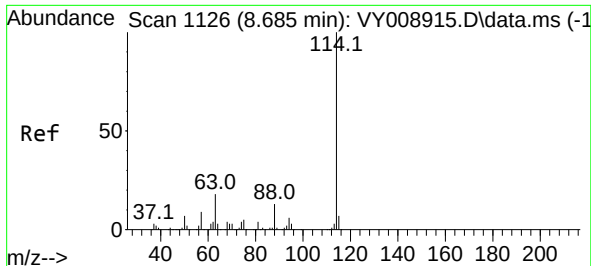
Tgt Ion:168 Resp: 111654
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.041 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009164.D
Acq: 07 Jun 2022 15:18

Tgt Ion: 65 Resp: 70144
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009164.D

Acq: 07 Jun 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-060222

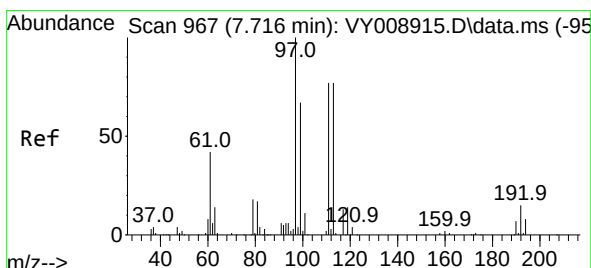
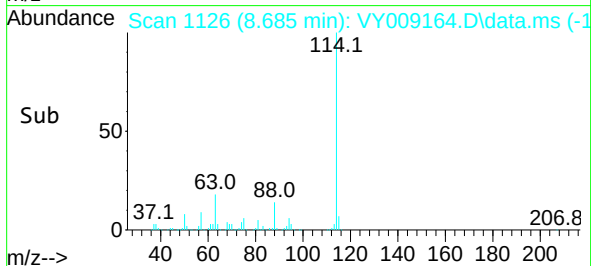
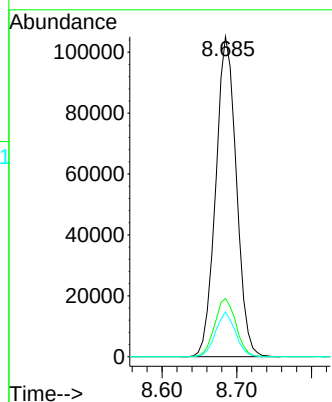
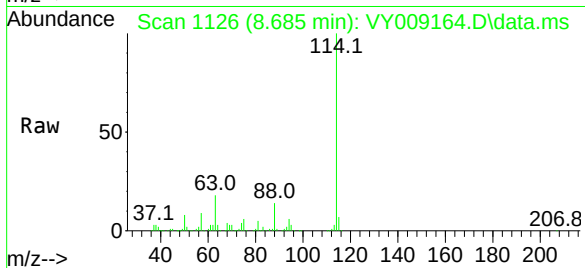
Tgt Ion:114 Resp: 201234

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.010 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY009164.D

Acq: 07 Jun 2022 15:18

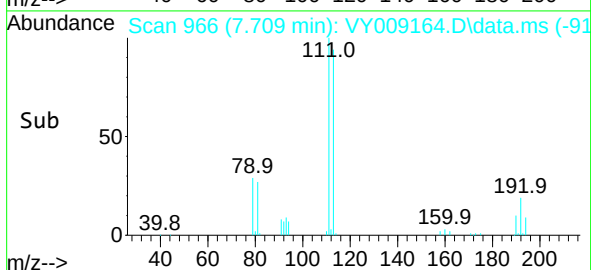
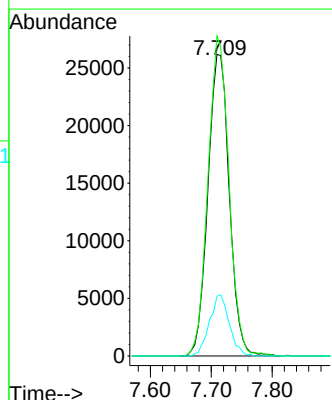
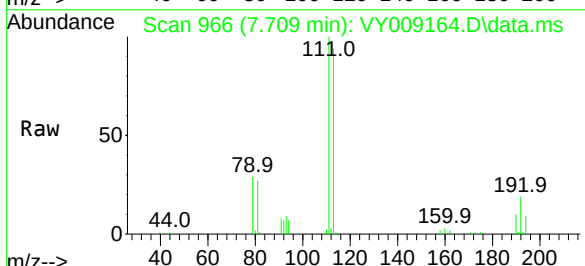
Tgt Ion:113 Resp: 63832

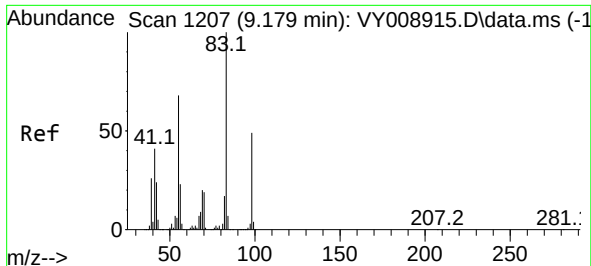
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 18.7 17.6 26.4





#39

Methylcyclohexane

Concen: 3.123 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY009164.D

Acq: 07 Jun 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-060222

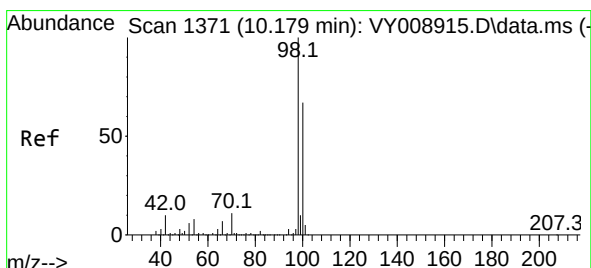
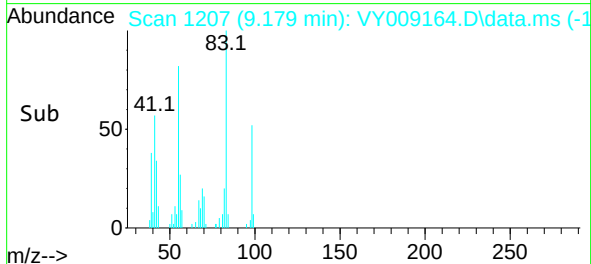
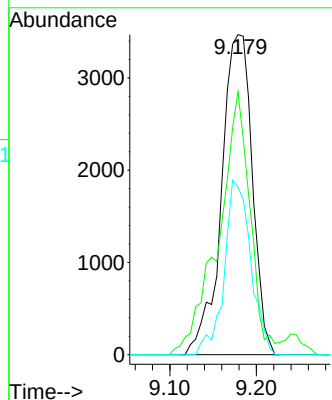
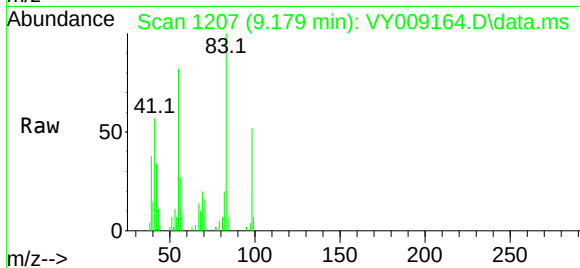
Tgt Ion: 83 Resp: 8585

Ion Ratio Lower Upper

83 100

55 79.4 66.5 99.7

98 52.3 37.9 56.9



#50

Toluene-d8

Concen: 53.468 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY009164.D

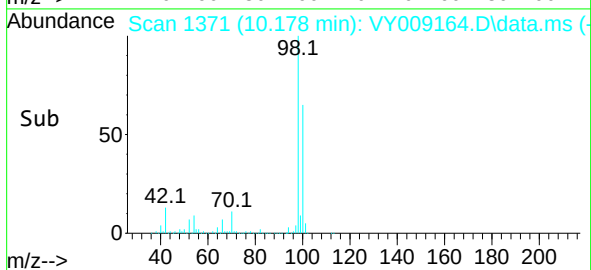
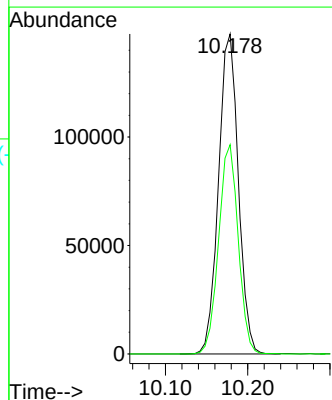
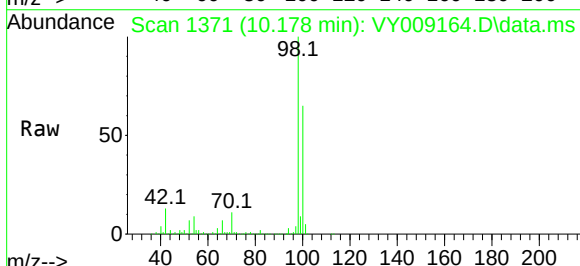
Acq: 07 Jun 2022 15:18

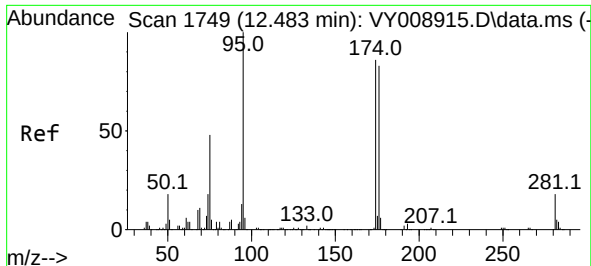
Tgt Ion: 98 Resp: 246830

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2

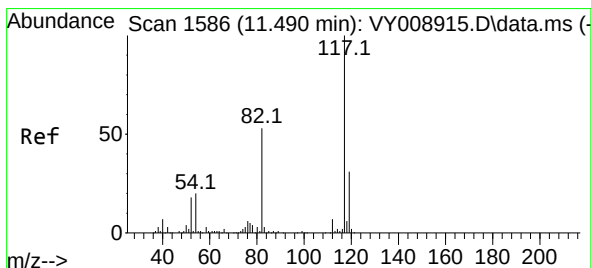
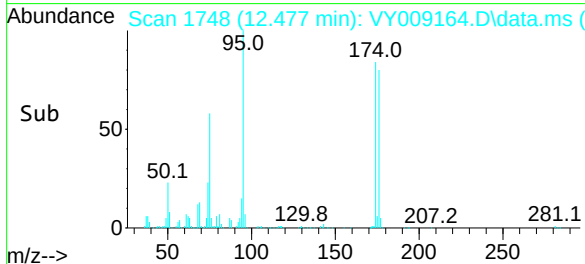
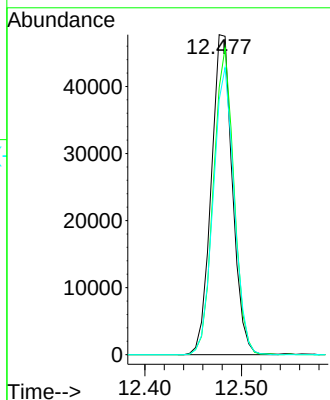
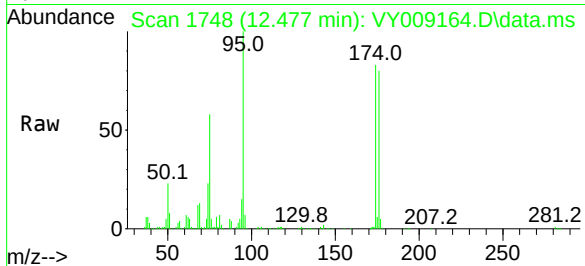




#62
4-Bromofluorobenzene
Concen: 38.927 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009164.D
Acq: 07 Jun 2022 15:18

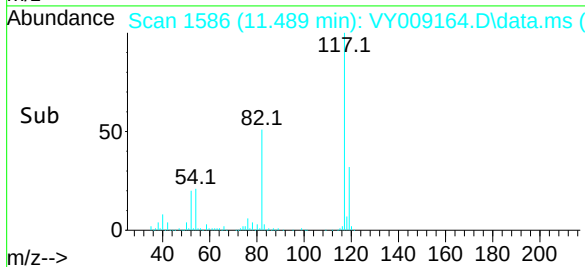
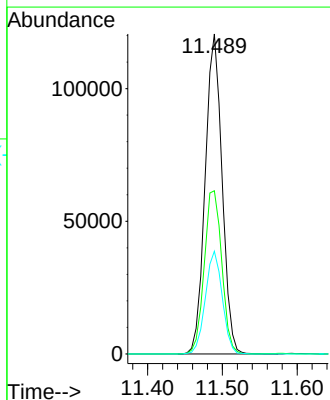
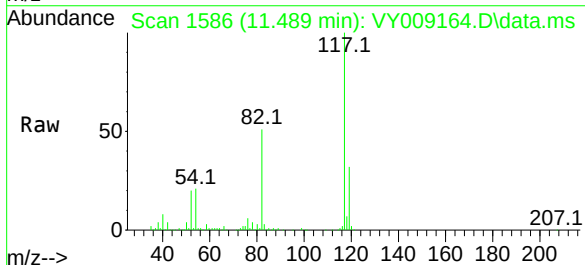
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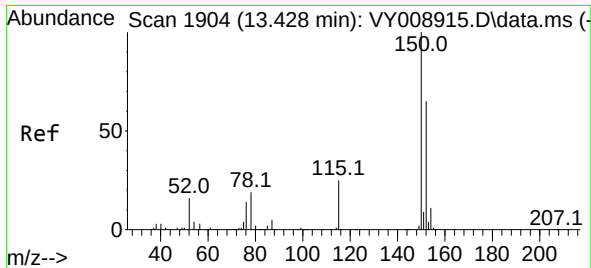
Tgt Ion: 95 Resp: 72490
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 88.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009164.D
Acq: 07 Jun 2022 15:18

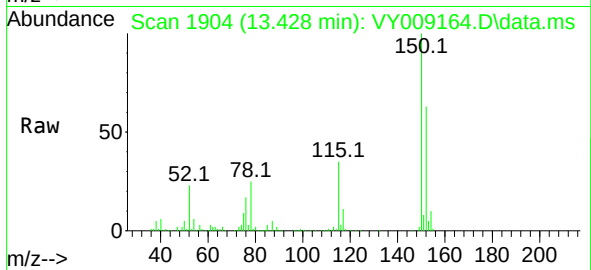
Tgt Ion: 117 Resp: 189372
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY009164.D
 Acq: 07 Jun 2022 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-060222



Tgt Ion:	152	Resp:	80853
Ion Ratio	Lower	Upper	
152	100		
115	55.6	28.2	84.7
150	157.3	0.0	347.6

