

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007536.D
 Acq On : 17 Feb 2022 20:32
 Operator : SY/MD
 Sample : N1580-11
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-11

Quant Time: Feb 18 07:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

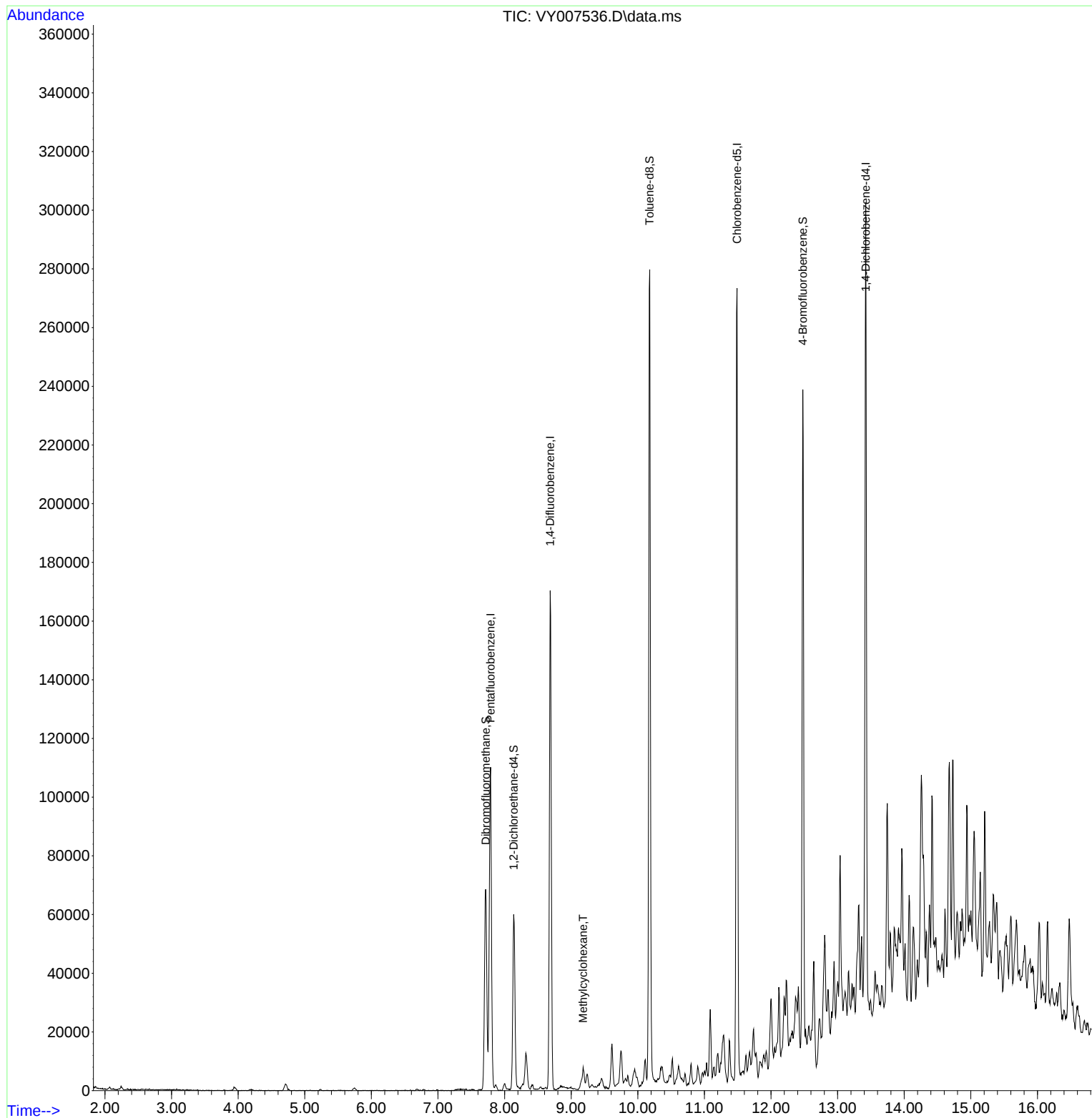
Internal Standards						
1) Pentafluorobenzene	7.789	168	82377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	147702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47023	51.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.400%	
35) Dibromofluoromethane	7.716	113	48066	51.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.179	98	180972	51.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.477	95	66884	55.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.520%	
Target Compounds						
39) Methylcyclohexane	9.179	83	2538	1.295	ug/l	Qvalue # 72

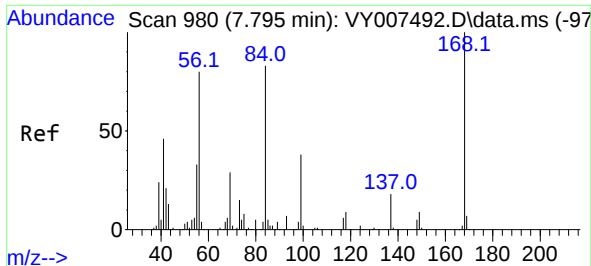
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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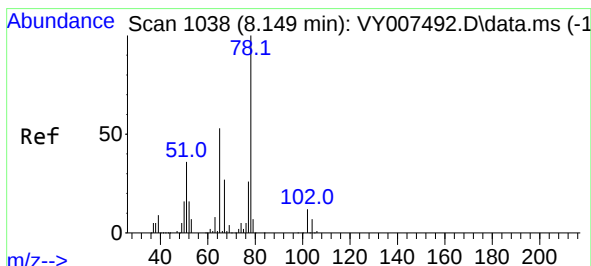
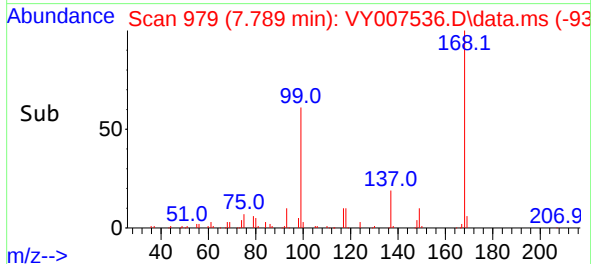
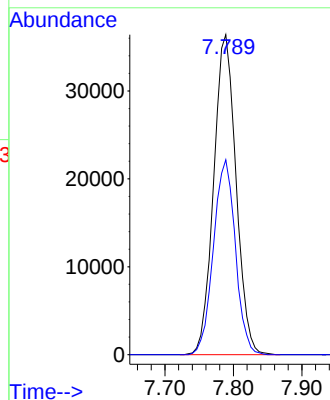
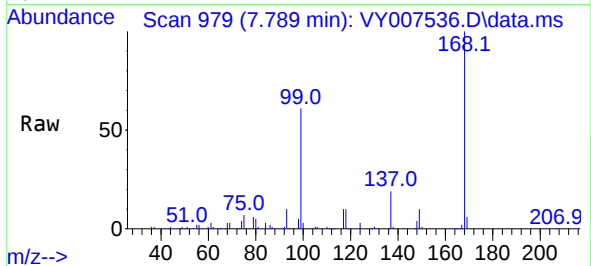




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

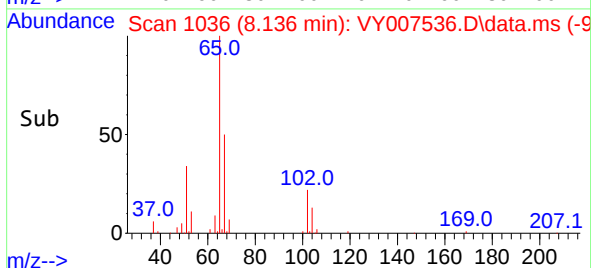
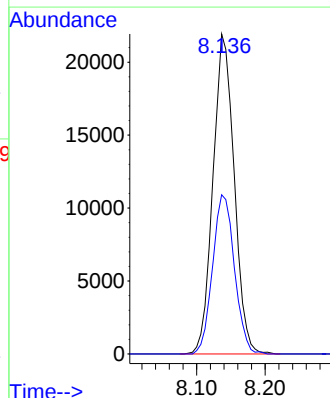
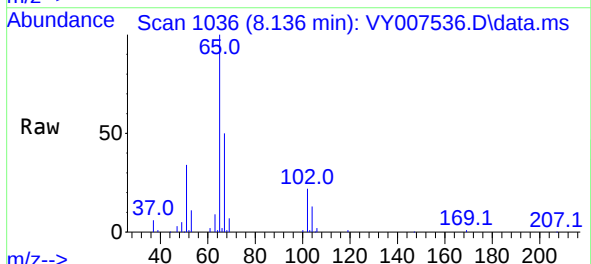
Instrument :
MSVOA_Y
ClientSampleId :
D-11

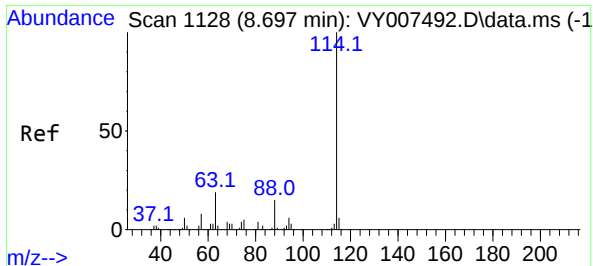
Tgt Ion:168 Resp: 82377
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.703 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 65 Resp: 47023
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007536.D

Acq: 17 Feb 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

D-11

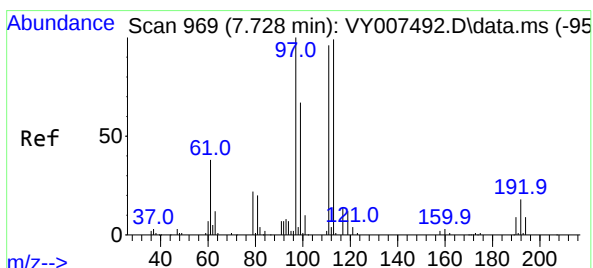
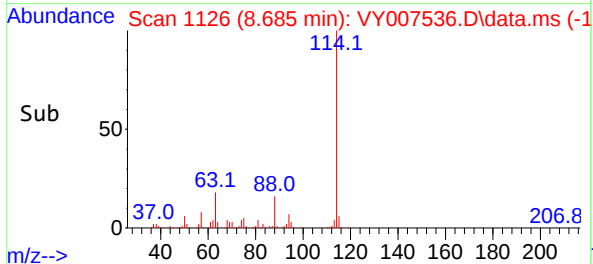
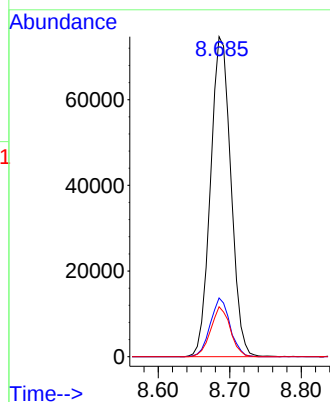
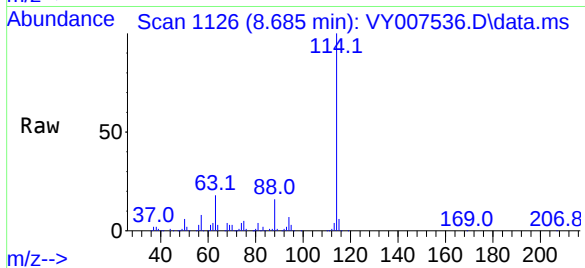
Tgt Ion:114 Resp: 147702

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.603 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007536.D

Acq: 17 Feb 2022 20:32

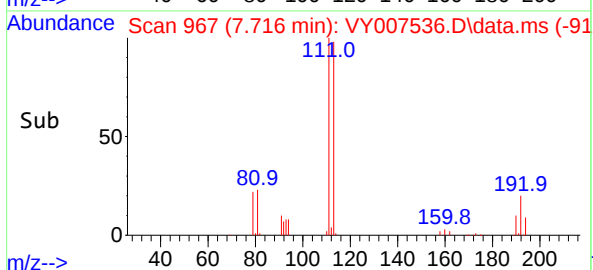
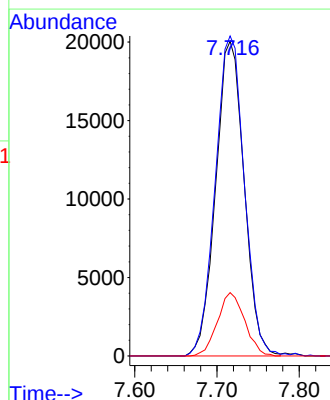
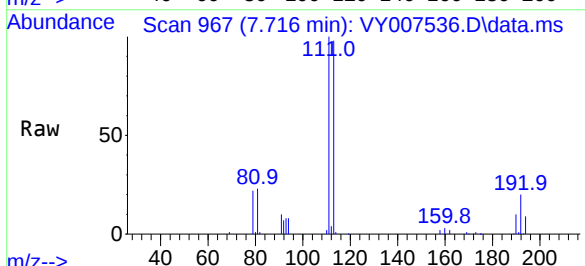
Tgt Ion:113 Resp: 48066

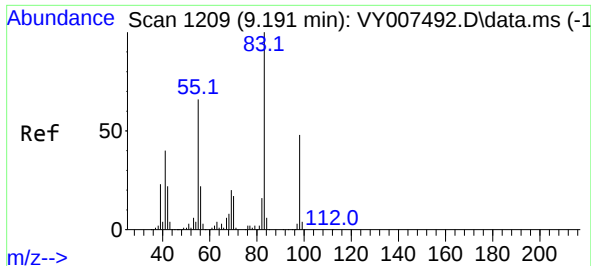
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.3 17.6 26.4





#39

Methylcyclohexane

Concen: 1.295 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007536.D

Acq: 17 Feb 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

D-11

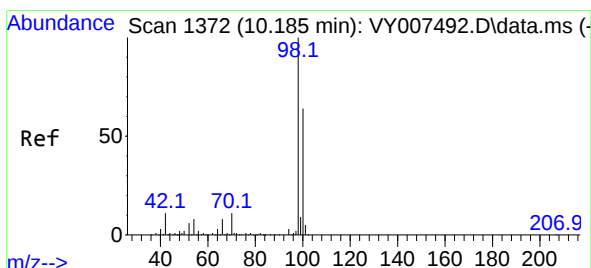
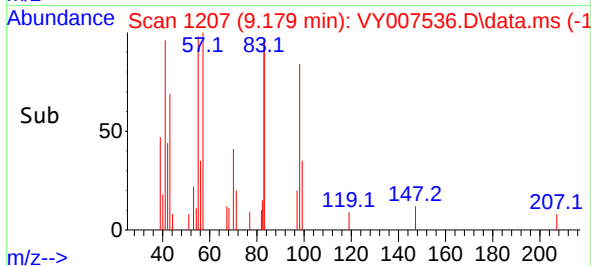
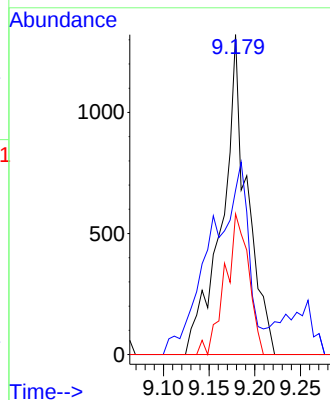
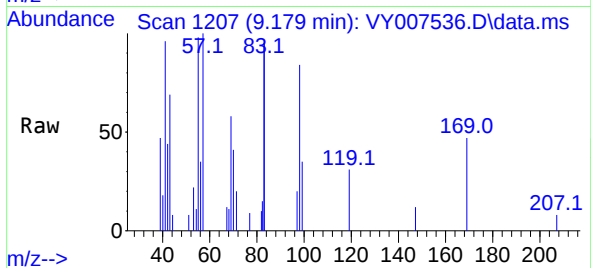
Tgt Ion: 83 Resp: 2538

Ion Ratio Lower Upper

83 100

55 46.3 66.5 99.7#

98 44.0 37.9 56.9



#50

Toluene-d8

Concen: 51.154 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007536.D

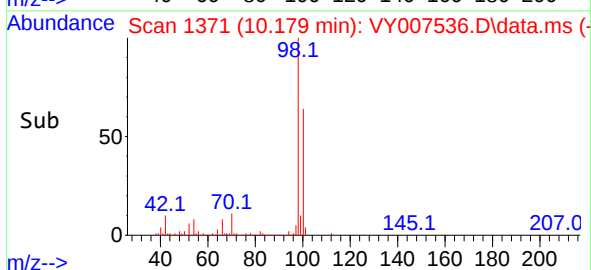
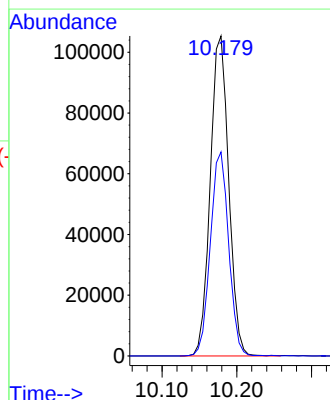
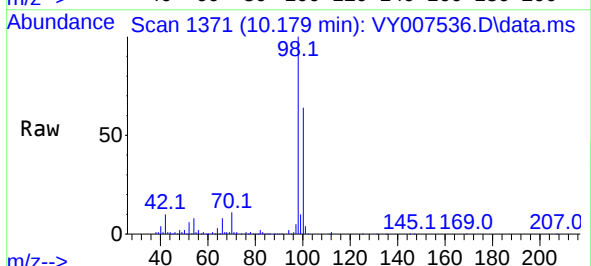
Acq: 17 Feb 2022 20:32

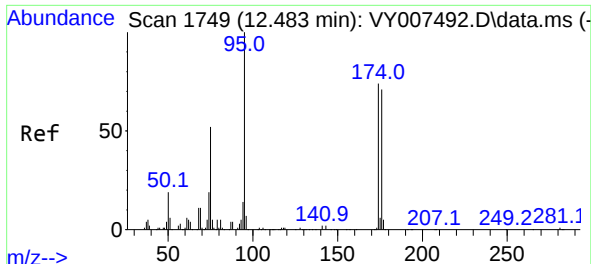
Tgt Ion: 98 Resp: 180972

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.2

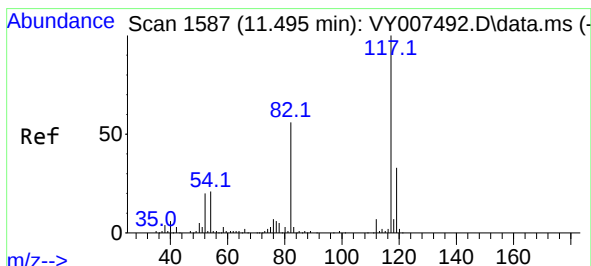
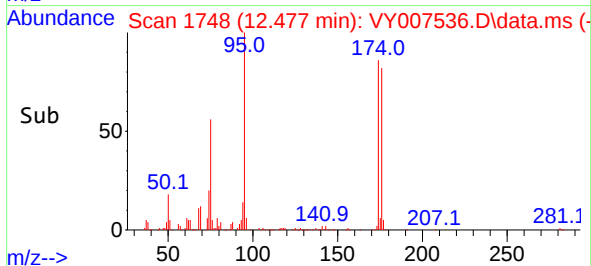
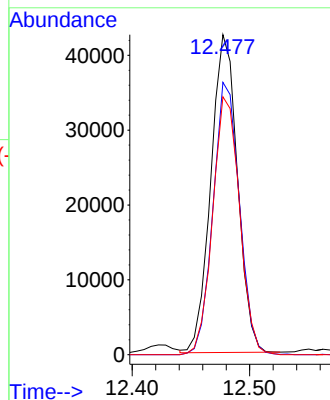
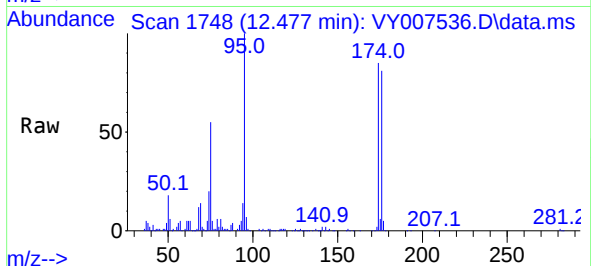




#62
4-Bromofluorobenzene
Concen: 55.757 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

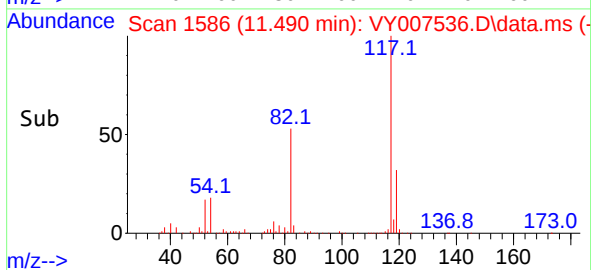
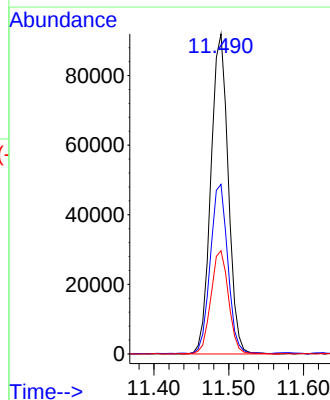
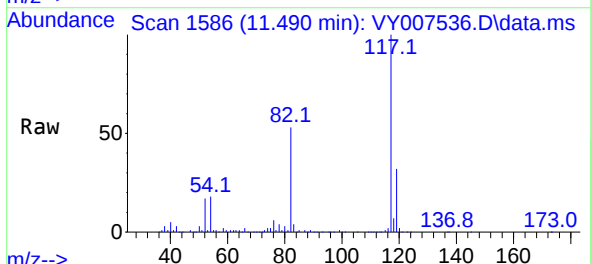
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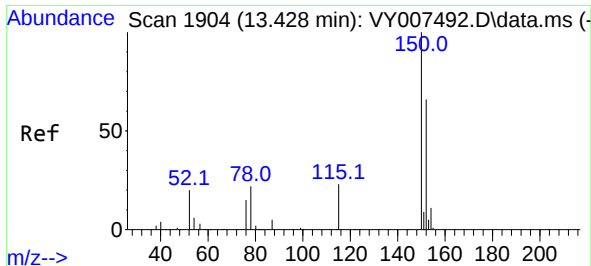
Tgt Ion:	95	Resp:	66884
Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	177.0
176	81.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

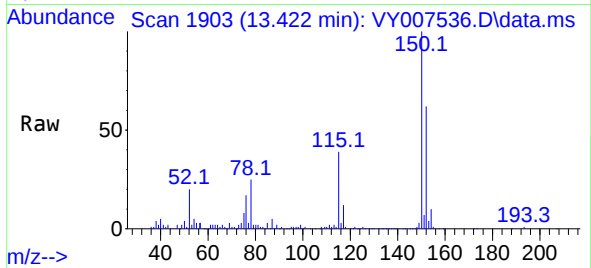
Tgt Ion:	117	Resp:	148470
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	32.2	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007536.D
 Acq: 17 Feb 2022 20:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-11



Tgt Ion:152 Resp: 68826
 Ion Ratio Lower Upper
 152 100
 115 60.6 28.2 84.7
 150 157.2 0.0 347.6

