

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007546.D
 Acq On : 18 Feb 2022 15:41
 Operator : SY/MD
 Sample : N1580-07
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-7

Quant Time: Feb 19 04:33:39 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)

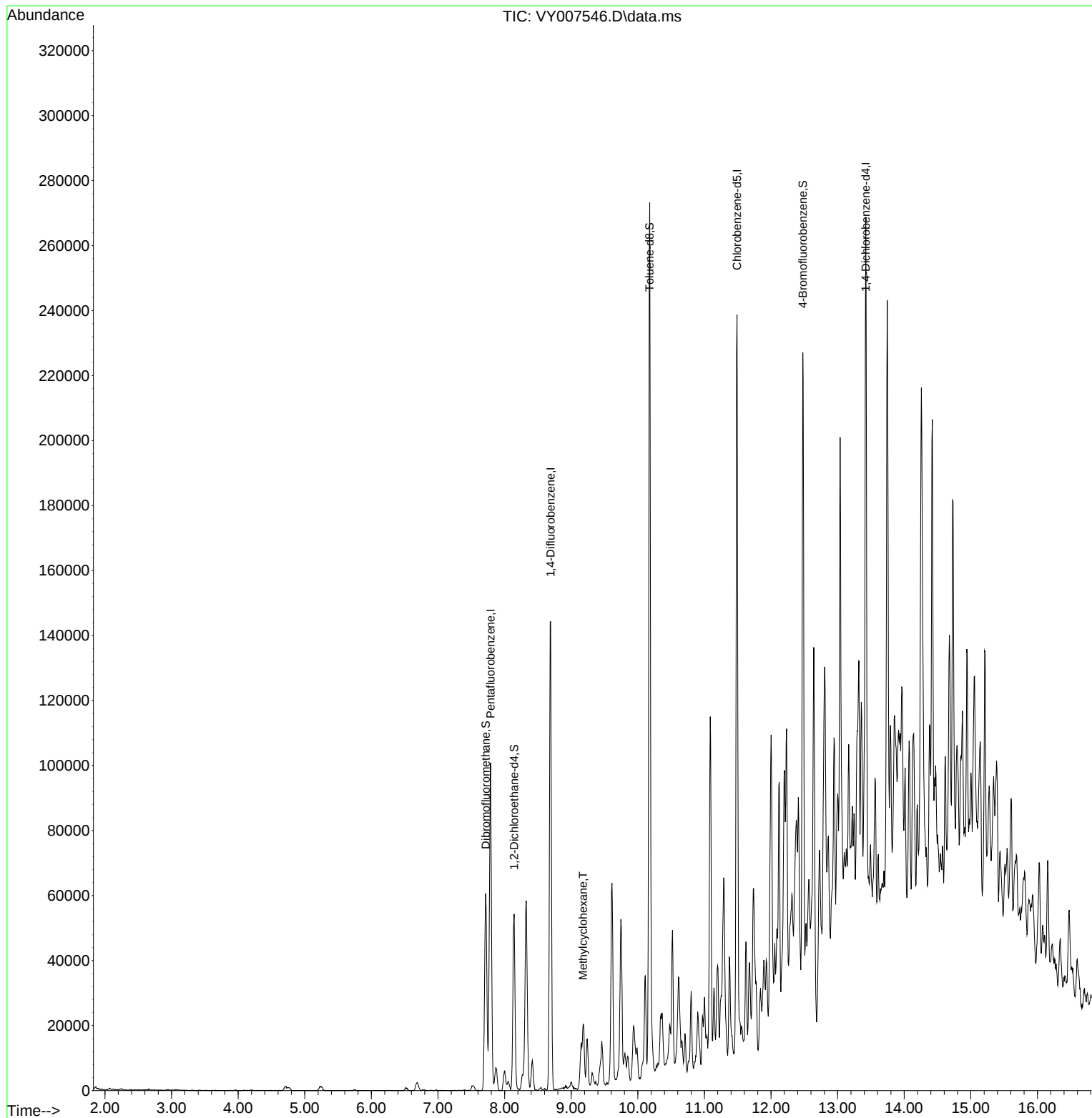
Internal Standards						
1) Pentafluorobenzene	7.789	168	72329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43921	55.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.716	113	41768	51.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.179	98	152665	49.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.477	95	55743	53.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.040%
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.179	83	7952	4.675	ug/l	88

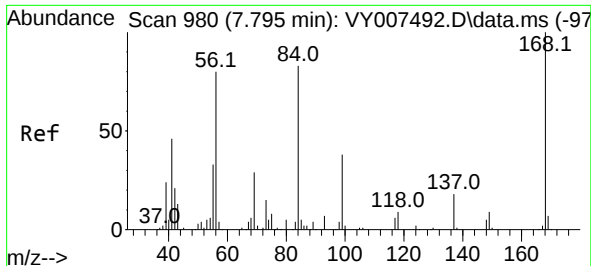
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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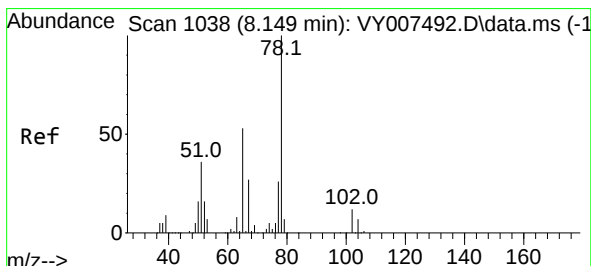
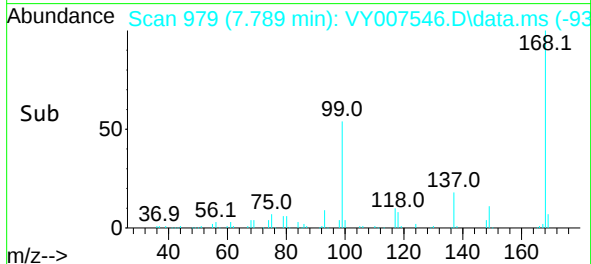
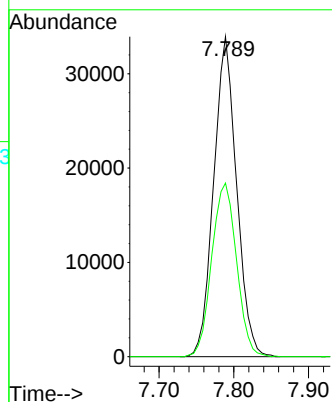
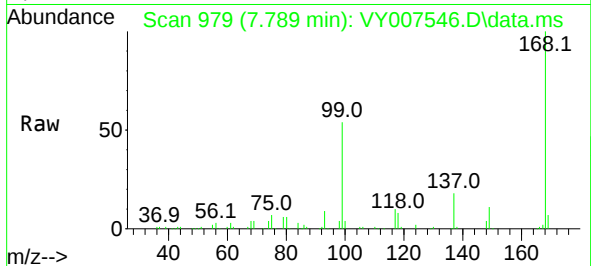




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

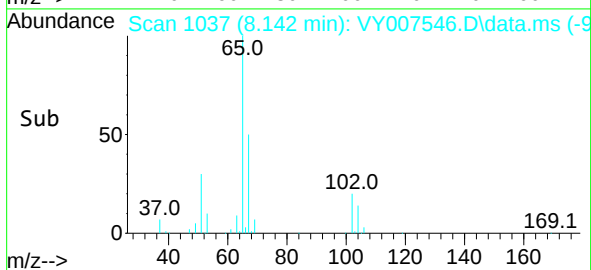
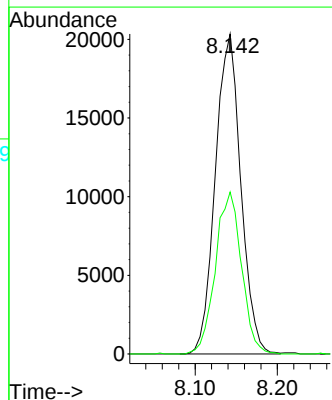
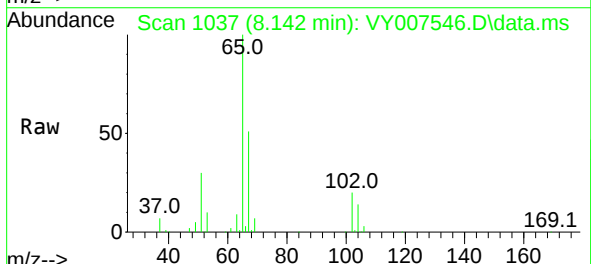
Instrument :
MSVOA_Y
ClientSampleId :
D-7

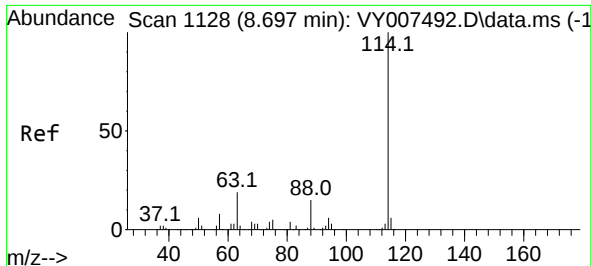
Tgt Ion:168 Resp: 72329
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.001 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 65 Resp: 43921
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007546.D

Acq: 18 Feb 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

D-7

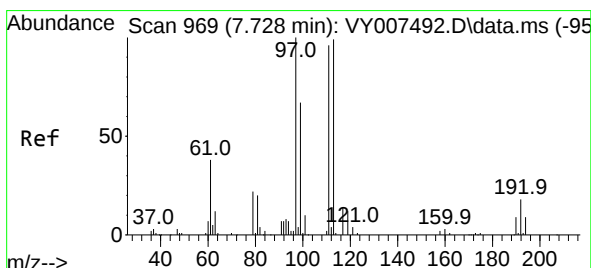
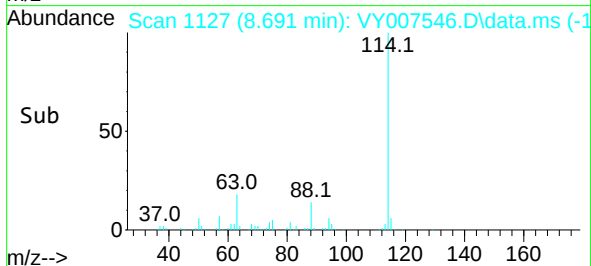
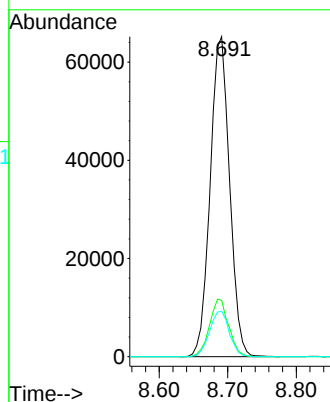
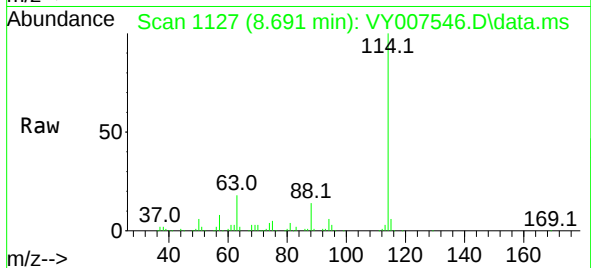
Tgt Ion:114 Resp: 128240

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.647 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007546.D

Acq: 18 Feb 2022 15:41

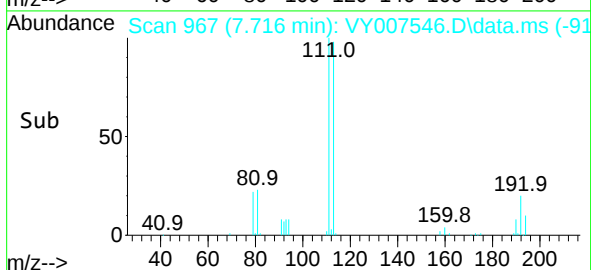
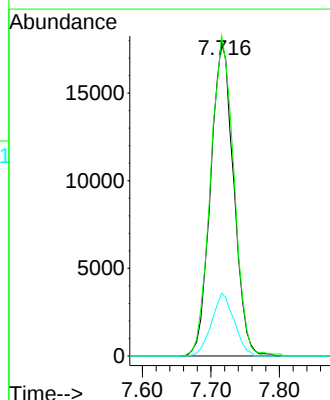
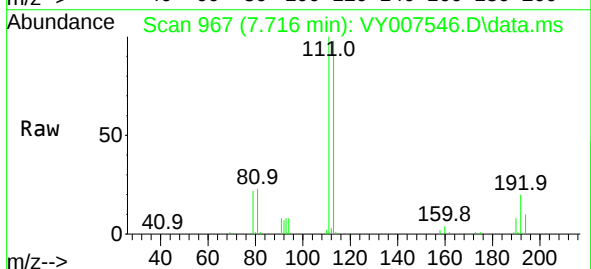
Tgt Ion:113 Resp: 41768

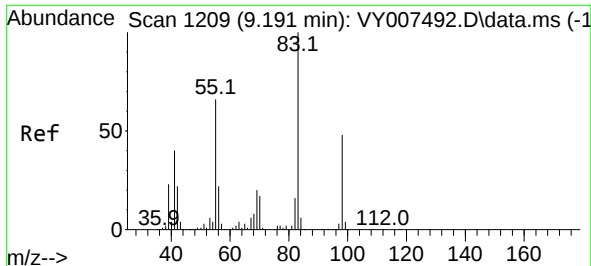
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.6 17.6 26.4





#39

Methylcyclohexane

Concen: 4.675 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007546.D

Acq: 18 Feb 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

D-7

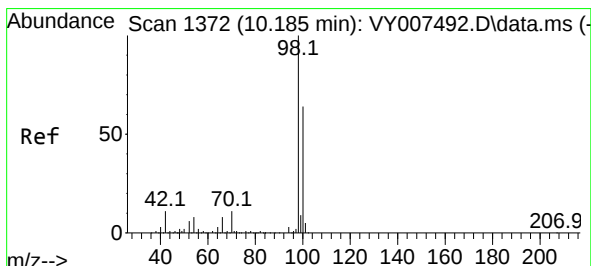
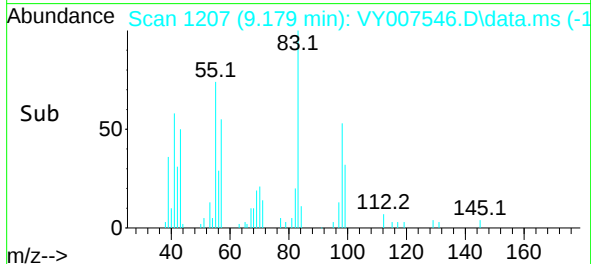
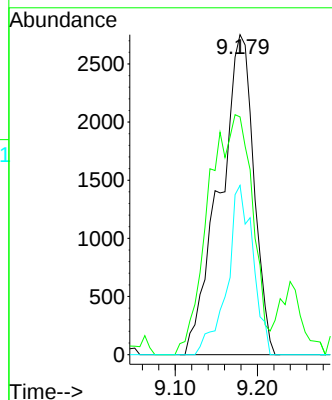
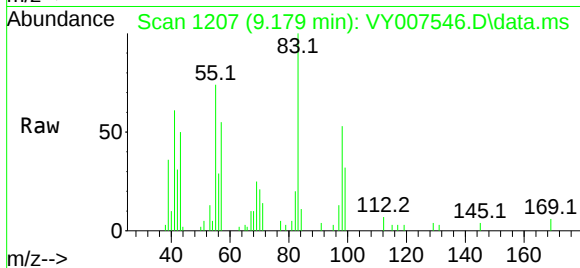
Tgt Ion: 83 Resp: 7952

Ion Ratio Lower Upper

83 100

55 70.9 66.5 99.7

98 52.9 37.9 56.9



#50

Toluene-d8

Concen: 49.702 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007546.D

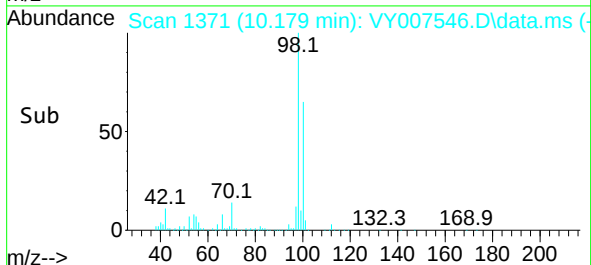
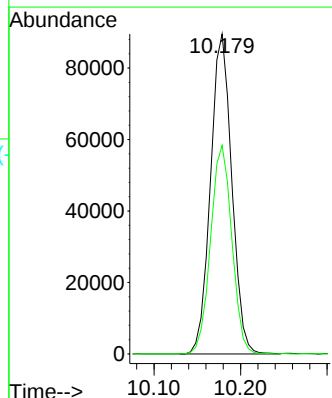
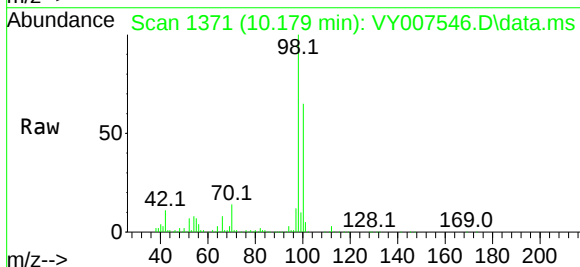
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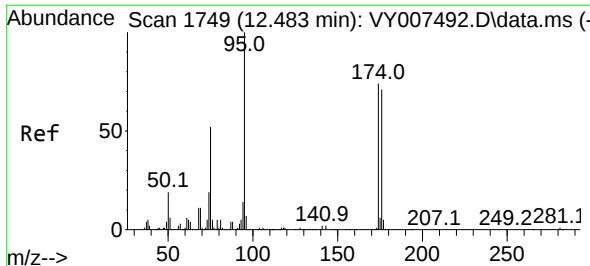
Tgt Ion: 98 Resp: 152665

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

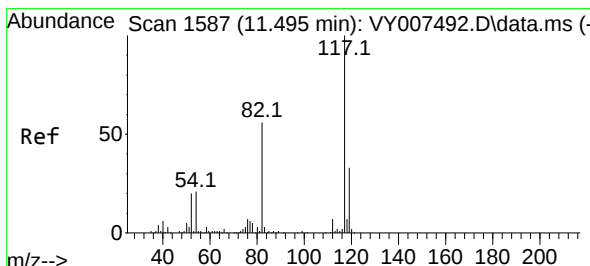
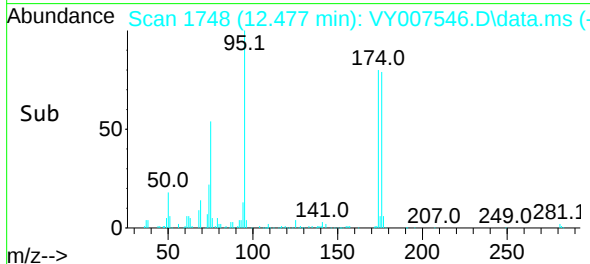
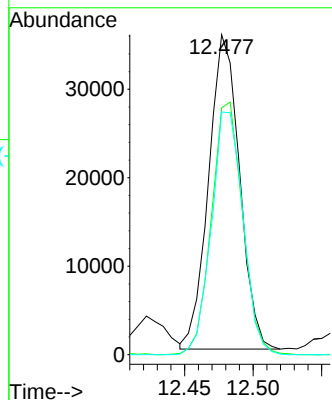
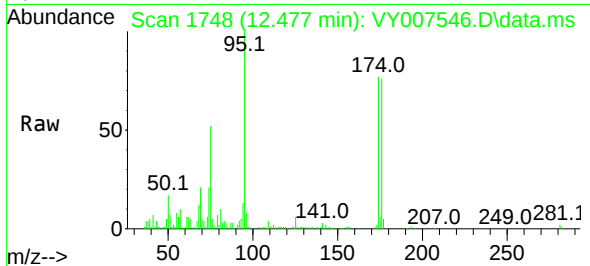




#62
4-Bromofluorobenzene
Concen: 53.521 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

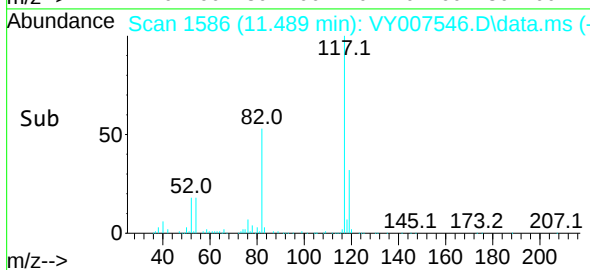
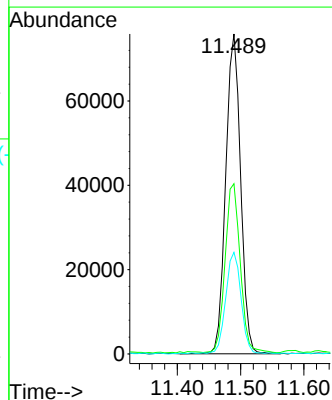
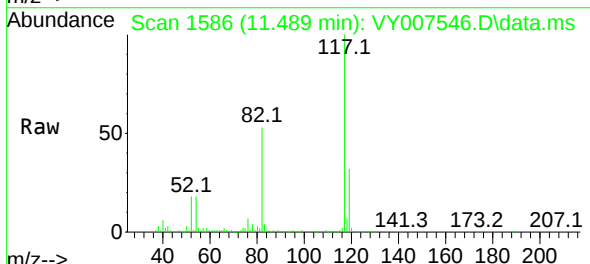
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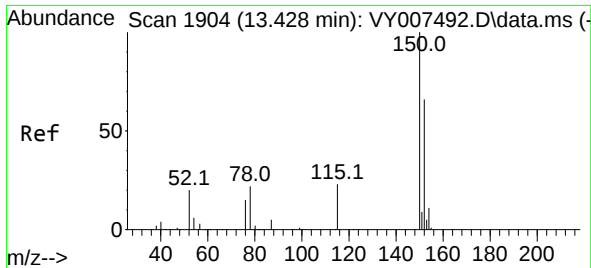
Tgt Ion: 95 Resp: 55743
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 79.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

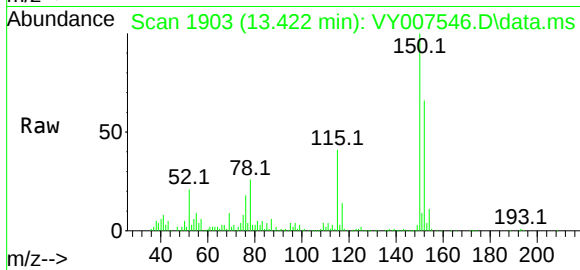
Tgt Ion: 117 Resp: 123359
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007546.D
 Acq: 18 Feb 2022 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-7



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.2	84.7
150	152.2	0.0	347.6

