

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007544.D
 Acq On : 18 Feb 2022 14:54
 Operator : SY/MD
 Sample : N1580-03
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3

Quant Time: Feb 19 04:32:55 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	73091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44004	54.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.060%
35) Dibromofluoromethane	7.716	113	42766	53.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.640%
50) Toluene-d8	10.179	98	153000	50.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.483	95	57096	55.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.560%

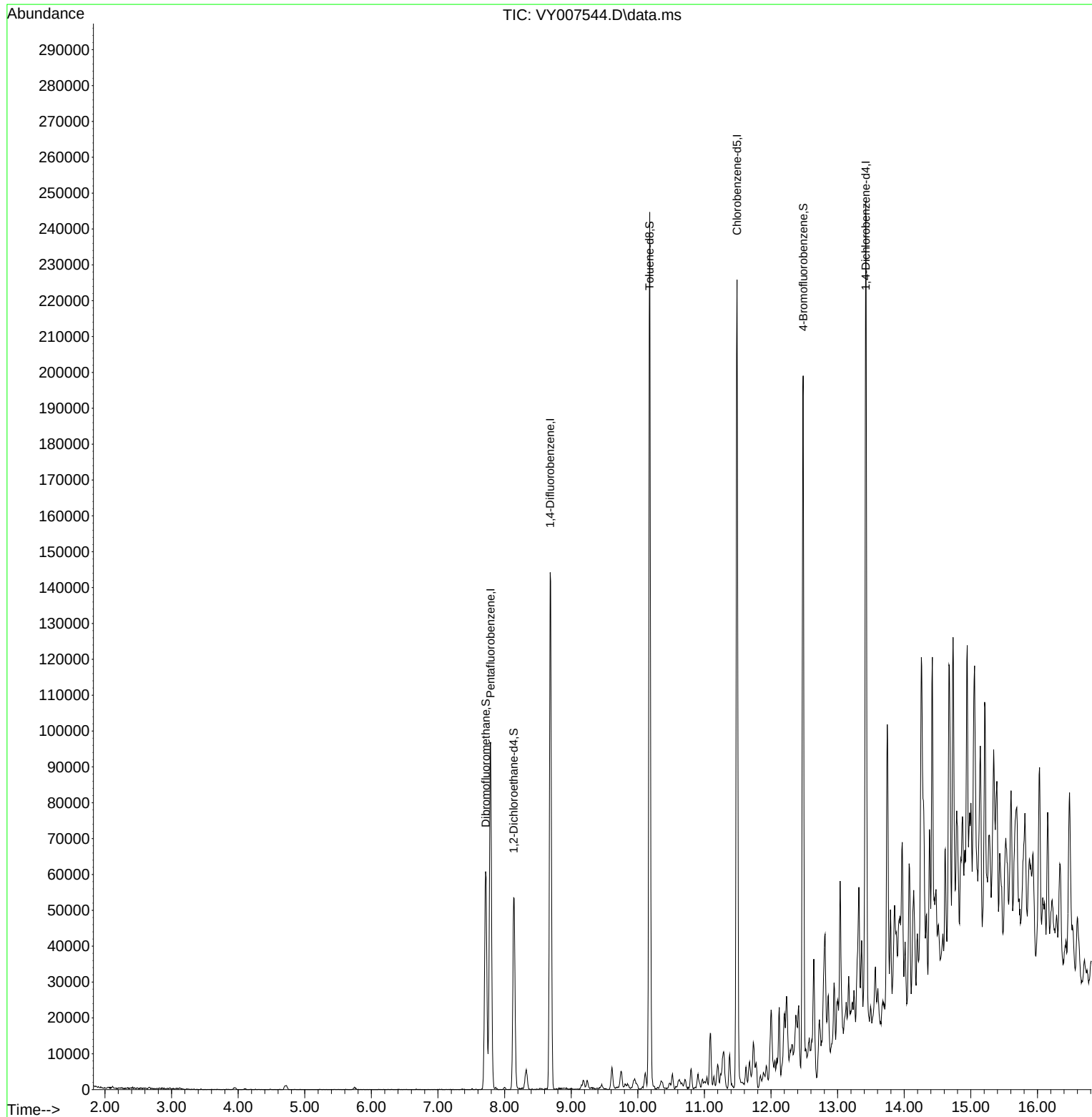
Target Compounds	Qvalue

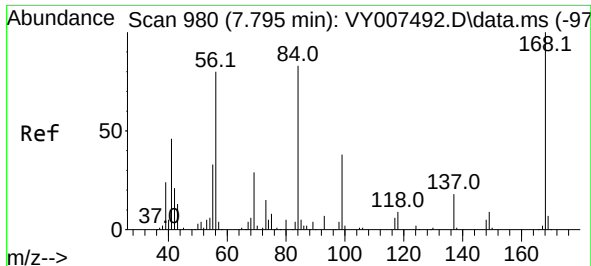
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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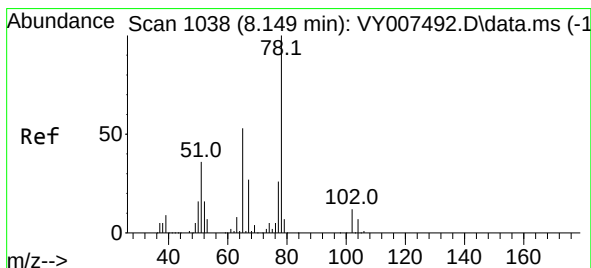
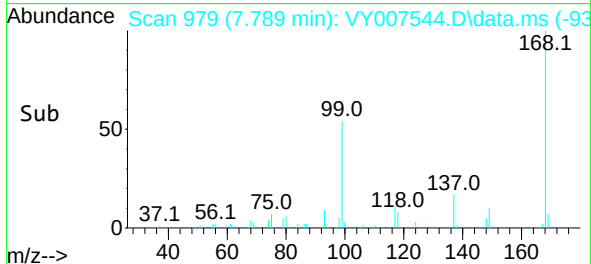
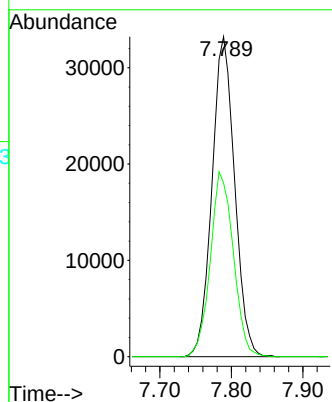
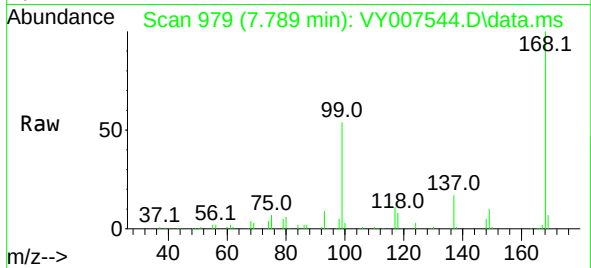




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

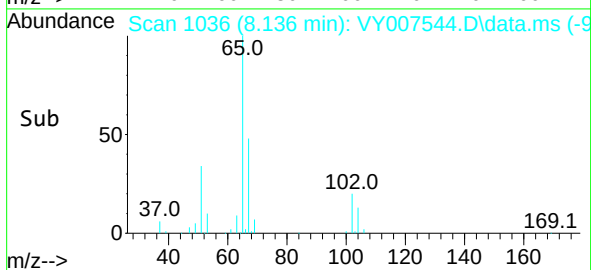
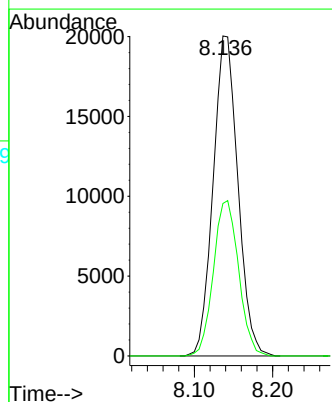
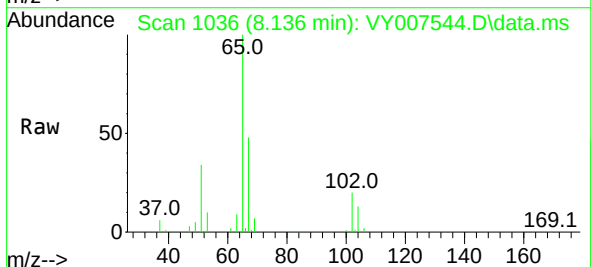
Instrument :
MSVOA_Y
ClientSampleId :
D-3

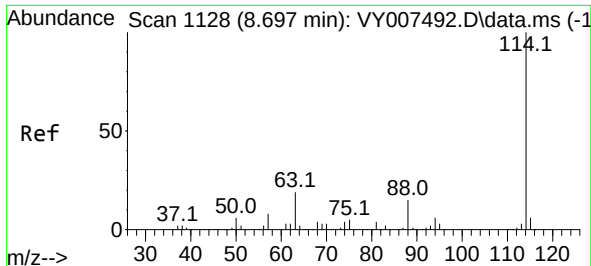
Tgt Ion:168 Resp: 73091
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.530 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion: 65 Resp: 44004
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007544.D

Acq: 18 Feb 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

D-3

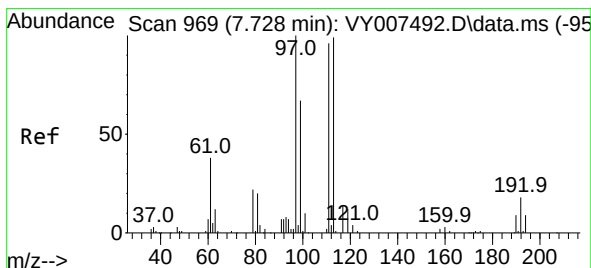
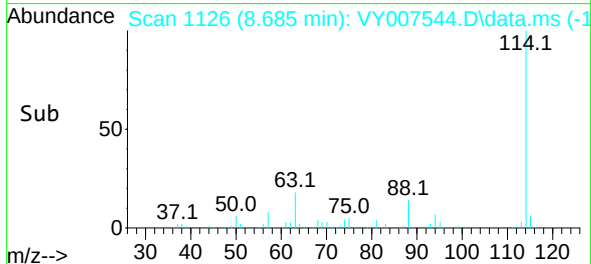
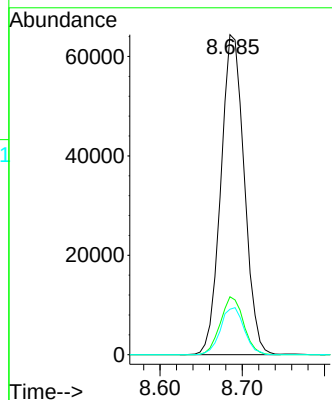
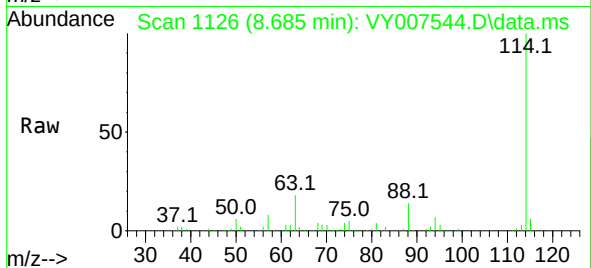
Tgt Ion:114 Resp: 127173

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.325 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007544.D

Acq: 18 Feb 2022 14:54

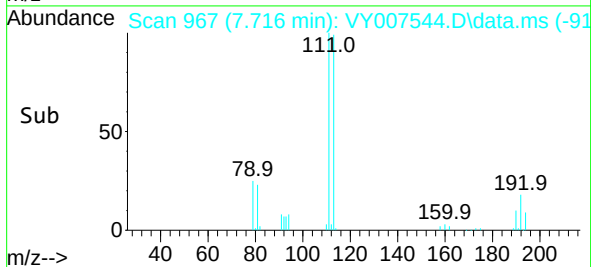
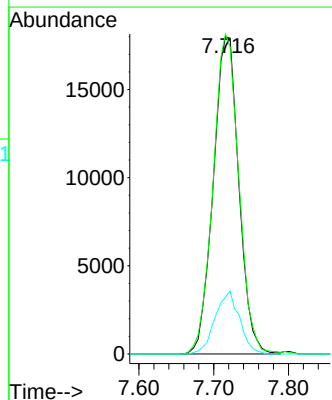
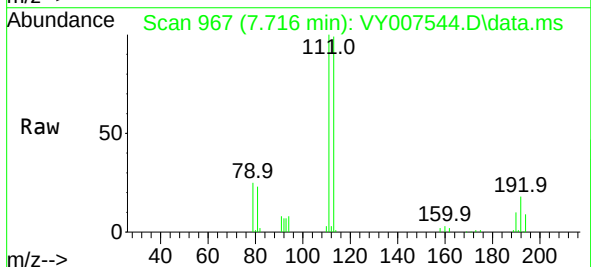
Tgt Ion:113 Resp: 42766

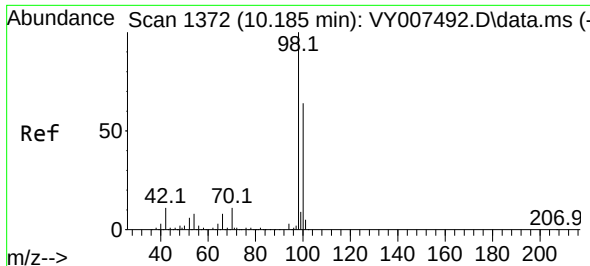
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.9 17.6 26.4

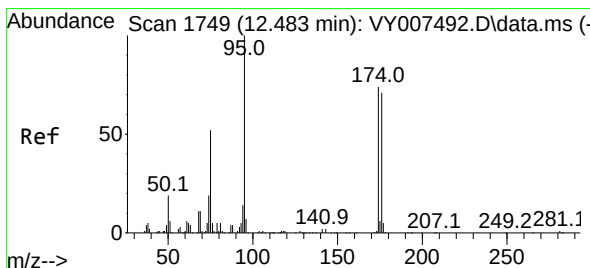
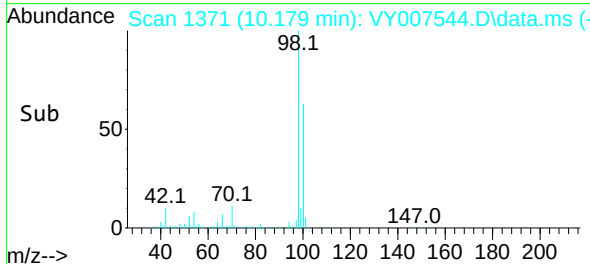
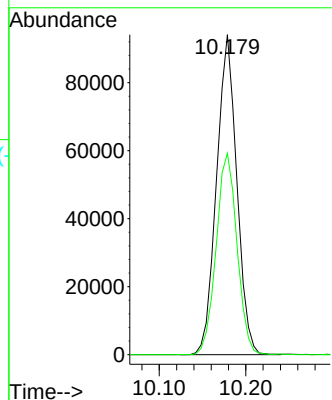
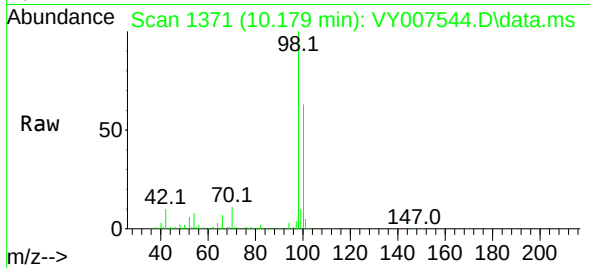




#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

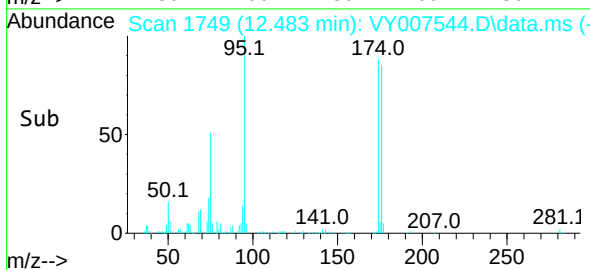
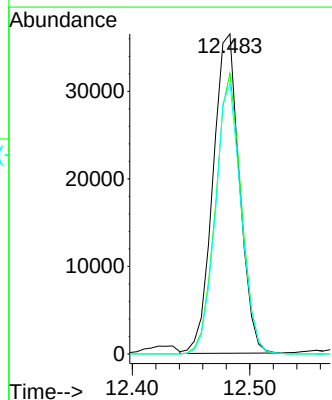
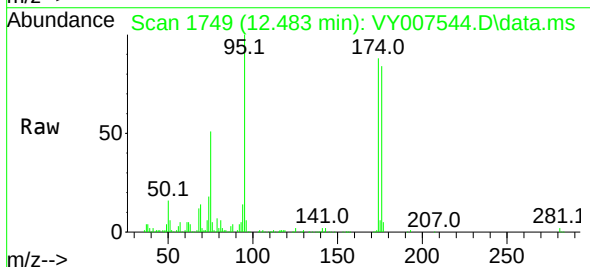
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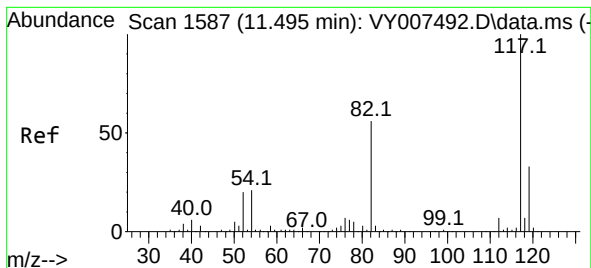
Tgt Ion: 98 Resp: 153000
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion: 95 Resp: 57096
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.2 0.0 175.8

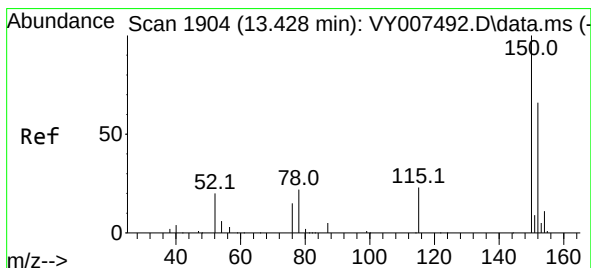
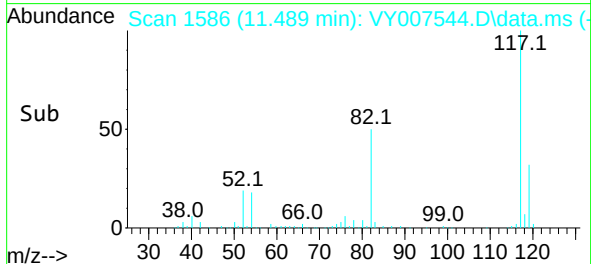
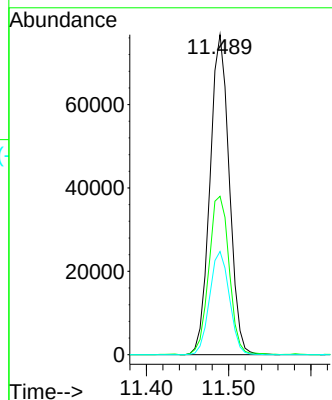
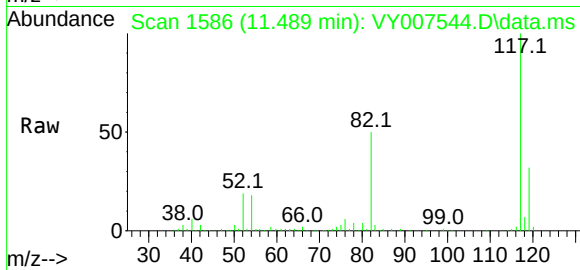




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
D-3

Tgt Ion:117 Resp: 125200
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.3 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: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion:152 Resp: 58698
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 153.9 0.0 347.6

