

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007437.D
 Acq On : 08 Feb 2022 16:43
 Operator : SY/MD
 Sample : N1415-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-020422RE

Quant Time: Feb 09 00:58:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	71709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21109	44.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.600%
35) Dibromofluoromethane	7.722	113	22868	49.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.179	98	86153	50.642	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.477	95	25096	43.402	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.800%

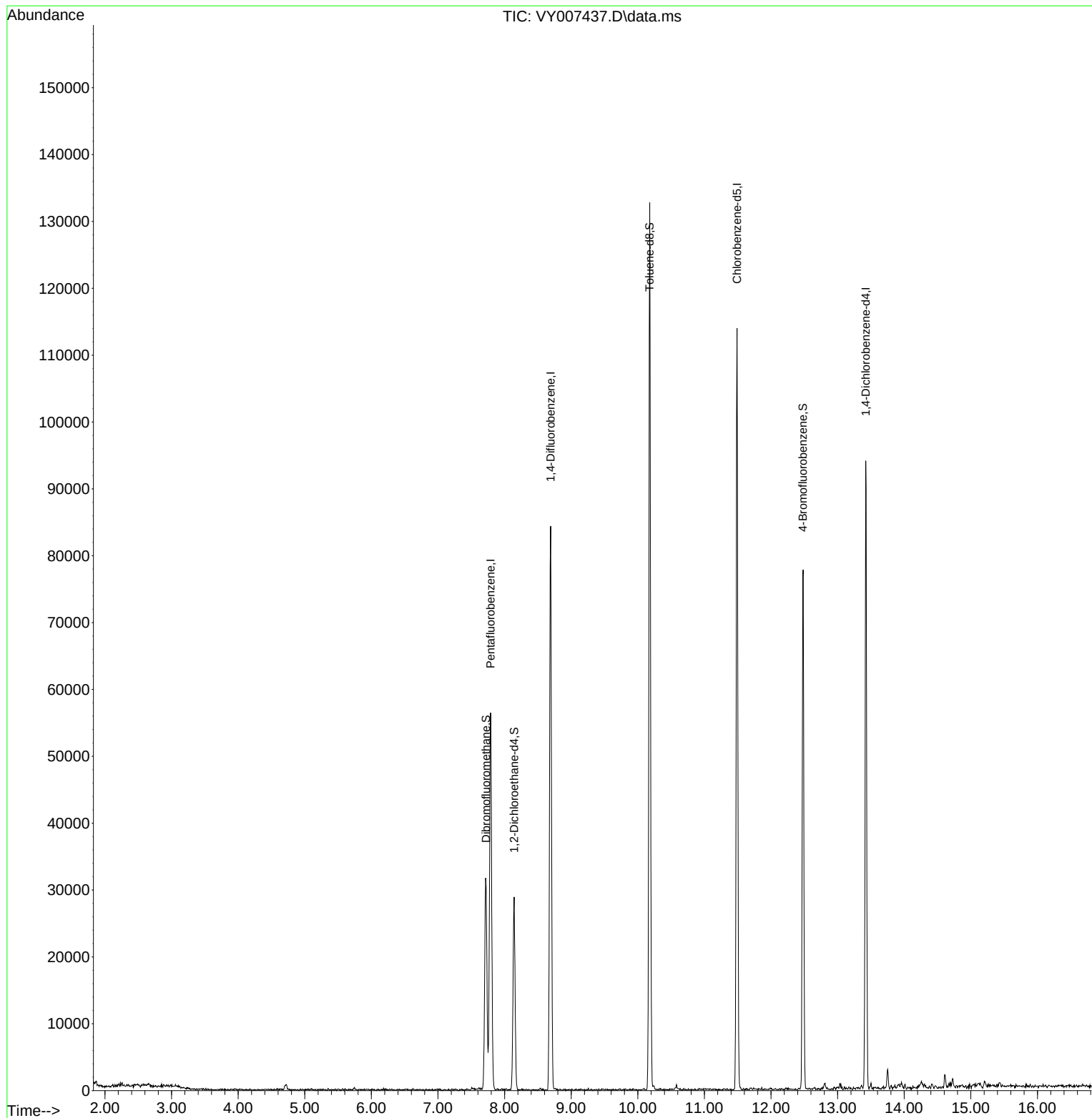
Target Compounds	Qvalue

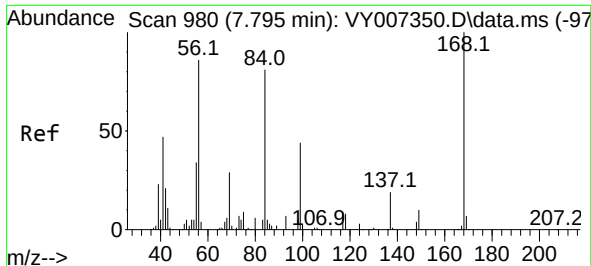
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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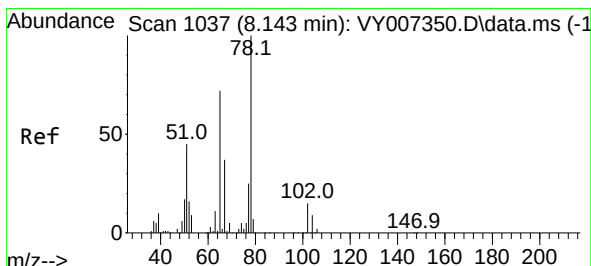
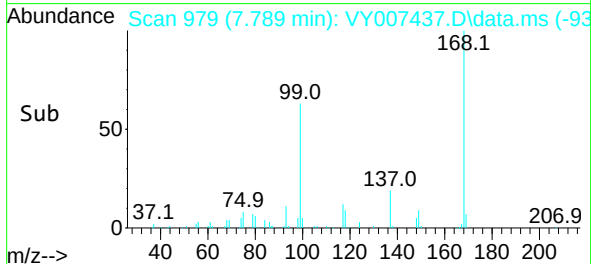
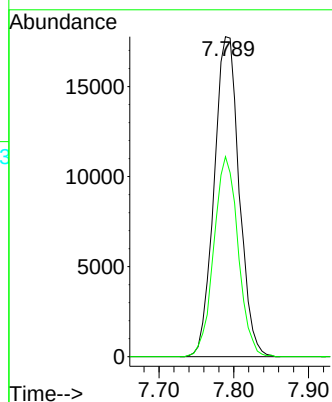
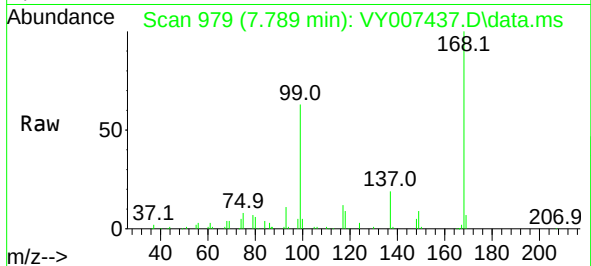




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007437.D
Acq: 08 Feb 2022 16:43

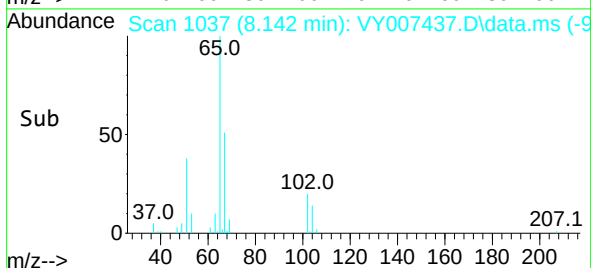
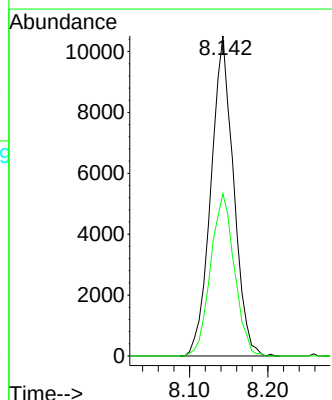
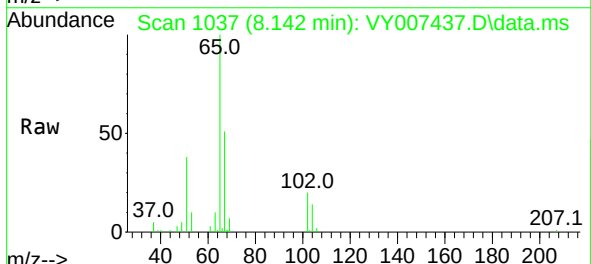
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422RE

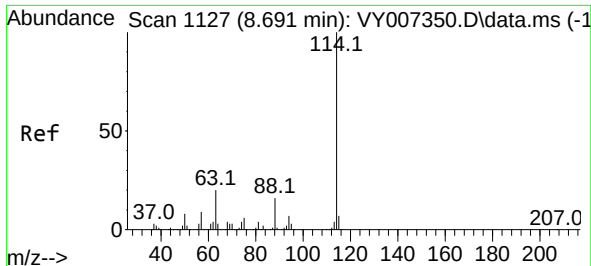
Tgt Ion:168 Resp: 41423
Ion Ratio Lower Upper
168 100
99 62.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.303 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007437.D
Acq: 08 Feb 2022 16:43

Tgt Ion: 65 Resp: 21109
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. -0.000 min

Lab File: VY007437.D

Acq: 08 Feb 2022 16:43

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-020422RE

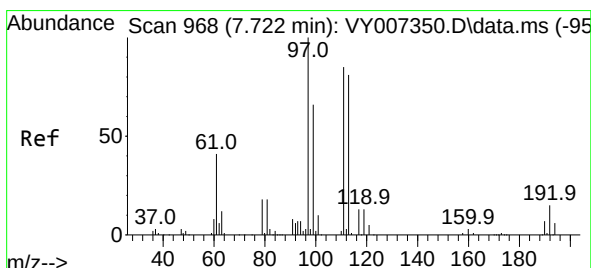
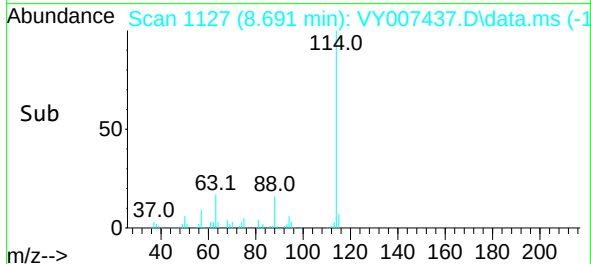
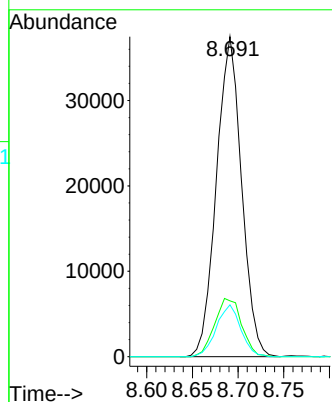
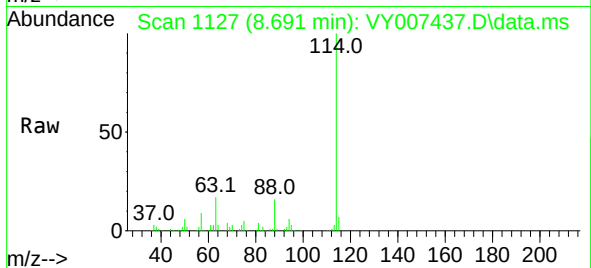
Tgt Ion:114 Resp: 71709

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.662 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007437.D

Acq: 08 Feb 2022 16:43

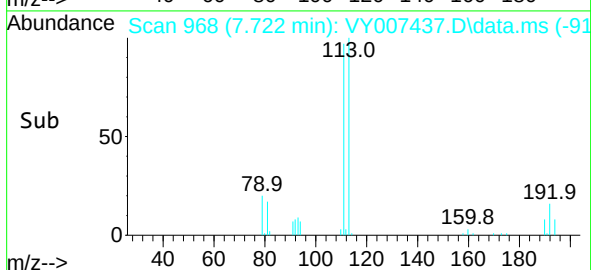
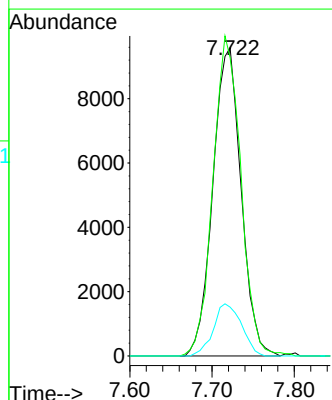
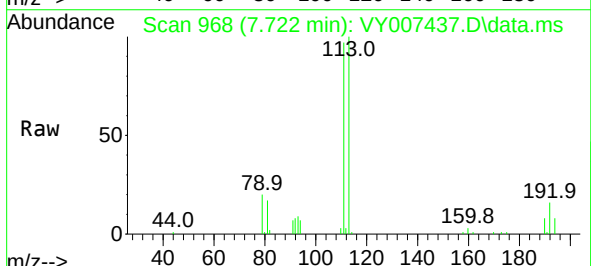
Tgt Ion:113 Resp: 22868

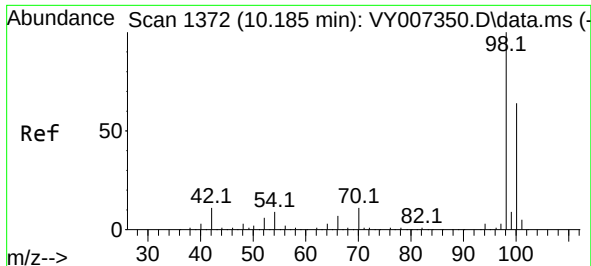
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 16.9 17.6 26.4#

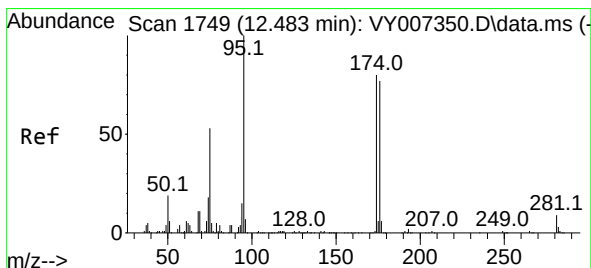
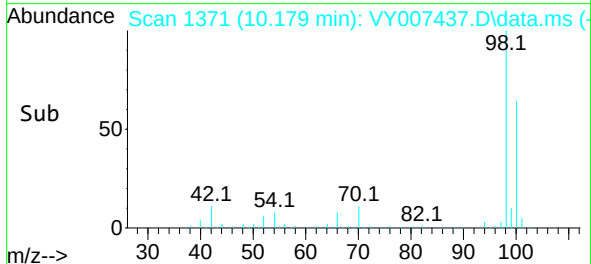
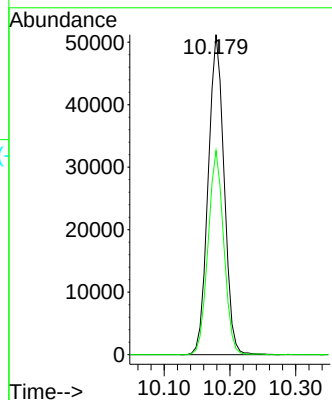
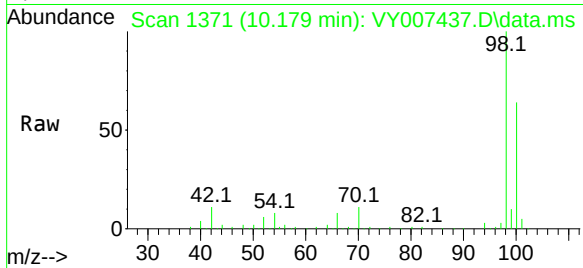




#50
Toluene-d8
Concen: 50.642 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007437.D
Acq: 08 Feb 2022 16:43

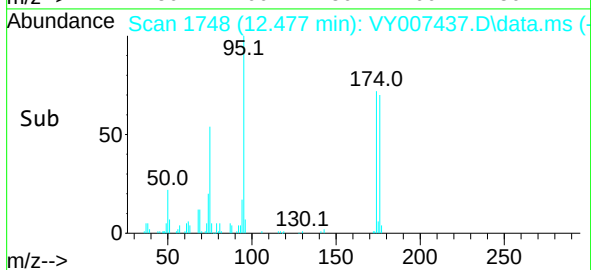
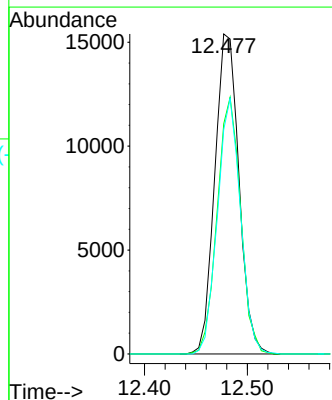
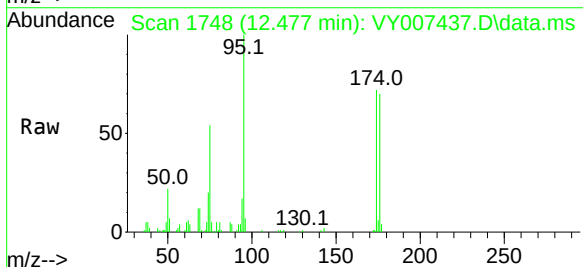
Instrument :
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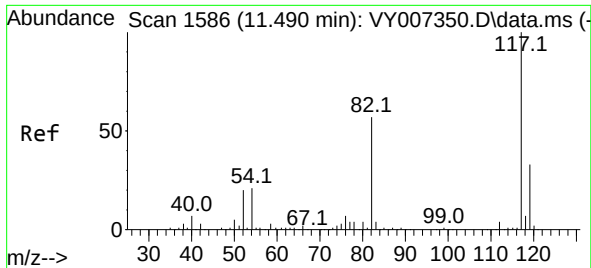
Tgt Ion: 98 Resp: 86153
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.402 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007437.D
Acq: 08 Feb 2022 16:43

Tgt Ion: 95 Resp: 25096
Ion Ratio Lower Upper
95 100
174 77.8 0.0 177.0
176 76.1 0.0 175.8

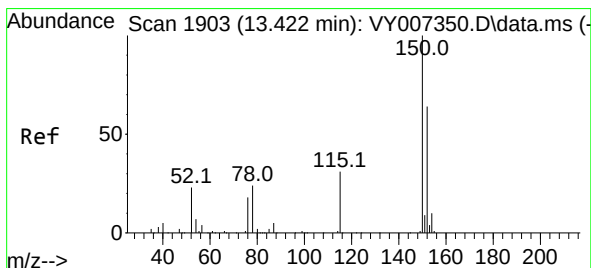
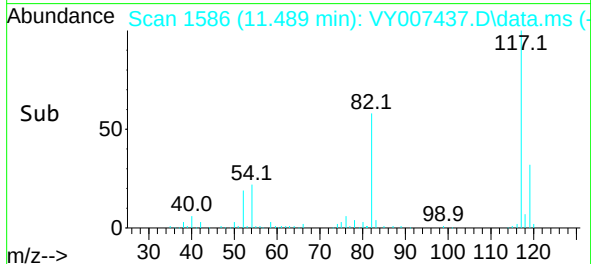
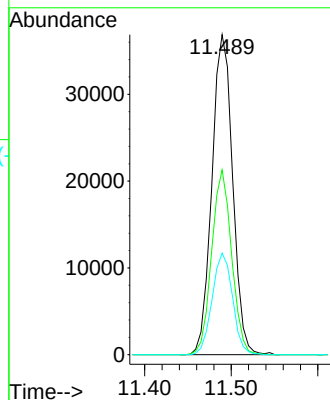
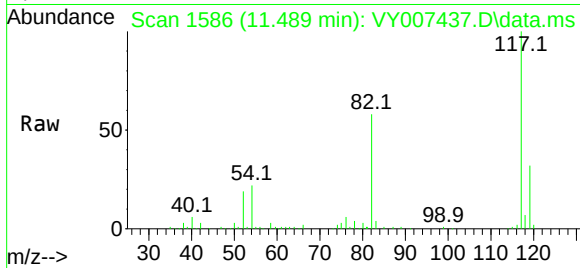




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007437.D
Acq: 08 Feb 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422RE

Tgt Ion:117 Resp: 61400
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 31.8 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: VY007437.D
Acq: 08 Feb 2022 16:43

Tgt Ion:152 Resp: 22227
Ion Ratio Lower Upper
152 100
115 63.3 28.2 84.7
150 162.1 0.0 347.6

