

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007435.D
 Acq On : 08 Feb 2022 15:56
 Operator : SY/MD
 Sample : N1432-16
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-6

Quant Time: Feb 09 00:57:05 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	99039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65517	57.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.020%
35) Dibromofluoromethane	7.716	113	61623	51.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.179	98	229990	52.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.320%
62) 4-Bromofluorobenzene	12.483	95	82393	54.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.940%

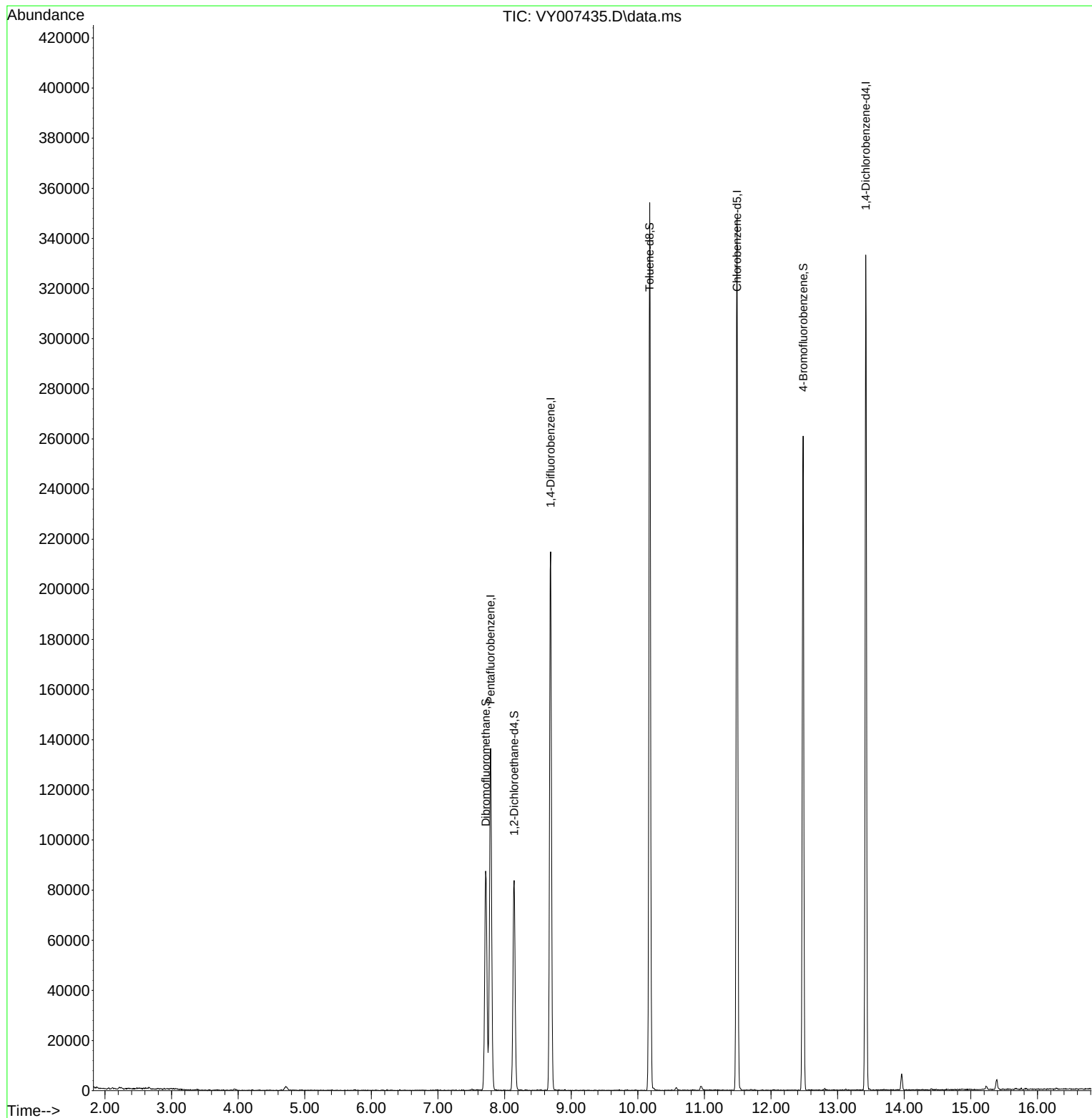
Target Compounds	Qvalue

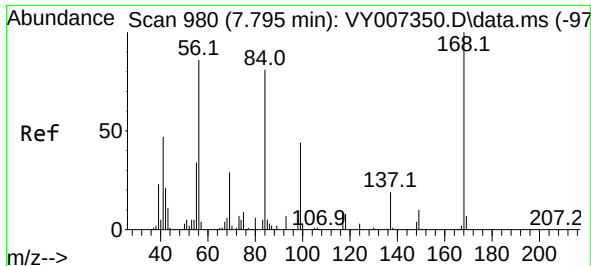
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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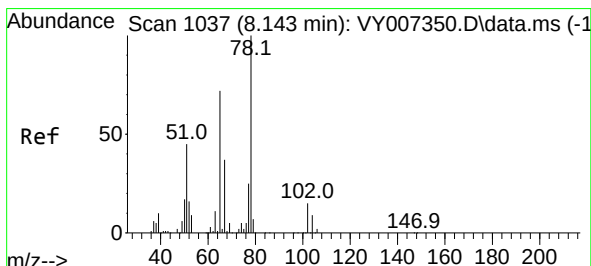
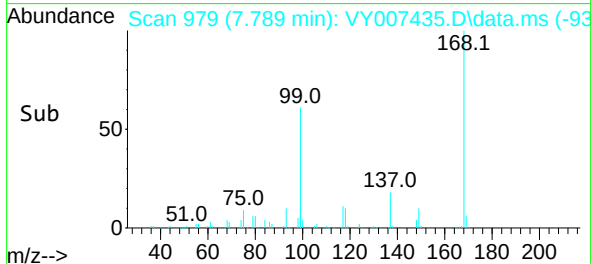
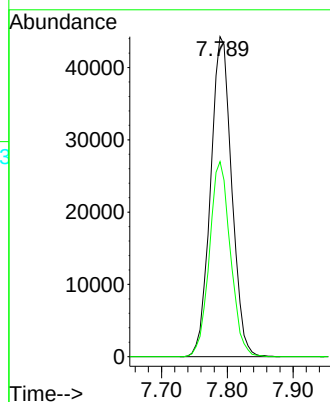
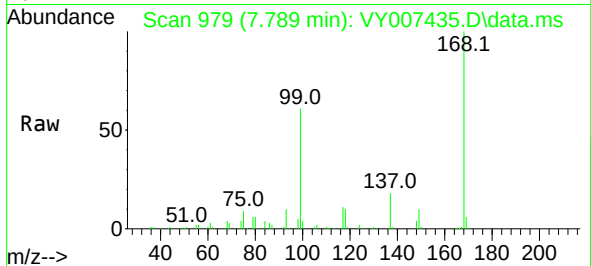




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

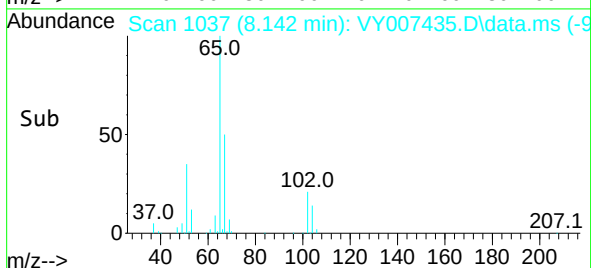
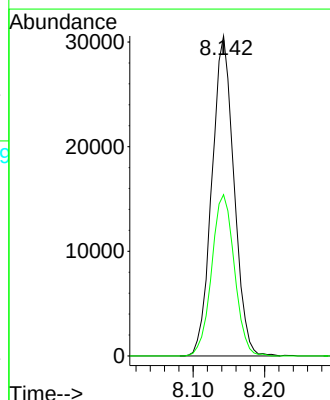
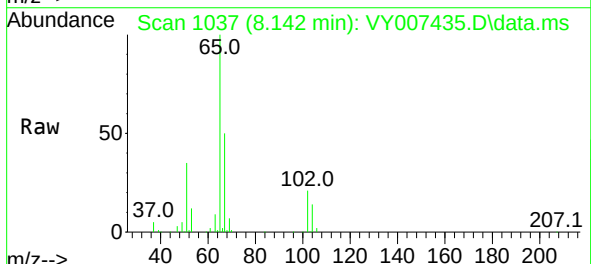
Instrument :
MSVOA_Y
ClientSampleId :
SP-6

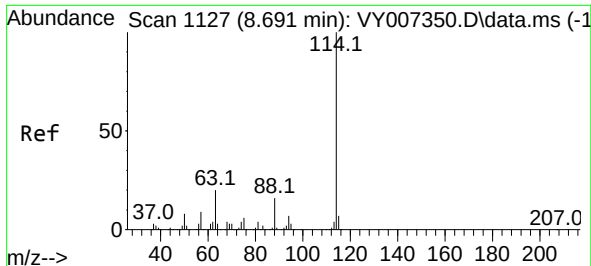
Tgt Ion:168 Resp: 99039
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.512 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

Tgt Ion: 65 Resp: 65517
Ion Ratio Lower Upper
65 100
67 51.9 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: VY007435.D

Acq: 08 Feb 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

SP-6

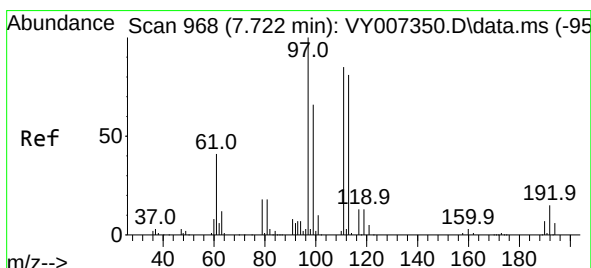
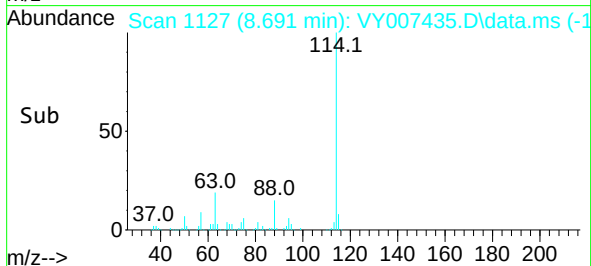
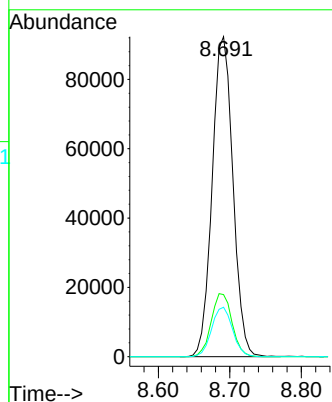
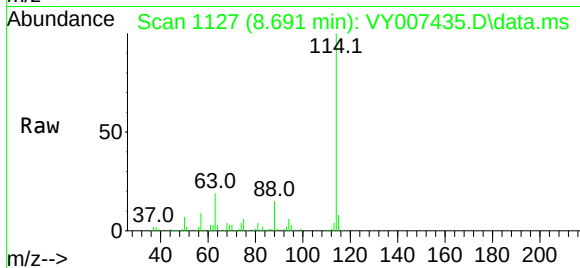
Tgt Ion:114 Resp: 185873

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.630 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007435.D

Acq: 08 Feb 2022 15:56

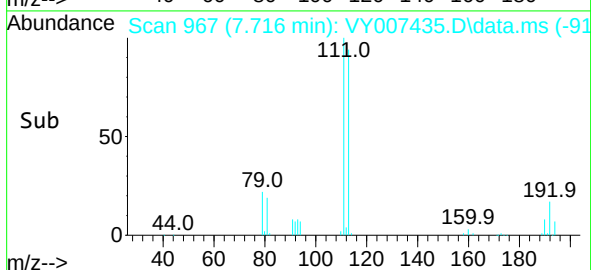
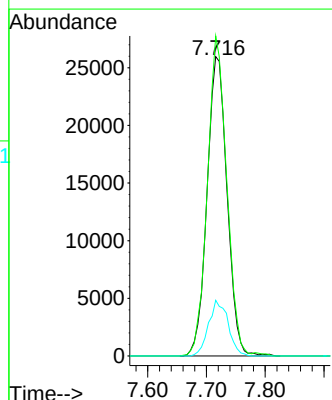
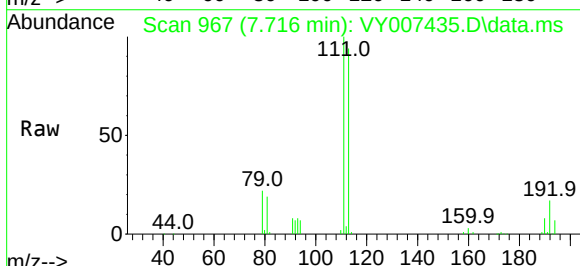
Tgt Ion:113 Resp: 61623

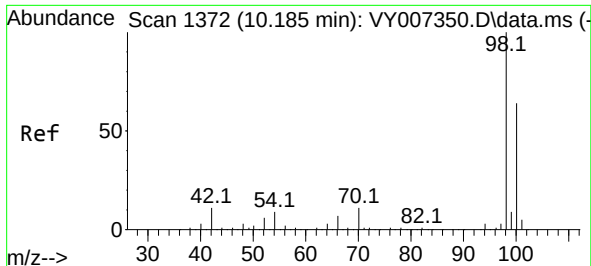
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.1 17.6 26.4

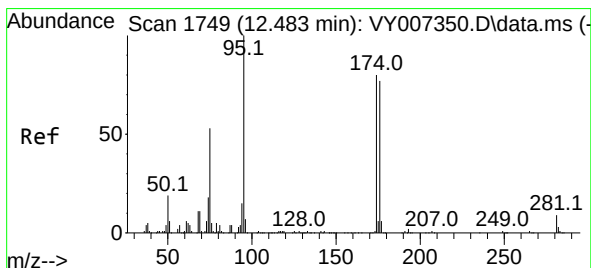
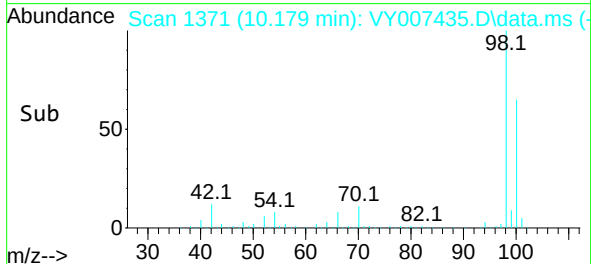
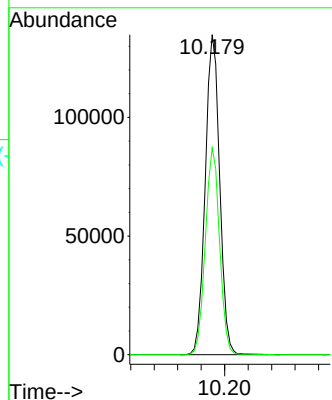
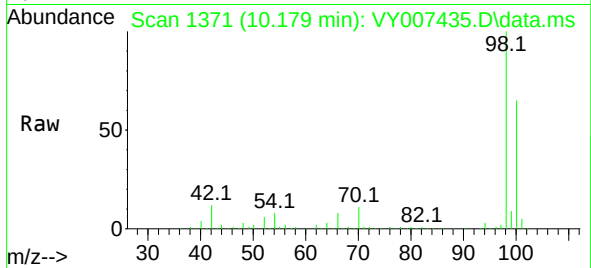




#50
Toluene-d8
Concen: 52.156 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

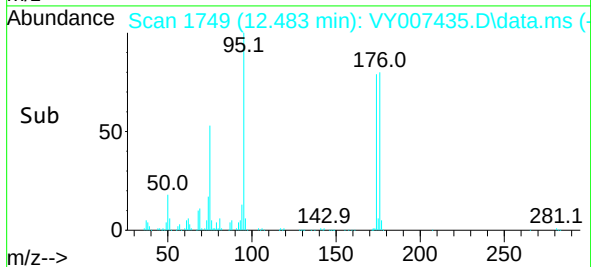
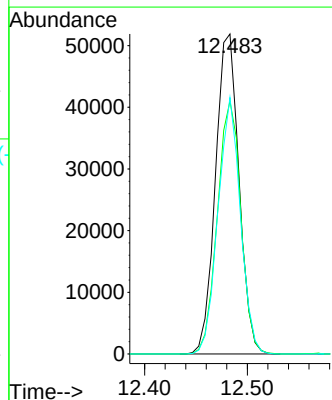
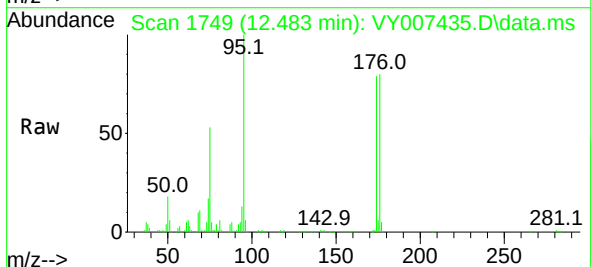
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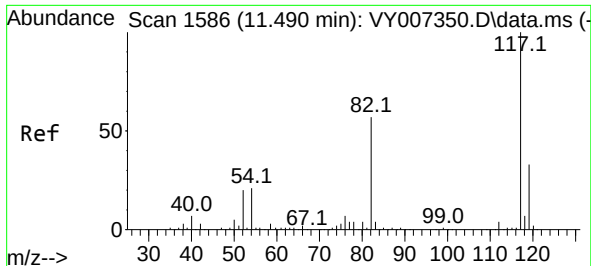
Tgt Ion: 98 Resp: 229990
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

Tgt Ion: 95 Resp: 82393
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 76.0 0.0 175.8

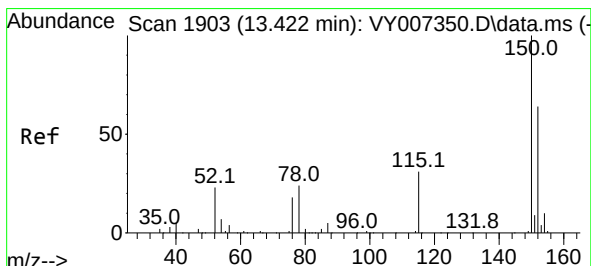
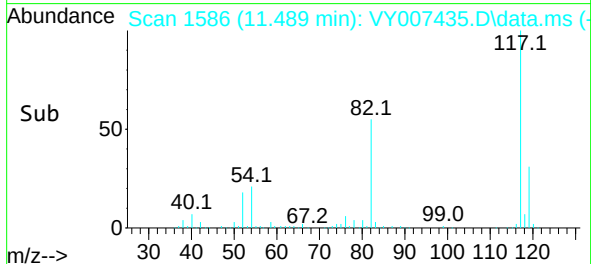
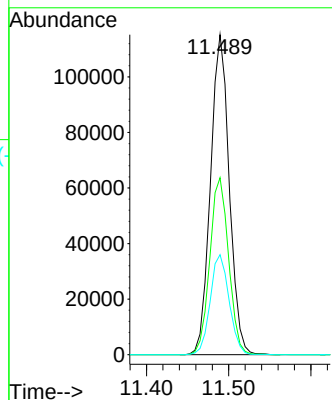
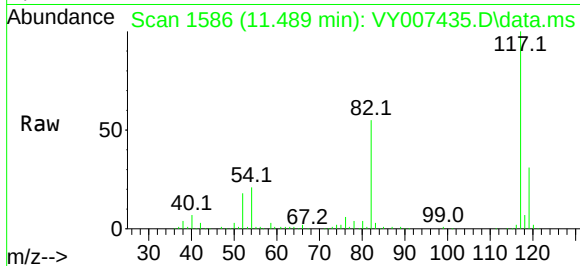




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :
SP-6

Tgt Ion:117 Resp: 182914
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.2 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: VY007435.D
Acq: 08 Feb 2022 15:56

Tgt Ion:152 Resp: 79836
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 157.8 0.0 347.6

