

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007372.D
 Acq On : 03 Feb 2022 12:35
 Operator : SY/MD
 Sample : N1381-06
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-11(32-34)-02-02-22

Quant Time: Feb 04 08:39:50 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	47084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	84646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	75096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26044	48.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.716	113	27107	49.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.179	98	102346	50.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.477	95	33560	49.169	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.340%

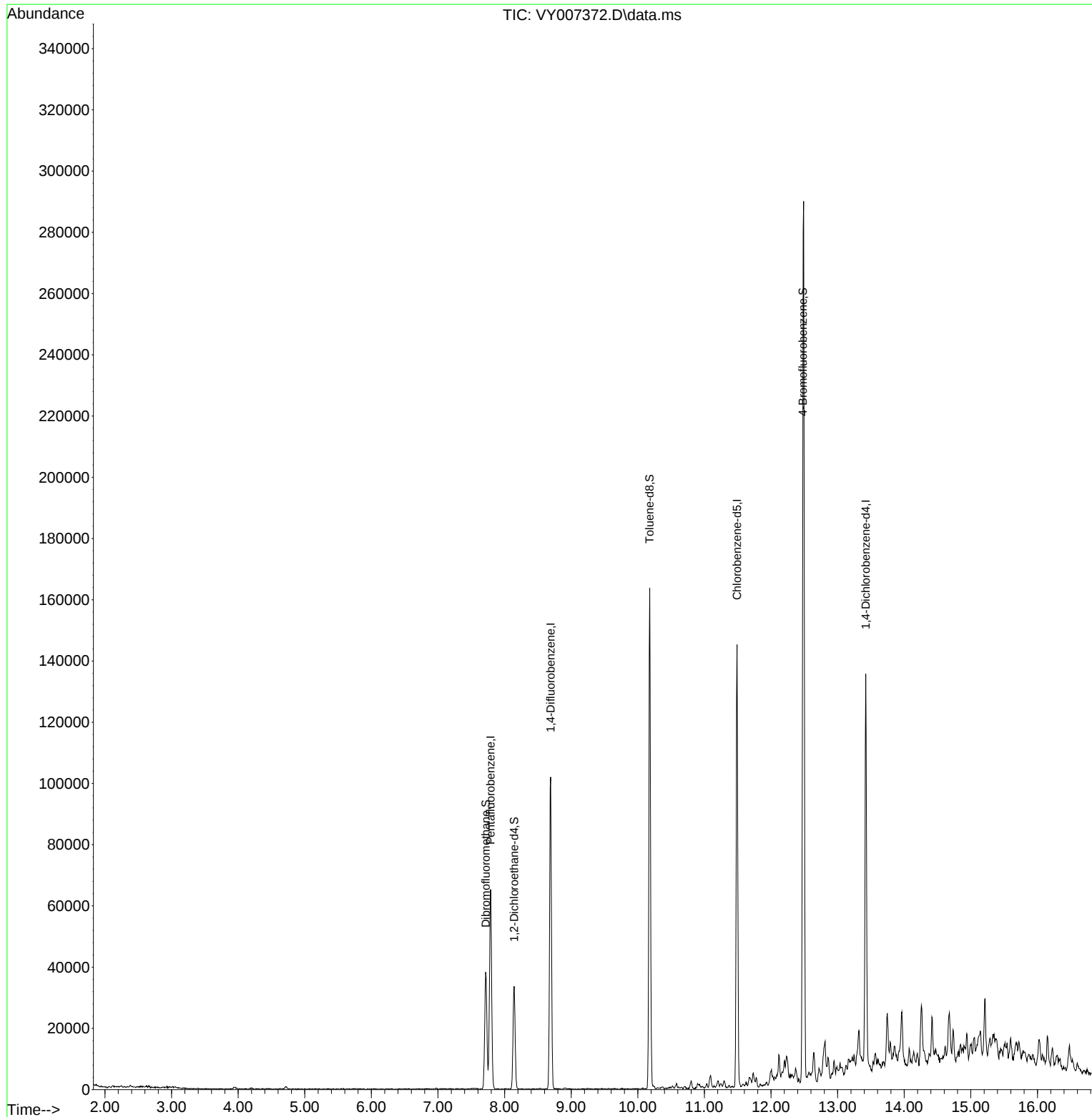
Target Compounds	Qvalue

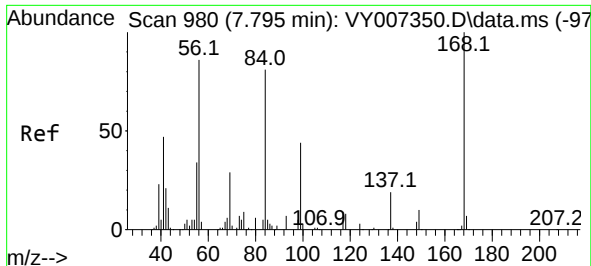
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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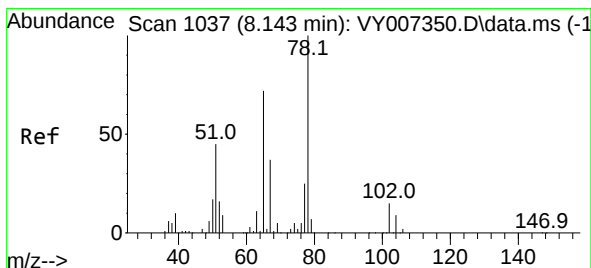
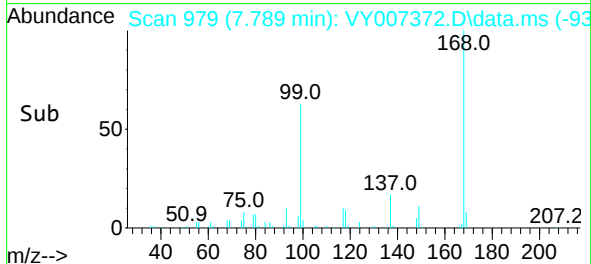
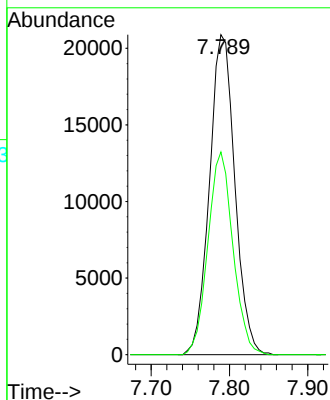
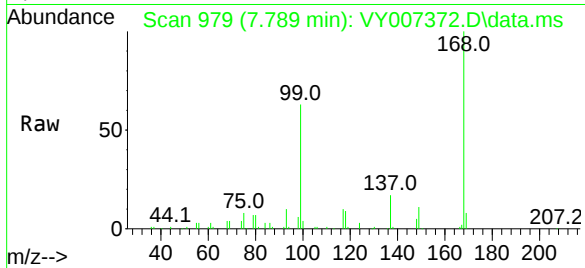




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

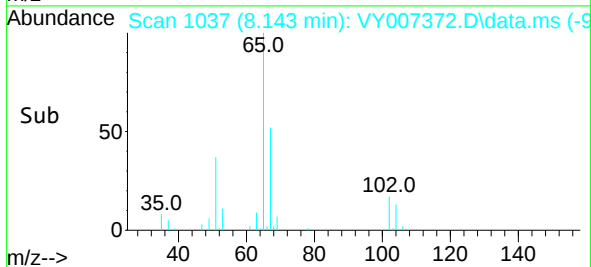
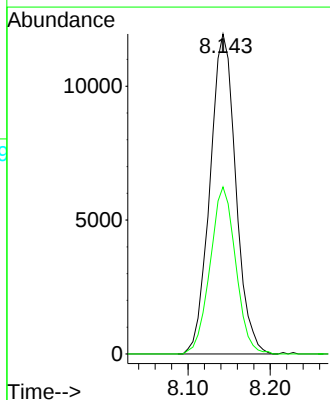
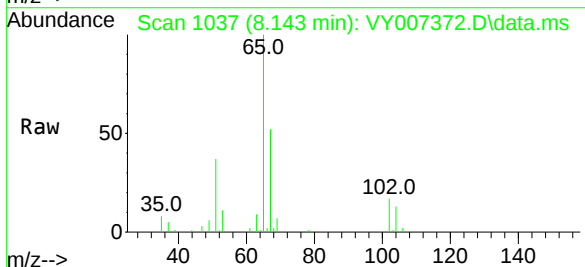
Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

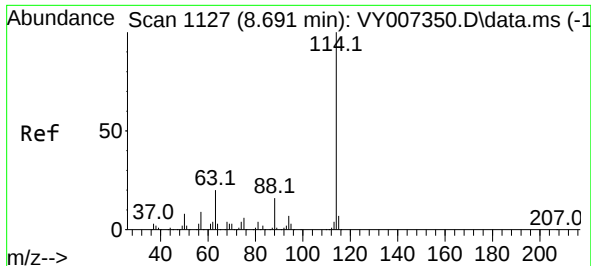
Tgt Ion:168 Resp: 47084
Ion Ratio Lower Upper
168 100
99 63.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.089 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

Tgt Ion: 65 Resp: 26044
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# 1127

Delta R.T. 0.000 min

Lab File: VY007372.D

Acq: 03 Feb 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

DB-11(32-34)-02-02-22

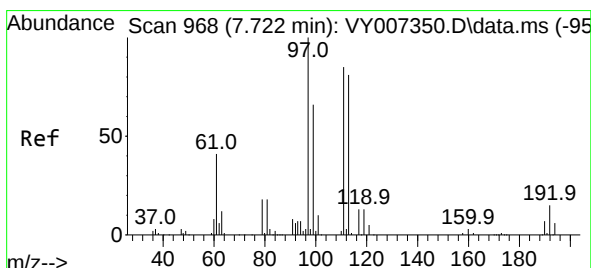
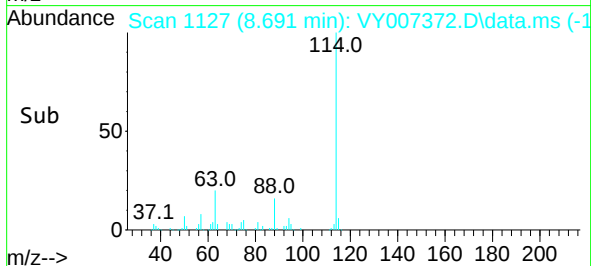
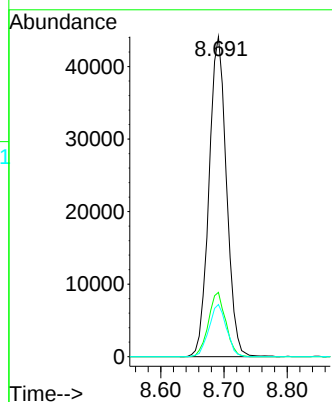
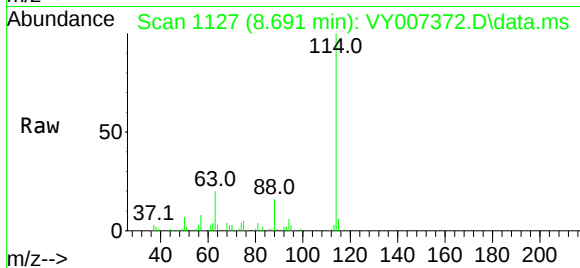
Tgt Ion:114 Resp: 84646

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.871 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007372.D

Acq: 03 Feb 2022 12:35

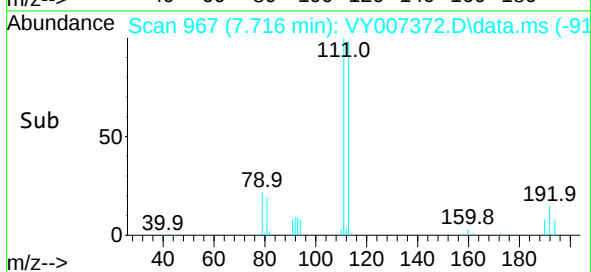
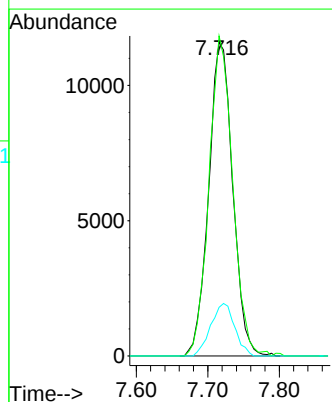
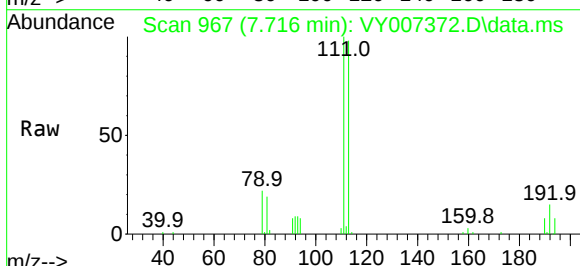
Tgt Ion:113 Resp: 27107

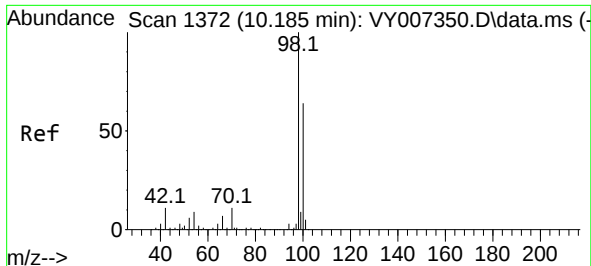
Ion Ratio Lower Upper

113 100

111 100.4 82.6 124.0

192 16.6 17.6 26.4#

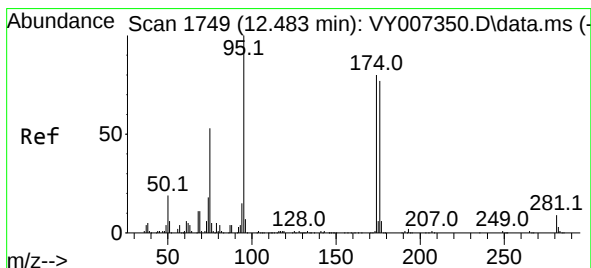
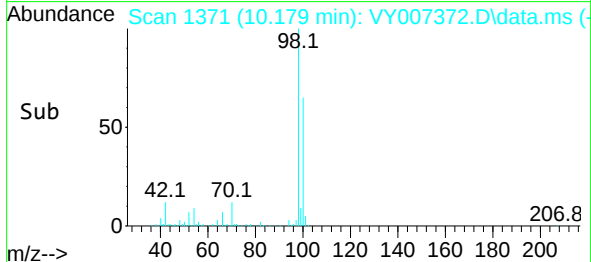
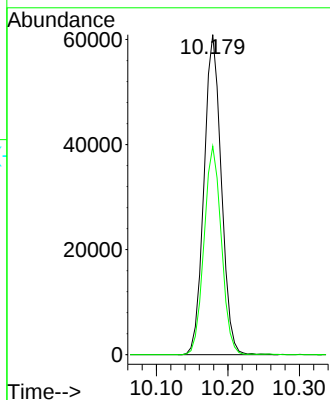
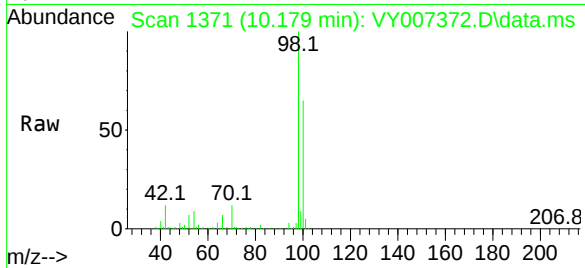




#50
Toluene-d8
Concen: 50.966 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

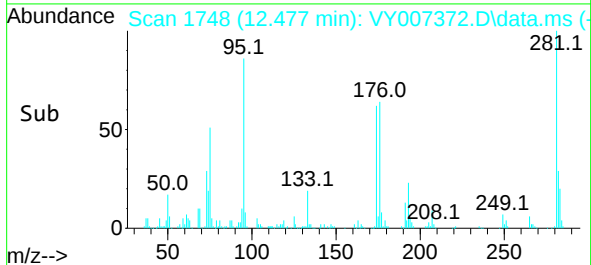
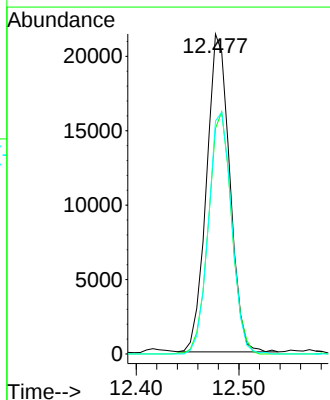
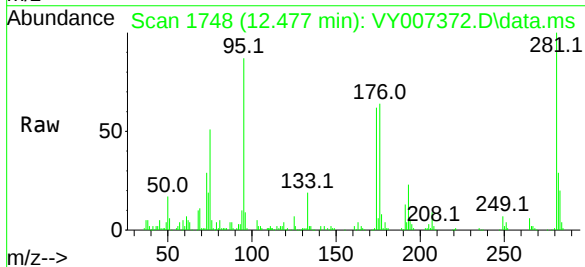
Instrument :
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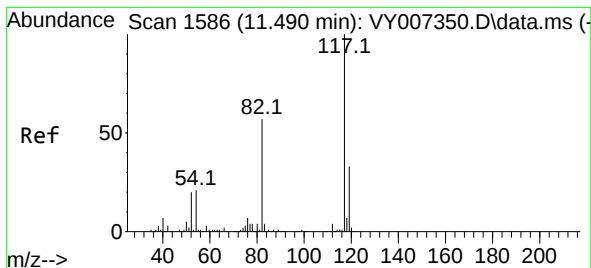
Tgt Ion: 98 Resp: 102346
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.169 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

Tgt Ion: 95 Resp: 33560
Ion Ratio Lower Upper
95 100
174 75.8 0.0 177.0
176 75.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007372.D

Acq: 03 Feb 2022 12:35

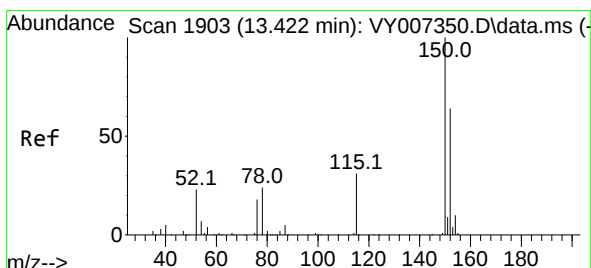
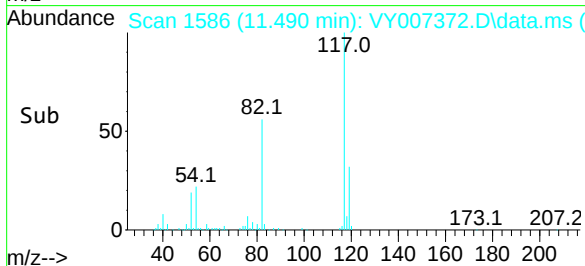
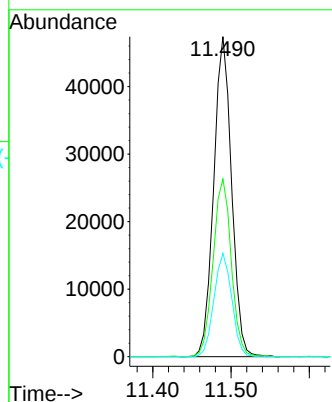
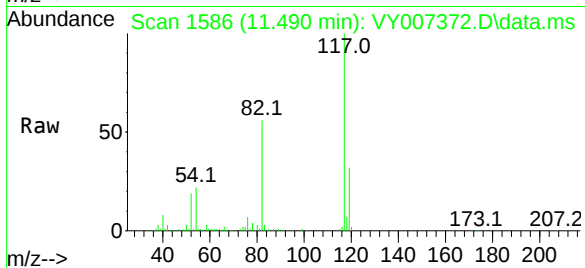
Instrument :

MSVOA_Y

ClientSampleId :

DB-11(32-34)-02-02-22

Tgt Ion:117	Resp:	75096
Ion Ratio	Lower	Upper
117	100	
82	55.6	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: VY007372.D

Acq: 03 Feb 2022 12:35

Tgt Ion:152	Resp:	29992
Ion Ratio	Lower	Upper
152	100	
115	62.2	28.2 84.7
150	156.5	0.0 347.6

