

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007393.D
 Acq On : 04 Feb 2022 14:39
 Operator : SY/MD
 Sample : N1391-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-020322

Quant Time: Feb 06 23:35:23 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	114880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72806	55.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.716	113	70101	50.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.179	98	266072	52.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.477	95	98130	56.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.180%

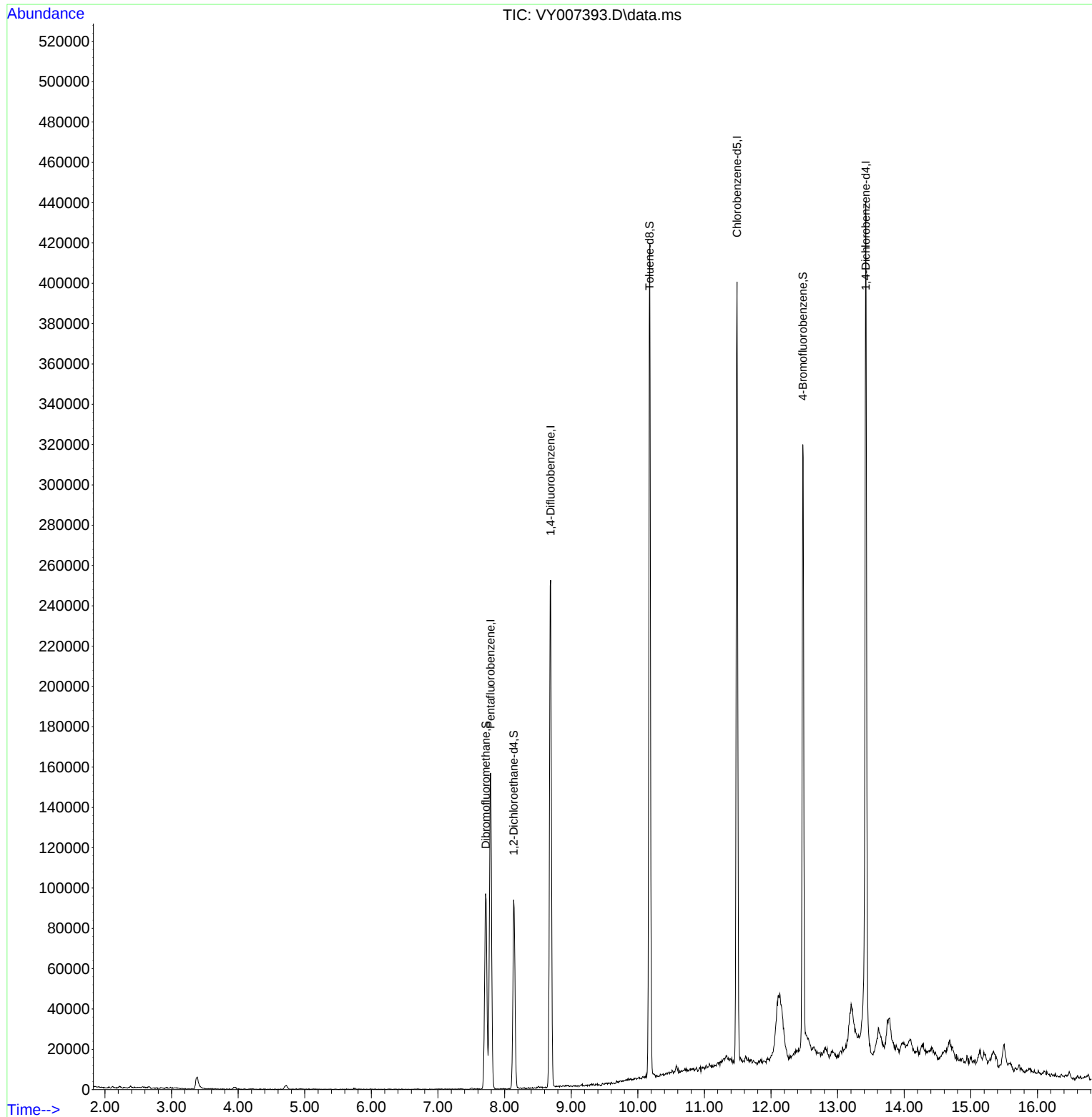
Target Compounds	Qvalue

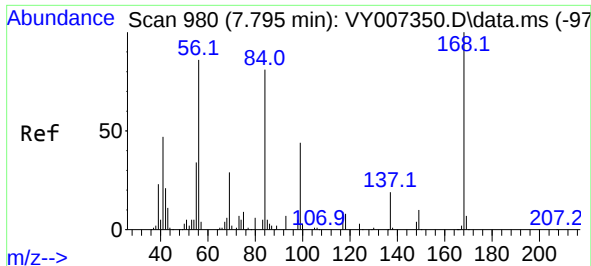
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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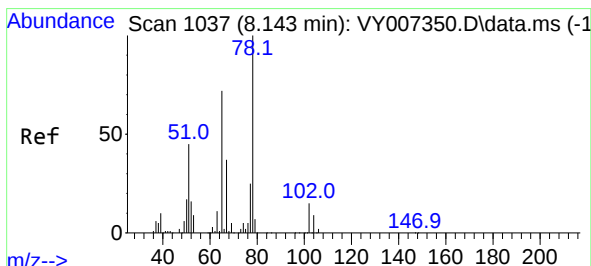
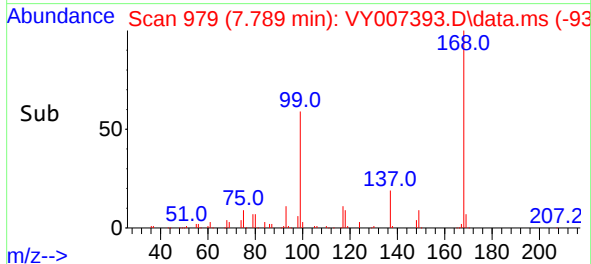
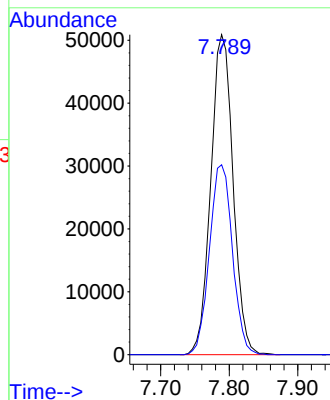
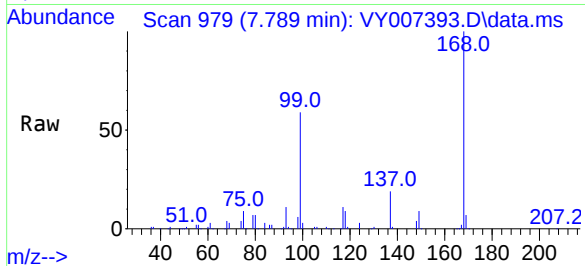




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

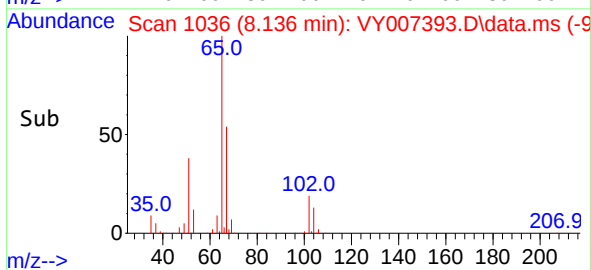
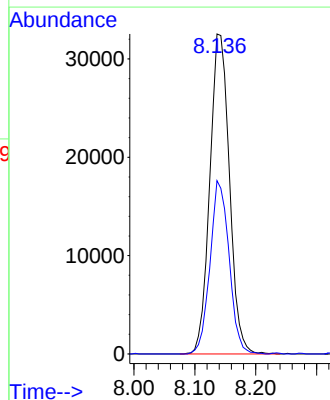
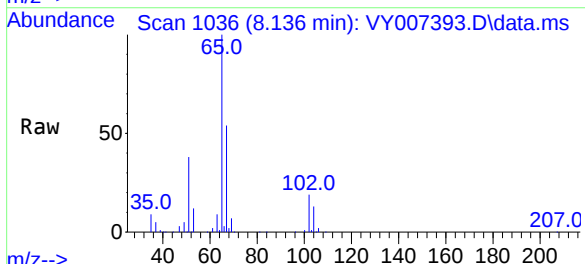
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-020322

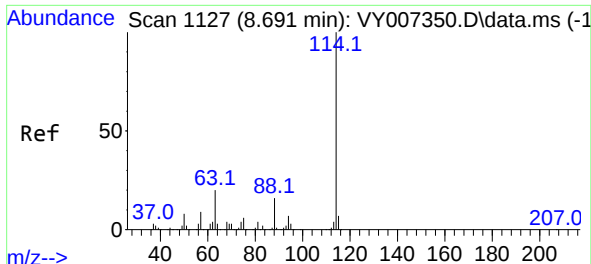
Tgt Ion:168 Resp: 114880
Ion Ratio Lower Upper
168 100
99 59.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.098 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

Tgt Ion: 65 Resp: 72806
Ion Ratio Lower Upper
65 100
67 52.6 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: VY007393.D

Acq: 04 Feb 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-020322

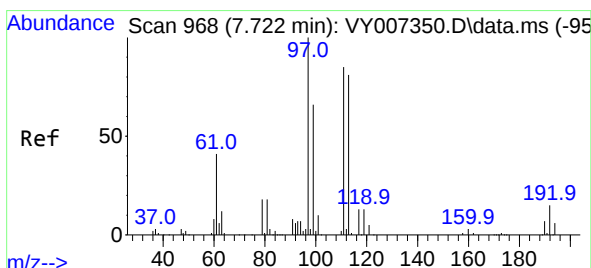
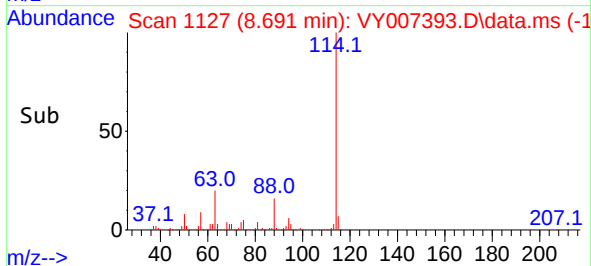
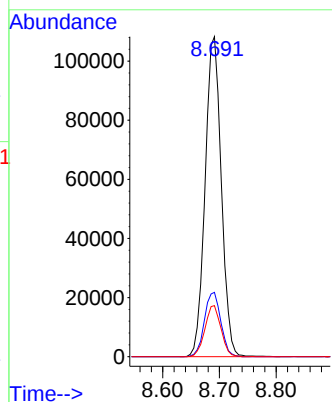
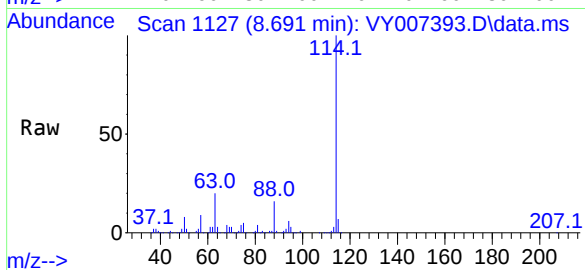
Tgt Ion:114 Resp: 215056

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.763 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

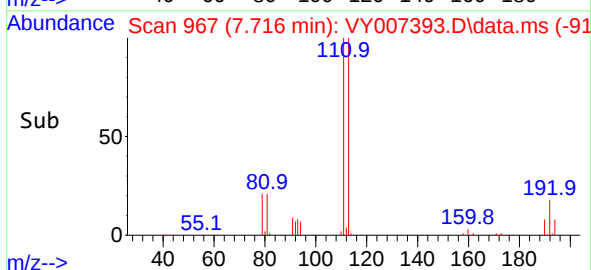
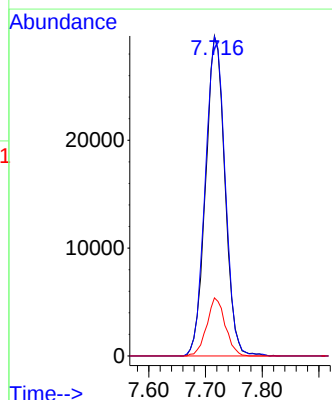
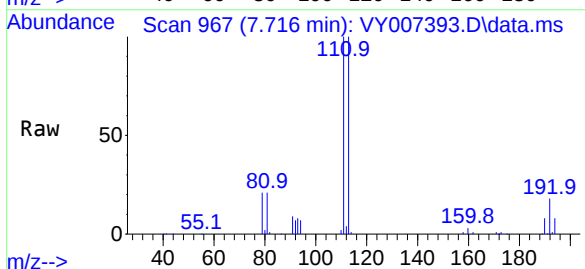
Tgt Ion:113 Resp: 70101

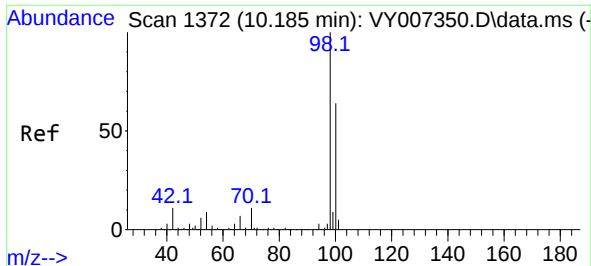
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 17.4 17.6 26.4#

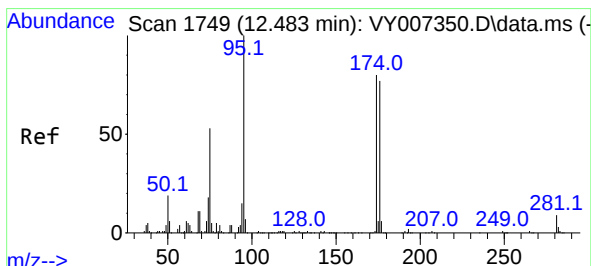
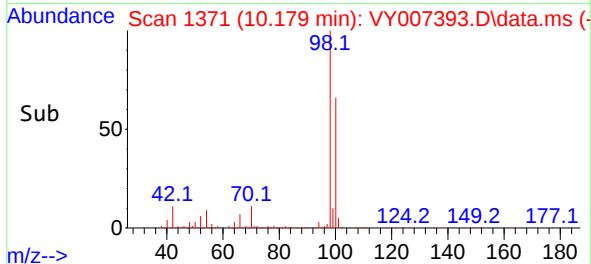
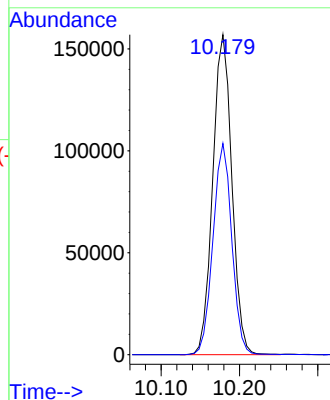
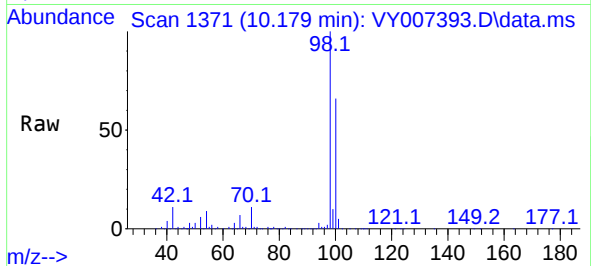




#50
Toluene-d8
Concen: 52.151 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

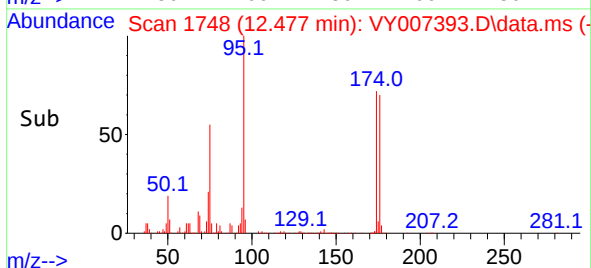
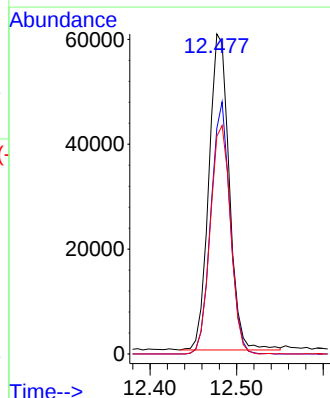
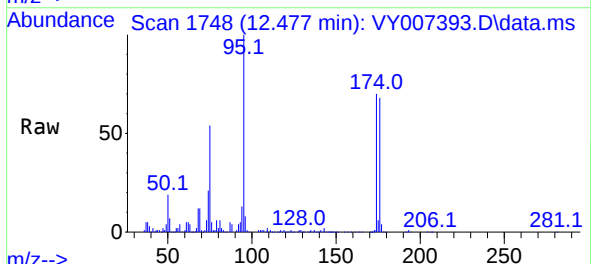
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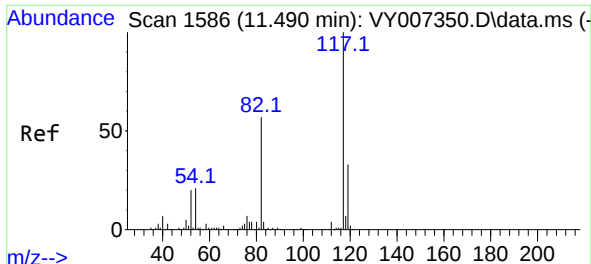
Tgt Ion: 98 Resp: 266072
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.588 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

Tgt Ion: 95 Resp: 98130
Ion Ratio Lower Upper
95 100
174 75.4 0.0 177.0
176 72.3 0.0 175.8

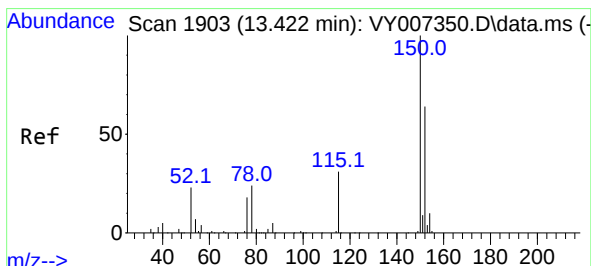
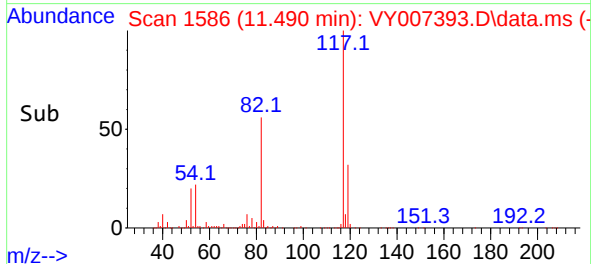
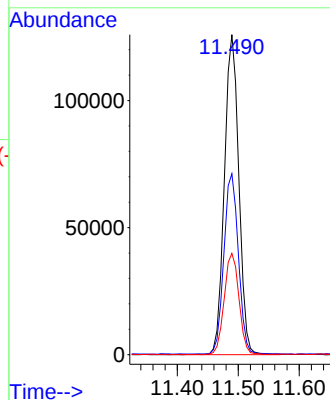
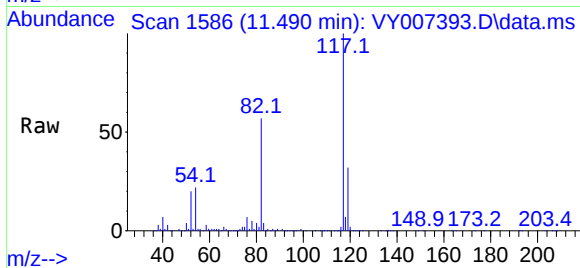




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-020322

Tgt Ion:	117	Resp:	206665
Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.4
119	31.6	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: VY007393.D
Acq: 04 Feb 2022 14:39

Tgt Ion:	152	Resp:	90157
Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.2	84.7
150	159.0	0.0	347.6

