

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011753.D
 Acq On : 09 Dec 2022 19:14
 Operator : KP/MD
 Sample : N5963-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200046-03

Quant Time: Dec 10 03:57:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	47184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	78531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26617	86.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.260%#
35) Dibromofluoromethane	7.716	113	26607	78.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	156.940%#
50) Toluene-d8	10.179	98	91723	84.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	169.600%#
62) 4-Bromofluorobenzene	12.483	95	24317	53.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.500%

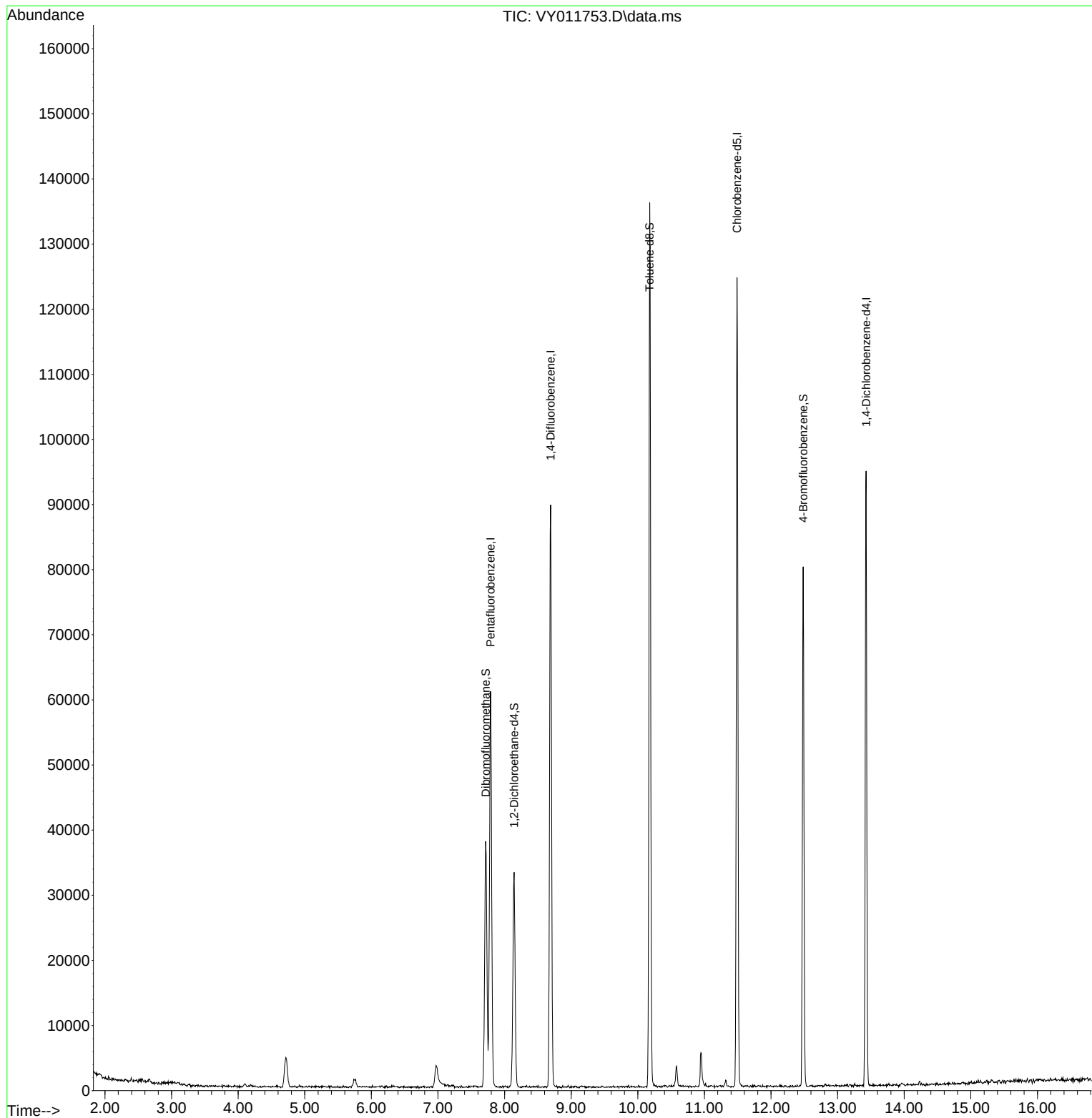
Target Compounds	Qvalue

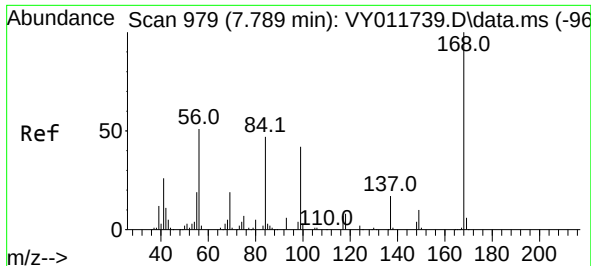
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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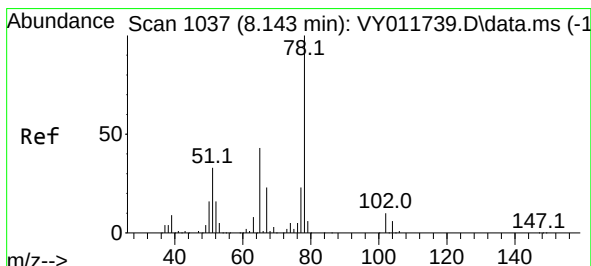
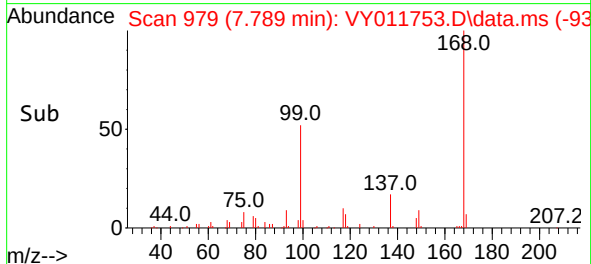
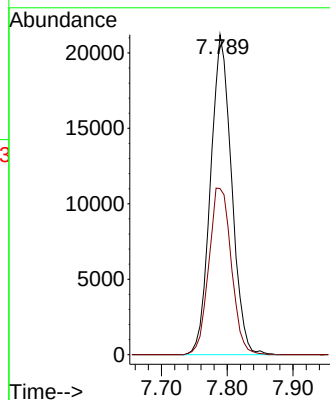
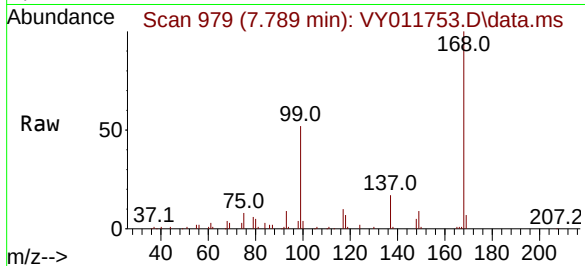




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011753.D
Acq: 09 Dec 2022 19:14

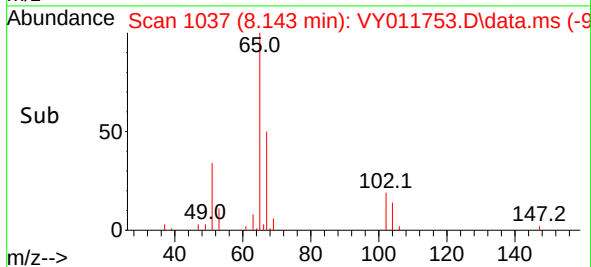
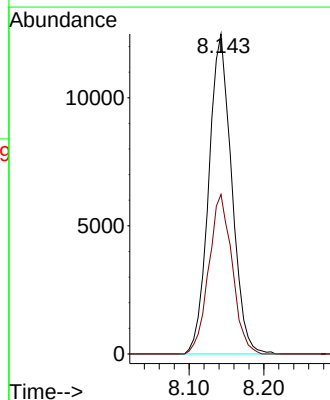
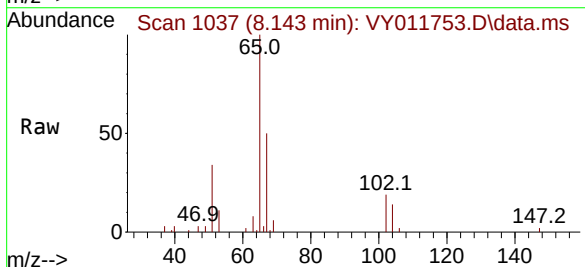
Instrument :
MSVOA_Y
ClientSampleId :
RBR200046-03

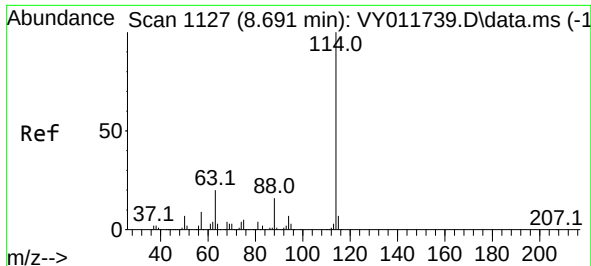
Tgt Ion:168 Resp: 47184
Ion Ratio Lower Upper
168 100
99 51.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 86.131 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011753.D
Acq: 09 Dec 2022 19:14

Tgt Ion: 65 Resp: 26617
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011753.D

Acq: 09 Dec 2022 19:14

Instrument :

MSVOA_Y

ClientSampleId :

RBR200046-03

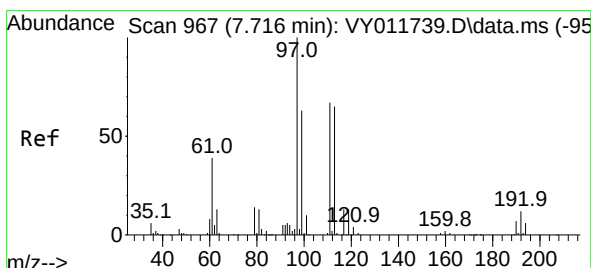
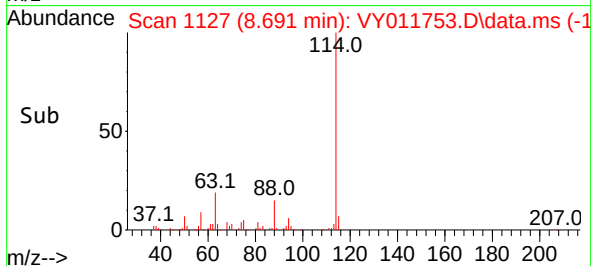
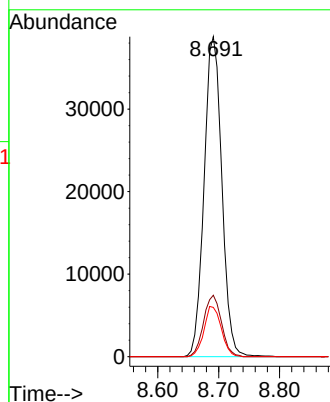
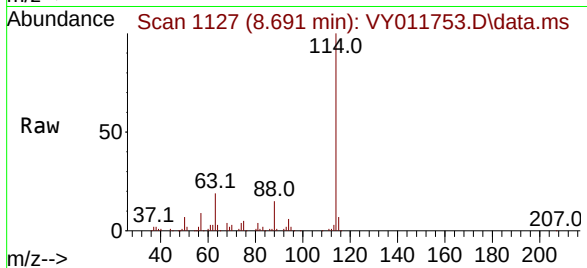
Tgt Ion:114 Resp: 78531

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 78.472 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011753.D

Acq: 09 Dec 2022 19:14

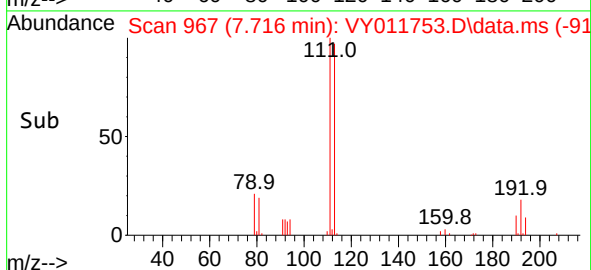
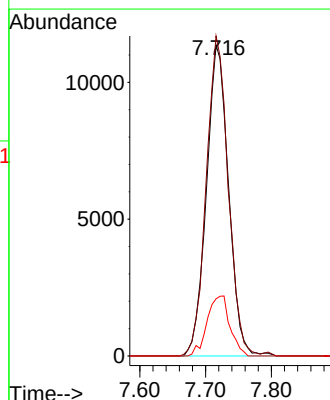
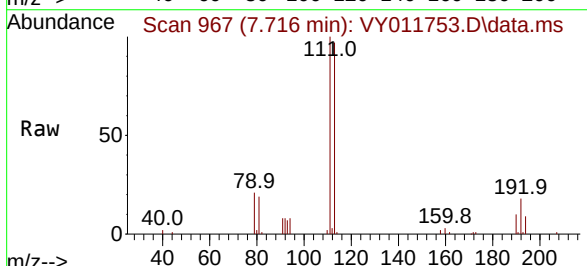
Tgt Ion:113 Resp: 26607

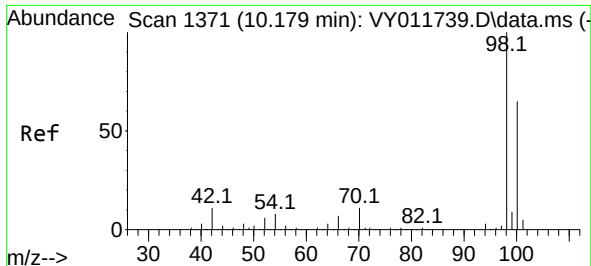
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 19.8 16.0 24.0

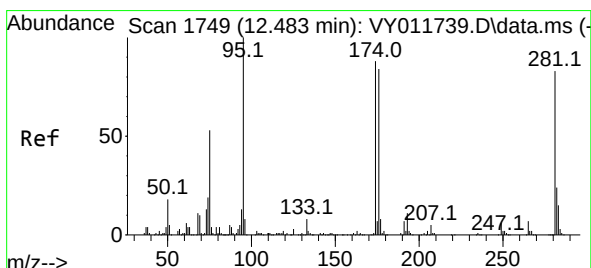
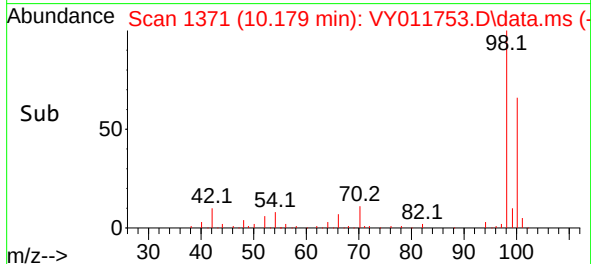
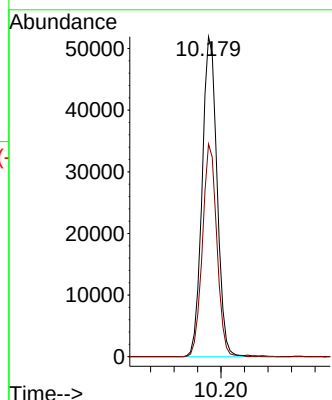
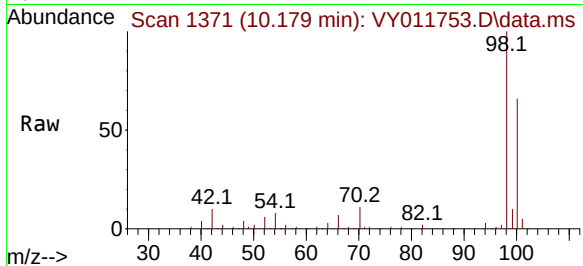




#50
Toluene-d8
Concen: 84.803 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011753.D
Acq: 09 Dec 2022 19:14

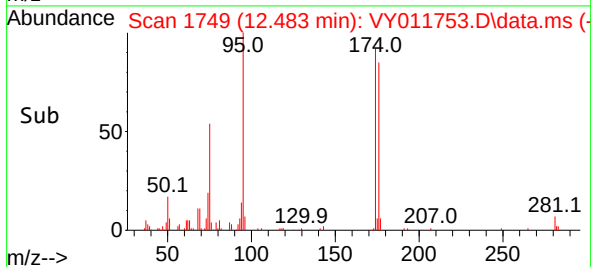
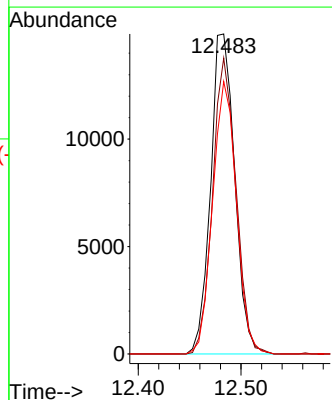
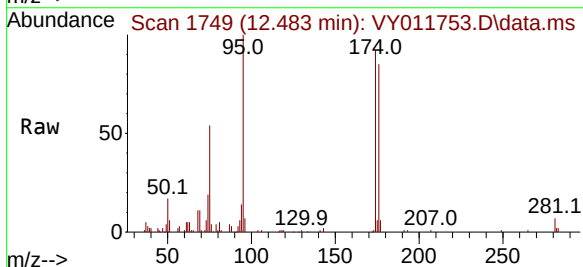
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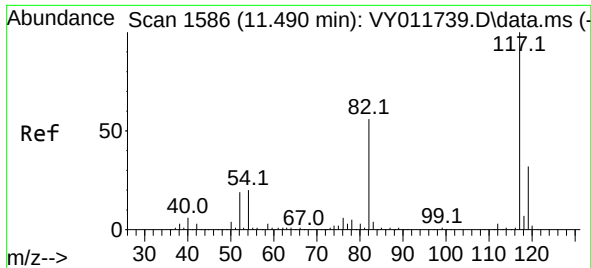
Tgt Ion: 98 Resp: 91723
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011753.D
Acq: 09 Dec 2022 19:14

Tgt Ion: 95 Resp: 24317
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.0
176 83.8 0.0 167.6

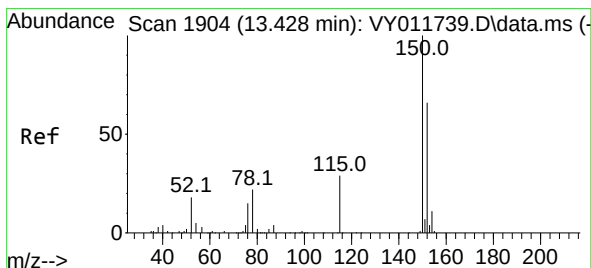
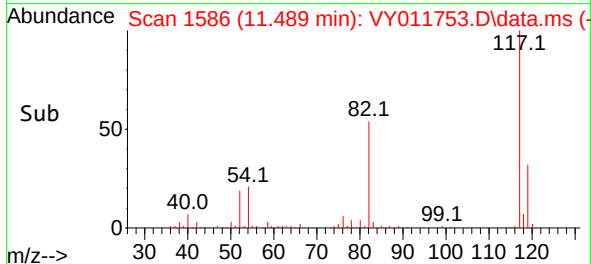
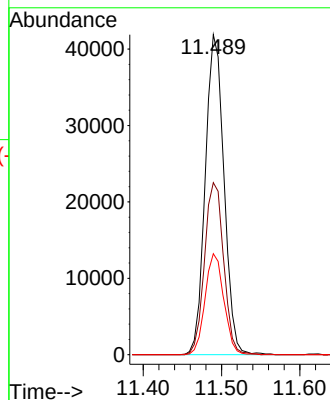
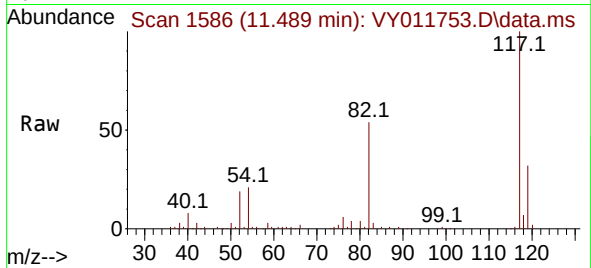




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011753.D
Acq: 09 Dec 2022 19:14

Instrument :
MSVOA_Y
ClientSampleId :
RBR200046-03

Tgt Ion:117 Resp: 69543
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011753.D
Acq: 09 Dec 2022 19:14

Tgt Ion:152 Resp: 25734
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 154.0 0.0 342.6

