

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009971.D
 Acq On : 11 Aug 2022 18:07
 Operator : KP/MD
 Sample : N4064-02RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02RE

Quant Time: Aug 12 02:50:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	5585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1275	56.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.710	113	400	13.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	28.000%#
50) Toluene-d8	10.179	98	3753	44.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.500%
62) 4-Bromofluorobenzene	12.477	95	1050	26.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52.260%

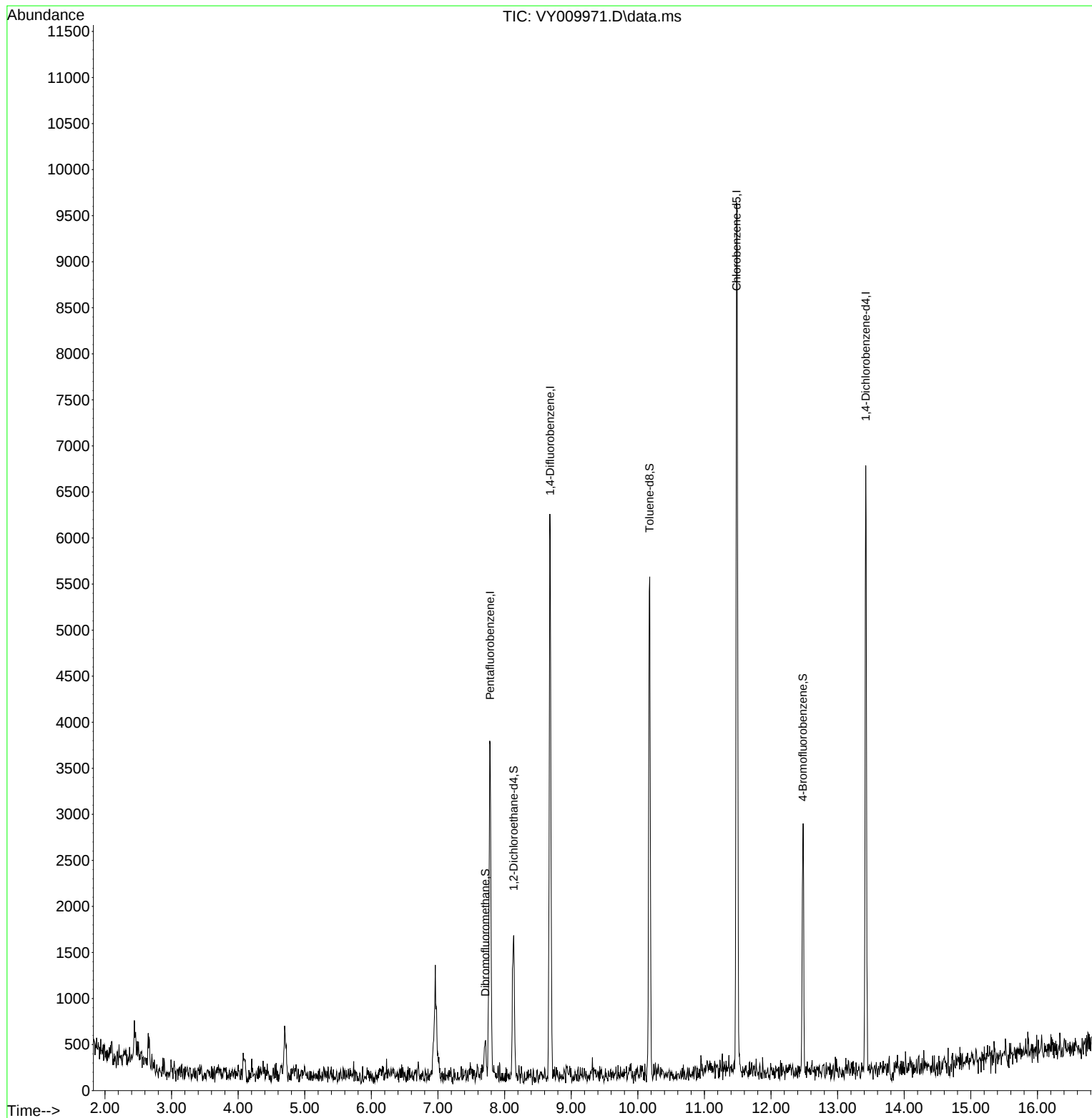
Target Compounds	Qvalue

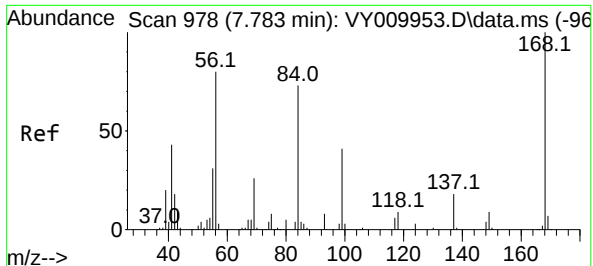
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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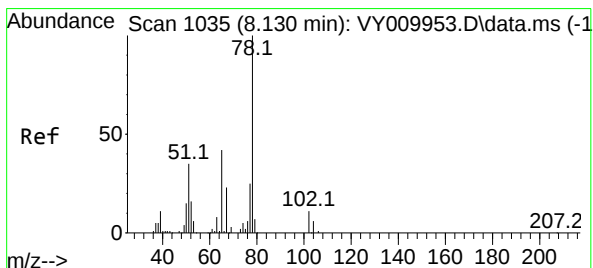
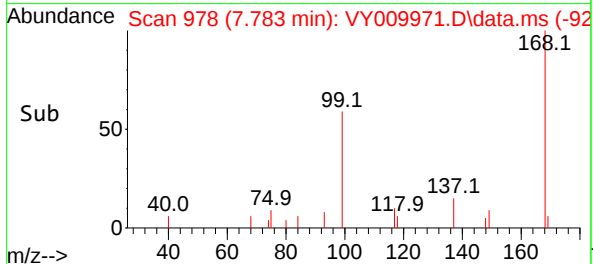
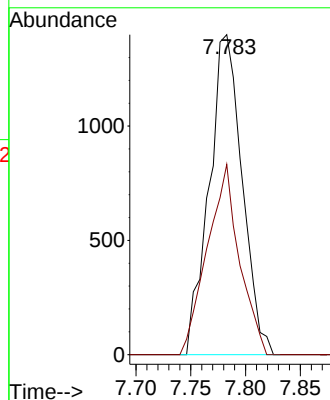
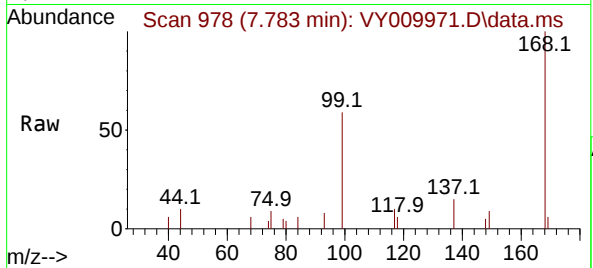




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

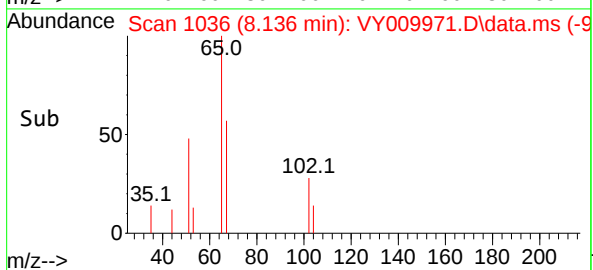
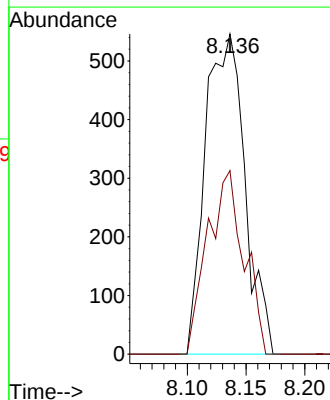
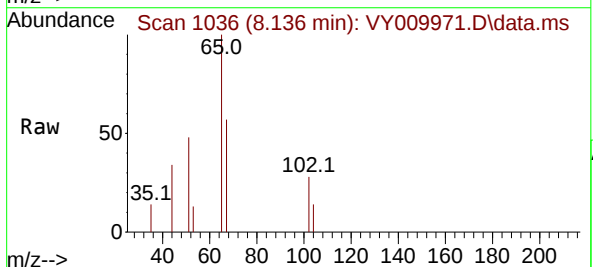
Instrument :
MSVOA_Y
ClientSampleId :
SB-02RE

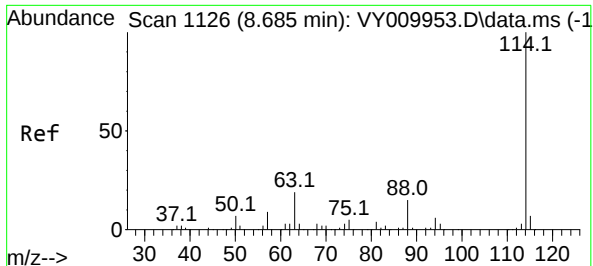
Tgt Ion:168 Resp: 2934
Ion Ratio Lower Upper
168 100
99 59.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 56.624 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 65 Resp: 1275
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009971.D

Acq: 11 Aug 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-02RE

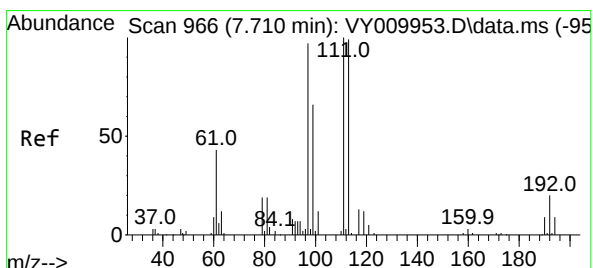
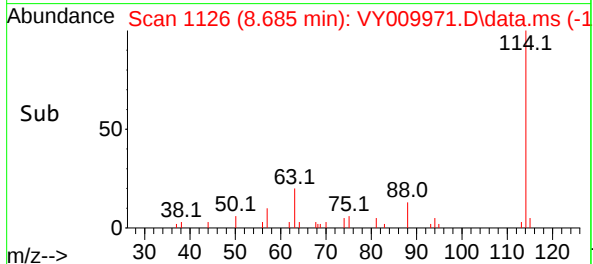
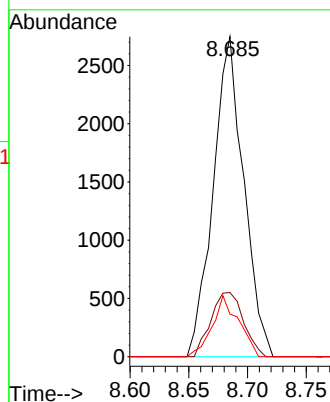
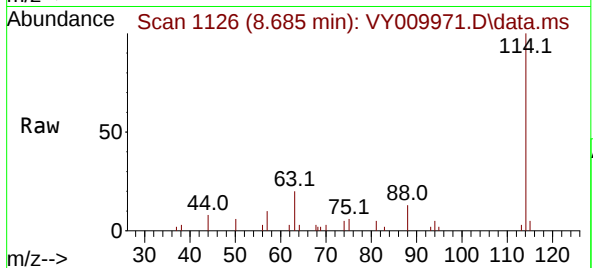
Tgt Ion:114 Resp: 4967

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 13.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 13.997 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009971.D

Acq: 11 Aug 2022 18:07

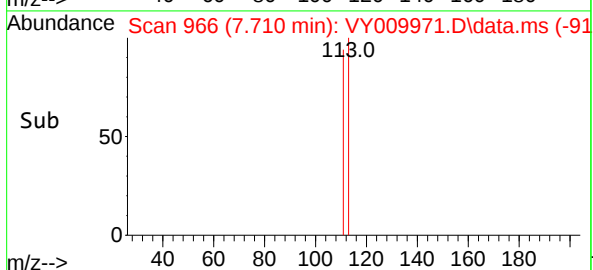
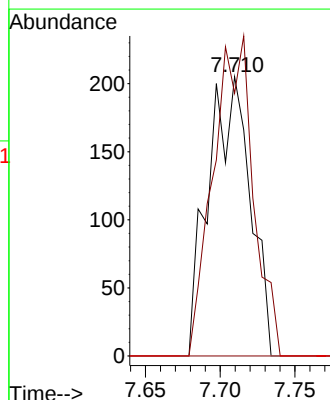
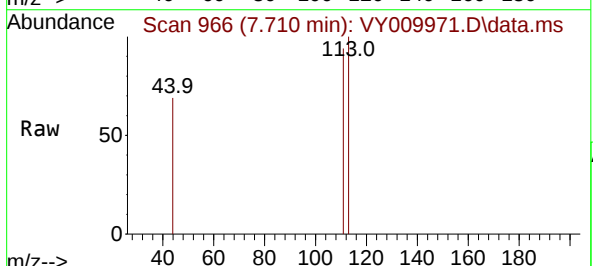
Tgt Ion:113 Resp: 400

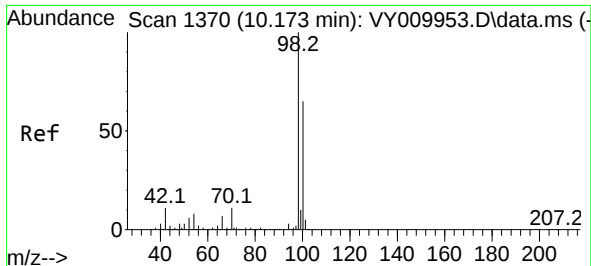
Ion Ratio Lower Upper

113 100

111 108.7 80.6 120.8

192 0.0 16.2 24.4#

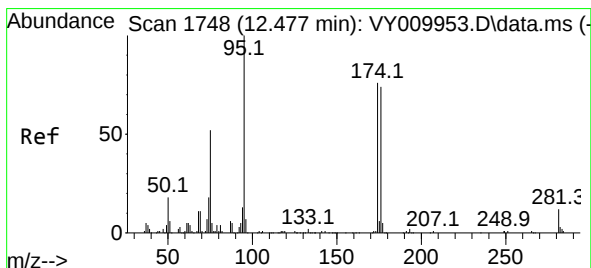
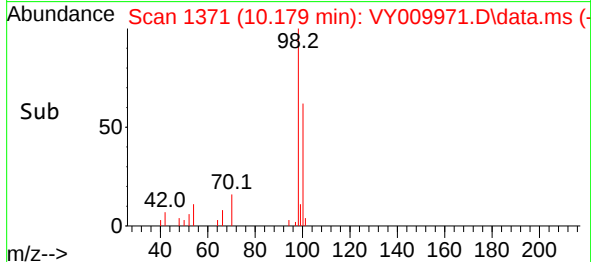
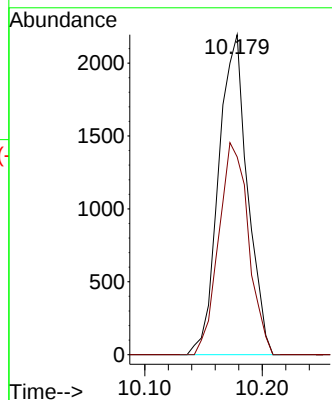
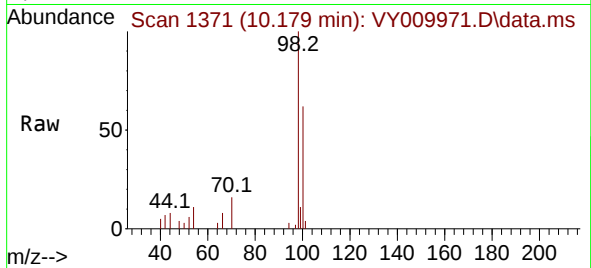




#50
Toluene-d8
Concen: 44.250 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

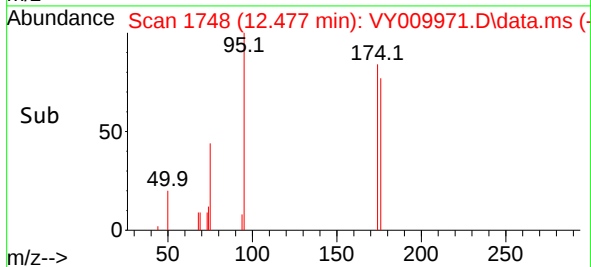
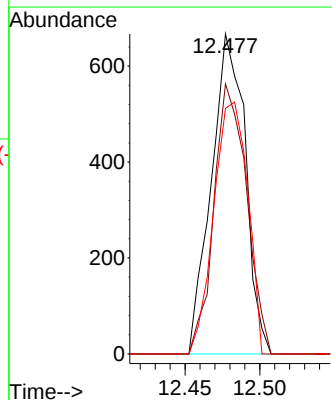
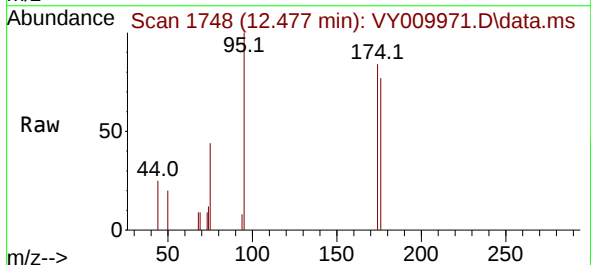
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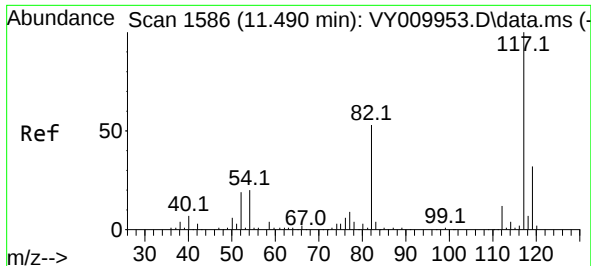
Tgt Ion: 98 Resp: 3753
Ion Ratio Lower Upper
98 100
100 68.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 26.134 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 95 Resp: 1050
Ion Ratio Lower Upper
95 100
174 81.4 0.0 173.8
176 79.1 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY009971.D

Acq: 11 Aug 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-02RE

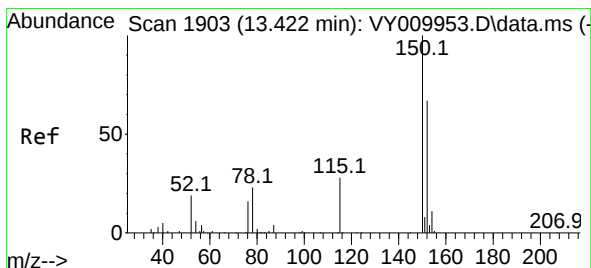
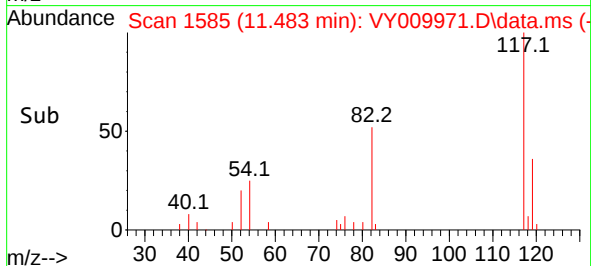
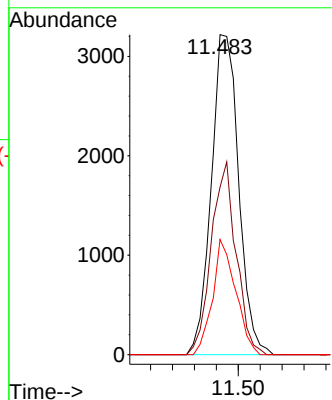
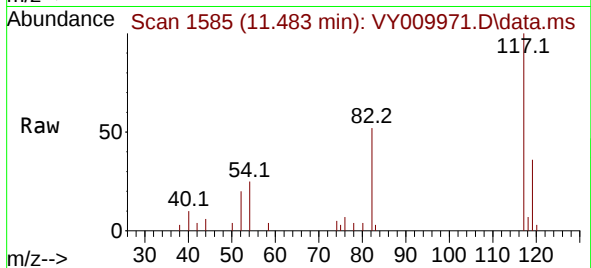
Tgt Ion:117 Resp: 5585

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 36.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009971.D

Acq: 11 Aug 2022 18:07

Tgt Ion:152 Resp: 1686

Ion Ratio Lower Upper

152 100

115 63.2 28.6 85.9

150 167.7 0.0 349.8

