

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010008.D
 Acq On : 14 Aug 2022 19:27
 Operator : KP/MD
 Sample : N4189-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB20

Quant Time: Aug 15 00:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	11887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	20548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5162	42.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.620%
35) Dibromofluoromethane	7.710	113	5443	43.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.560%
50) Toluene-d8	10.179	98	19365	40.187	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.380%
62) 4-Bromofluorobenzene	12.477	95	5480	31.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.080%

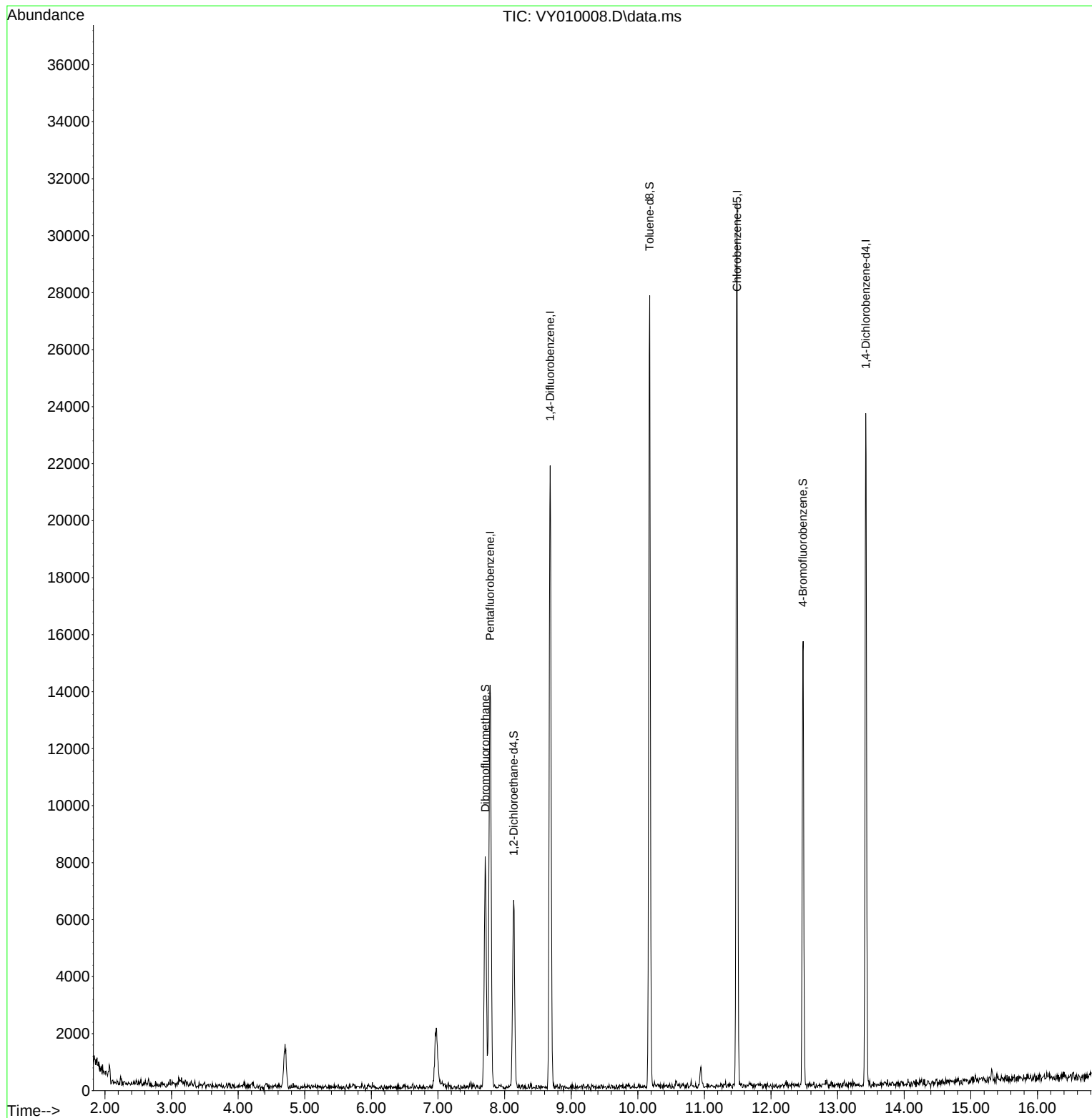
Target Compounds	Qvalue

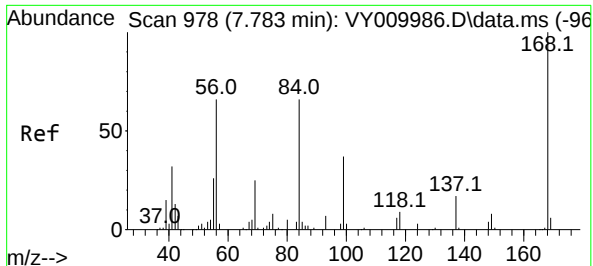
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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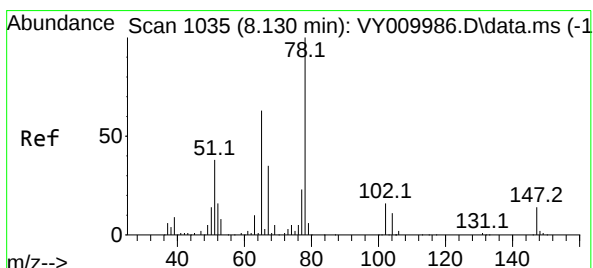
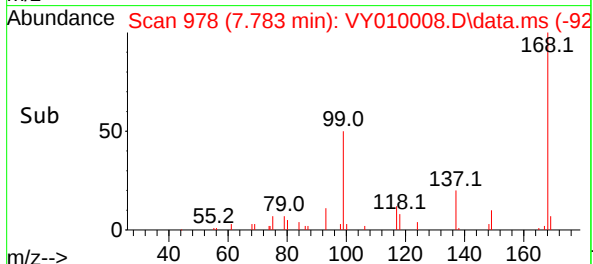
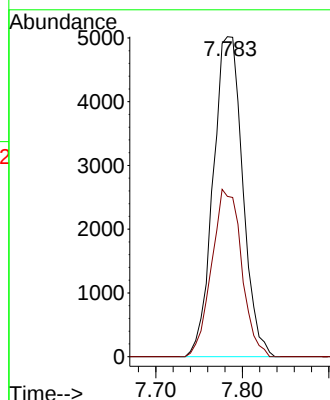
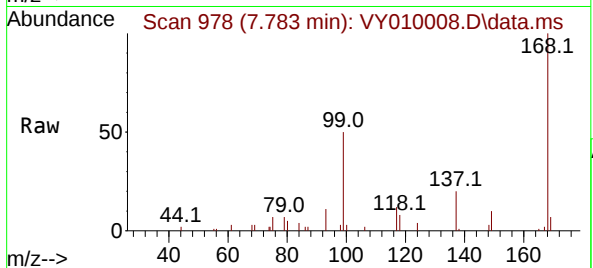




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010008.D
Acq: 14 Aug 2022 19:27

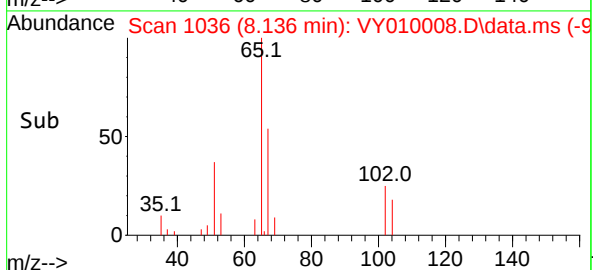
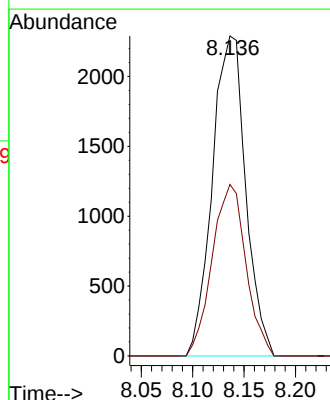
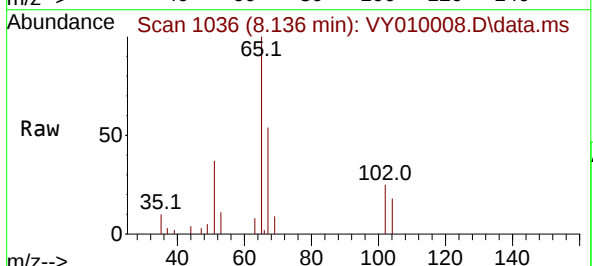
Instrument :
MSVOA_Y
ClientSampleId :
SB20

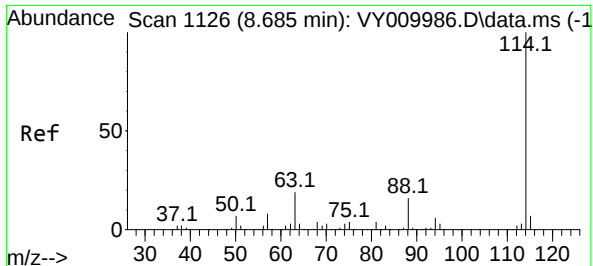
Tgt Ion:168 Resp: 11887
Ion Ratio Lower Upper
168 100
99 50.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 42.809 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010008.D
Acq: 14 Aug 2022 19:27

Tgt Ion: 65 Resp: 5162
Ion Ratio Lower Upper
65 100
67 54.3 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: VY010008.D

Acq: 14 Aug 2022 19:27

Instrument :

MSVOA_Y

ClientSampleId :

SB20

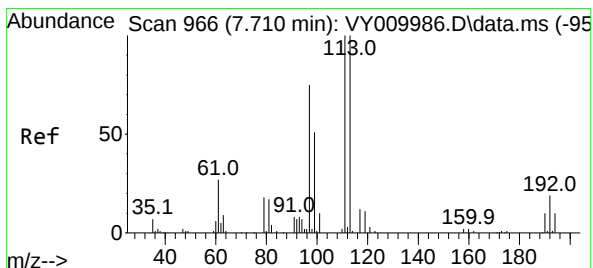
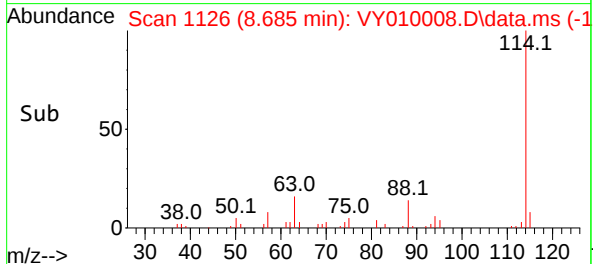
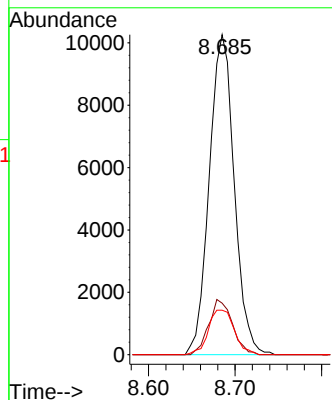
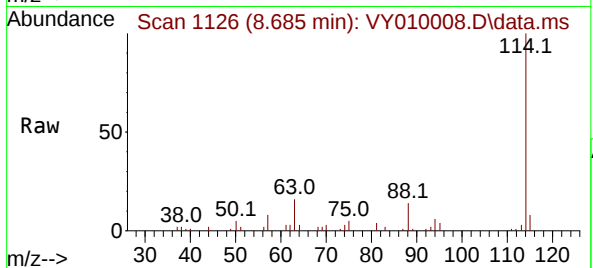
Tgt Ion:114 Resp: 20548

Ion Ratio Lower Upper

114 100

63 16.1 0.0 38.0

88 13.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 43.280 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010008.D

Acq: 14 Aug 2022 19:27

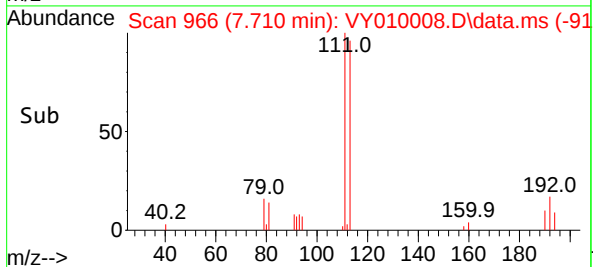
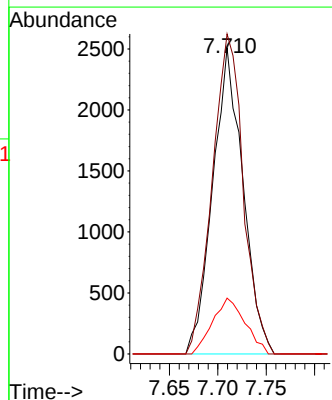
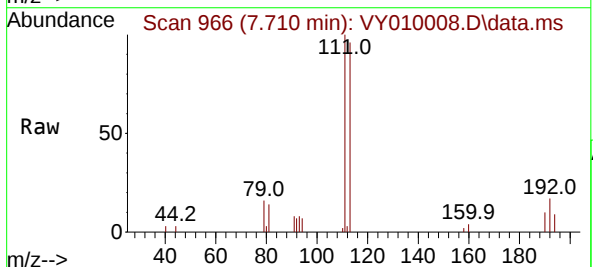
Tgt Ion:113 Resp: 5443

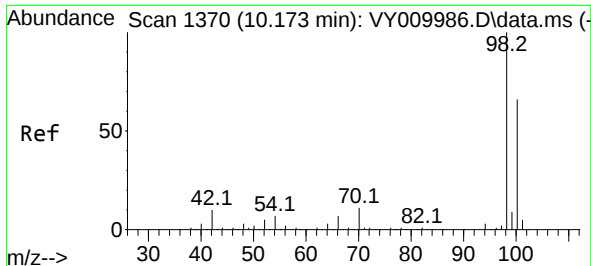
Ion Ratio Lower Upper

113 100

111 107.1 80.6 120.8

192 19.6 16.2 24.4

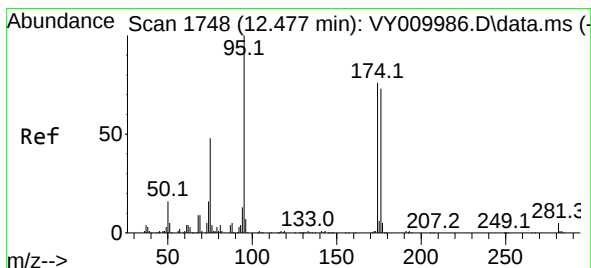
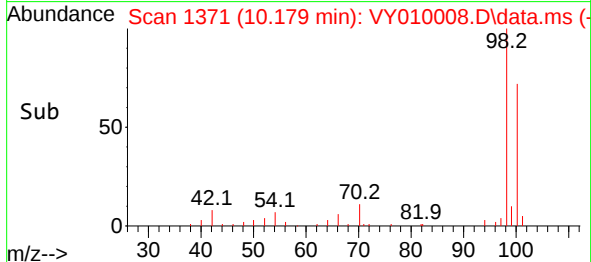
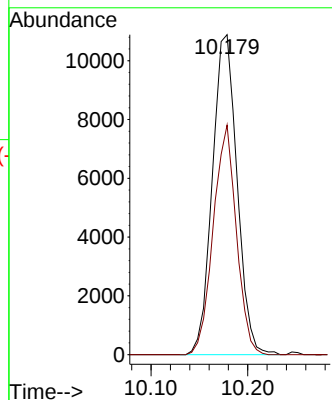
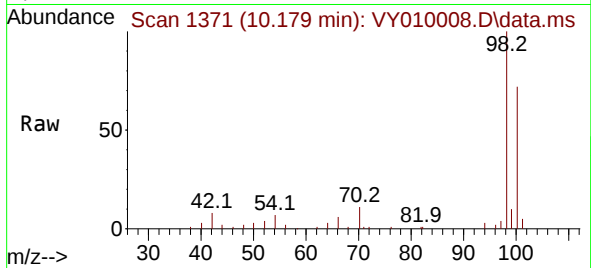




#50
Toluene-d8
Concen: 40.187 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010008.D
Acq: 14 Aug 2022 19:27

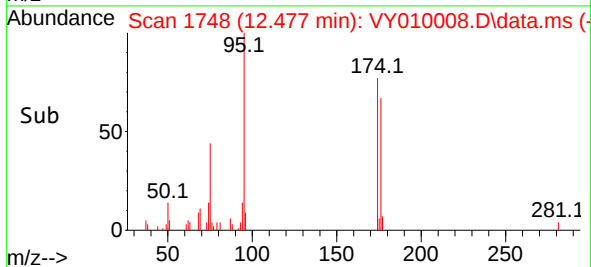
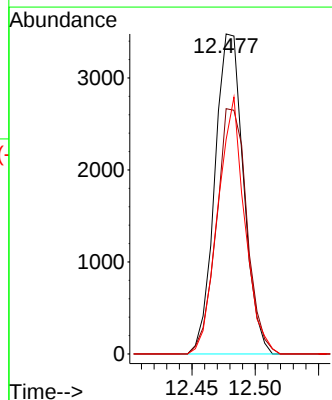
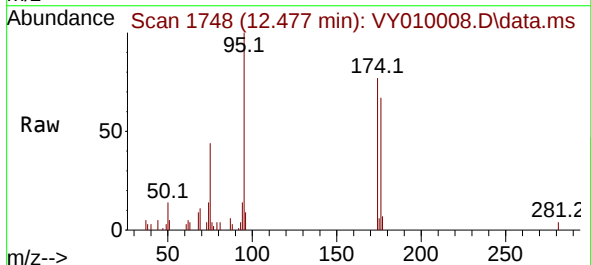
Instrument :
MSVOA_Y
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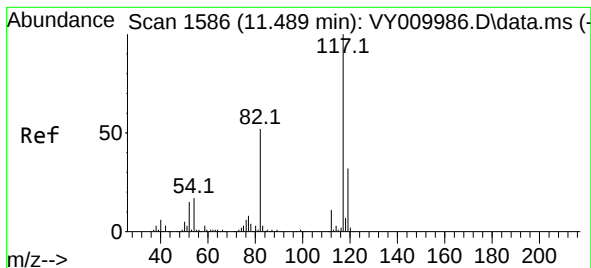
Tgt Ion: 98 Resp: 19365
Ion Ratio Lower Upper
98 100
100 66.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 31.039 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010008.D
Acq: 14 Aug 2022 19:27

Tgt Ion: 95 Resp: 5480
Ion Ratio Lower Upper
95 100
174 81.3 0.0 173.8
176 75.5 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010008.D

Acq: 14 Aug 2022 19:27

Instrument :

MSVOA_Y

ClientSampleId :

SB20

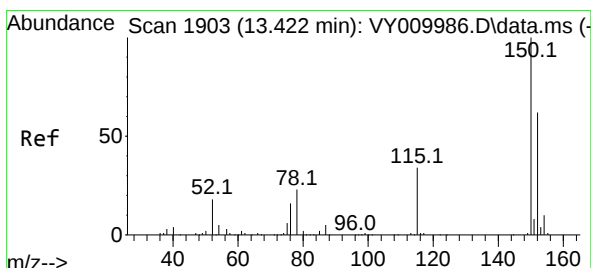
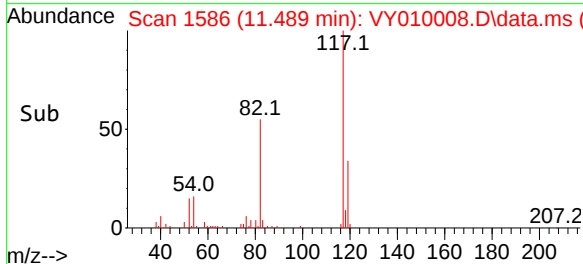
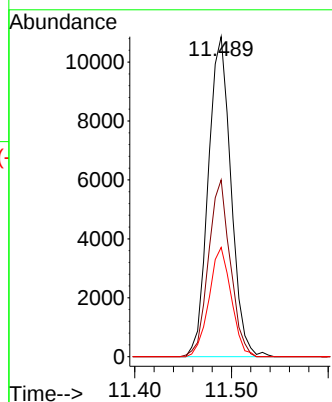
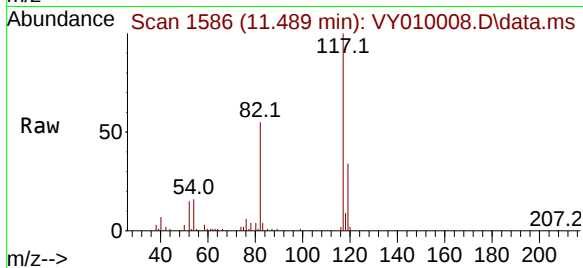
Tgt Ion:117 Resp: 17711

Ion Ratio Lower Upper

117 100

82 55.3 41.8 62.6

119 34.2 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: VY010008.D

Acq: 14 Aug 2022 19:27

Tgt Ion:152 Resp: 6500

Ion Ratio Lower Upper

152 100

115 61.9 28.6 85.9

150 157.7 0.0 349.8

