

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009287.D
 Acq On : 23 Jun 2022 12:04
 Operator : KP/MD
 Sample : N3466-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QA-QC-COMP-XRDS010-22

Quant Time: Jun 24 09:21:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	230017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73934	49.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.440%
35) Dibromofluoromethane	7.716	113	69275	46.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.000%
50) Toluene-d8	10.179	98	268126	46.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.483	95	85294	42.418	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.840%

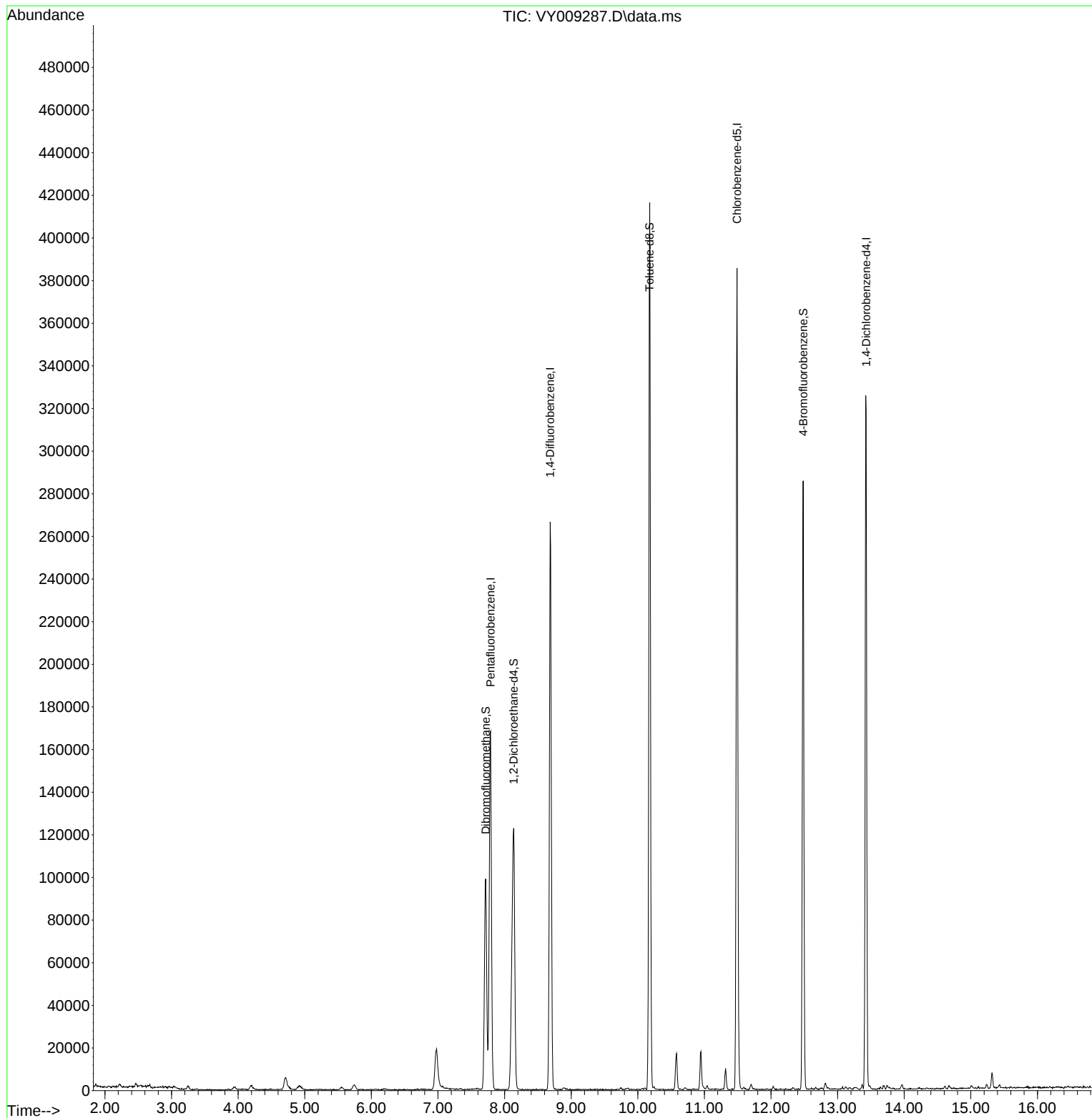
Target Compounds	Qvalue

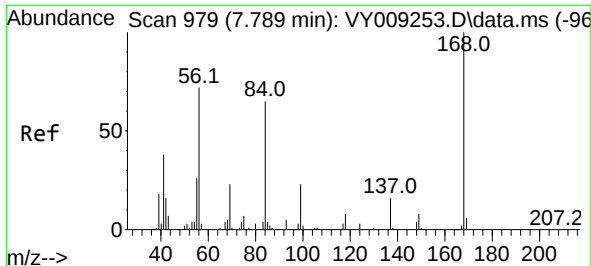
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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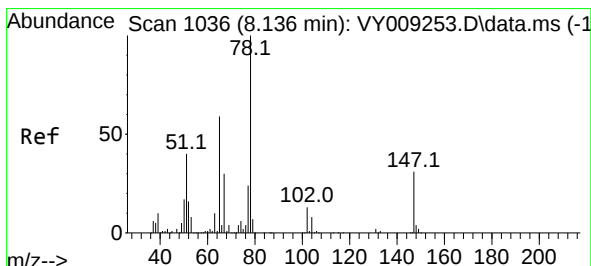
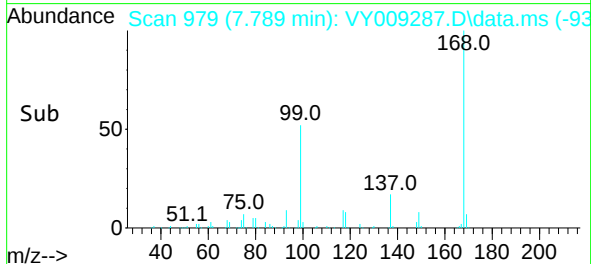
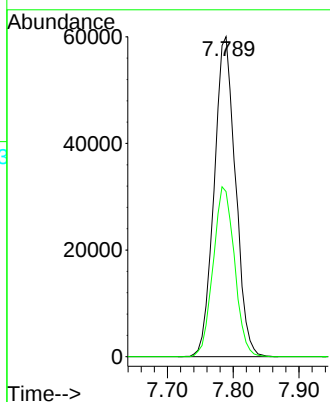
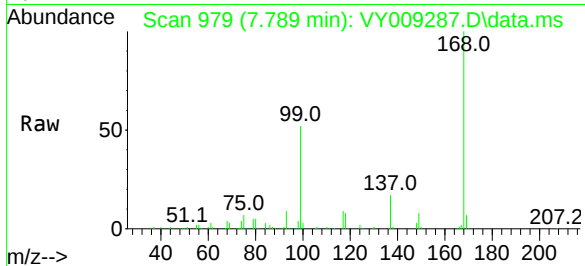




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009287.D
Acq: 23 Jun 2022 12:04

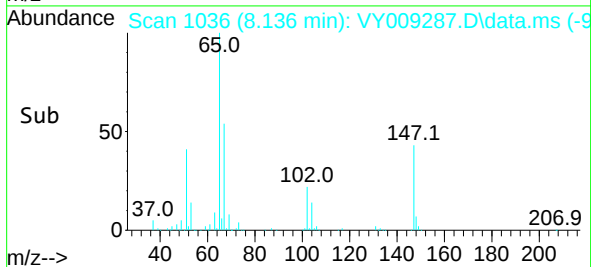
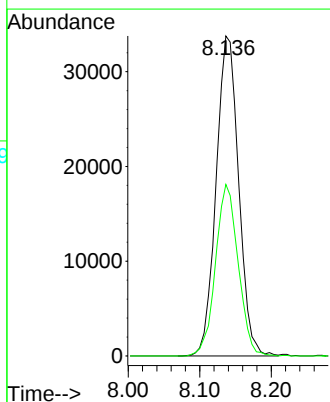
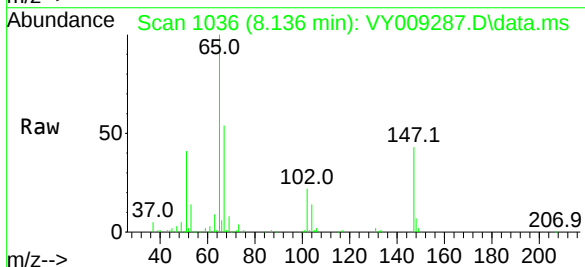
Instrument :
MSVOA_Y
ClientSampleId :
QA-QC-COMP-XRDS010-22

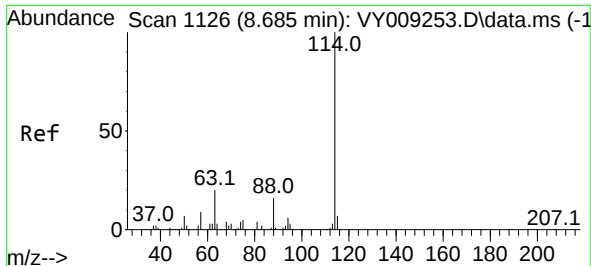
Tgt Ion:168 Resp: 135407
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.716 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009287.D
Acq: 23 Jun 2022 12:04

Tgt Ion: 65 Resp: 73934
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

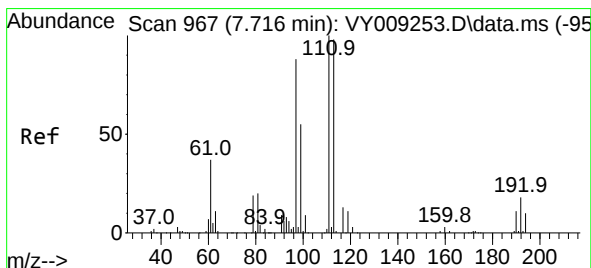
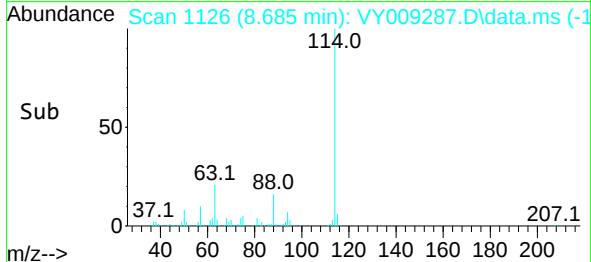
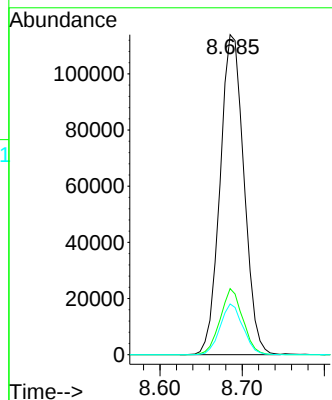
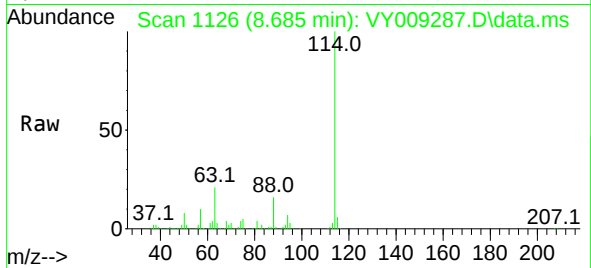




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009287.D
Acq: 23 Jun 2022 12:04

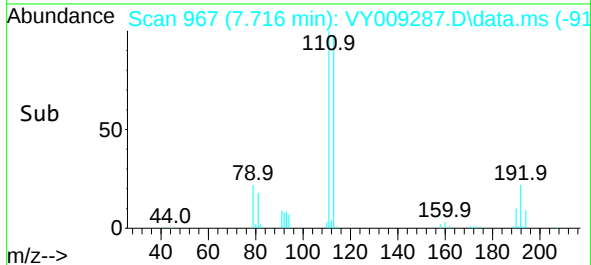
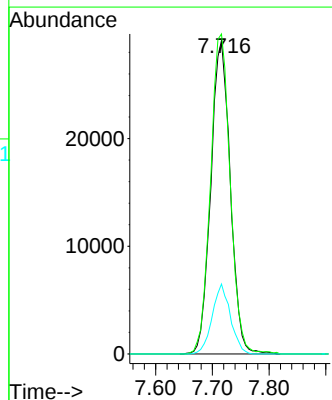
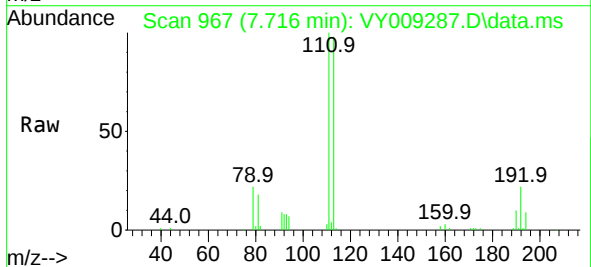
Instrument :
MSVOA_Y
ClientSampleId :
QA-QC-COMP-XRDS010-22

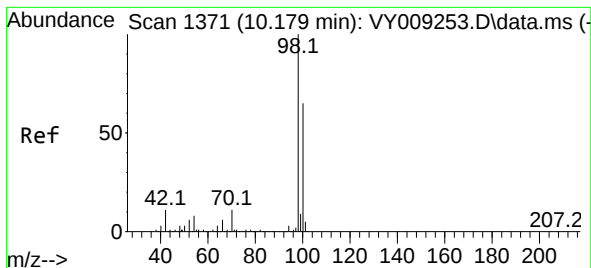
Tgt Ion:114 Resp: 230017
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.505 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009287.D
Acq: 23 Jun 2022 12:04

Tgt Ion:113 Resp: 69275
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.9 17.6 26.4





#50

Toluene-d8

Concen: 46.855 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009287.D

Acq: 23 Jun 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

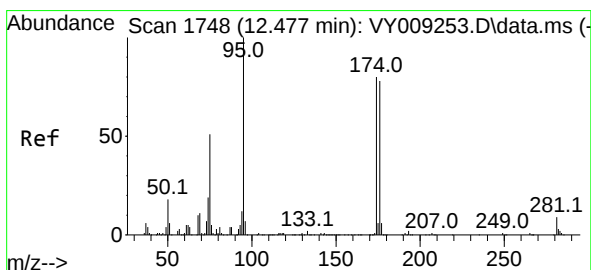
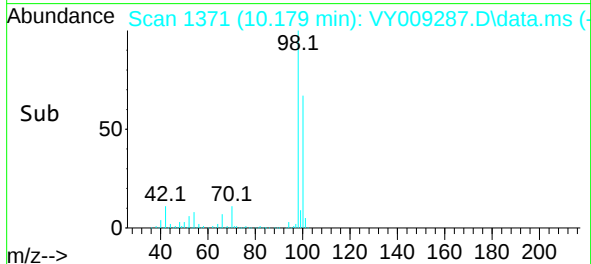
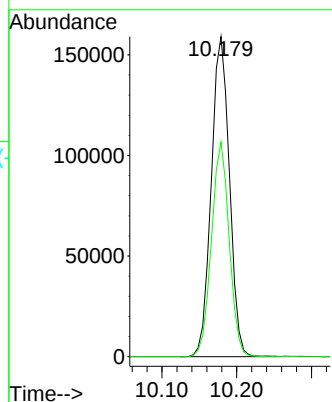
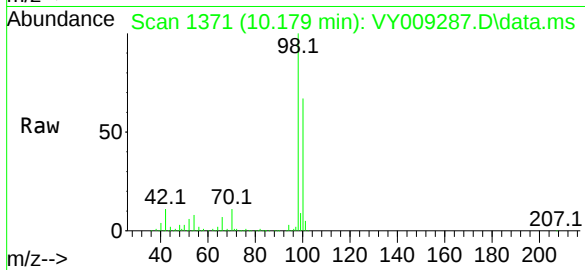
QA-QC-COMP-XRDS010-22

Tgt Ion: 98 Resp: 268126

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 42.418 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY009287.D

Acq: 23 Jun 2022 12:04

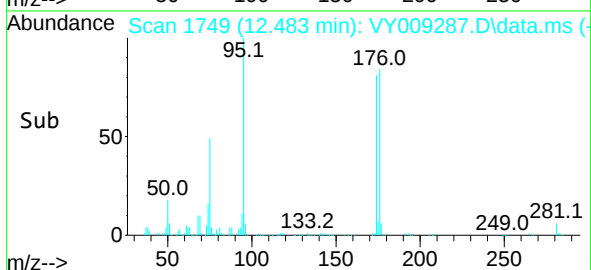
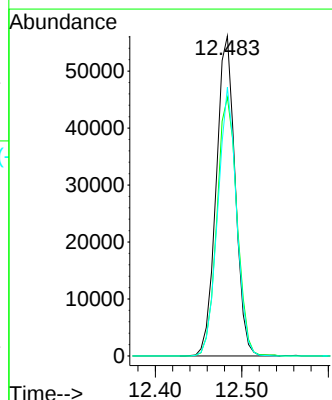
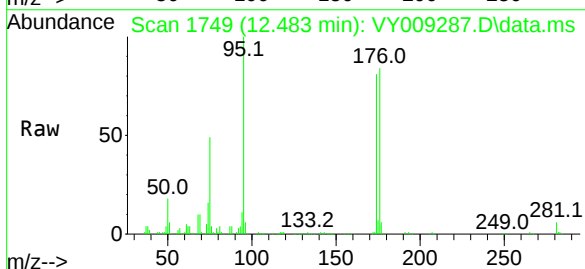
Tgt Ion: 95 Resp: 85294

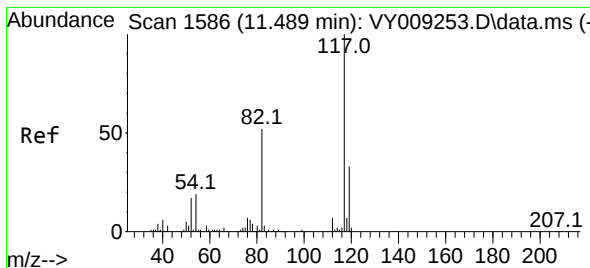
Ion Ratio Lower Upper

95 100

174 85.4 0.0 177.0

176 82.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009287.D

Acq: 23 Jun 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

QA-QC-COMP-XRDS010-22

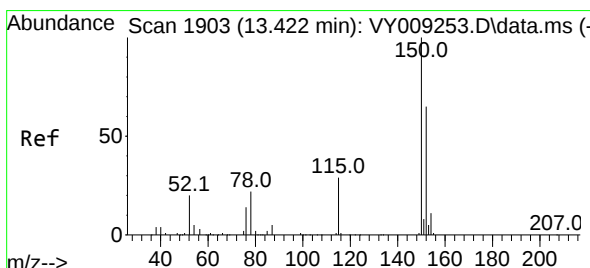
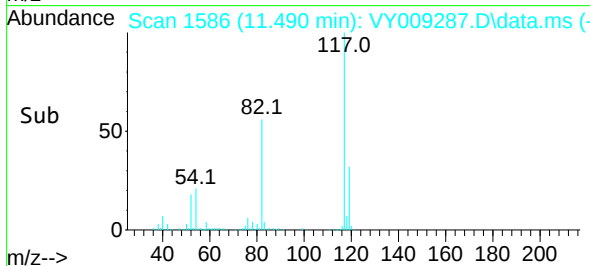
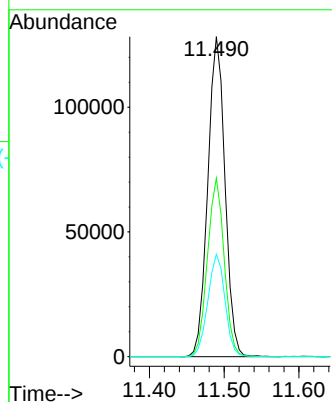
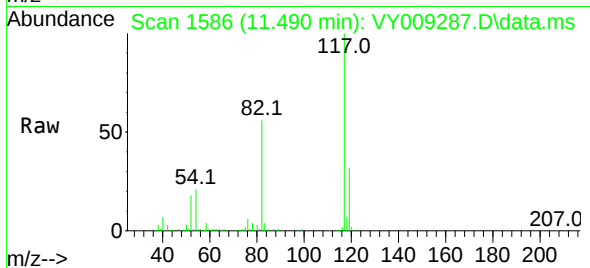
Tgt Ion:117 Resp: 204900

Ion Ratio Lower Upper

117 100

82 55.8 43.0 64.4

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009287.D

Acq: 23 Jun 2022 12:04

Tgt Ion:152 Resp: 86103

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 158.3 0.0 347.6

