

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009288.D
 Acq On : 23 Jun 2022 12:28
 Operator : KP/MD
 Sample : N3467-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QA-QC-COMP-XRDS008-22

Quant Time: Jun 24 09:22:05 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	7.783	168	220181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	390745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130079	53.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.580%
35) Dibromofluoromethane	7.716	113	119468	47.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.420%
50) Toluene-d8	10.179	98	464949	47.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.477	95	158650	46.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.880%

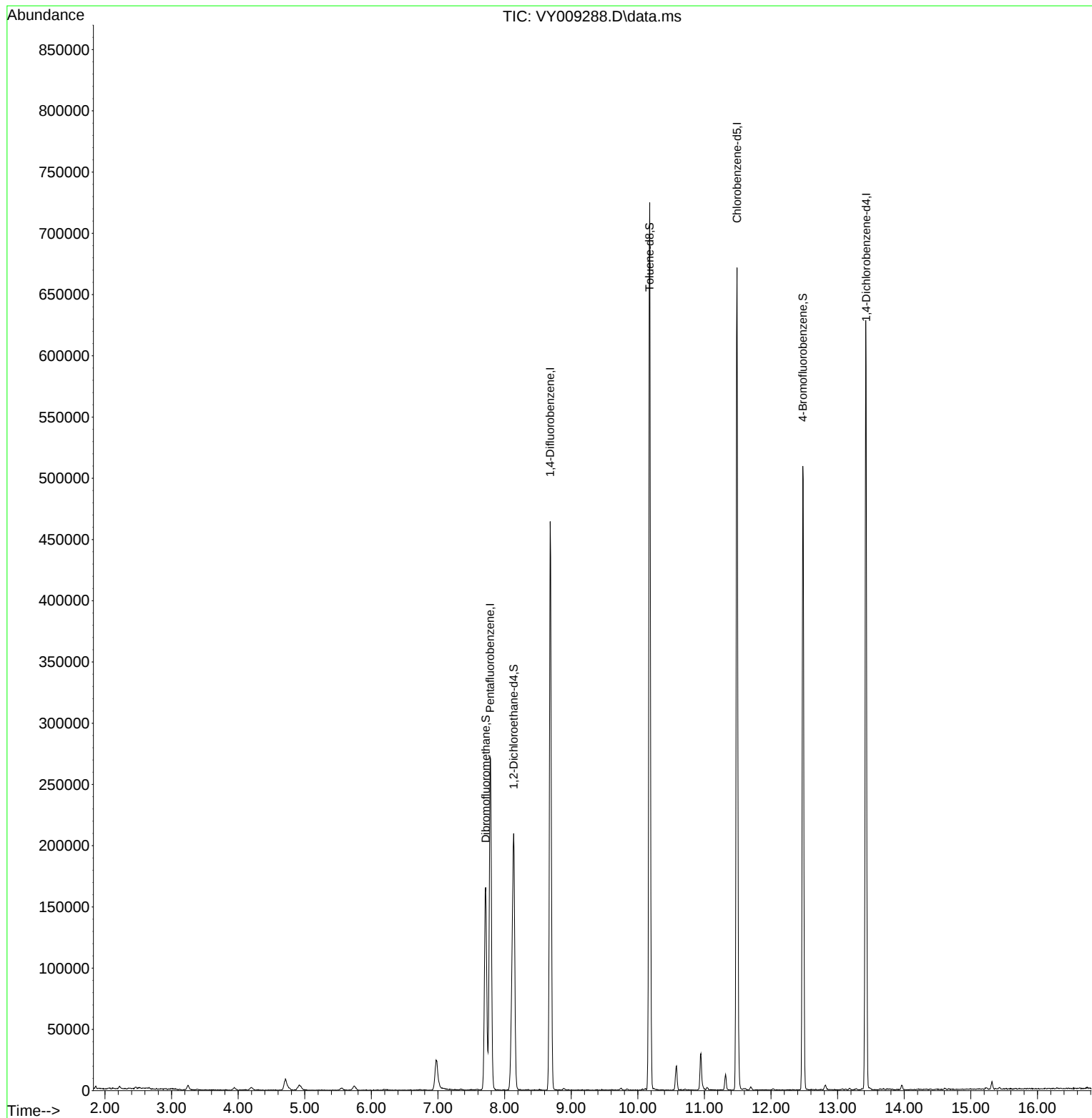
Target Compounds	Qvalue

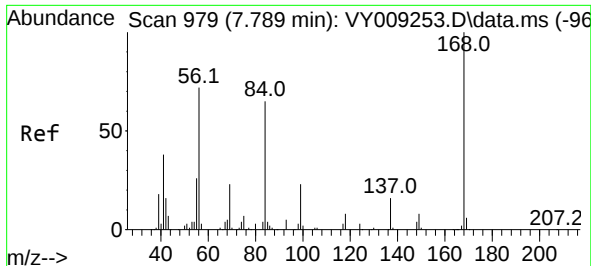
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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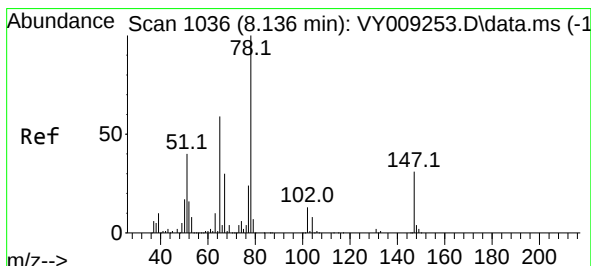
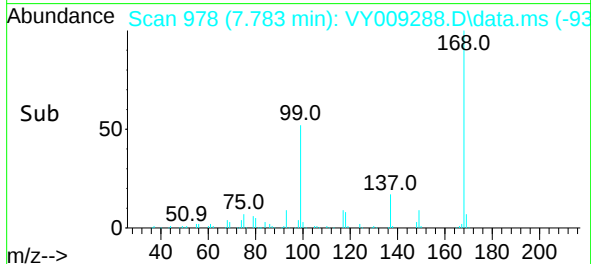
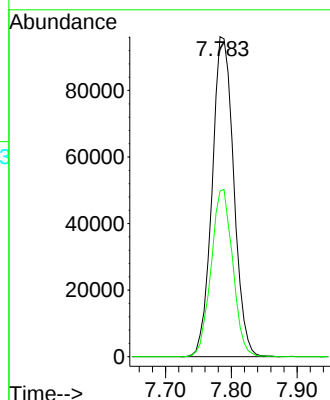
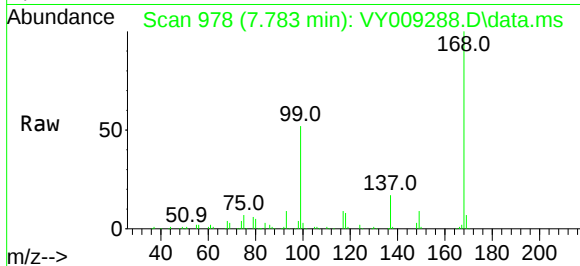




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009288.D
Acq: 23 Jun 2022 12:28

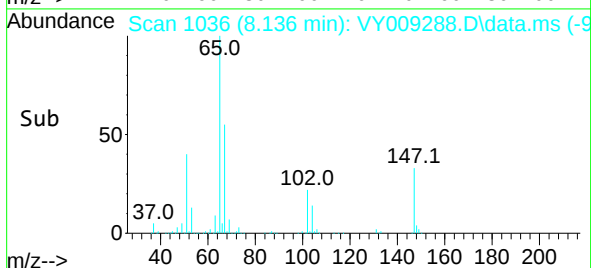
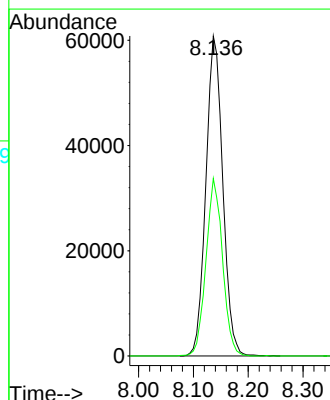
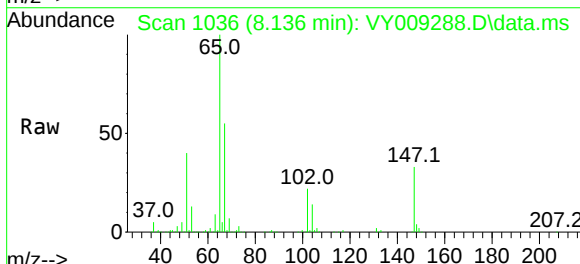
Instrument :
MSVOA_Y
ClientSampleId :
QA-QC-COMP-XRDS008-22

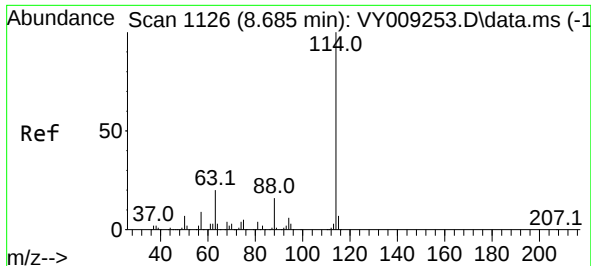
Tgt Ion:168 Resp: 220181
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.792 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009288.D
Acq: 23 Jun 2022 12:28

Tgt Ion: 65 Resp: 130079
Ion Ratio Lower Upper
65 100
67 54.4 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: VY009288.D

Acq: 23 Jun 2022 12:28

Instrument :

MSVOA_Y

ClientSampleId :

QA-QC-COMP-XRDS008-22

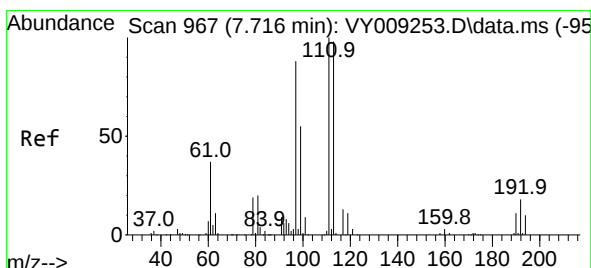
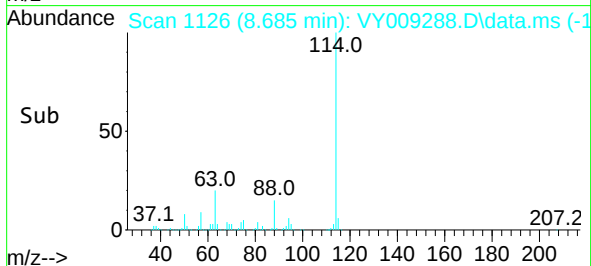
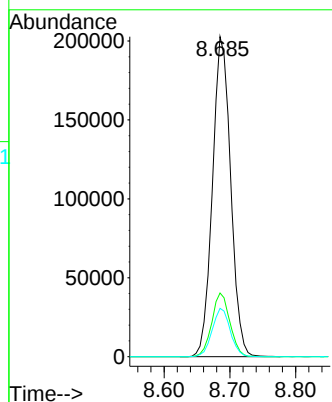
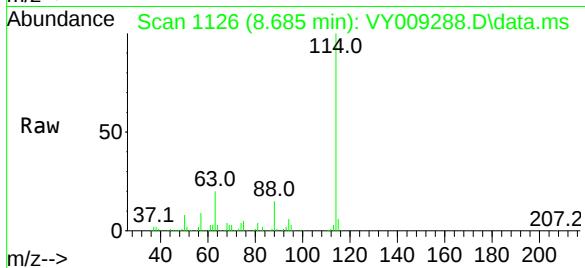
Tgt Ion:114 Resp: 390745

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.210 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009288.D

Acq: 23 Jun 2022 12:28

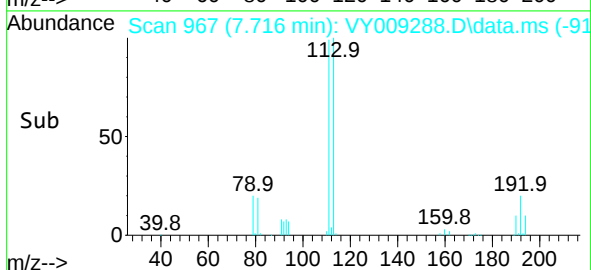
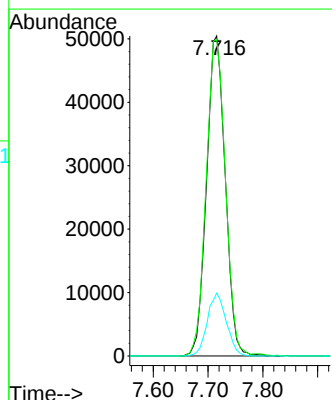
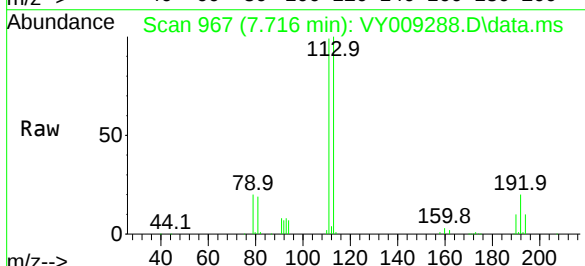
Tgt Ion:113 Resp: 119468

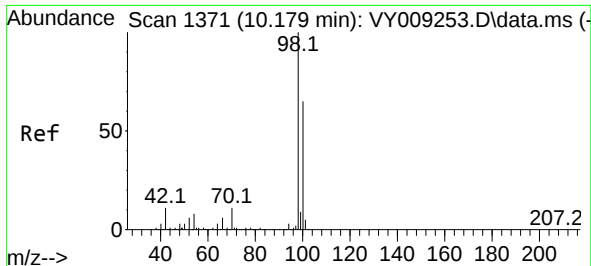
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.9 17.6 26.4

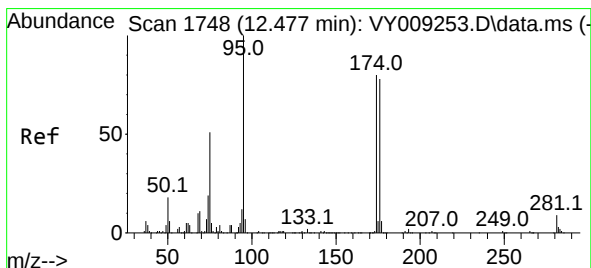
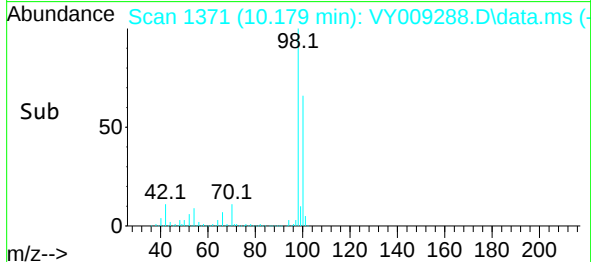
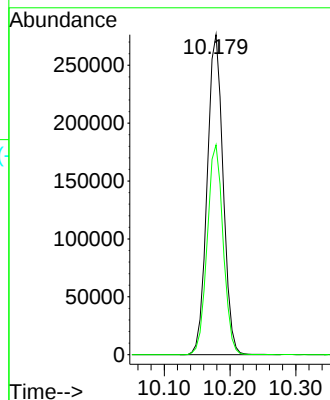
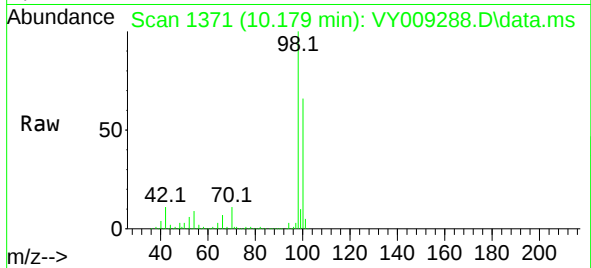




#50
Toluene-d8
Concen: 47.829 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009288.D
Acq: 23 Jun 2022 12:28

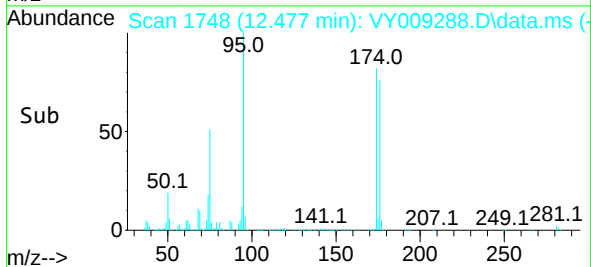
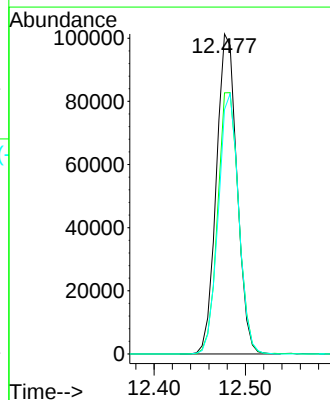
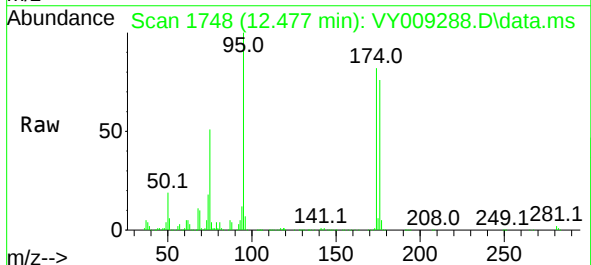
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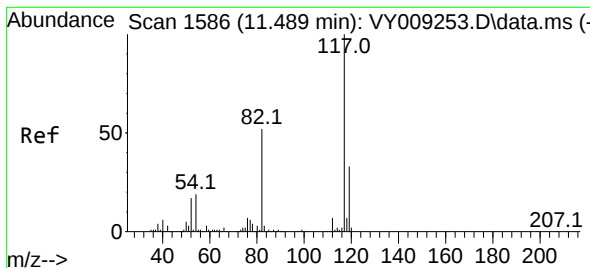
Tgt Ion: 98 Resp: 464949
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009288.D
Acq: 23 Jun 2022 12:28

Tgt Ion: 95 Resp: 158650
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 80.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009288.D

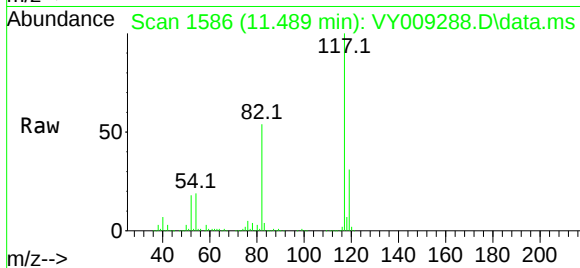
Acq: 23 Jun 2022 12:28

Instrument :

MSVOA_Y

ClientSampleId :

QA-QC-COMP-XRDS008-22



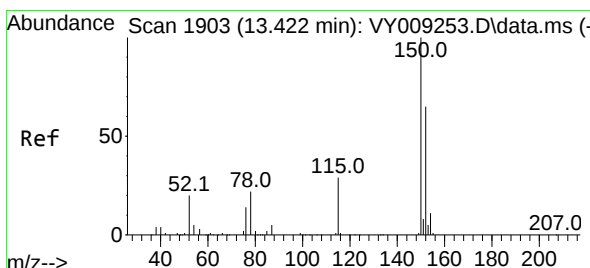
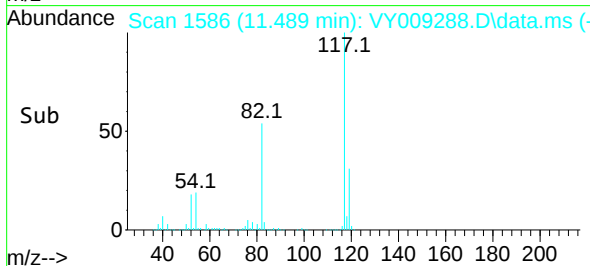
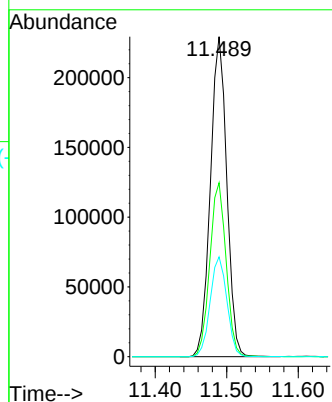
Tgt Ion:117 Resp: 364757

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

119 31.2 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: VY009288.D

Acq: 23 Jun 2022 12:28

Tgt Ion:152 Resp: 160434

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 158.7 0.0 347.6

