

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011429.D
 Acq On : 11 Nov 2022 19:11
 Operator : KP/MD
 Sample : N5575-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-111022

Quant Time: Nov 14 05:54:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	305854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	433891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	189395	73.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.800%
35) Dibromofluoromethane	7.716	113	189728	64.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.380%
50) Toluene-d8	10.179	98	666012	59.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.880%
62) 4-Bromofluorobenzene	12.477	95	196662	50.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.640%

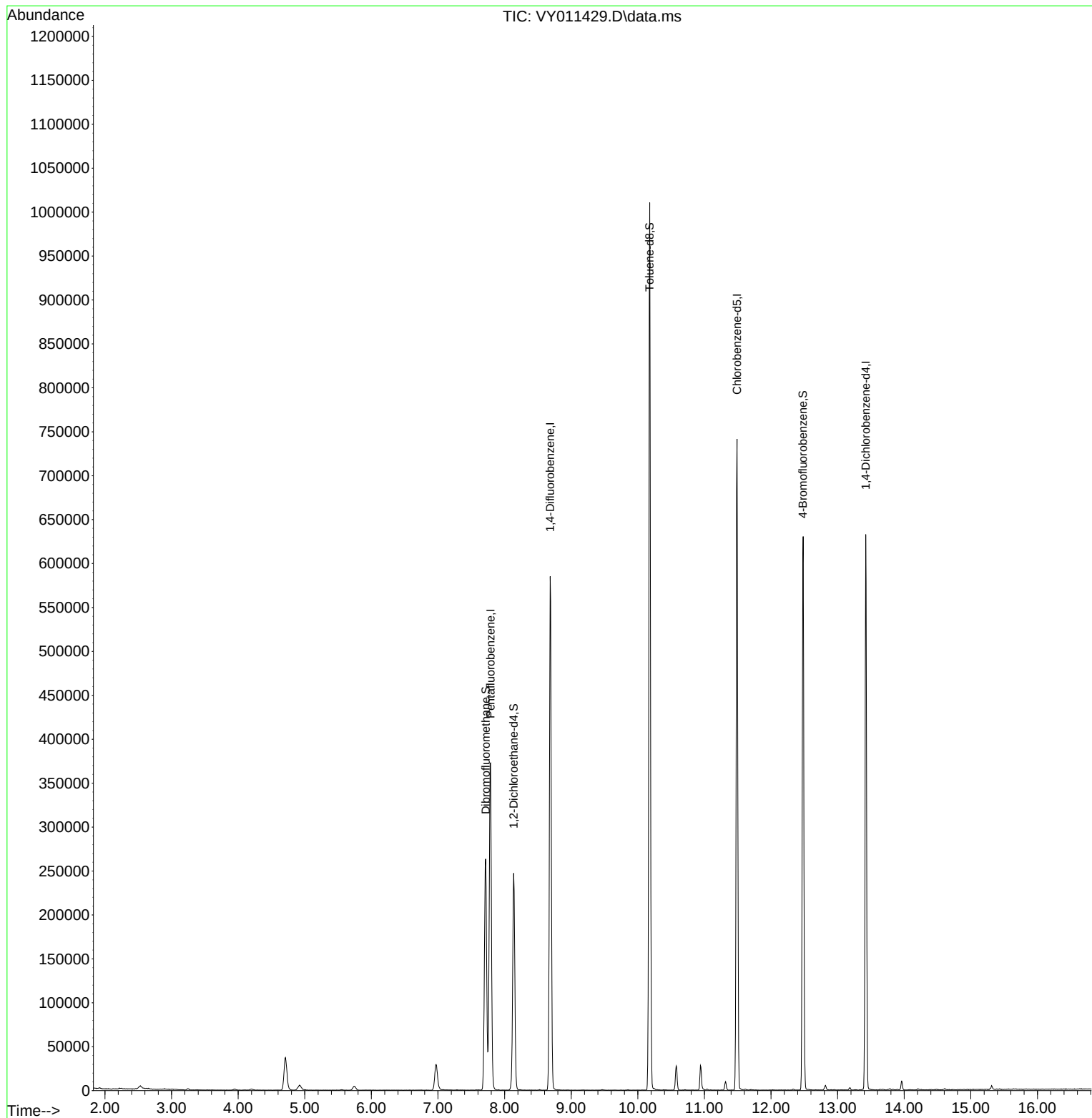
Target Compounds	Qvalue

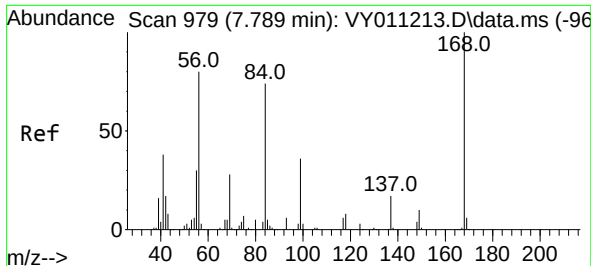
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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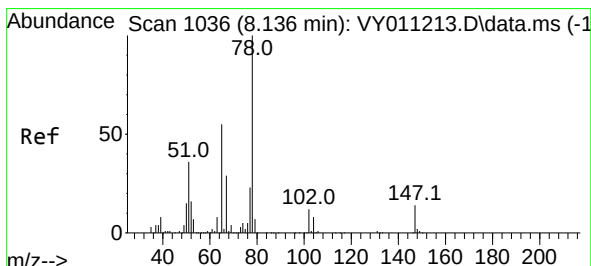
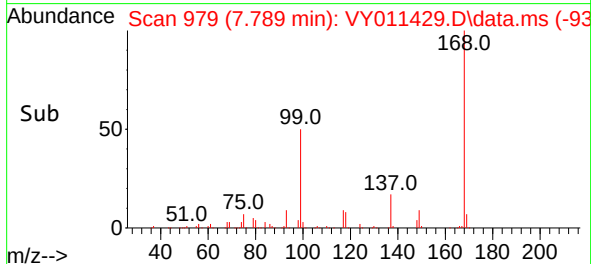
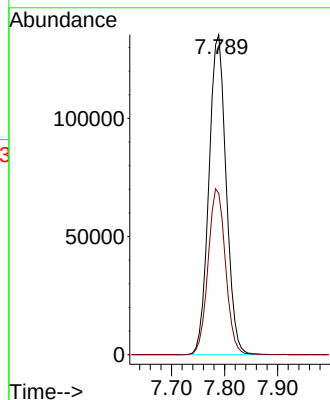
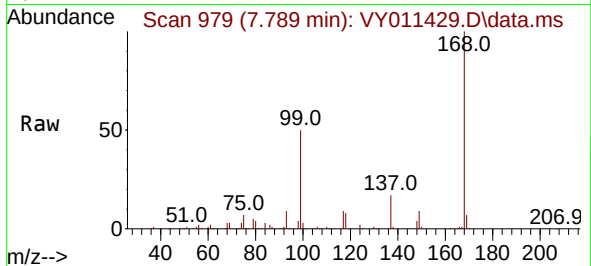




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

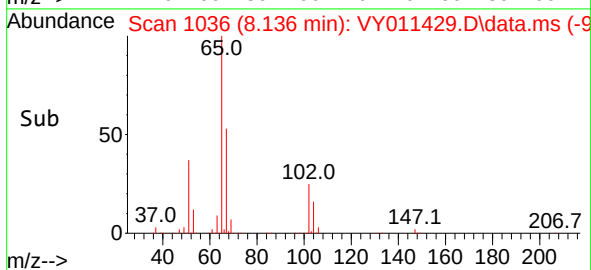
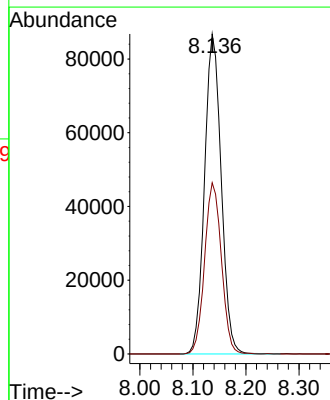
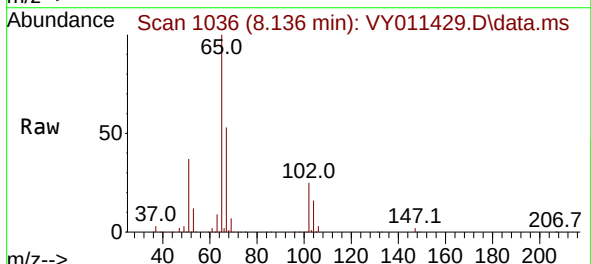
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

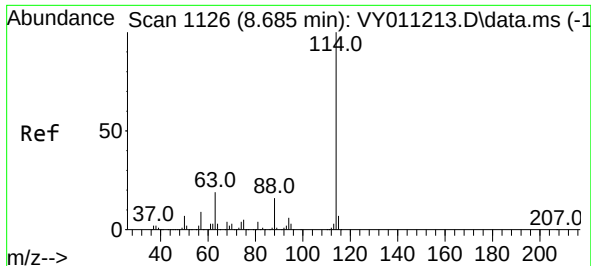
Tgt Ion:168 Resp: 305854
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 73.897 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 65 Resp: 189395
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

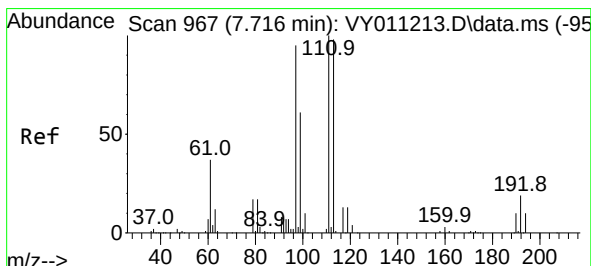
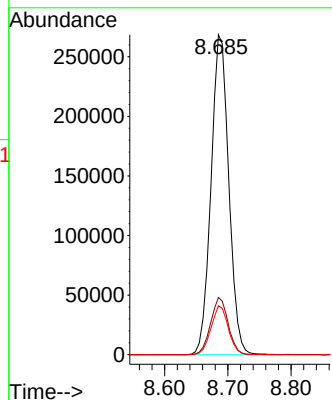
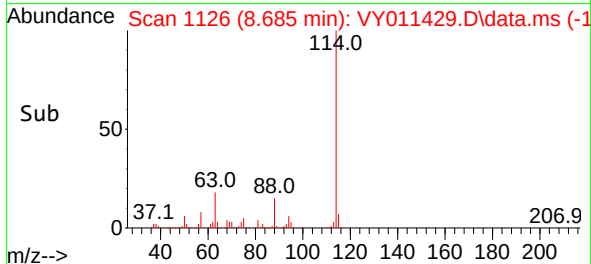
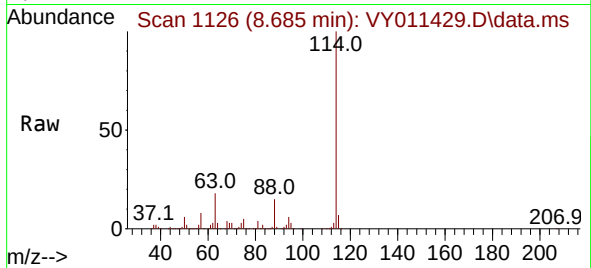




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

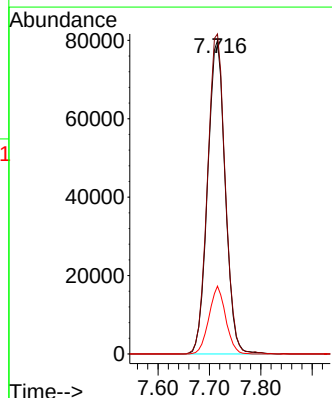
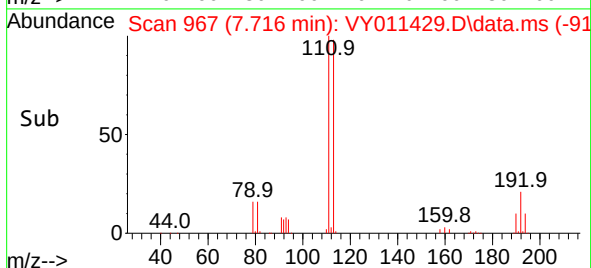
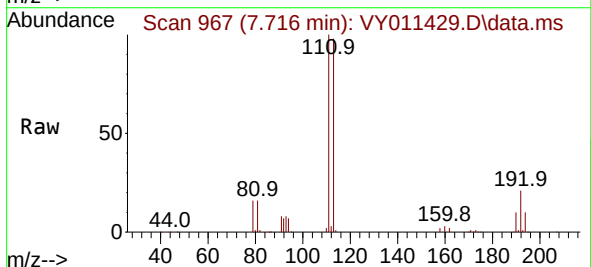
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

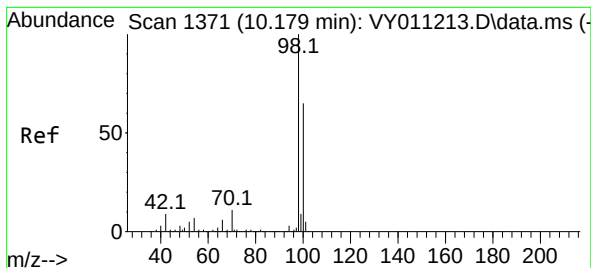
Tgt Ion:114 Resp: 523322
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 64.691 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion:113 Resp: 189728
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.5 17.6 26.4





#50

Toluene-d8

Concen: 59.443 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011429.D

Acq: 11 Nov 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

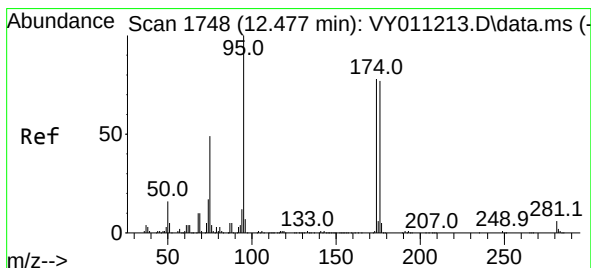
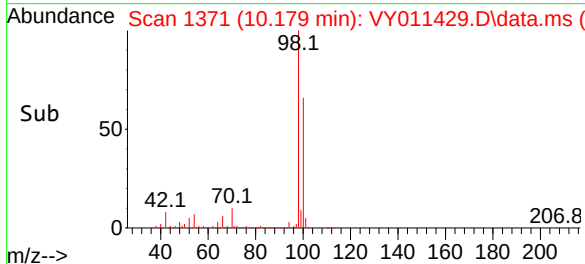
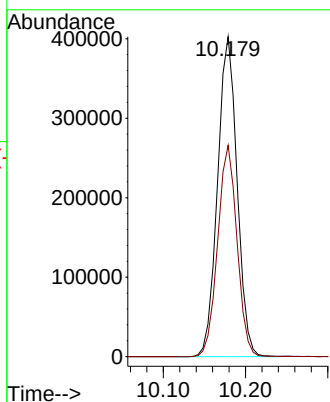
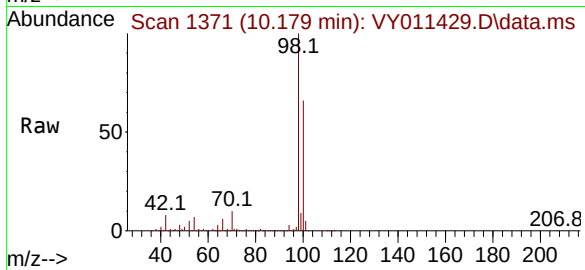
OK-1-111022

Tgt Ion: 98 Resp: 666012

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 50.324 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011429.D

Acq: 11 Nov 2022 19:11

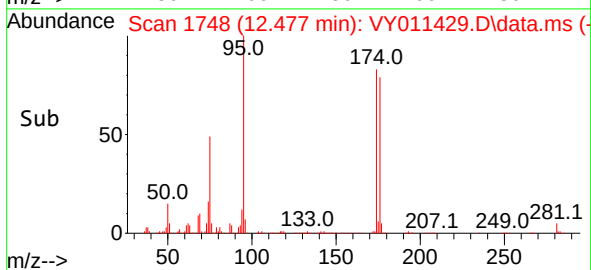
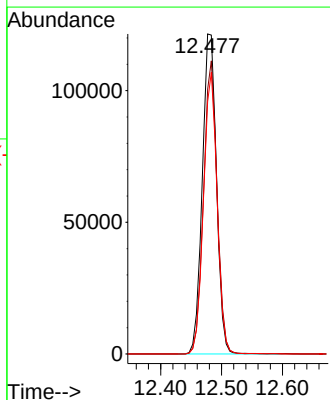
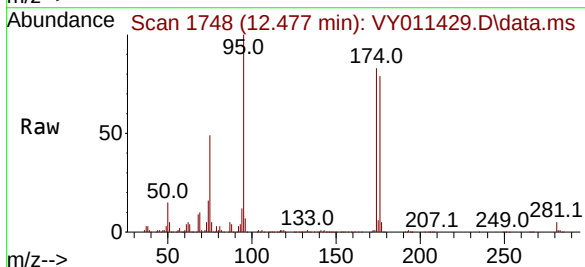
Tgt Ion: 95 Resp: 196662

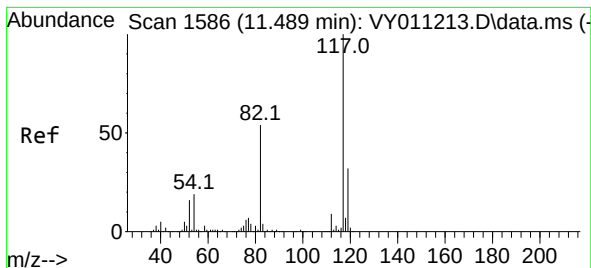
Ion Ratio Lower Upper

95 100

174 87.9 0.0 177.0

176 84.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011429.D

Acq: 11 Nov 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-111022

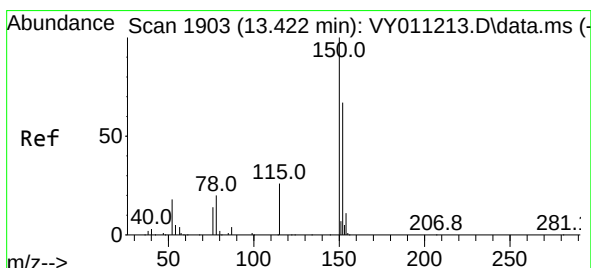
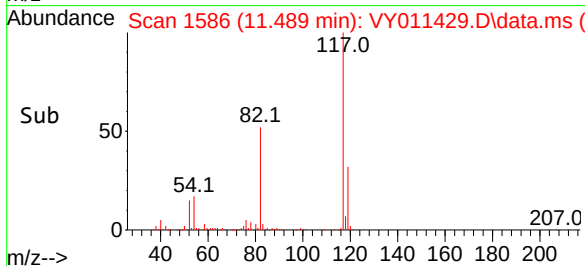
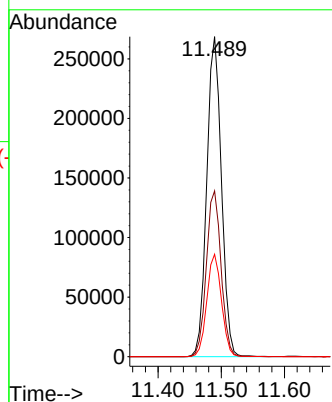
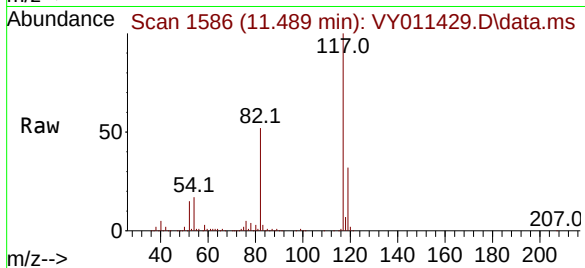
Tgt Ion:117 Resp: 433891

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011429.D

Acq: 11 Nov 2022 19:11

Tgt Ion:152 Resp: 171423

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 156.7 0.0 347.6

