

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011305.D
 Acq On : 04 Nov 2022 18:16
 Operator : KP/MD
 Sample : N5310-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-7

Quant Time: Nov 07 01:53:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	308675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	519249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	463688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	209665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156916	47.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.716	113	168585	50.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	598604	46.214	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.477	95	211244	46.977	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.960%

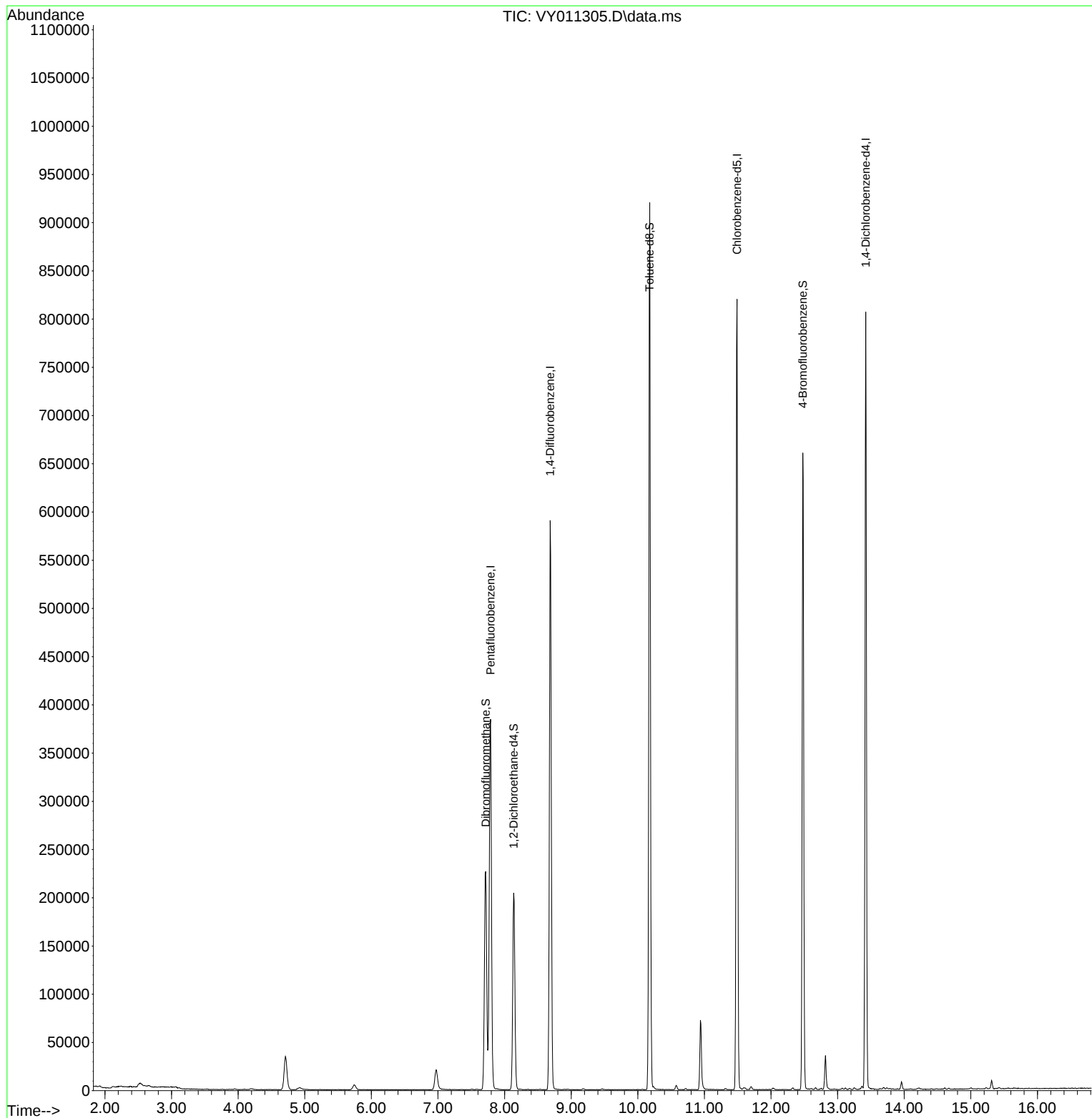
Target Compounds	Qvalue

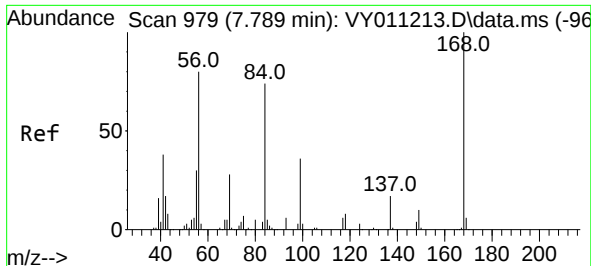
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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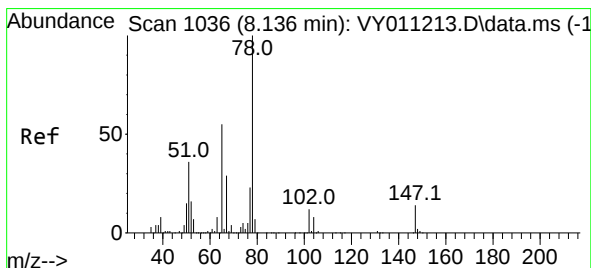
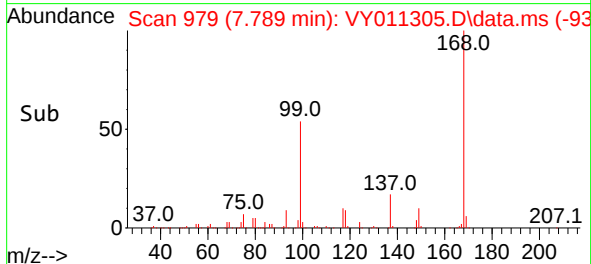
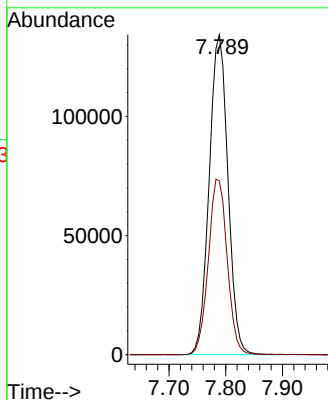
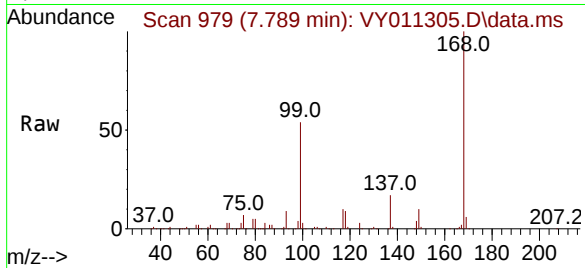




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011305.D
Acq: 04 Nov 2022 18:16

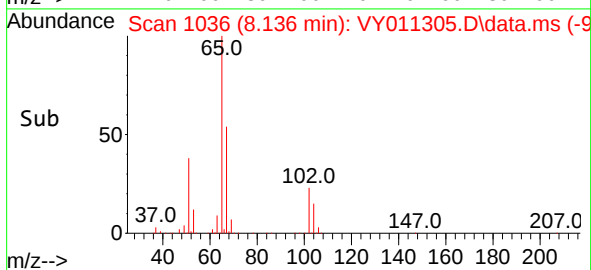
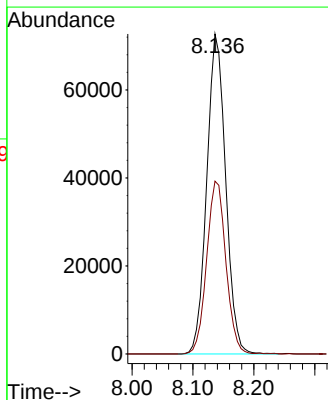
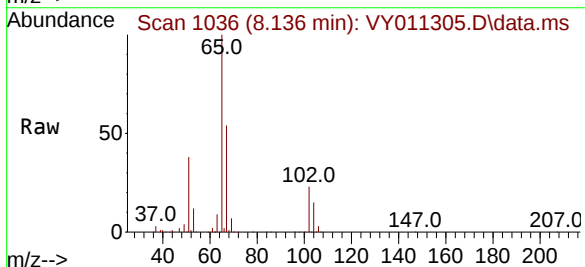
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-7

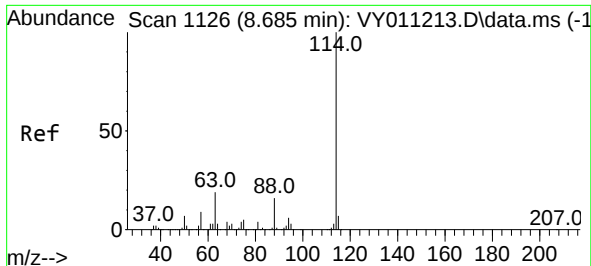
Tgt Ion:168 Resp: 308675
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.532 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011305.D
Acq: 04 Nov 2022 18:16

Tgt Ion: 65 Resp: 156916
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

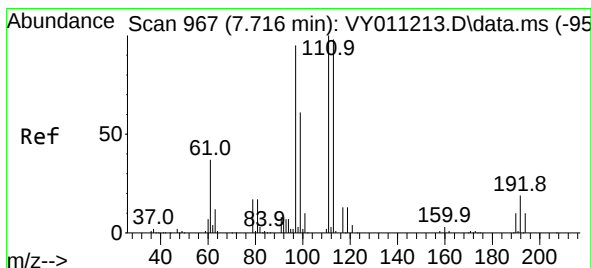
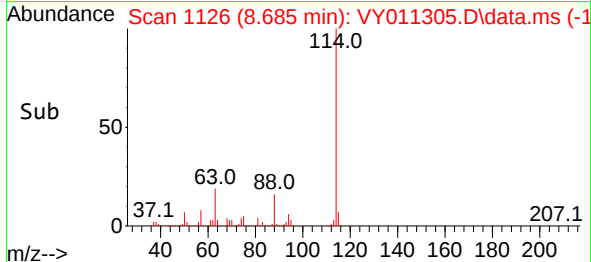
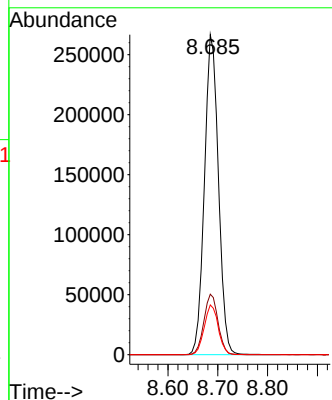
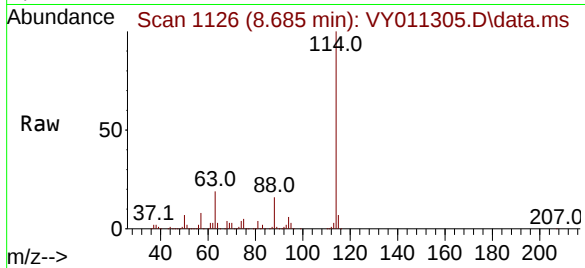




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011305.D
Acq: 04 Nov 2022 18:16

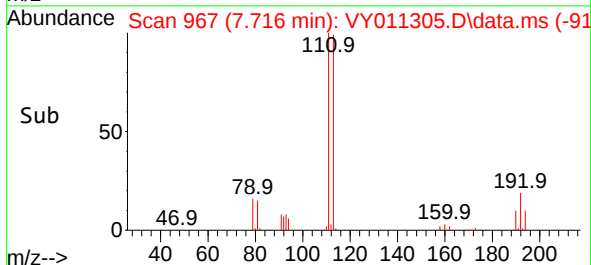
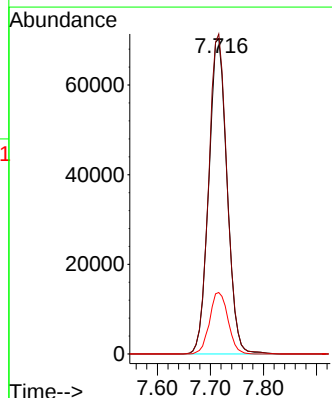
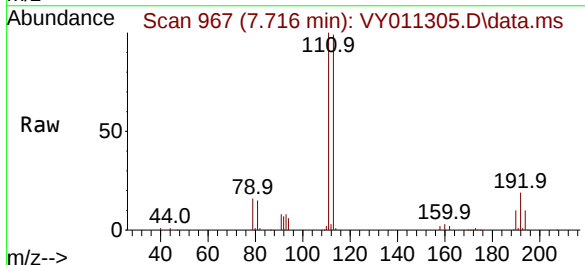
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-7

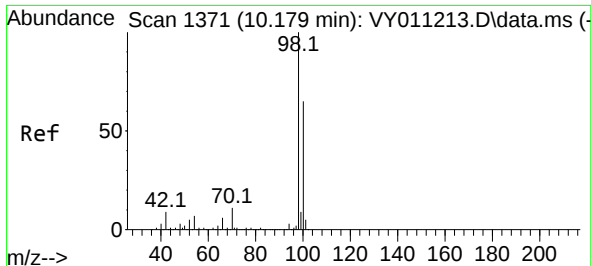
Tgt Ion:114 Resp: 519249
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.533 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011305.D
Acq: 04 Nov 2022 18:16

Tgt Ion:113 Resp: 168585
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.7 17.6 26.4

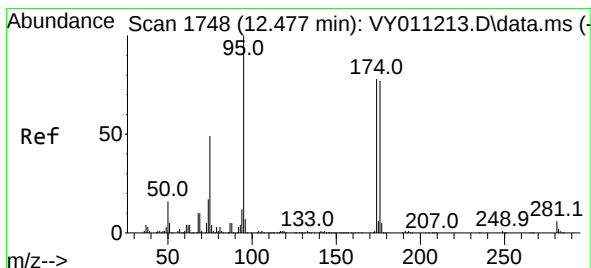
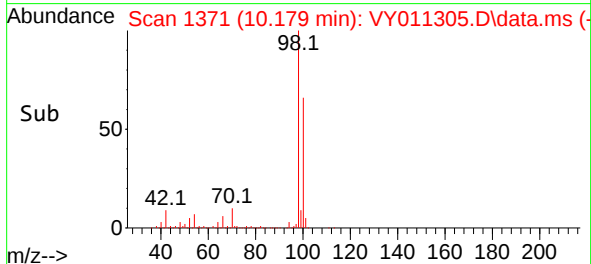
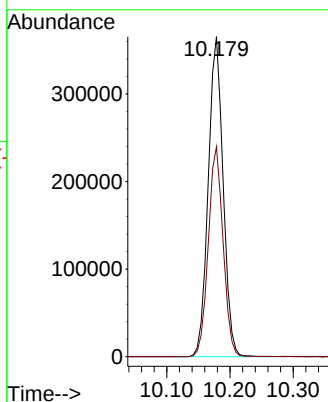
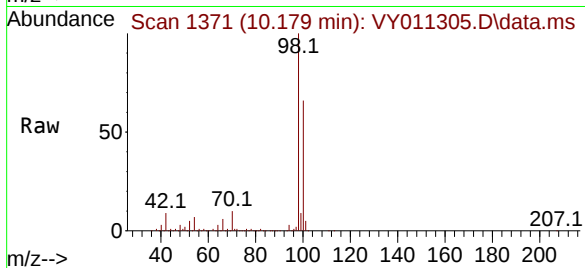




#50
Toluene-d8
Concen: 46.214 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011305.D
Acq: 04 Nov 2022 18:16

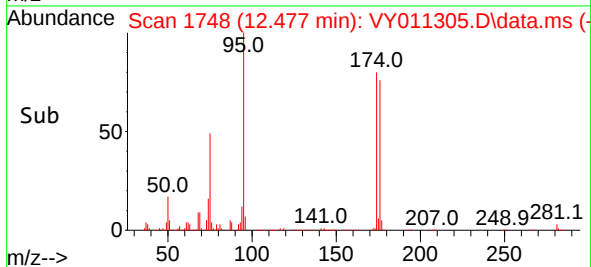
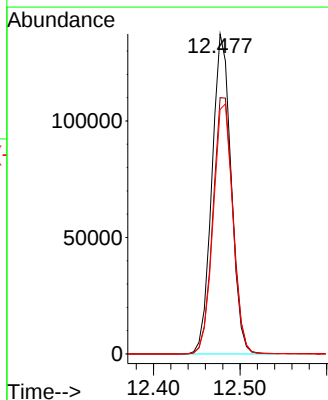
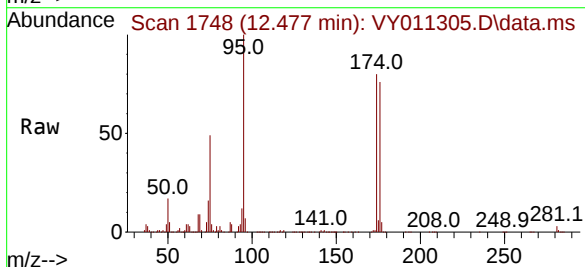
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-7

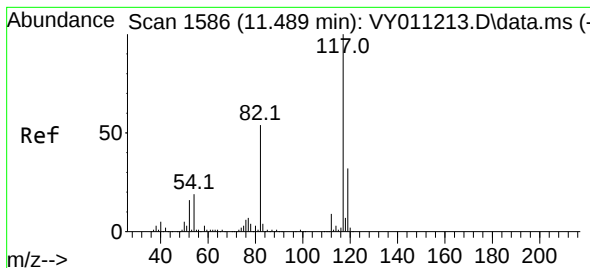
Tgt Ion: 98 Resp: 598604
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.977 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011305.D
Acq: 04 Nov 2022 18:16

Tgt Ion: 95 Resp: 211244
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 80.3 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: VY011305.D

Acq: 04 Nov 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-7

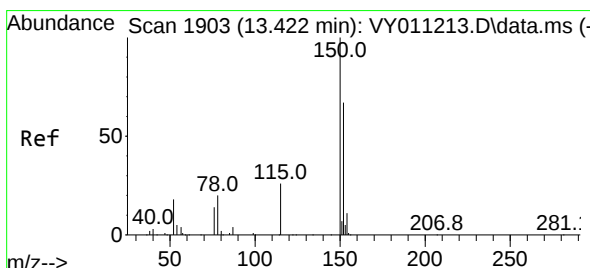
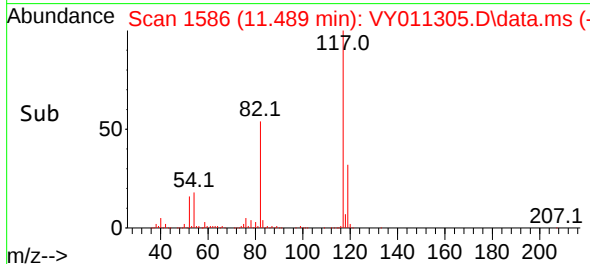
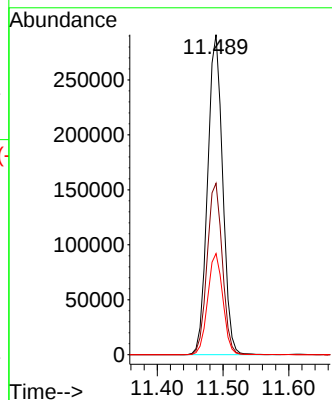
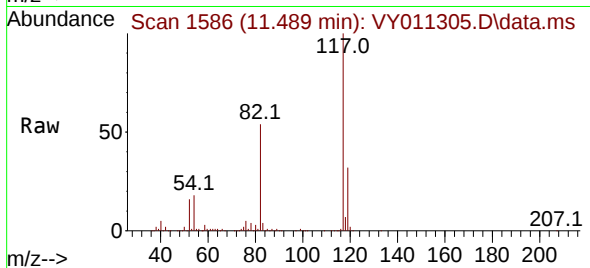
Tgt Ion:117 Resp: 463688

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 31.6 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: VY011305.D

Acq: 04 Nov 2022 18:16

Tgt Ion:152 Resp: 209665

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 156.2 0.0 347.6

