

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012032.D
 Acq On : 29 Dec 2022 16:49
 Operator : KP/MD
 Sample : N6229-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-122822RE

Quant Time: Dec 30 04:00:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	3419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2595	75.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.680%
35) Dibromofluoromethane	7.722	113	888	24.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.420%#
50) Toluene-d8	10.179	98	7249	48.716	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.483	95	2061	41.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.360%

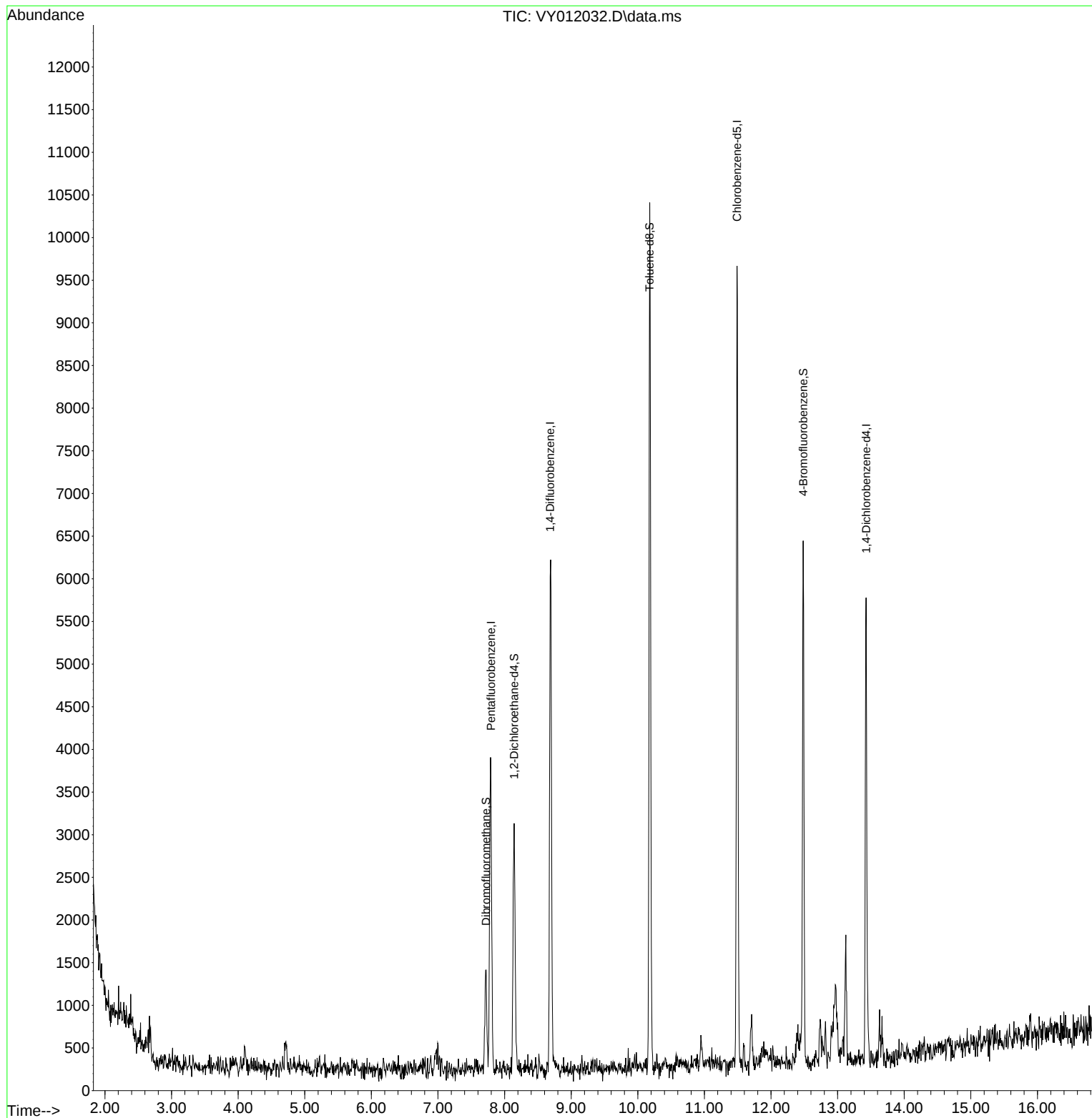
Target Compounds	Qvalue

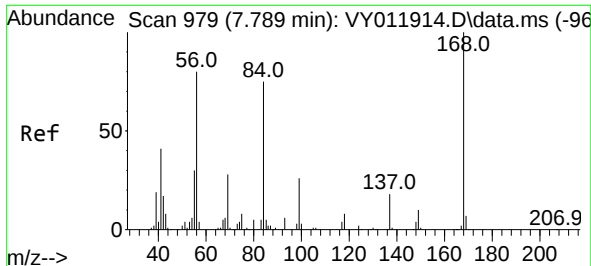
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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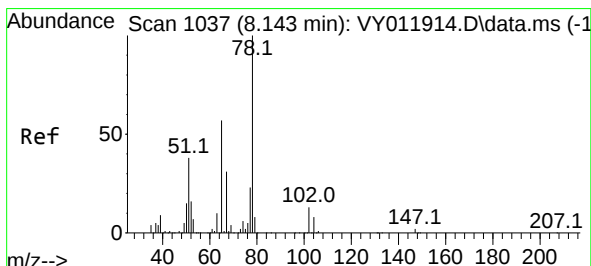
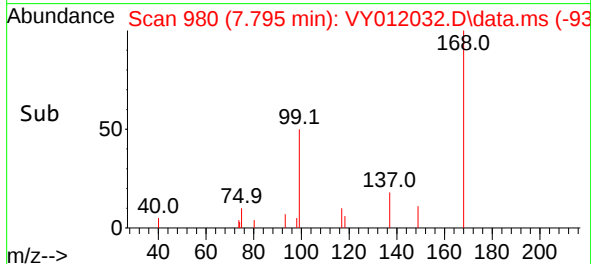
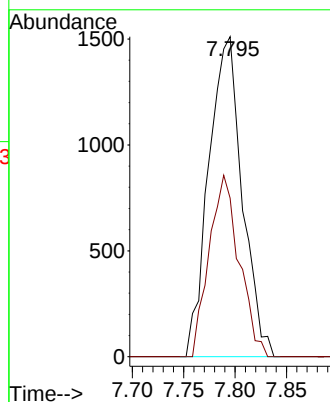
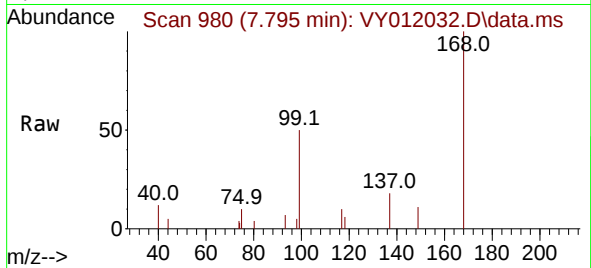




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012032.D
Acq: 29 Dec 2022 16:49

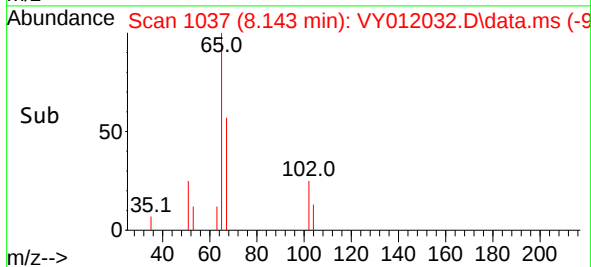
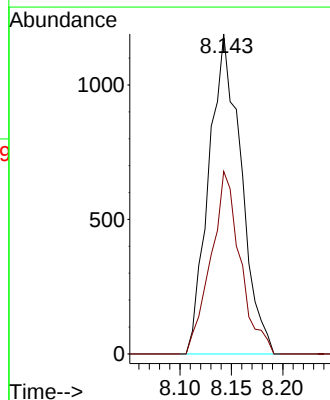
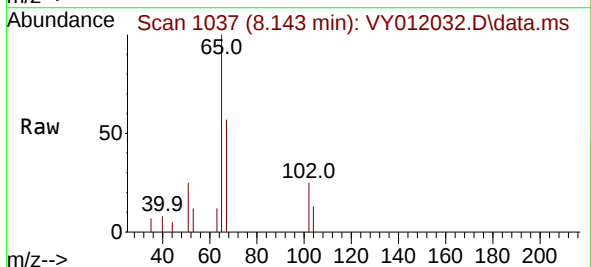
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-122822RE

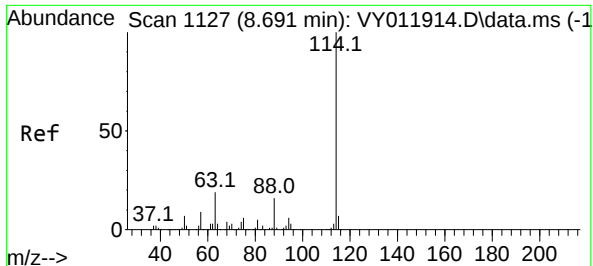
Tgt Ion:168 Resp: 3419
Ion Ratio Lower Upper
168 100
99 49.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 75.336 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012032.D
Acq: 29 Dec 2022 16:49

Tgt Ion: 65 Resp: 2595
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012032.D

Acq: 29 Dec 2022 16:49

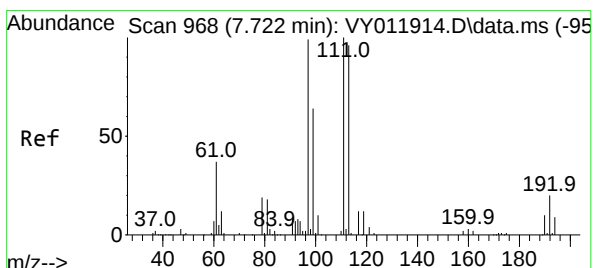
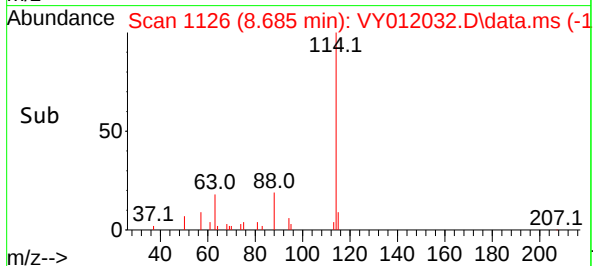
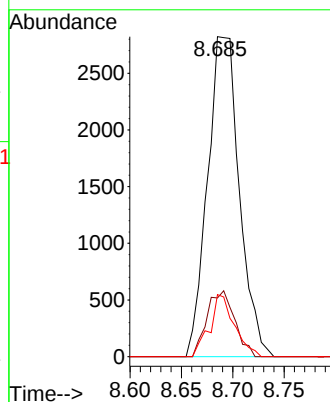
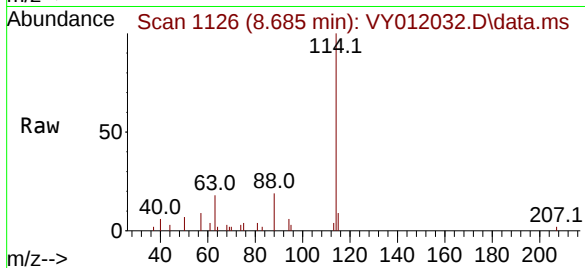
Instrument :

MSVOA_Y

ClientSampleId :

NB-8-122822RE

Tgt Ion:114	Resp:	6092
Ion	Ratio	Lower Upper
114	100	
63	18.3	0.0 39.6
88	19.4	0.0 32.2



#35

Dibromofluoromethane

Concen: 24.212 ug/l

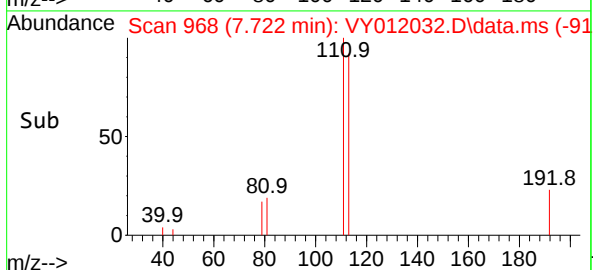
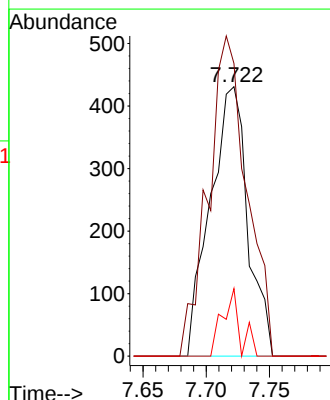
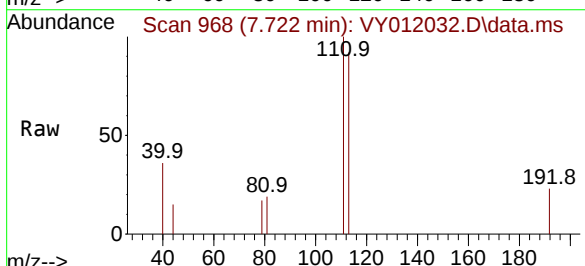
RT: 7.722 min Scan# 968

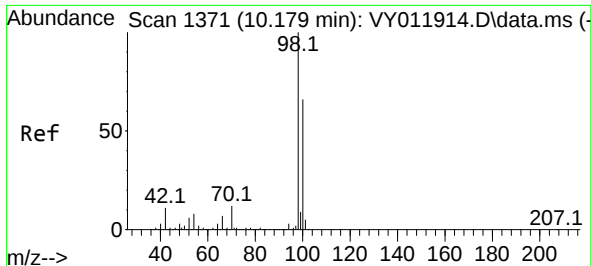
Delta R.T. 0.006 min

Lab File: VY012032.D

Acq: 29 Dec 2022 16:49

Tgt Ion:113	Resp:	888
Ion	Ratio	Lower Upper
113	100	
111	122.4	83.0 124.4
192	11.8	16.0 24.0#

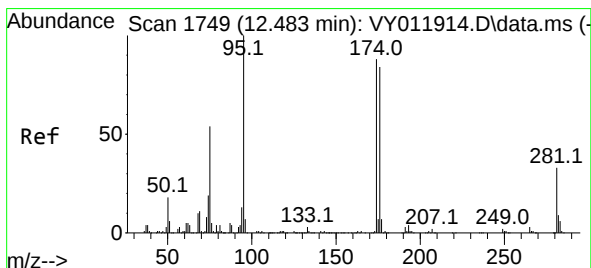
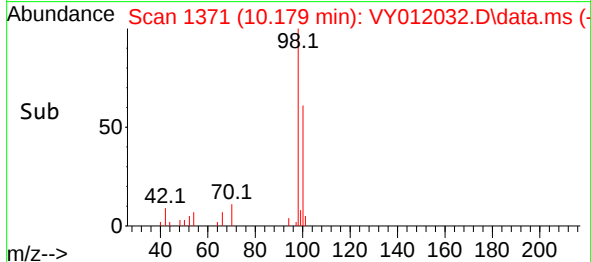
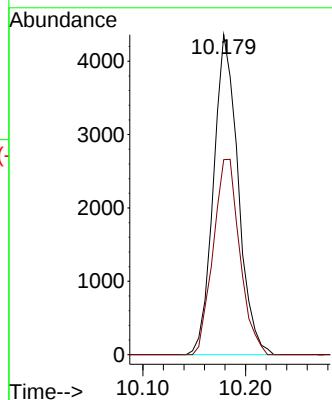
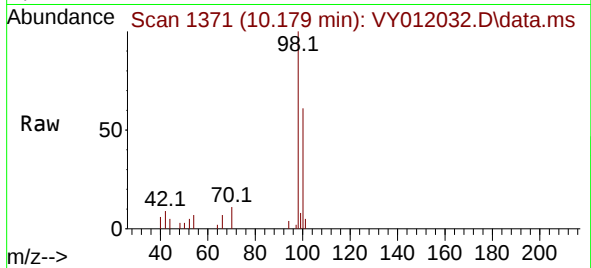




#50
Toluene-d8
Concen: 48.716 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012032.D
Acq: 29 Dec 2022 16:49

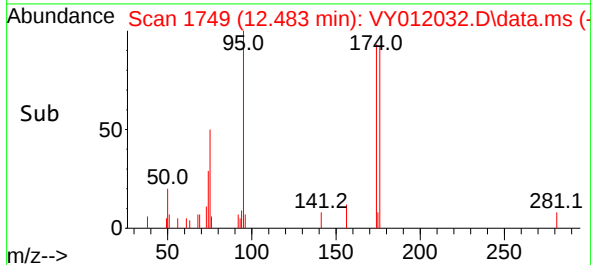
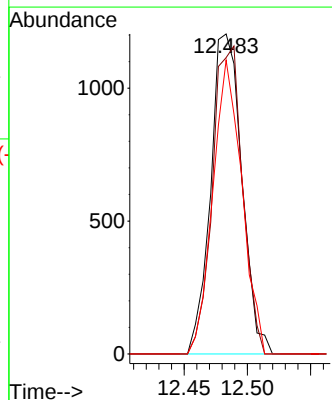
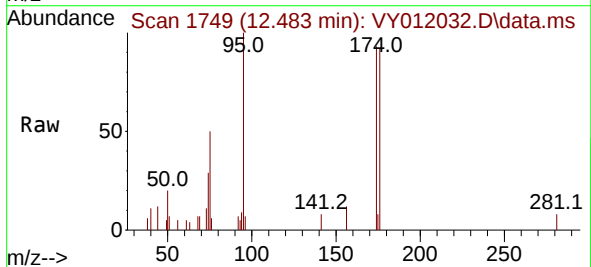
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-122822RE

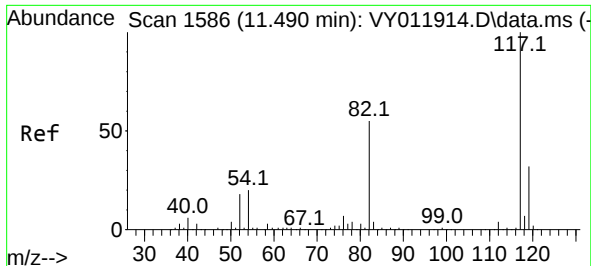
Tgt Ion: 98 Resp: 7249
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012032.D
Acq: 29 Dec 2022 16:49

Tgt Ion: 95 Resp: 2061
Ion Ratio Lower Upper
95 100
174 93.0 0.0 172.0
176 85.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012032.D

Acq: 29 Dec 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

NB-8-122822RE

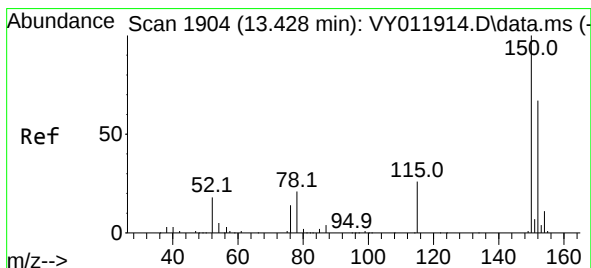
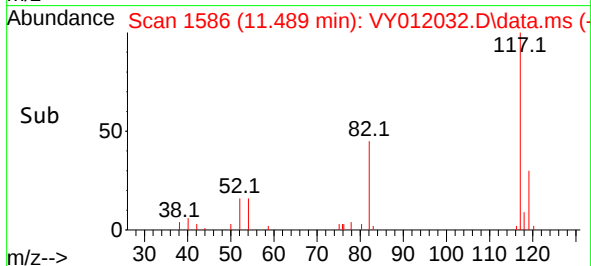
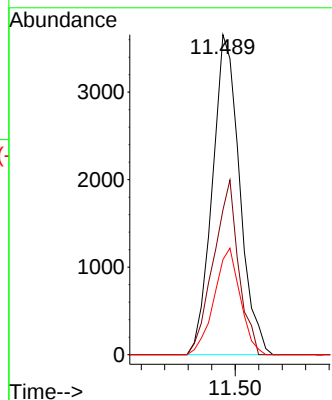
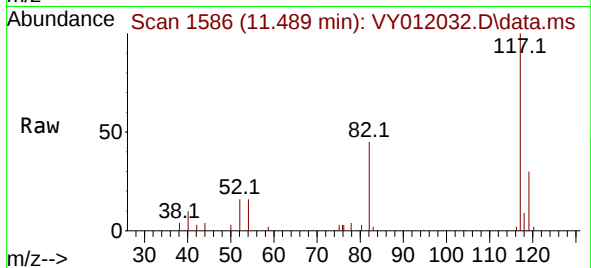
Tgt Ion:117 Resp: 5884

Ion Ratio Lower Upper

117 100

82 45.2 44.8 67.2

119 29.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012032.D

Acq: 29 Dec 2022 16:49

Tgt Ion:152 Resp: 1803

Ion Ratio Lower Upper

152 100

115 55.0 29.1 87.3

150 145.3 0.0 342.6

