

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012123.D
 Acq On : 09 Jan 2023 20:05
 Operator : KP/MD
 Sample : 01057-02
 Misc : 6.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-1

Quant Time: Jan 10 01:51:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	188121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76537	36.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.420%
35) Dibromofluoromethane	7.716	113	78586	40.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.300%
50) Toluene-d8	10.179	98	340196	44.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.180%
62) 4-Bromofluorobenzene	12.483	95	86398	32.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.780%

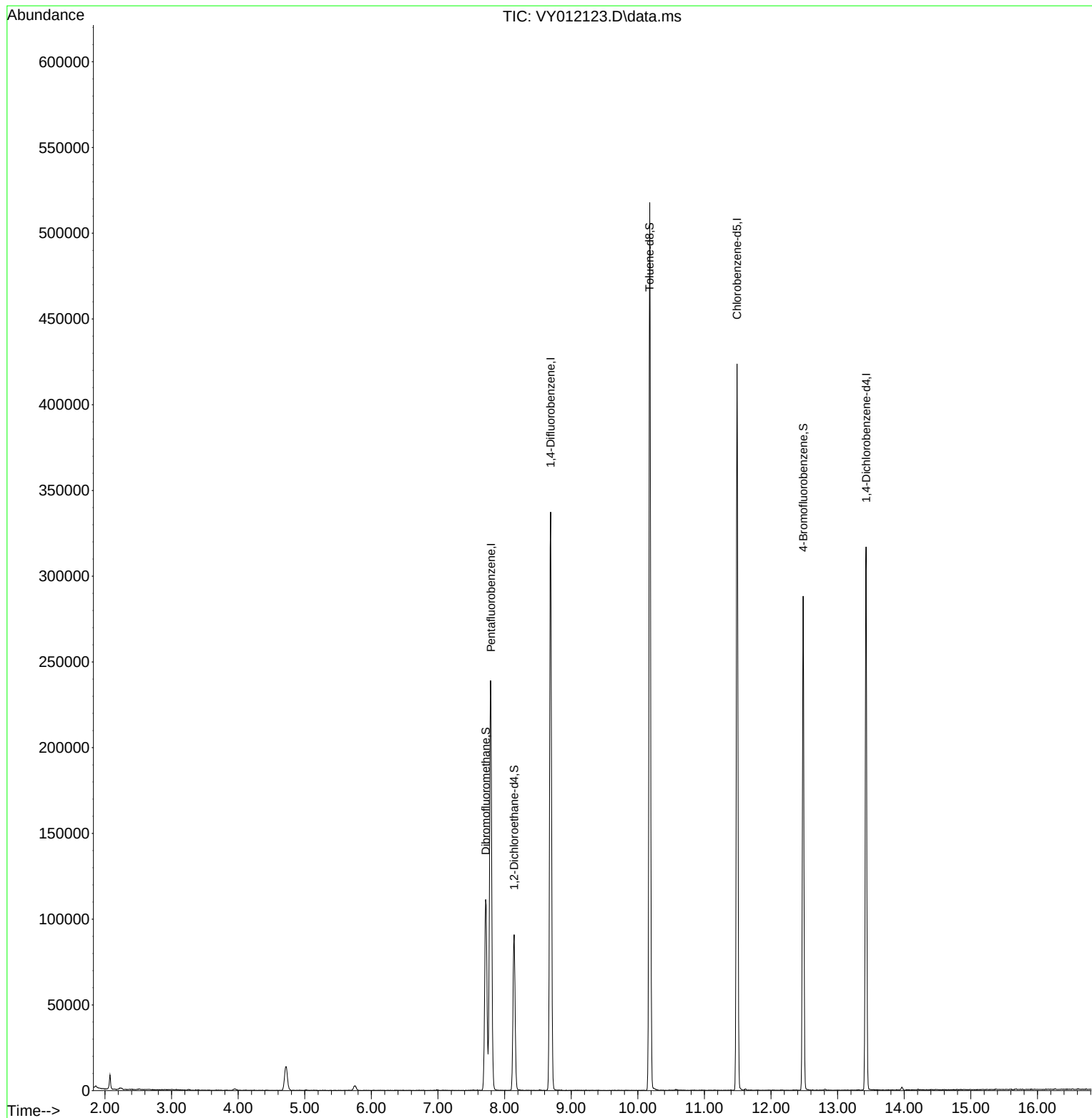
Target Compounds	Qvalue

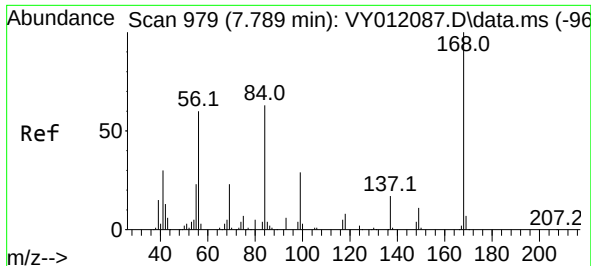
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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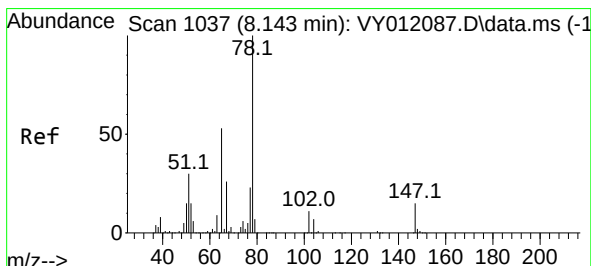
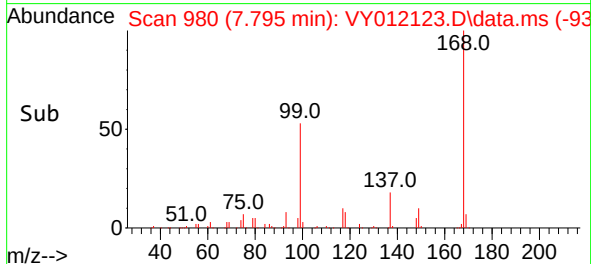
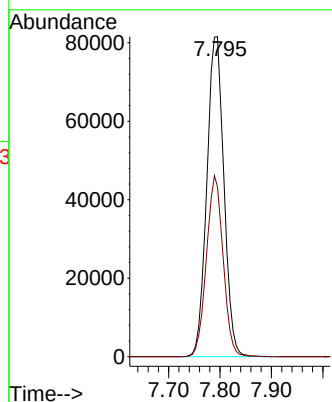
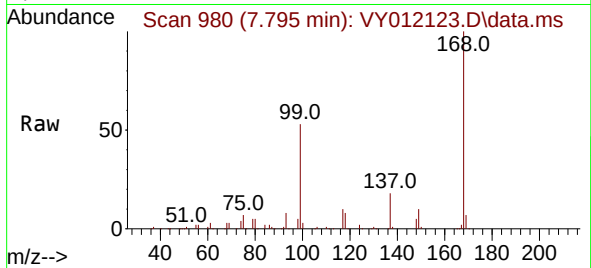




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012123.D
Acq: 09 Jan 2023 20:05

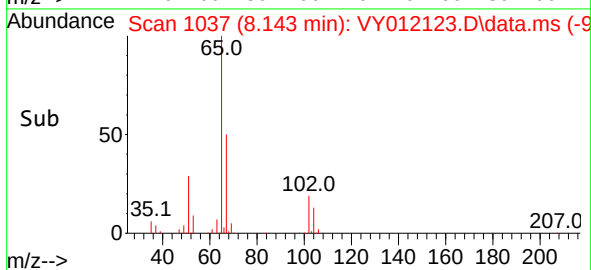
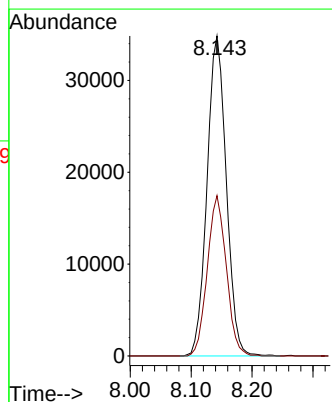
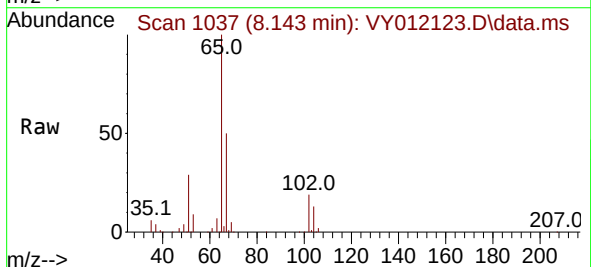
Instrument :
MSVOA_Y
ClientSampleId :
VOC-1

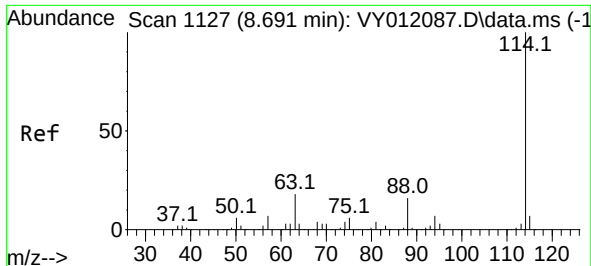
Tgt Ion:168 Resp: 188121
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 36.208 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012123.D
Acq: 09 Jan 2023 20:05

Tgt Ion: 65 Resp: 76537
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012123.D

Acq: 09 Jan 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VOC-1

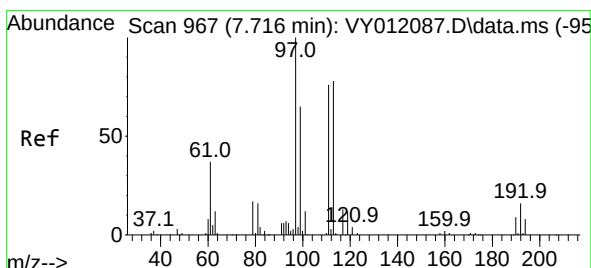
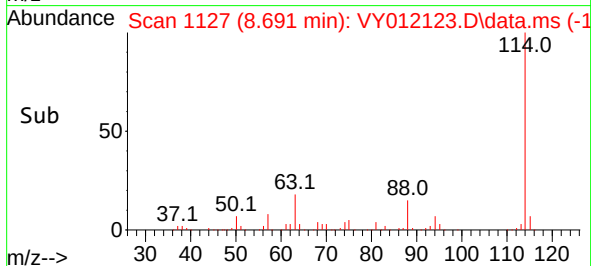
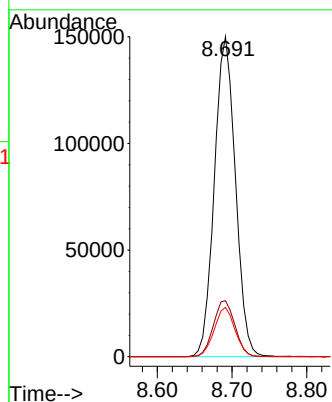
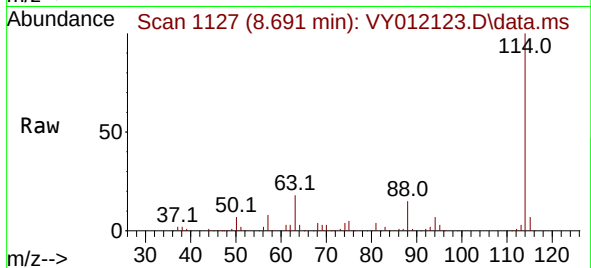
Tgt Ion:114 Resp: 294111

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 40.652 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012123.D

Acq: 09 Jan 2023 20:05

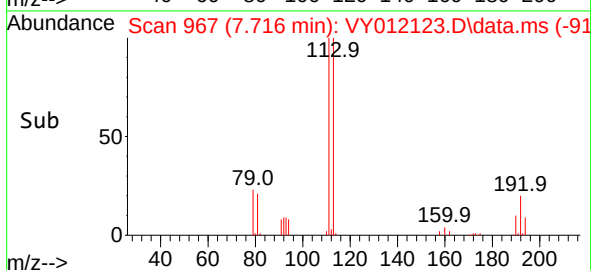
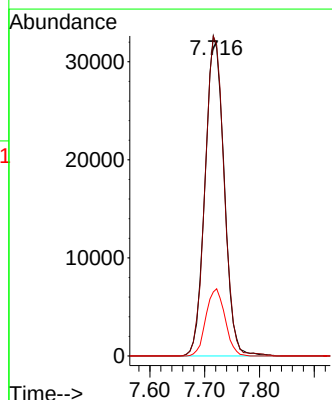
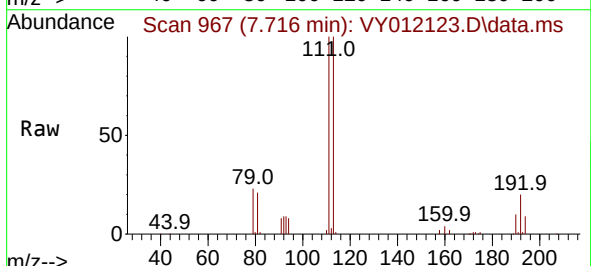
Tgt Ion:113 Resp: 78586

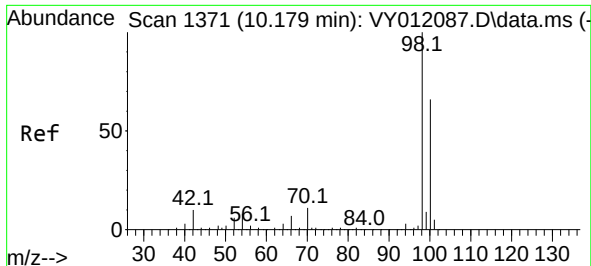
Ion Ratio Lower Upper

113 100

111 100.1 83.0 124.4

192 21.0 16.0 24.0

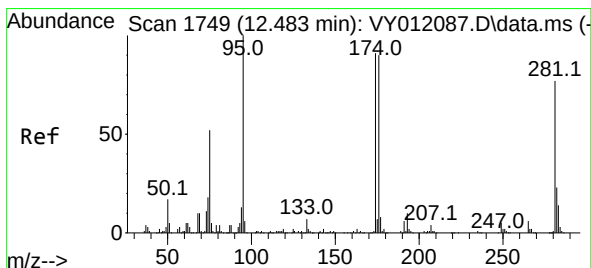
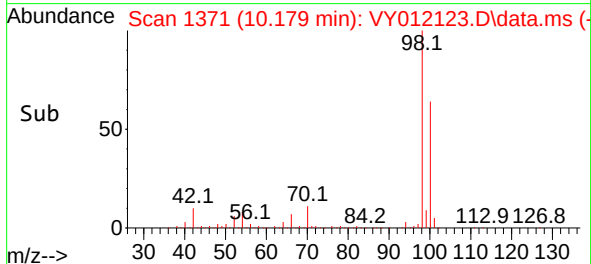
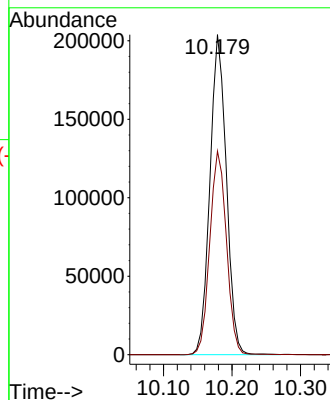
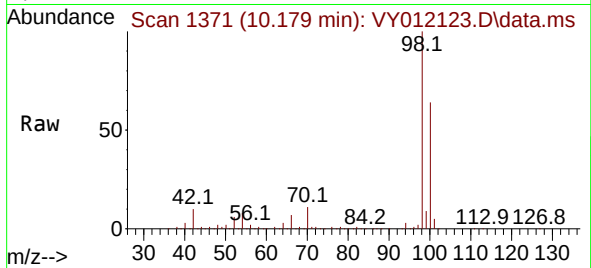




#50
Toluene-d8
Concen: 44.586 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012123.D
Acq: 09 Jan 2023 20:05

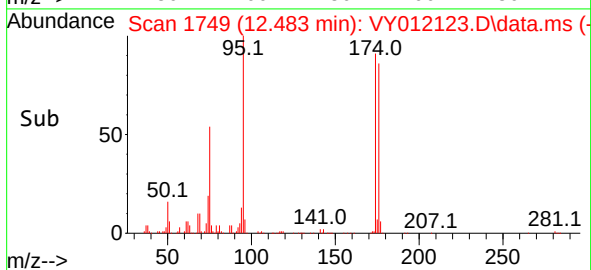
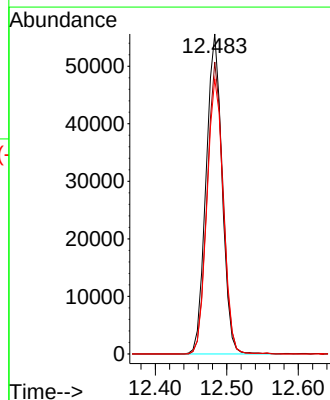
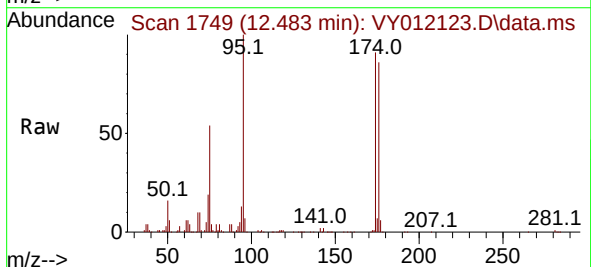
Instrument :
MSVOA_Y
ClientSampleId :
VOC-1

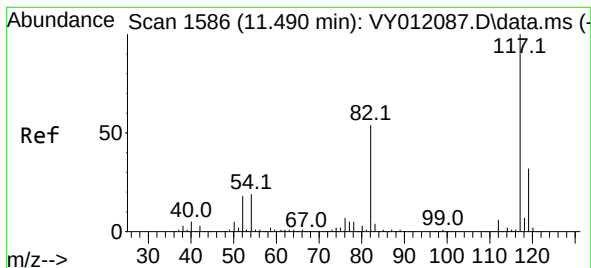
Tgt Ion: 98 Resp: 340196
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 32.394 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012123.D
Acq: 09 Jan 2023 20:05

Tgt Ion: 95 Resp: 86398
Ion Ratio Lower Upper
95 100
174 91.2 0.0 172.0
176 87.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012123.D

Acq: 09 Jan 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VOC-1

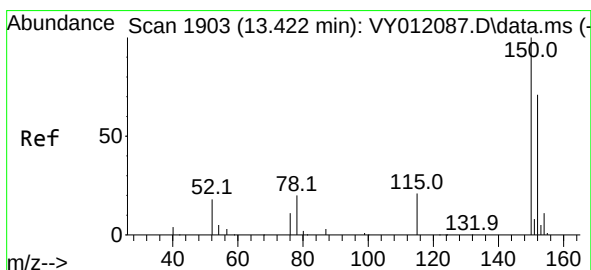
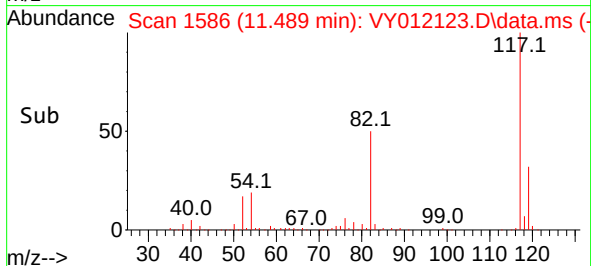
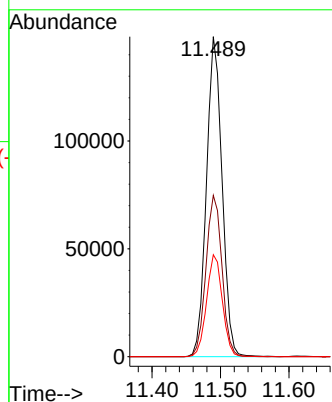
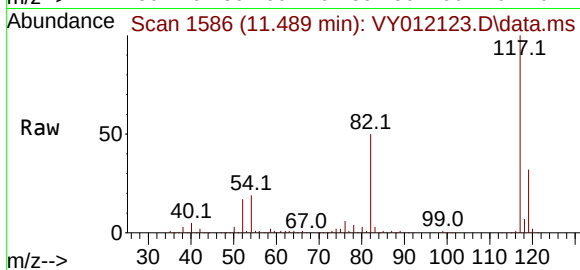
Tgt Ion:117 Resp: 235662

Ion Ratio Lower Upper

117 100

82 50.4 44.8 67.2

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012123.D

Acq: 09 Jan 2023 20:05

Tgt Ion:152 Resp: 84806

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 157.3 0.0 342.6

