

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018411.D
 Acq On : 30 May 2024 13:53
 Operator : SY/MD
 Sample : P2646-03
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPS-VOC

Quant Time: May 31 01:01:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	92125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	190323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55426	63.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.000%
35) Dibromofluoromethane	7.710	113	57036	51.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.780%
50) Toluene-d8	10.179	98	226767	52.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.477	95	66634	49.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.680%

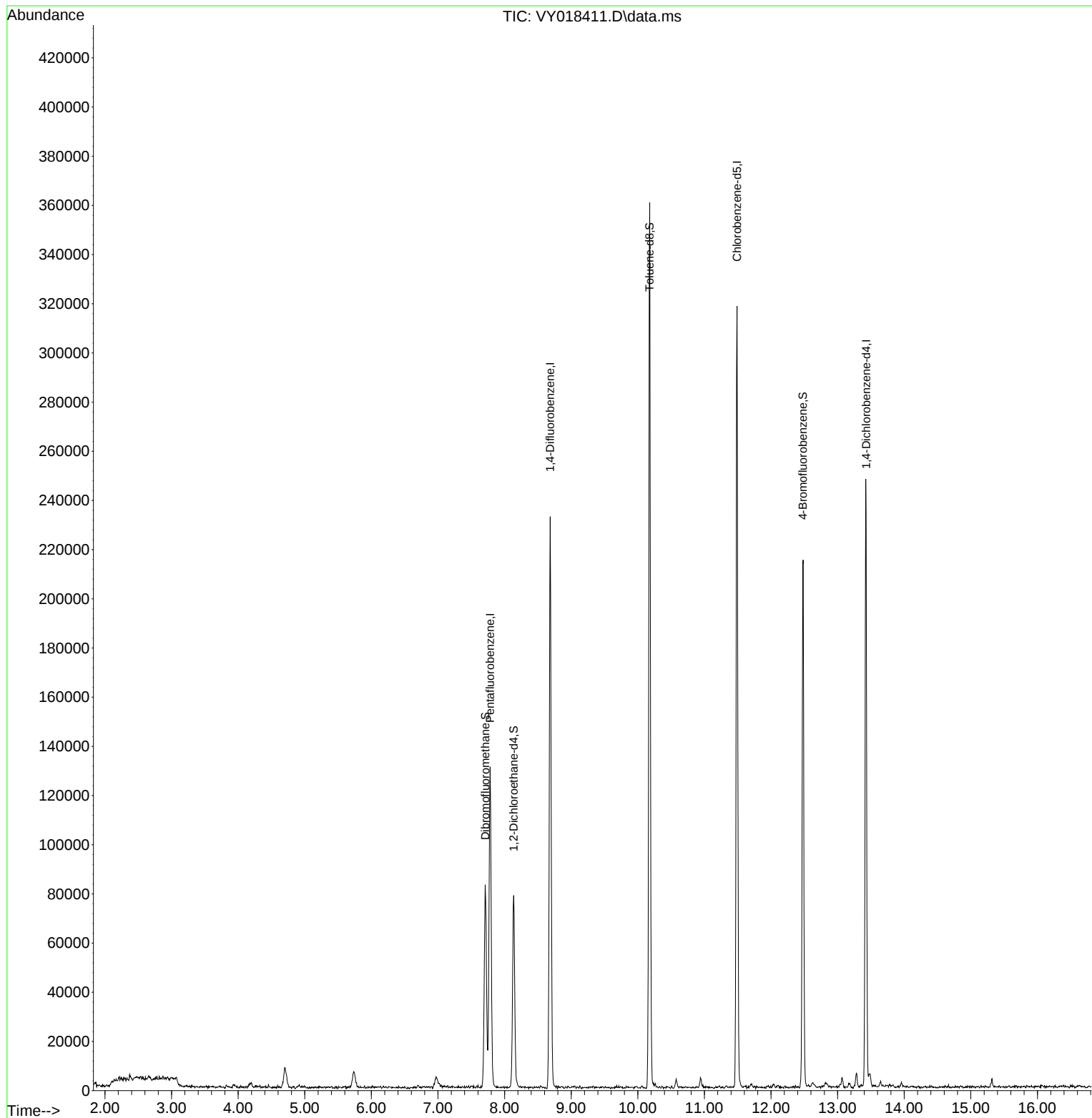
Target Compounds	Qvalue

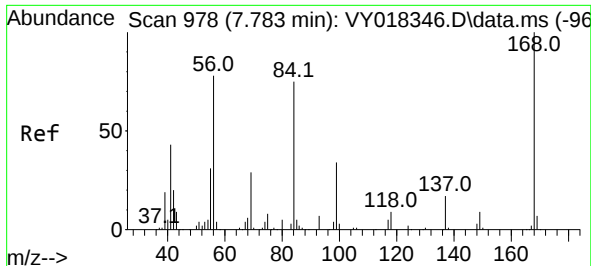
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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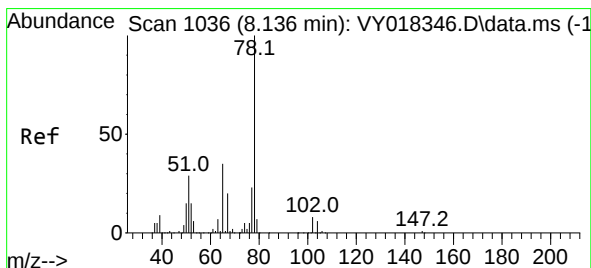
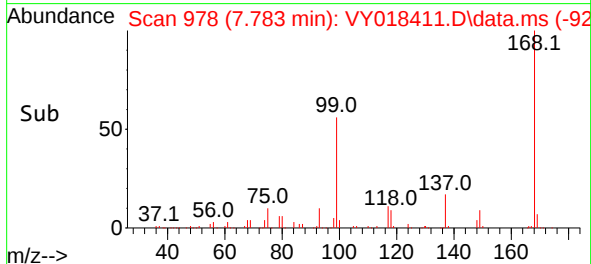
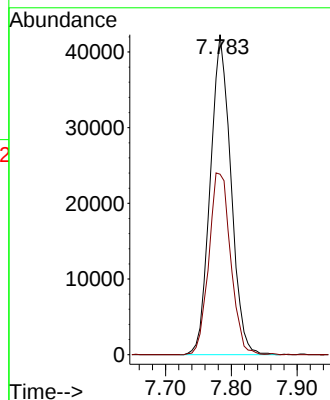
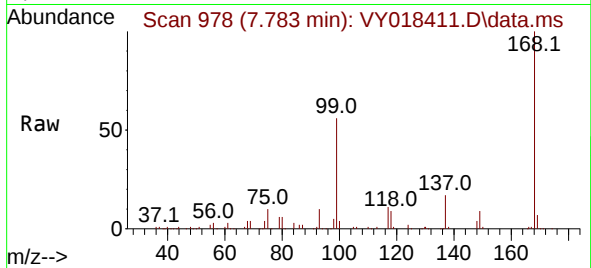




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

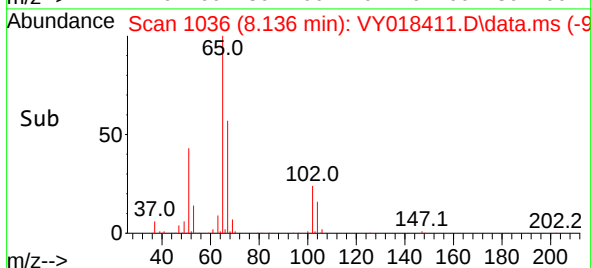
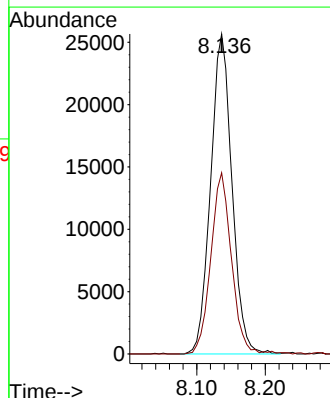
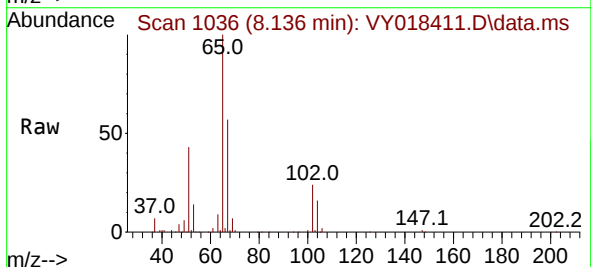
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPS-VOC

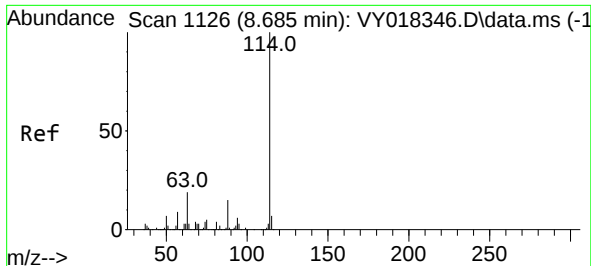
Tgt Ion:168 Resp: 92125
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.503 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Tgt Ion: 65 Resp: 55426
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018411.D

Acq: 30 May 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPS-VOC

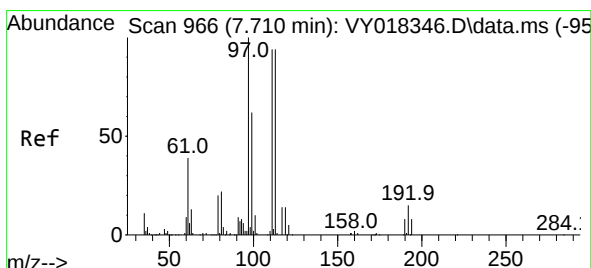
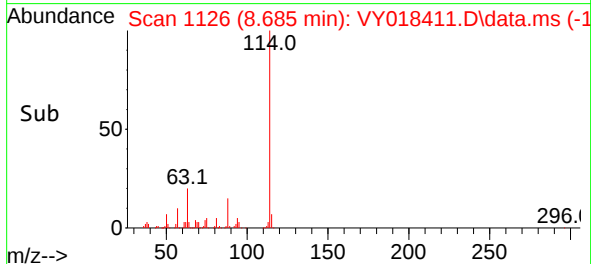
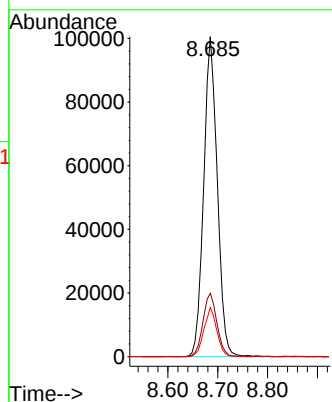
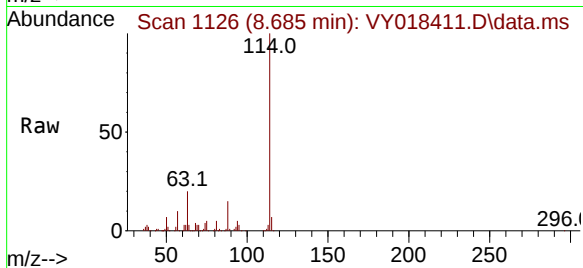
Tgt Ion:114 Resp: 190323

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.390 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018411.D

Acq: 30 May 2024 13:53

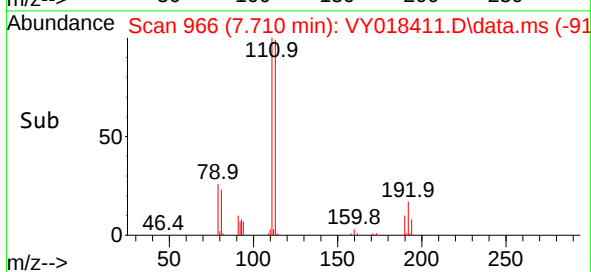
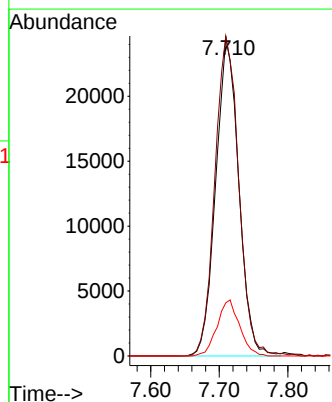
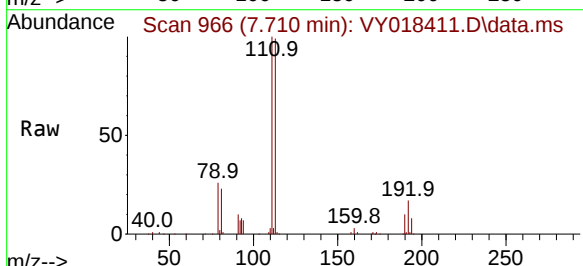
Tgt Ion:113 Resp: 57036

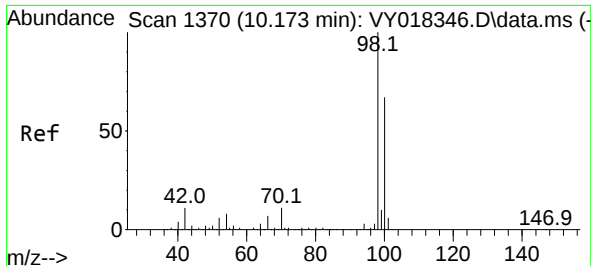
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 17.2 15.9 23.9

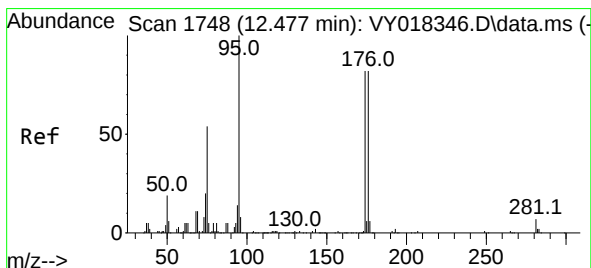
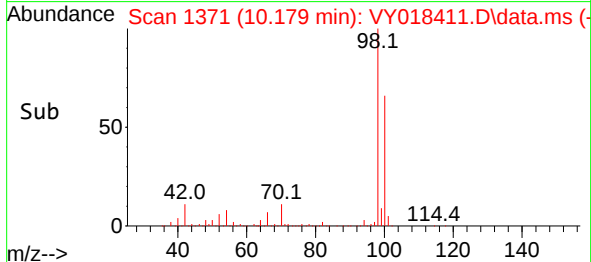
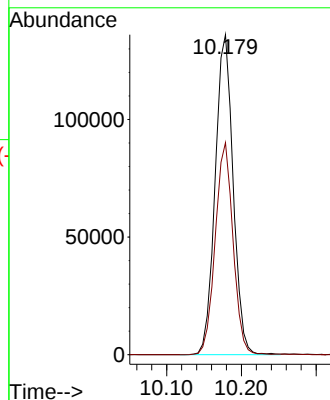
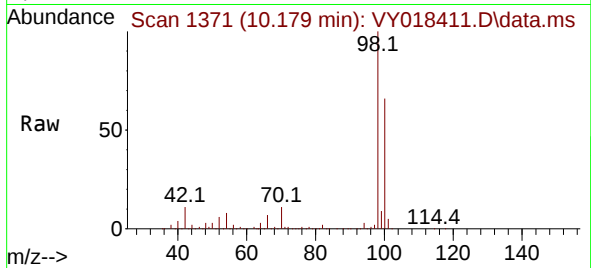




#50
Toluene-d8
Concen: 52.405 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

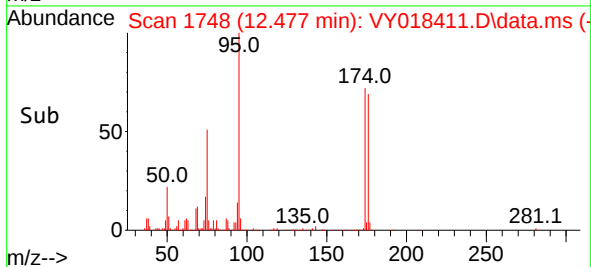
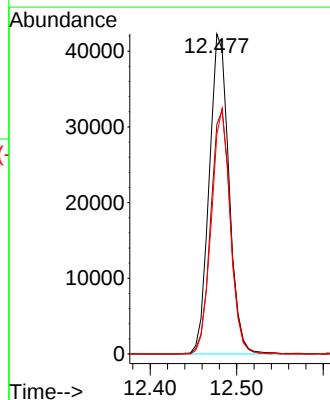
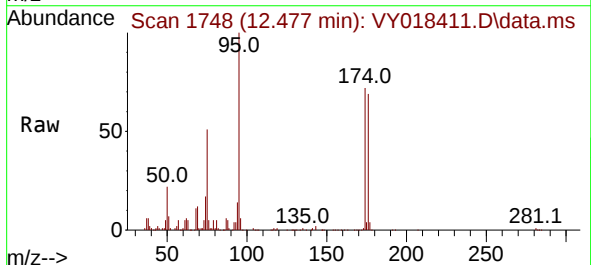
Instrument :
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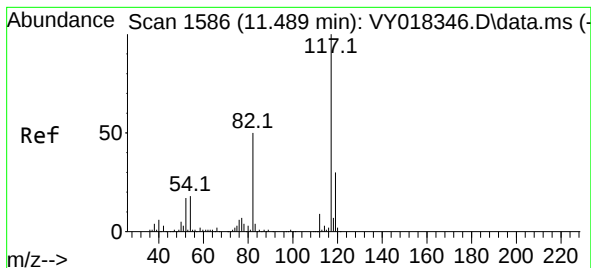
Tgt Ion: 98 Resp: 226767
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Tgt Ion: 95 Resp: 66634
Ion Ratio Lower Upper
95 100
174 77.1 0.0 175.6
176 73.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018411.D

Acq: 30 May 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPS-VOC

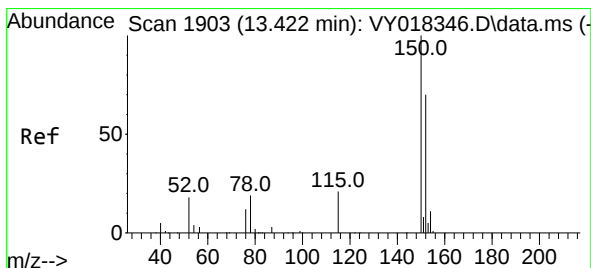
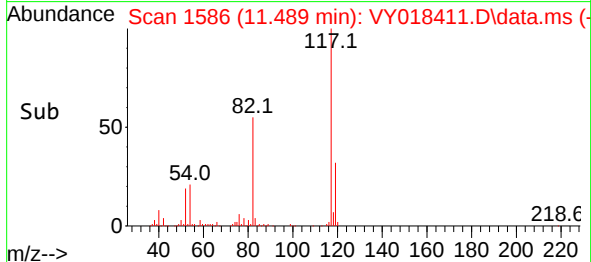
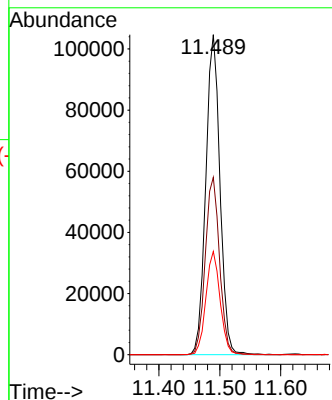
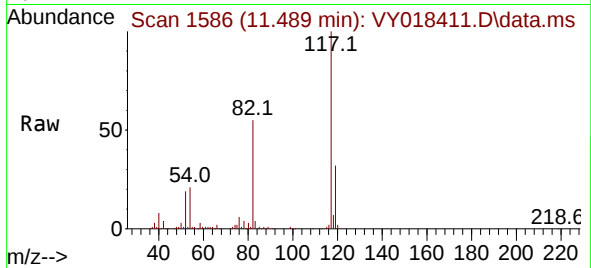
Tgt Ion:117 Resp: 169198

Ion Ratio Lower Upper

117 100

82 55.4 42.4 63.6

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018411.D

Acq: 30 May 2024 13:53

Tgt Ion:152 Resp: 60839

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 154.6 0.0 345.6

