

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018414.D
 Acq On : 30 May 2024 15:52
 Operator : SY/MD
 Sample : P2662-03
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPR-VOC

Quant Time: May 31 01:02:36 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	7.777	168	3347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3273	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	393	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1631	51.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.860%
35) Dibromofluoromethane	7.703	113	1665	50.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.179	98	5751	44.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.483	95	1156	29.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.140%

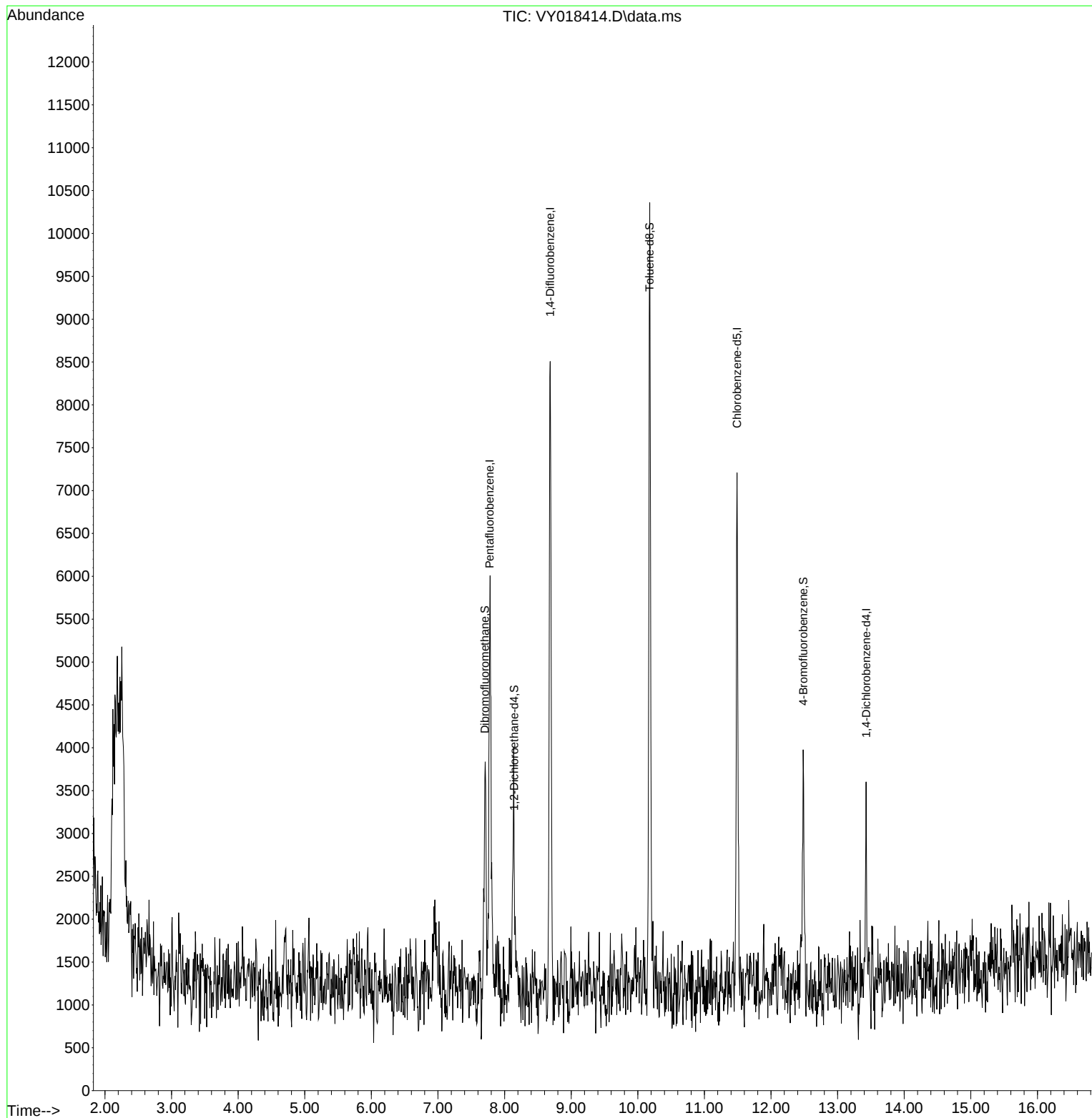
Target Compounds	Qvalue

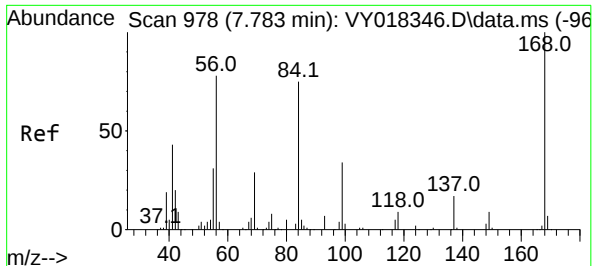
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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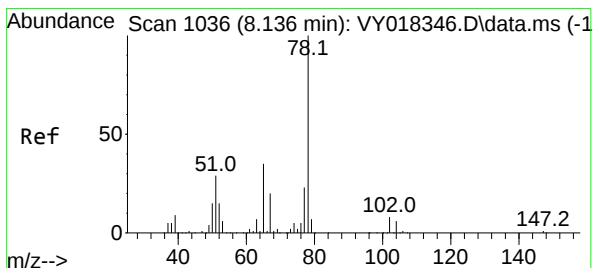
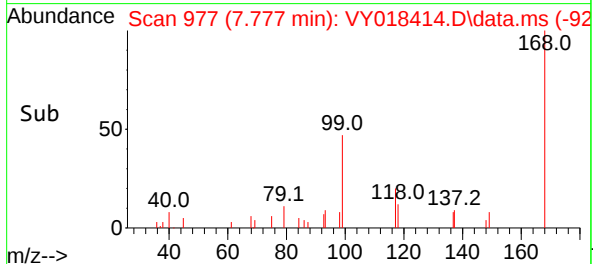
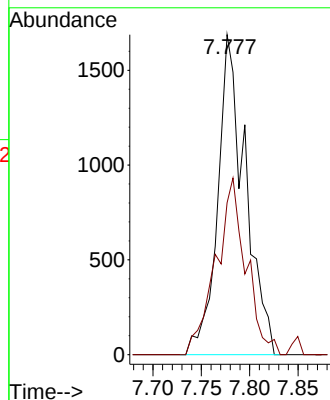
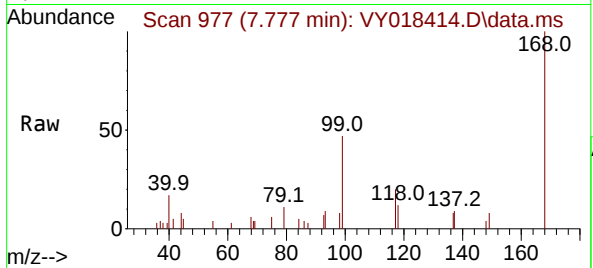




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

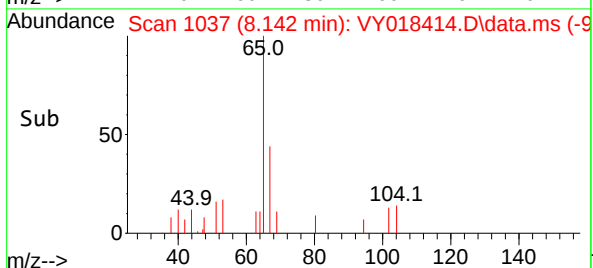
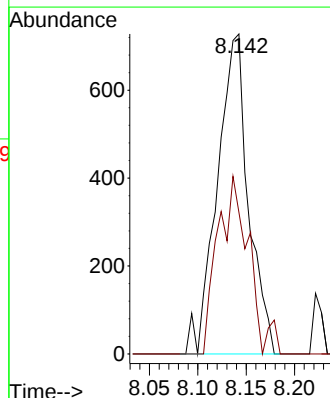
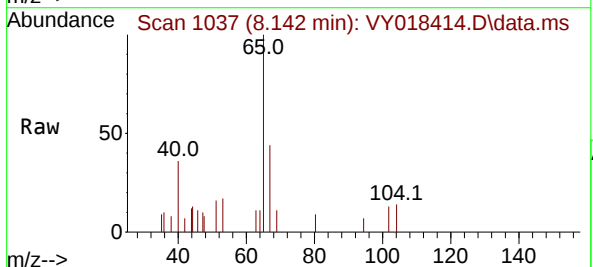
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPR-VOC

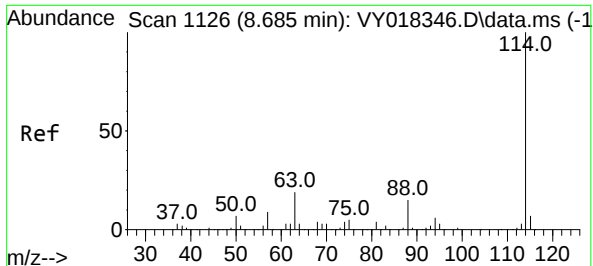
Tgt Ion:168 Resp: 3347
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.435 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion: 65 Resp: 1631
Ion Ratio Lower Upper
65 100
67 52.4 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: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPR-VOC

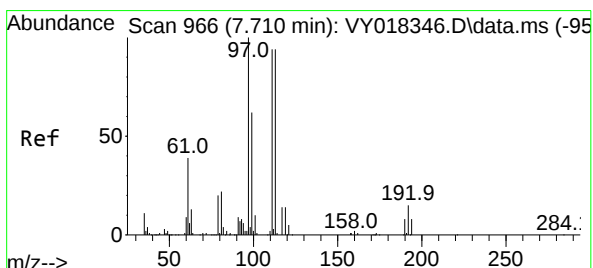
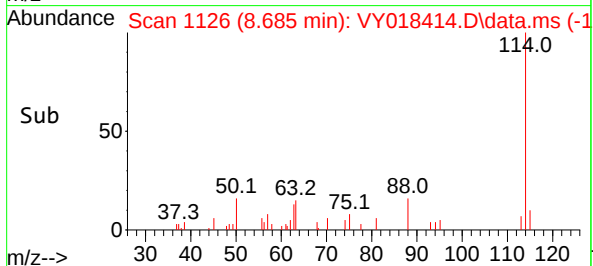
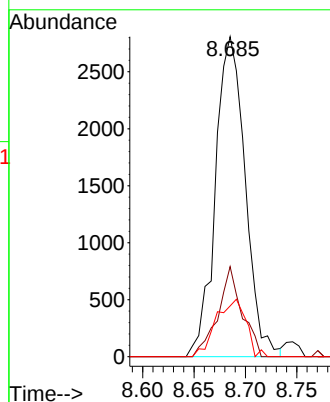
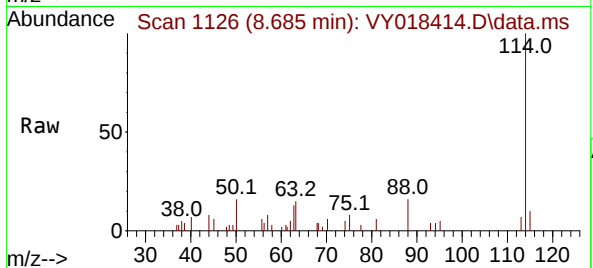
Tgt Ion:114 Resp: 5661

Ion Ratio Lower Upper

114 100

63 28.2 0.0 35.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.436 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

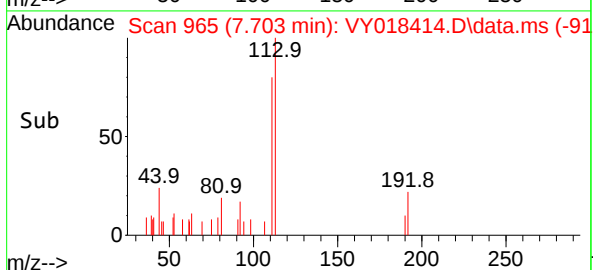
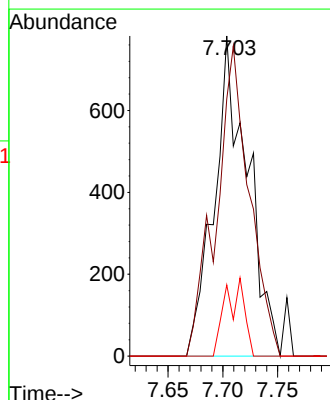
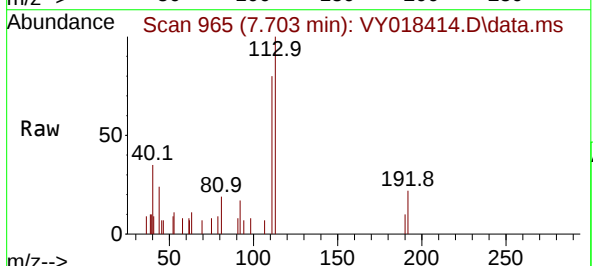
Tgt Ion:113 Resp: 1665

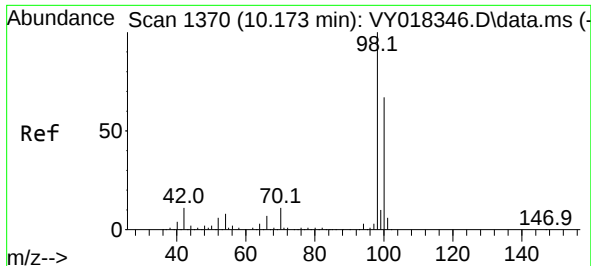
Ion Ratio Lower Upper

113 100

111 96.3 82.2 123.4

192 13.6 15.9 23.9#

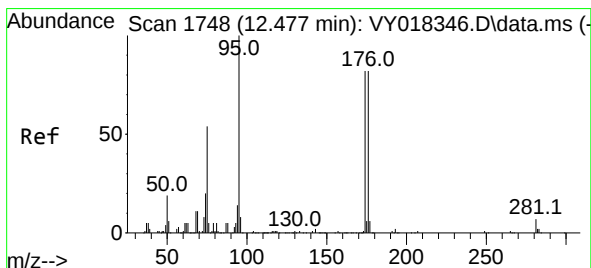
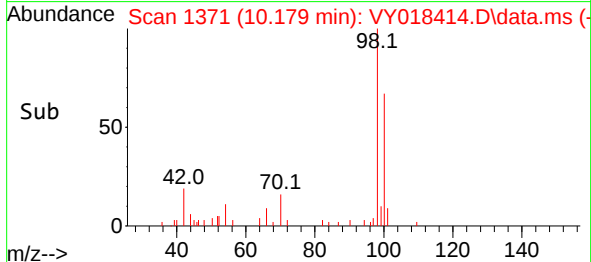
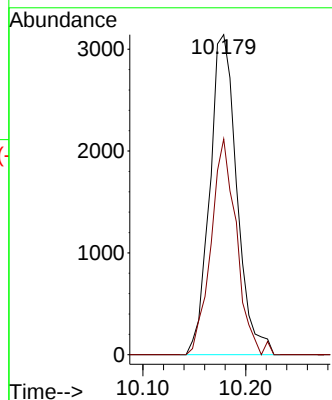
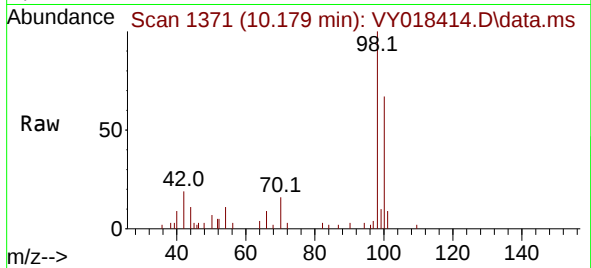




#50
Toluene-d8
Concen: 44.683 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

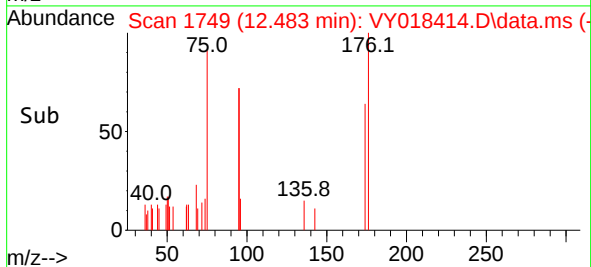
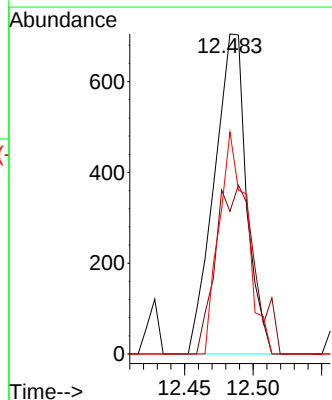
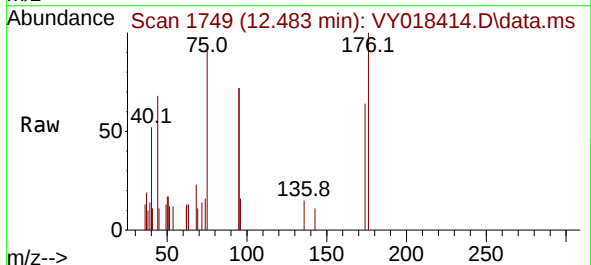
Instrument :
MSVOA_Y
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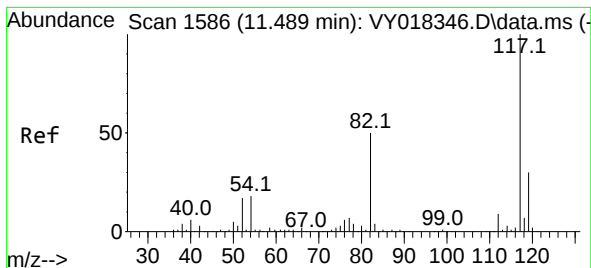
Tgt Ion: 98 Resp: 5751
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion: 95 Resp: 1156
Ion Ratio Lower Upper
95 100
174 63.8 0.0 175.6
176 59.9 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: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPR-VOC

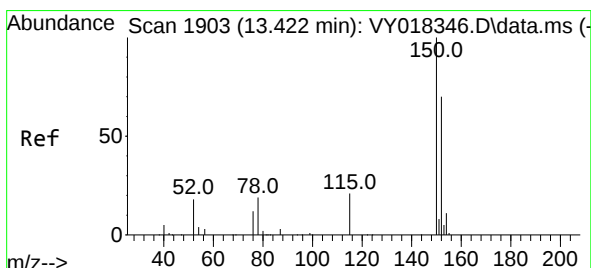
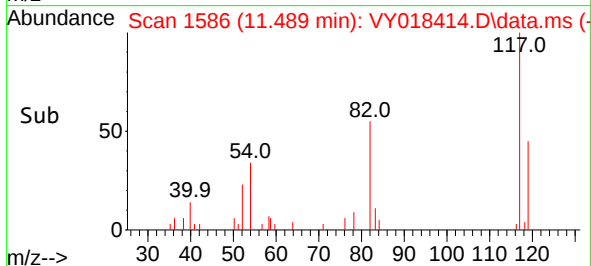
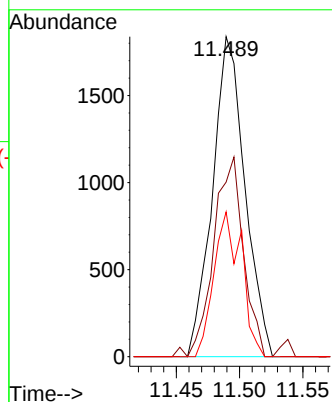
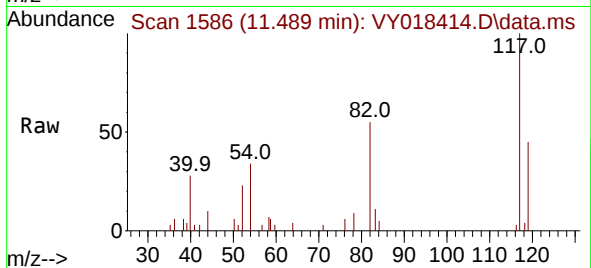
Tgt Ion:117 Resp: 3273

Ion Ratio Lower Upper

117 100

82 51.6 42.4 63.6

119 45.3 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: VY018414.D

Acq: 30 May 2024 15:52

Tgt Ion:152 Resp: 393

Ion Ratio Lower Upper

152 100

115 90.1 28.2 84.7#

150 199.2 0.0 345.6

