

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018229.D
 Acq On : 10 May 2024 13:20
 Operator : SY/MD
 Sample : P2444-03
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-DD-VOC

Quant Time: May 11 01:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

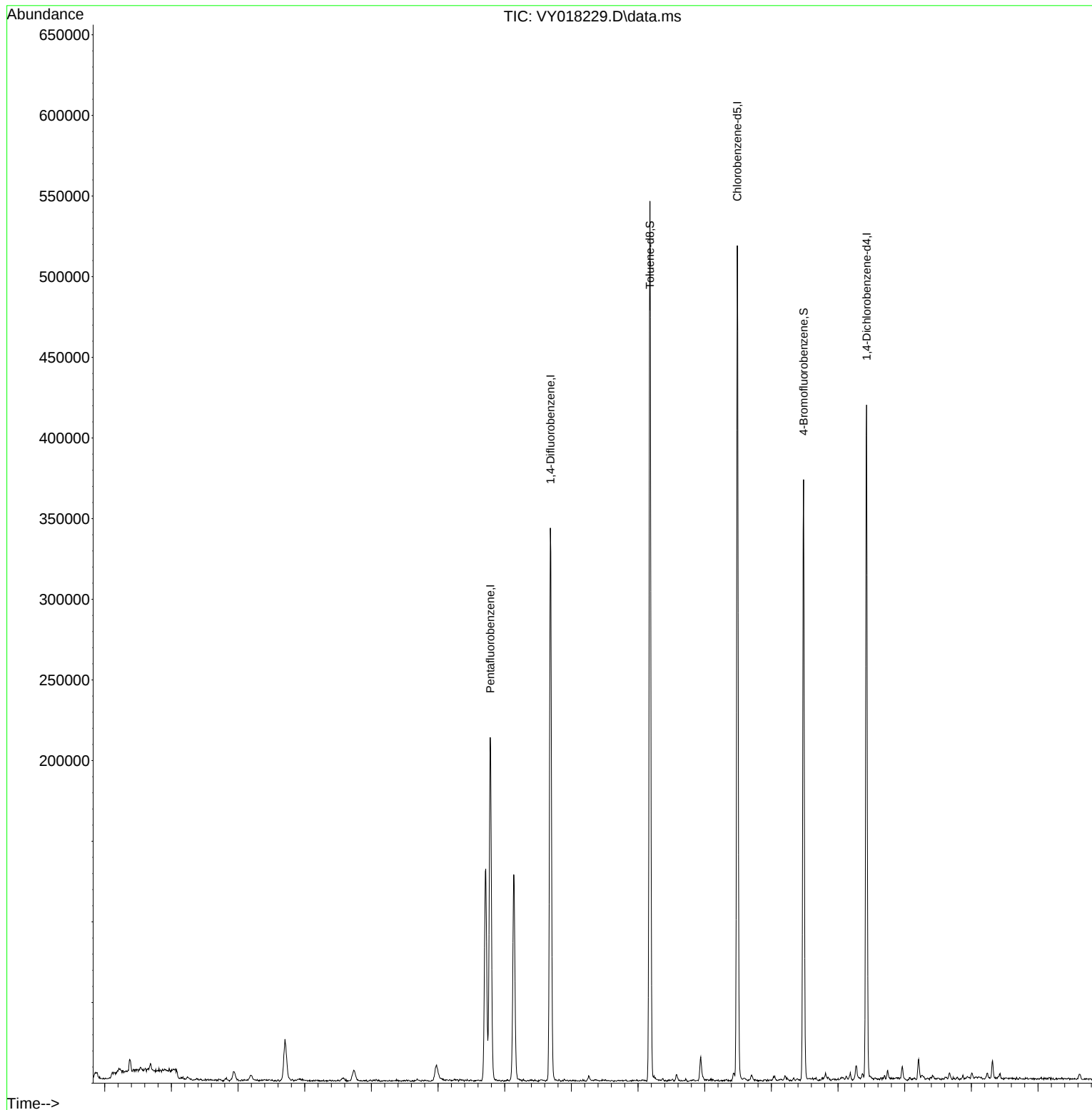
Internal Standards						
1) Pentafluorobenzene	7.783	168	170184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92458	73.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.700%
35) Dibromofluoromethane	7.716	113	95585	57.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.280%
50) Toluene-d8	10.179	98	361319	54.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.640%
62) 4-Bromofluorobenzene	12.483	95	114650	53.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.720%
Target Compounds						
16) Acetone	3.948	43	10083	40.357	ug/l	93
20) Methylene Chloride	4.704	84	19719	11.166	ug/l #	97

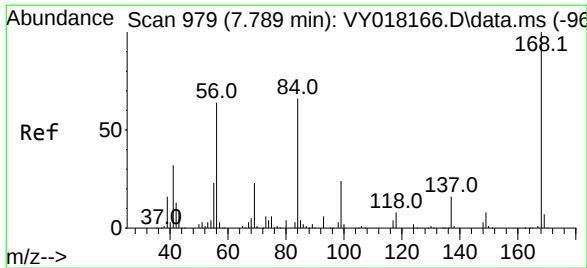
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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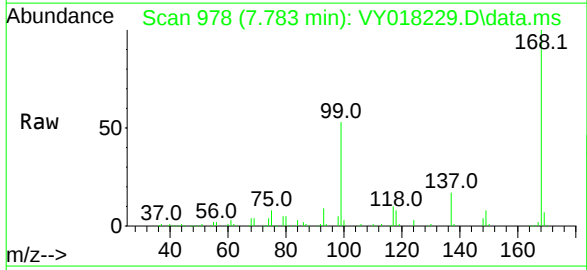
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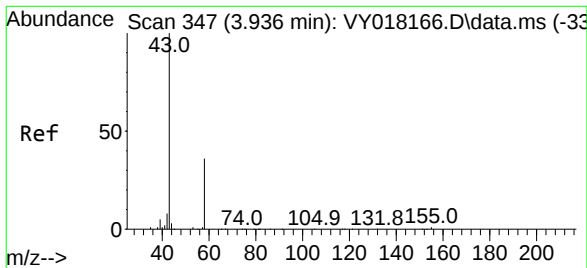
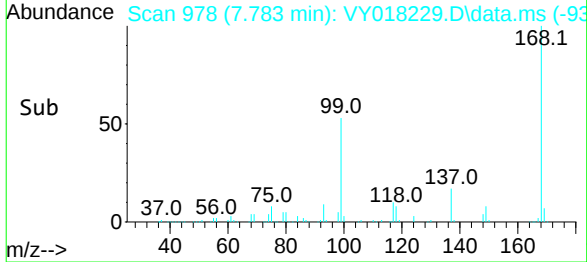
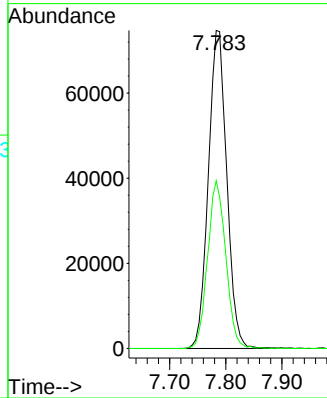


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Instrument :
MSVOA_Y
ClientSampleId :
WC-DD-VOC

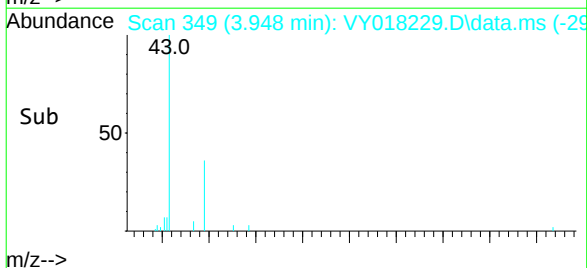
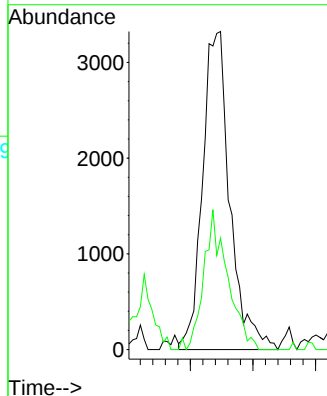
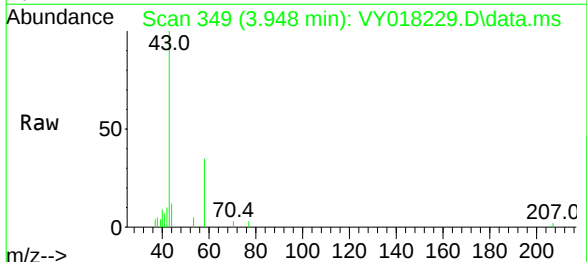


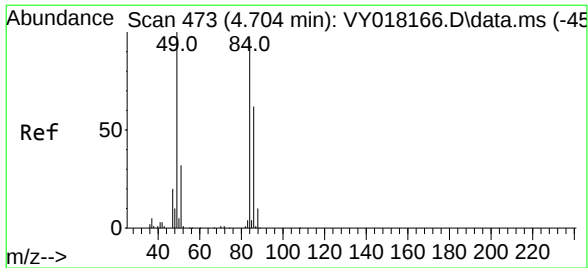
Tgt Ion:168 Resp: 170184
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#16
Acetone
Concen: 40.357 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Tgt Ion: 43 Resp: 10083
Ion Ratio Lower Upper
43 100
58 35.0 31.7 47.5

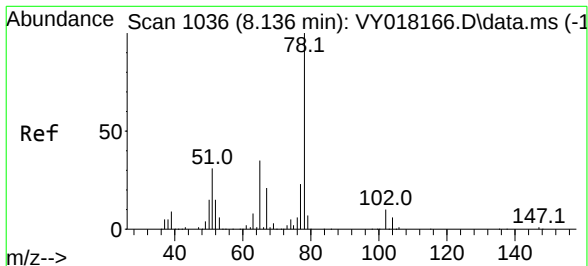
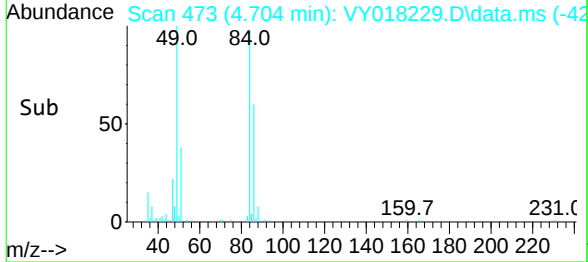
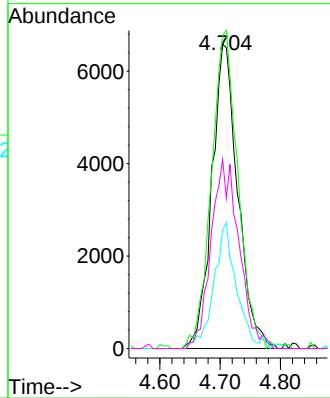
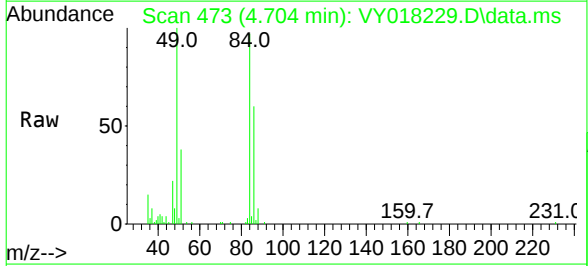




#20
Methylene Chloride
Concen: 11.166 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

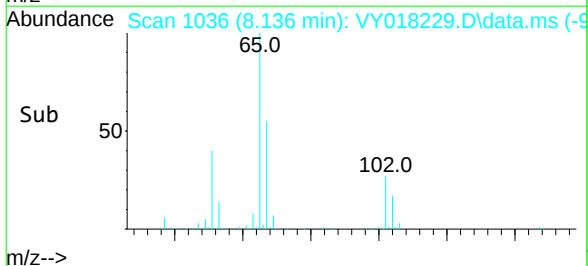
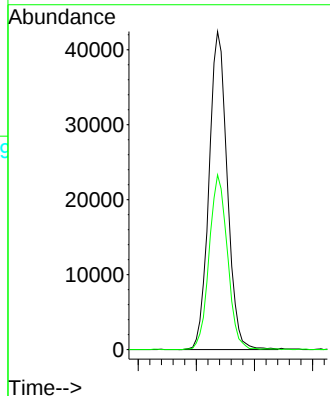
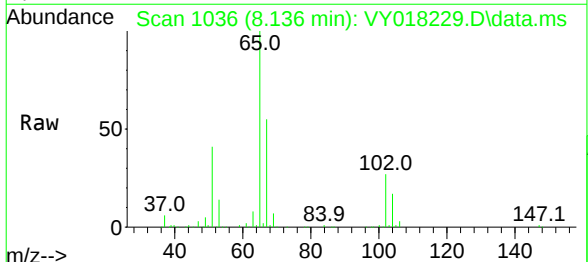
Instrument :
MSVOA_Y
ClientSampleId :
WC-DD-VOC

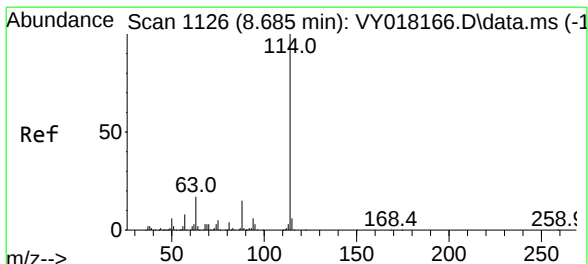
Tgt Ion:	84	Resp:	19719
Ion	Ratio	Lower	Upper
84	100		
49	102.9	84.4	126.6
51	39.1	26.0	39.0
86	62.1	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 73.849 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Tgt Ion:	65	Resp:	92458
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.6

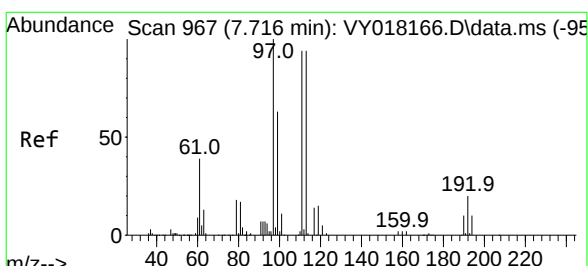
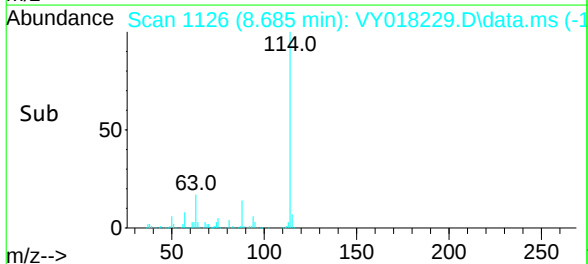
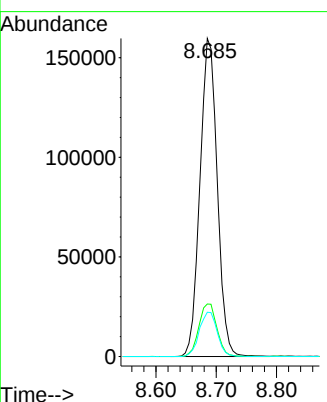
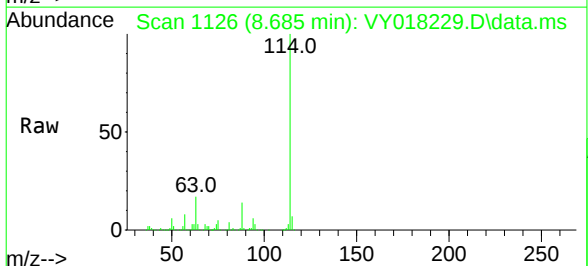




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

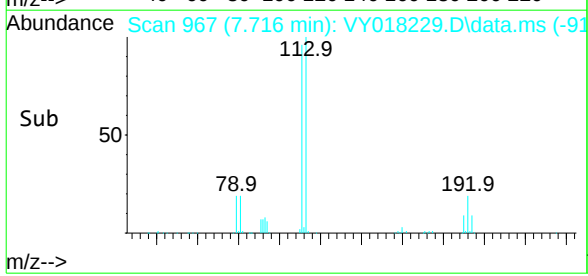
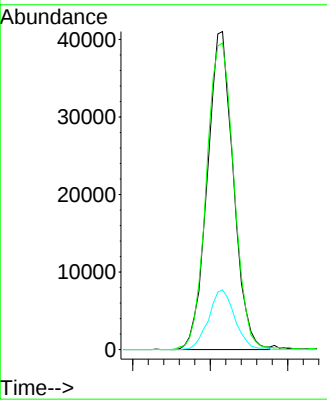
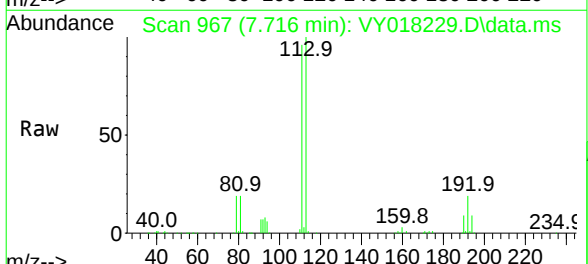
Instrument :
MSVOA_Y
ClientSampleId :
WC-DD-VOC

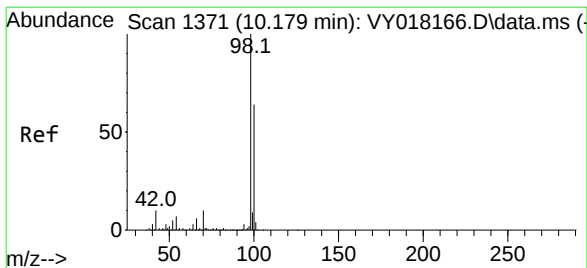
Tgt Ion:	114	Resp:	318278
Ion Ratio	Lower	Upper	
114	100		
63	16.5	0.0	35.0
88	13.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 57.144 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Tgt Ion:	113	Resp:	95585
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.4
192	18.9	15.9	23.9





#50

Toluene-d8

Concen: 54.816 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018229.D

Acq: 10 May 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

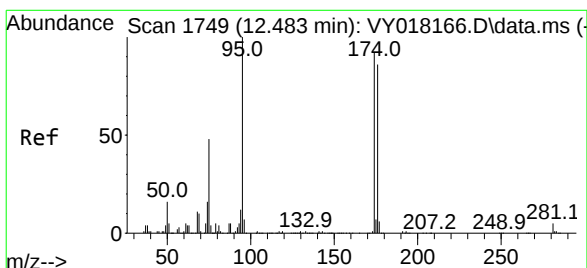
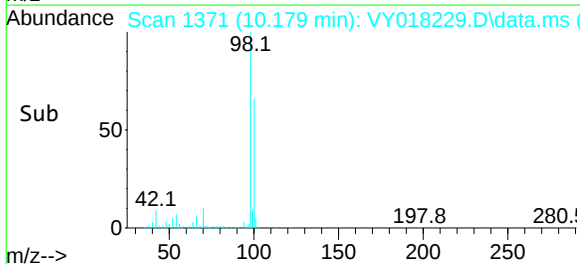
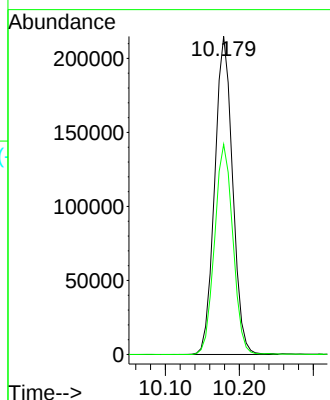
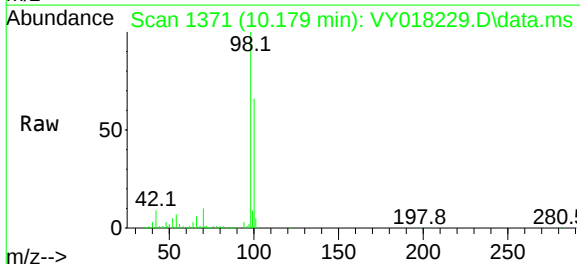
WC-DD-VOC

Tgt Ion: 98 Resp: 361319

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.860 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018229.D

Acq: 10 May 2024 13:20

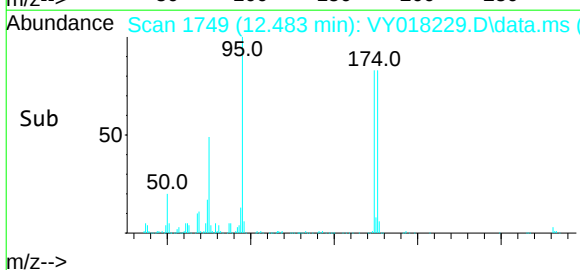
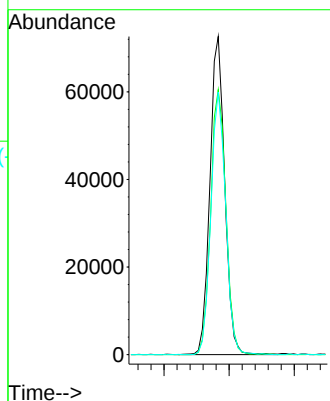
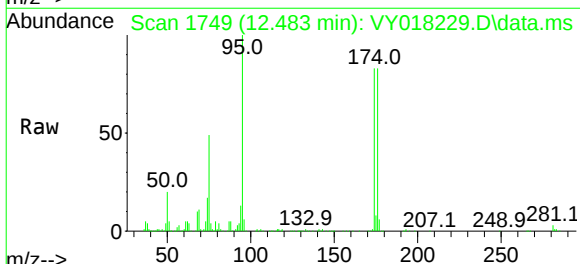
Tgt Ion: 95 Resp: 114650

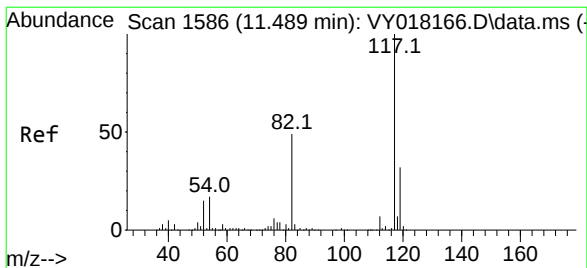
Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

176 82.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018229.D

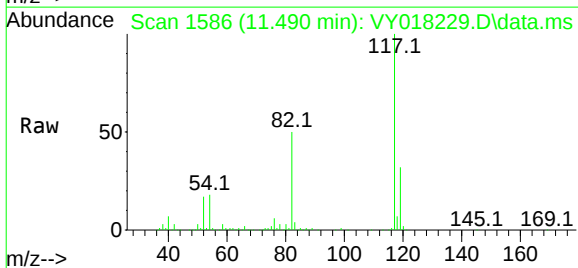
Acq: 10 May 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-DD-VOC



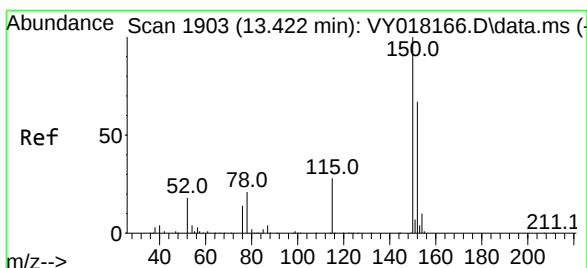
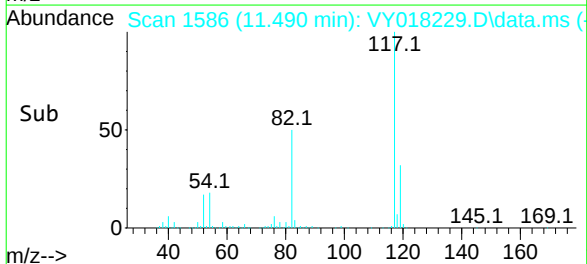
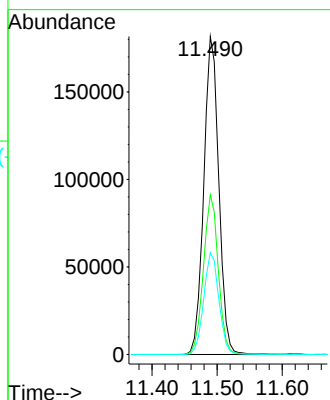
Tgt Ion:117 Resp: 291198

Ion Ratio Lower Upper

117 100

82 50.2 42.4 63.6

119 32.0 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: VY018229.D

Acq: 10 May 2024 13:20

Tgt Ion:152 Resp: 112413

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 154.5 0.0 345.6

