

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010020.D
 Acq On : 01 Jun 2019 06:02
 Operator : JC/SP
 Sample : K3129-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW004-190528

Quant Time: Jun 03 00:50:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

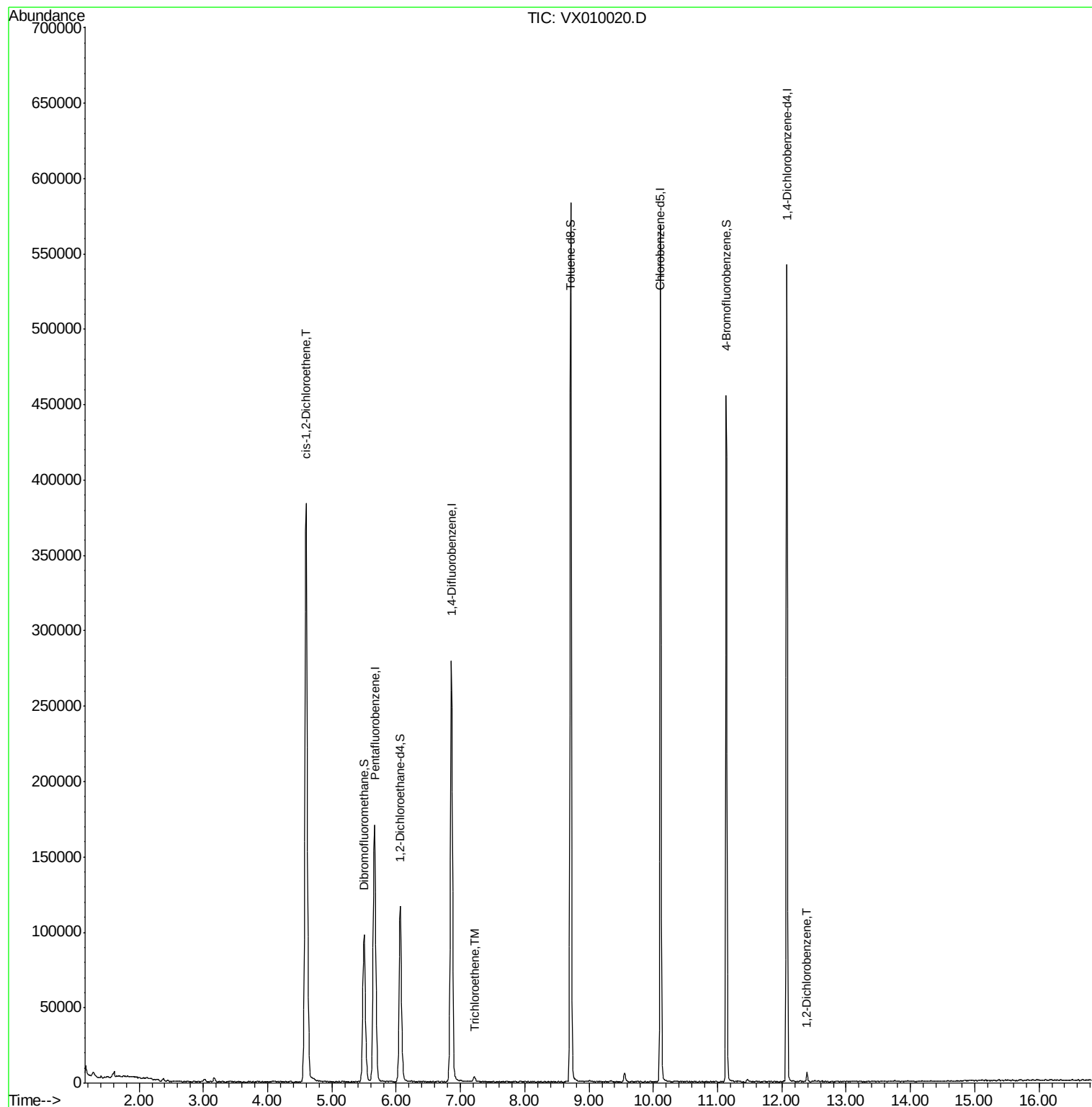
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	112282	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
35) Dibromofluoromethane	5.50	113	82563	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	339589	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	117273	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	236405	107.613	ug/l	86
44) Trichloroethene	7.22	130	1220	0.620	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	1852	0.511	ug/l	93

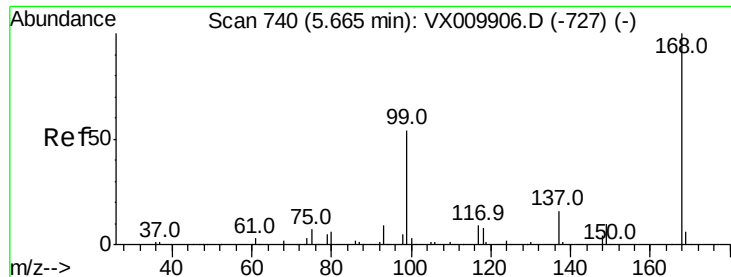
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010020.D

Acq: 01 Jun 2019 06:02

Instrument :

MSVOA_X

ClientSampleId :

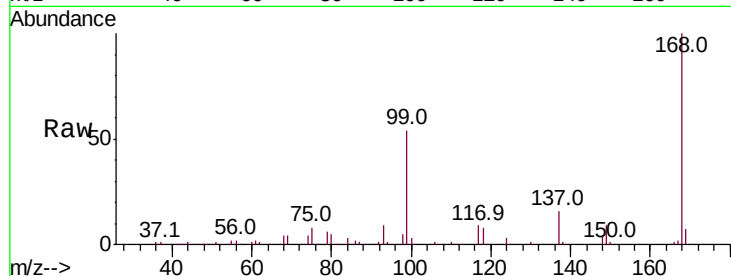
LF012MW004-190528

Tot Ion:168 Resp: 168889

Ion Ratio Lower Upper

168 100

99 53.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

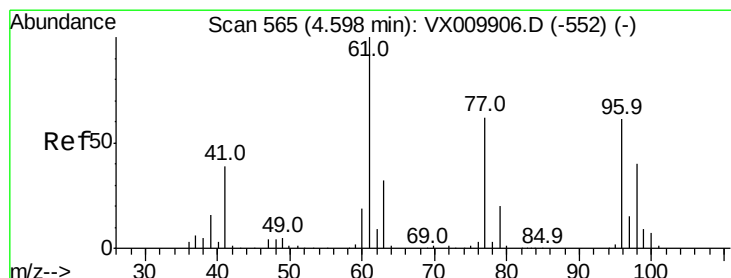
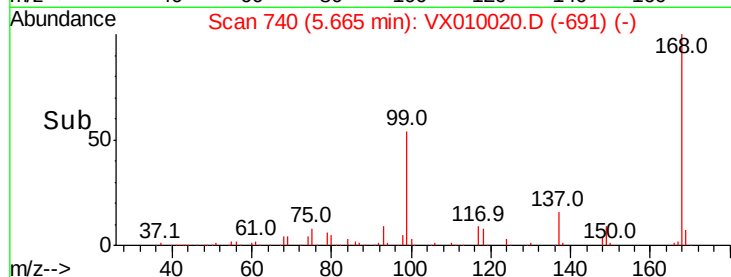
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 107.613 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010020.D

Acq: 01 Jun 2019 06:02

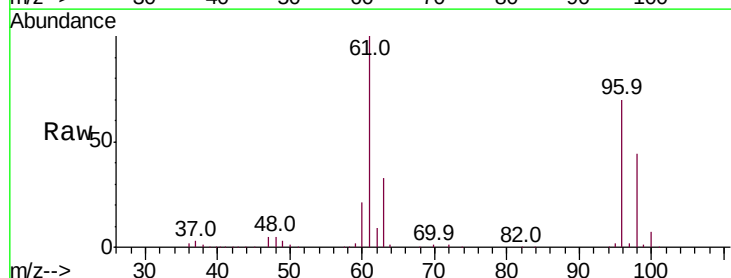
Tgt Ion: 96 Resp: 236405

Ion Ratio Lower Upper

96 100

61 142.3 0.0 334.0

98 64.2 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

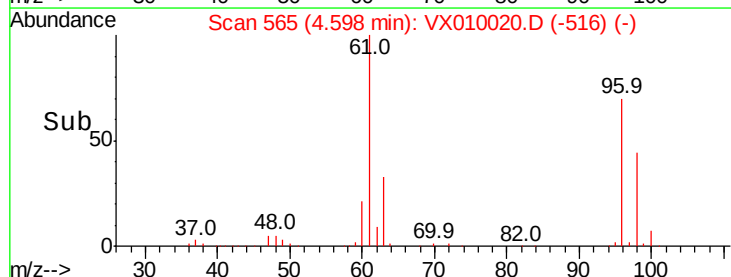
150000

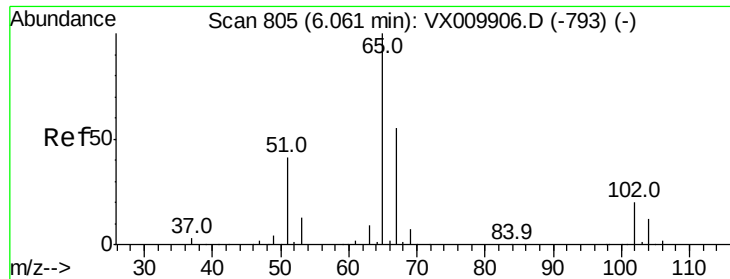
100000

50000

0

Time--> 4.50 4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 47.065 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010020.D

Acq: 01 Jun 2019 06:02

Instrument :

MSVOA_X

ClientSampleId :

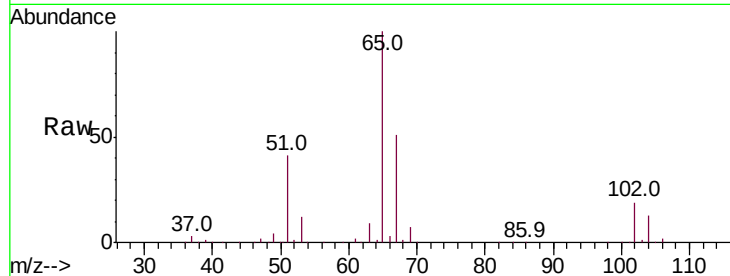
LF012MW004-190528

Tot Ion: 65 Resp: 112282

Ion Ratio Lower Upper

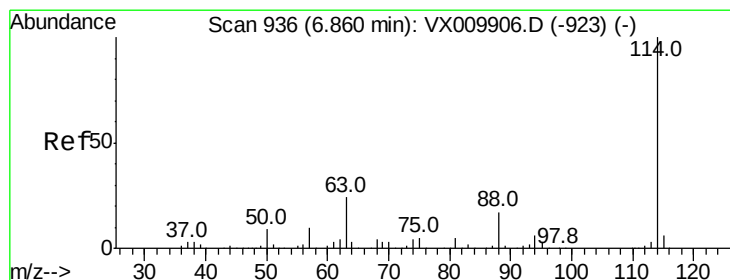
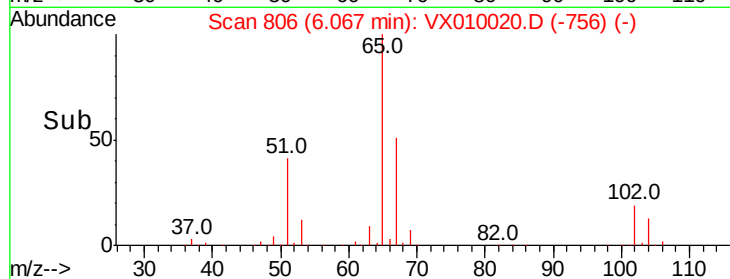
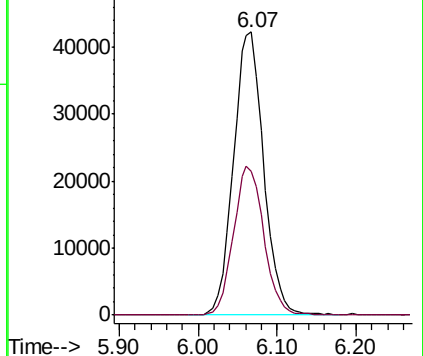
65 100

67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010020.D

Acq: 01 Jun 2019 06:02

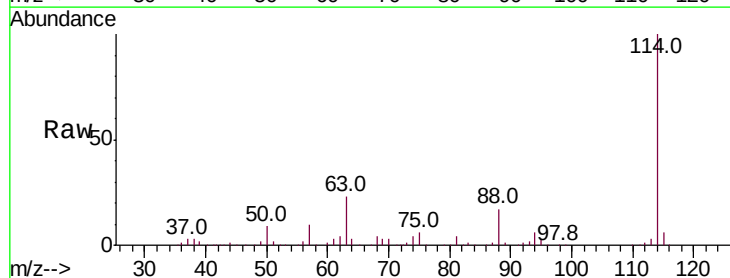
Tgt Ion: 114 Resp: 269020

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

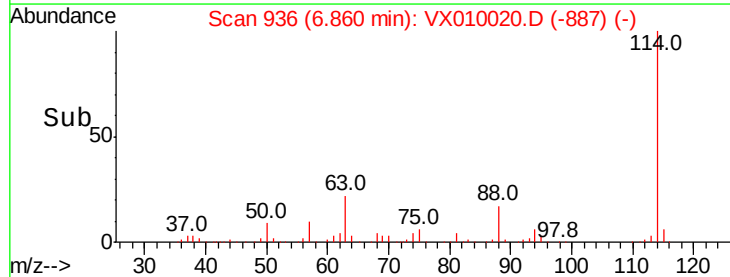
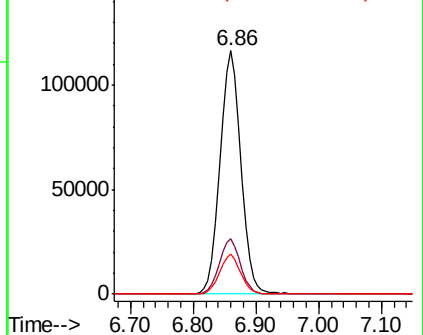
88 16.6 0.0 33.0

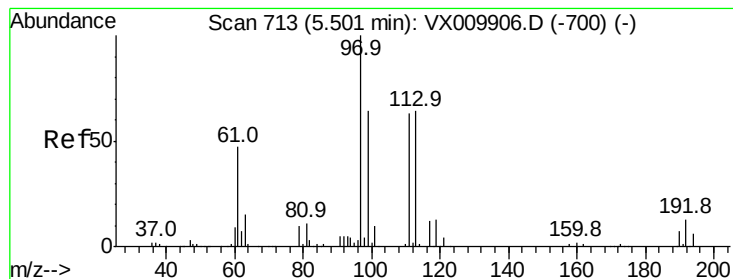


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.815 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010020.D

Acq: 01 Jun 2019 06:02

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-190528

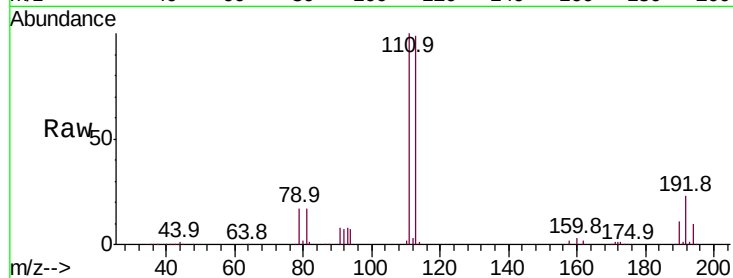
Tot Ion:113 Resp: 82563

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

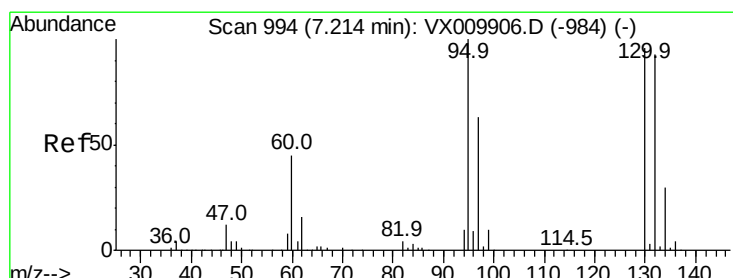
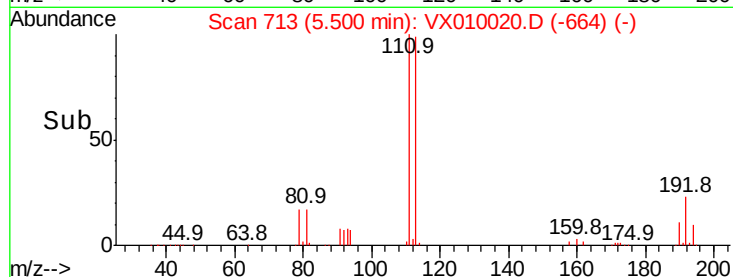
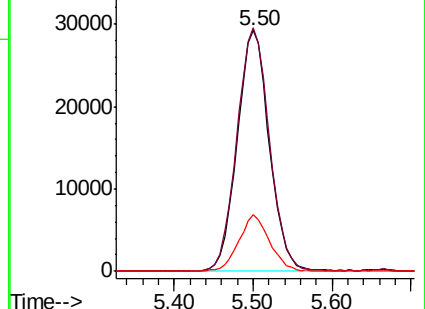
192 22.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 0.620 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010020.D

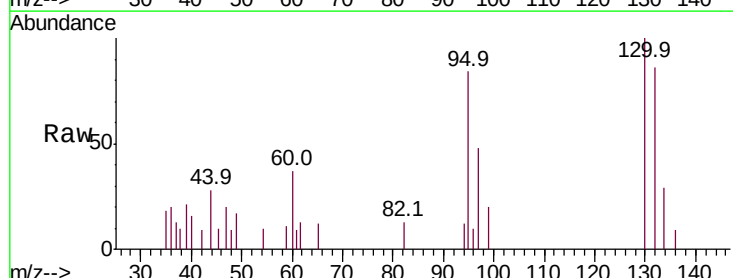
Acq: 01 Jun 2019 06:02

Tgt Ion:130 Resp: 1220

Ion Ratio Lower Upper

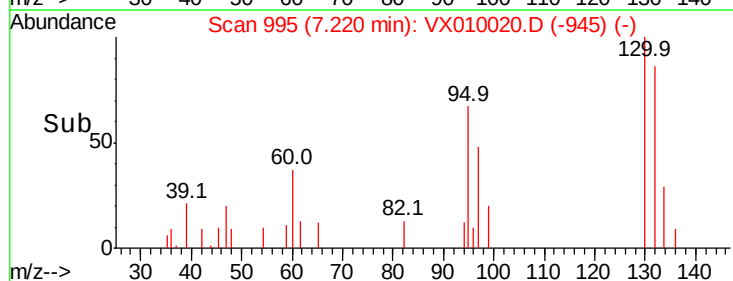
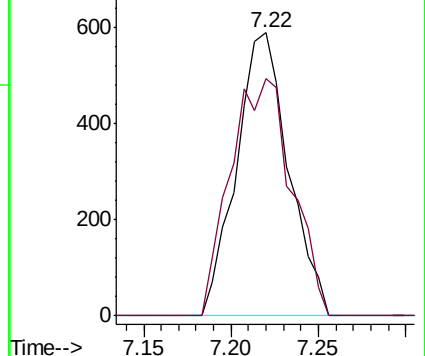
130 100

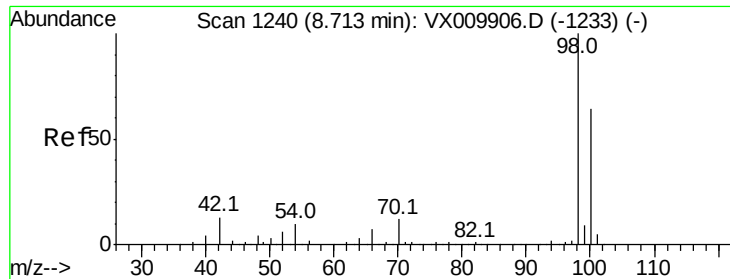
95 83.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

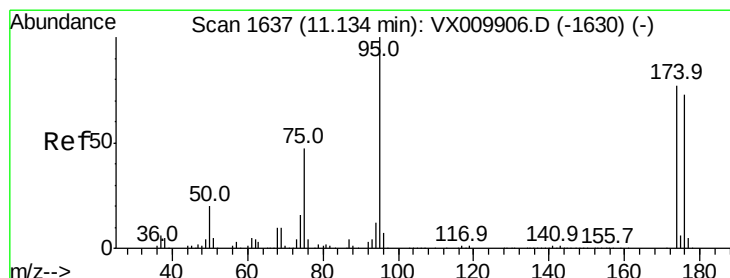
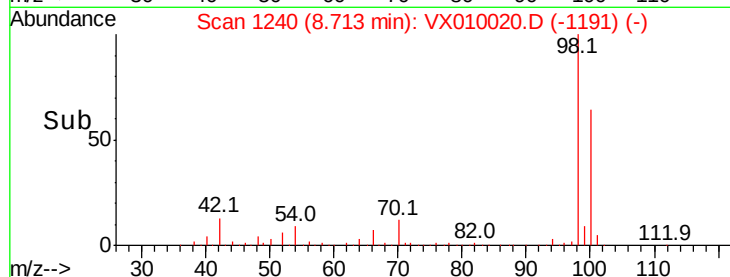
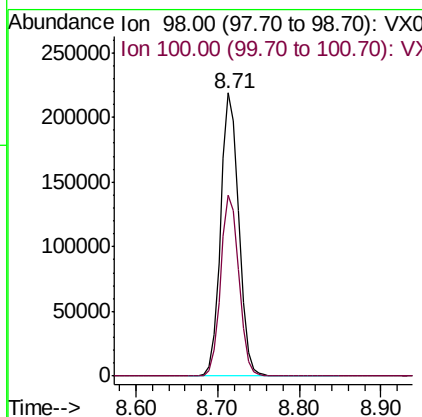
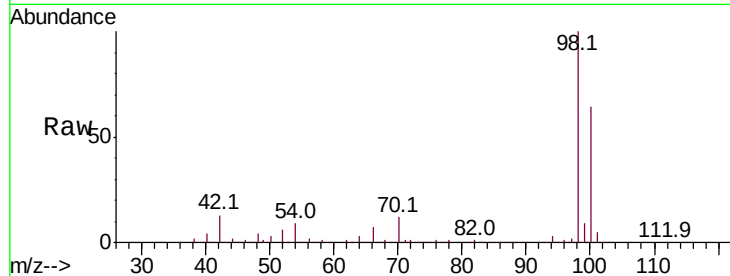




#50
Toluene-d8
Concen: 49.444 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010020.D
Acq: 01 Jun 2019 06:02

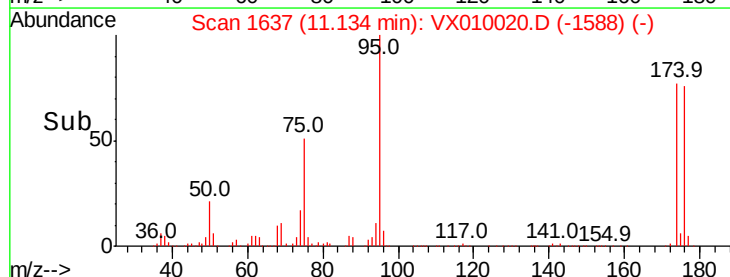
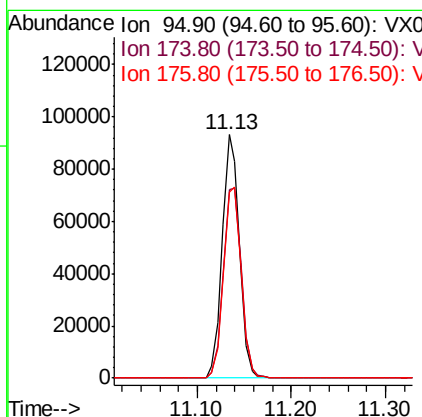
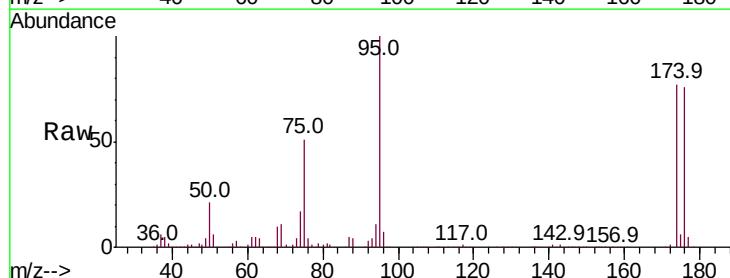
Instrument :
MSVOA_X
ClientSampleId :
LF012MW004-190528

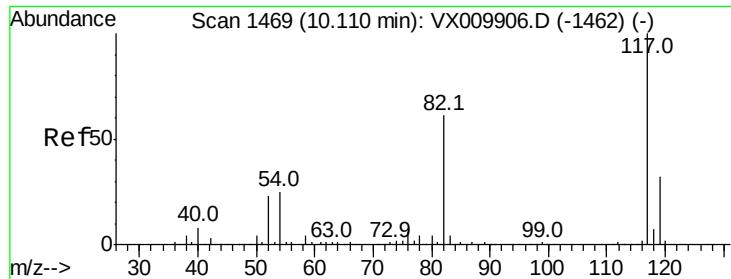
Tot Ion: 98 Resp: 339589
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010020.D
Acq: 01 Jun 2019 06:02

Tgt Ion: 95 Resp: 117273
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.4
176 81.2 0.0 154.6

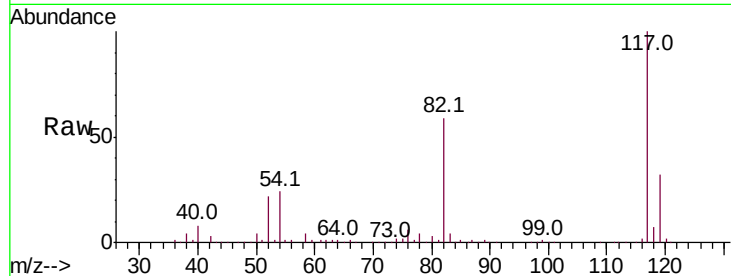




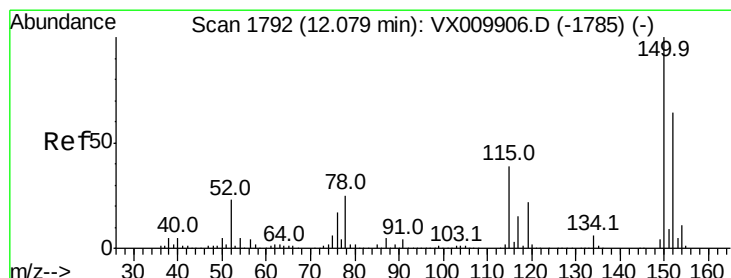
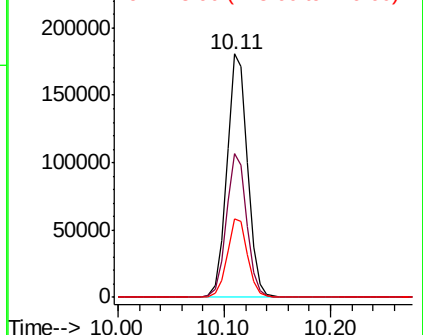
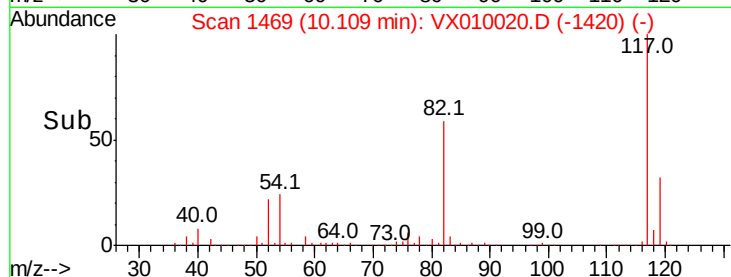
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010020.D
Acq: 01 Jun 2019 06:02

Instrument :
MSVOA_X
ClientSampleId :
LF012MW004-190528

Tot Ion:117 Resp: 244656
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 32.2 25.2 37.8

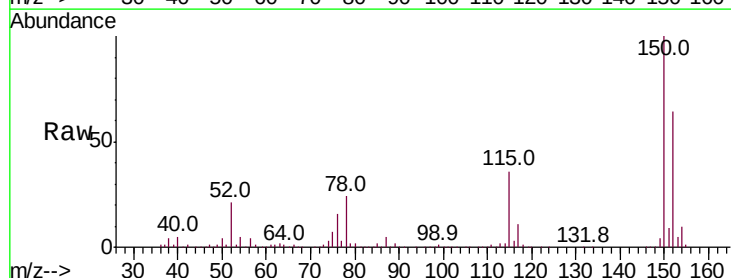


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

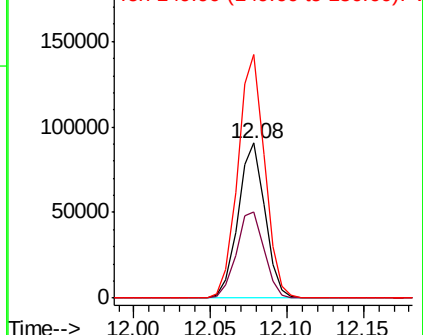
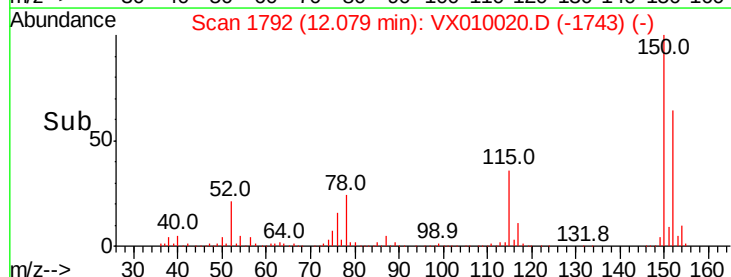


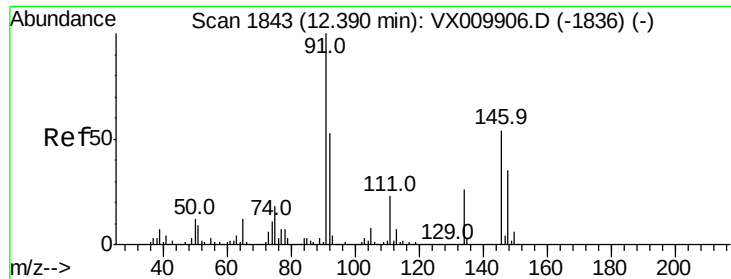
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010020.D
Acq: 01 Jun 2019 06:02

Tgt Ion:152 Resp: 109845
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 157.0 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.511 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010020.D

Acq: 01 Jun 2019 06:02

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-190528

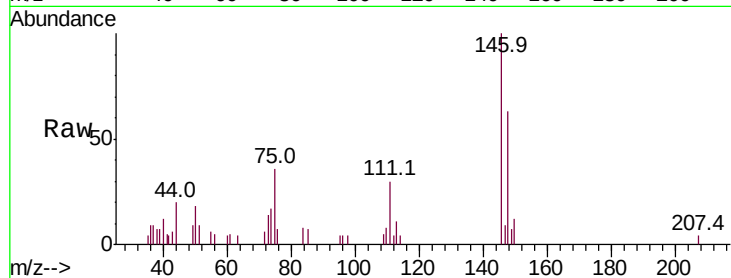
Tot Ion:146 Resp: 1852

Ion Ratio Lower Upper

146 100

111 38.4 21.1 63.1

148 70.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

