

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009942.D
 Acq On : 29 May 2019 16:03
 Operator : JC/SP
 Sample : K3038-03RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW200-190522RE

Quant Time: May 30 02:18:50 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

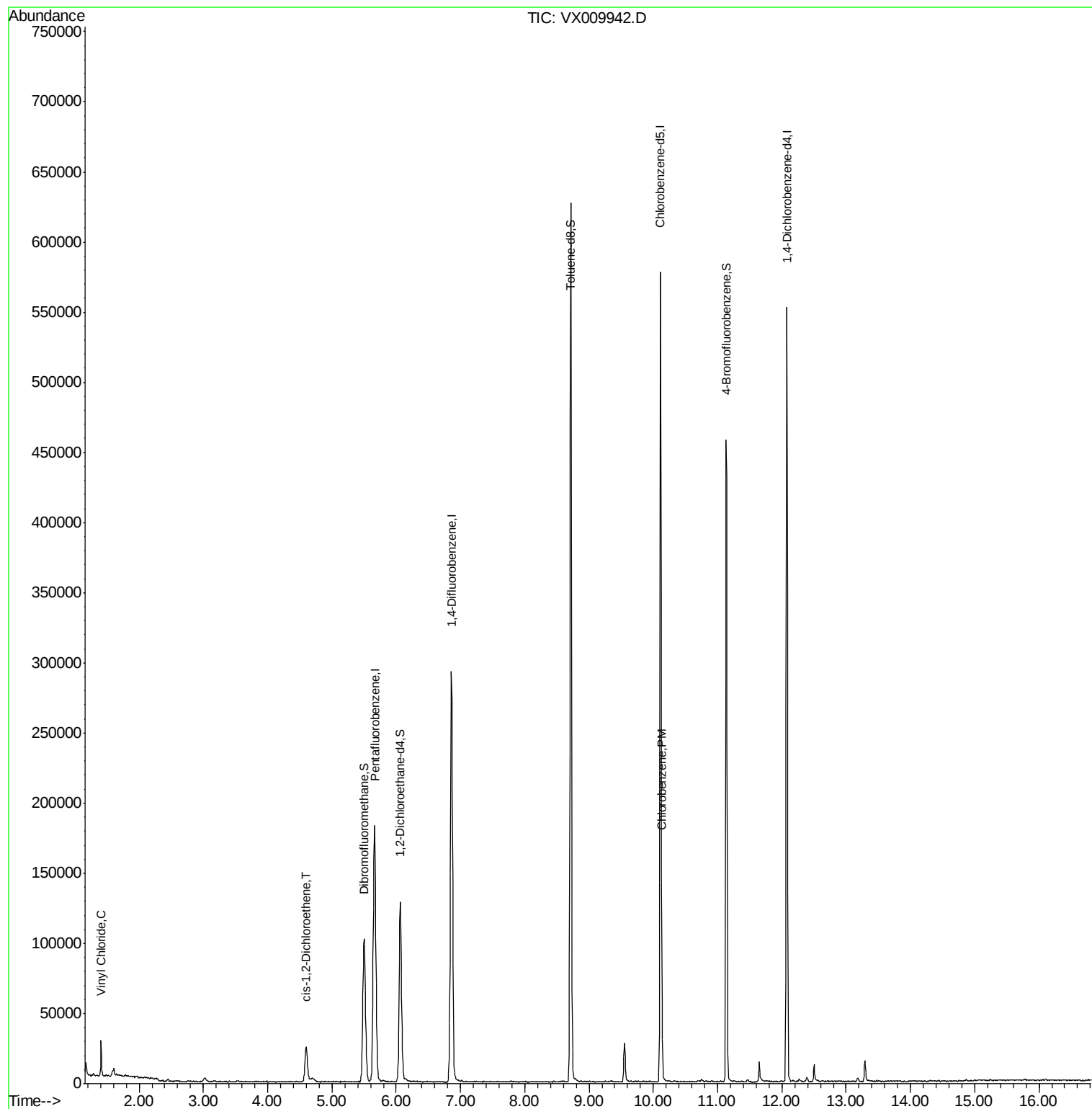
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121879	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.50	113	87720	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	364774	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	123491	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
4) Vinyl Chloride	1.41	62	16150	6.140	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	15166	6.564	ug/l	90
65) Chlorobenzene	10.13	112	8739	1.625	ug/l	90

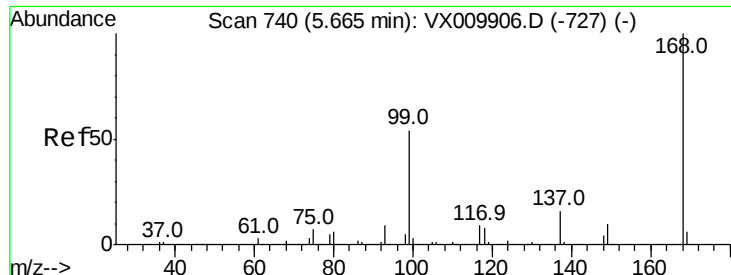
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009942.D

Acq: 29 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

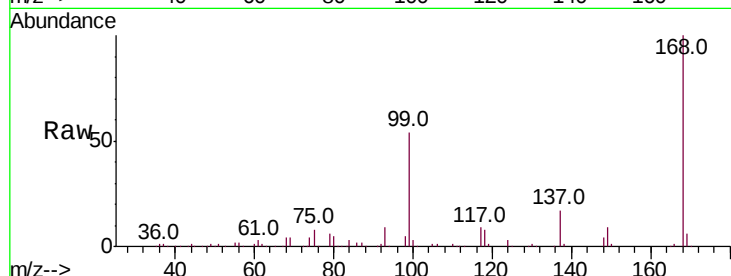
LF012MW200-190522RE

Tot Ion:168 Resp: 177618

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

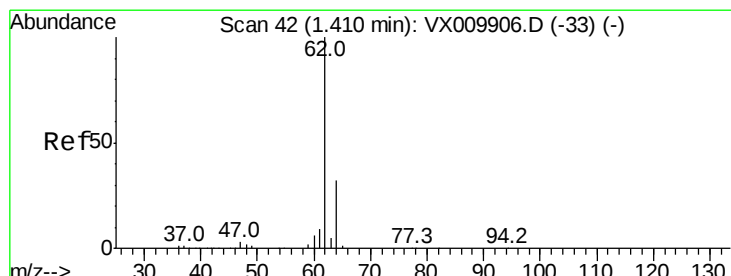
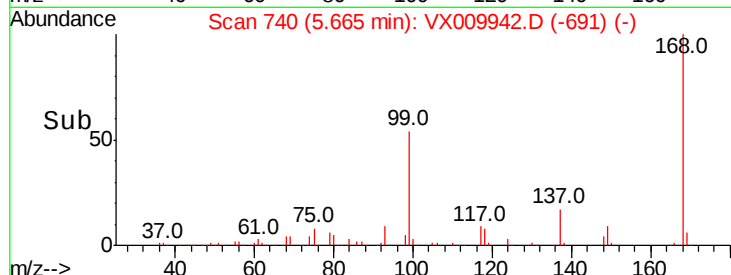
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 6.140 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009942.D

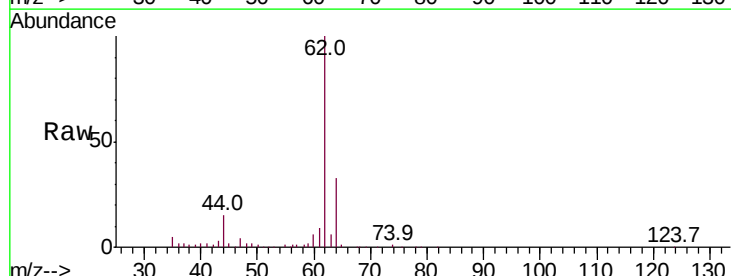
Acq: 29 May 2019 16:03

Tgt Ion: 62 Resp: 16150

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

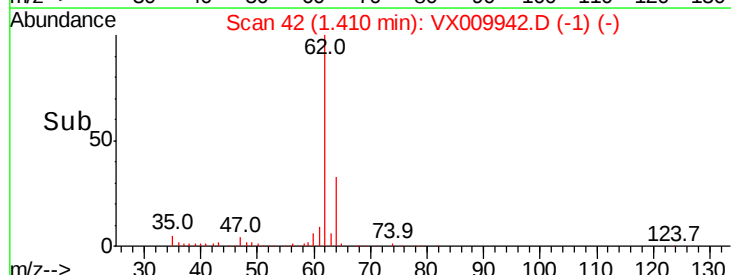
15000

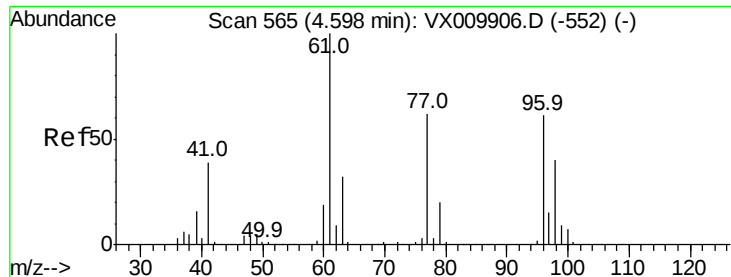
10000

5000

0

Time--> 1.35 1.40 1.45 1.50





#27

cis-1,2-Dichloroethene

Concen: 6.564 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009942.D

Acq: 29 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

LF012MW200-190522RE

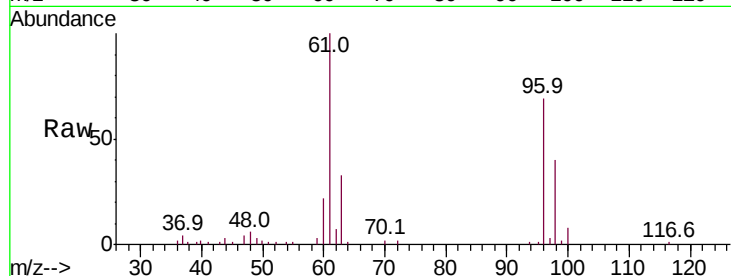
Tot Ion: 96 Resp: 15166

Ion Ratio Lower Upper

96 100

61 148.3 0.0 334.0

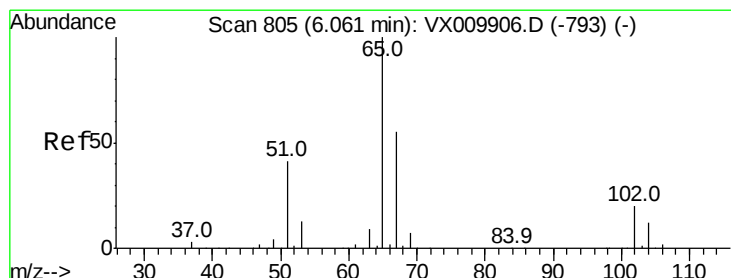
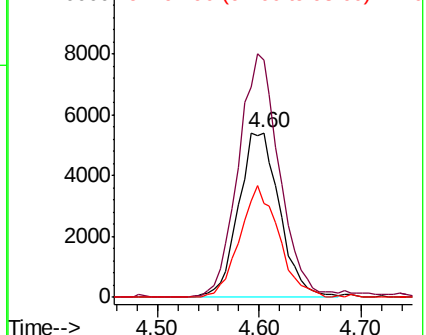
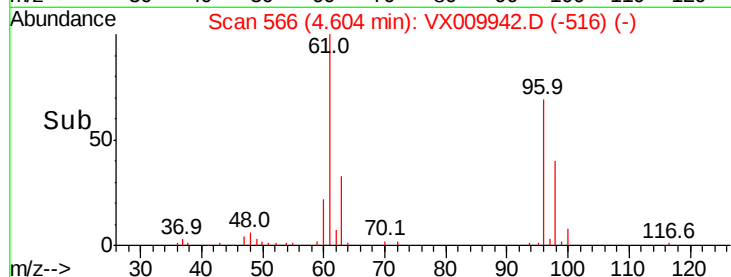
98 64.3 0.0 131.6



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



#33

1,2-Dichloroethane-d4

Concen: 48.577 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009942.D

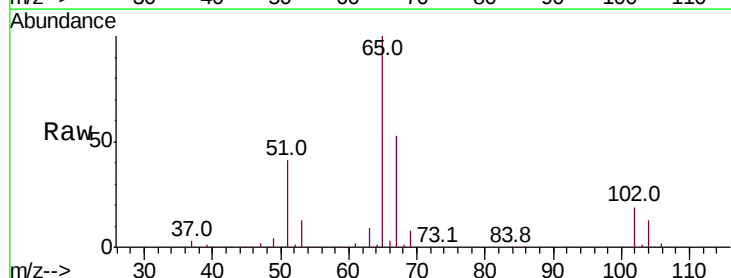
Acq: 29 May 2019 16:03

Tgt Ion: 65 Resp: 121879

Ion Ratio Lower Upper

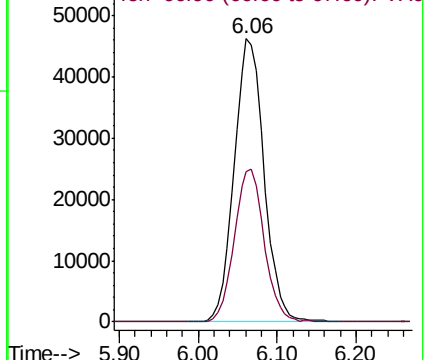
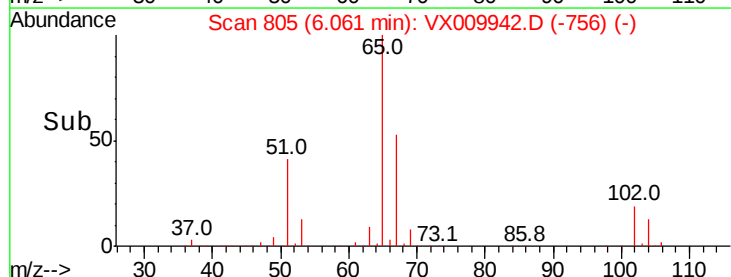
65 100

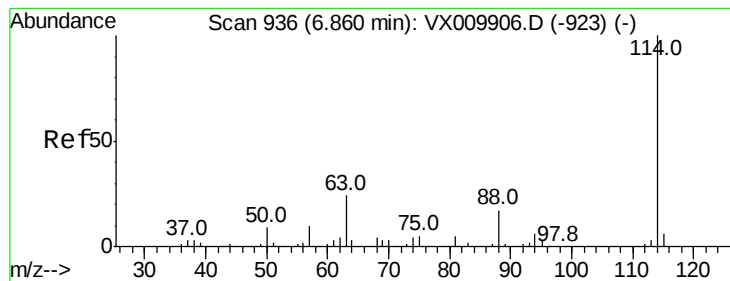
67 54.2 0.0 108.4



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: VX009942.D

Acq: 29 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

LF012MW200-190522RE

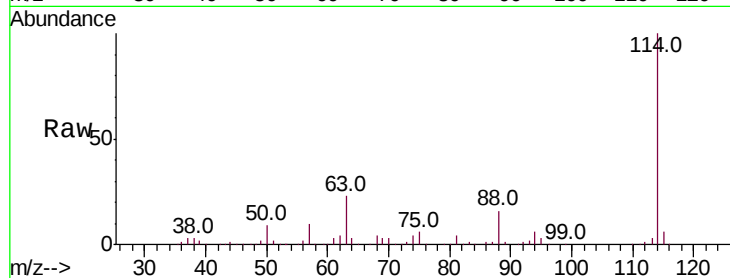
Tot Ion:114 Resp: 283348

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.4

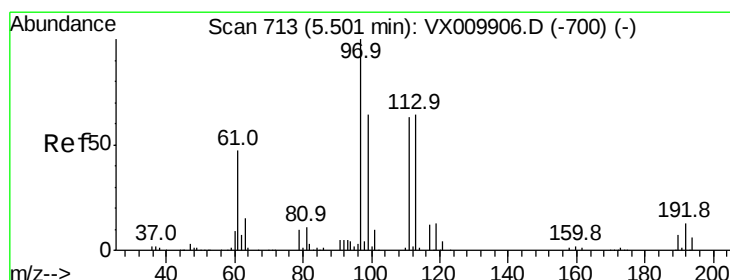
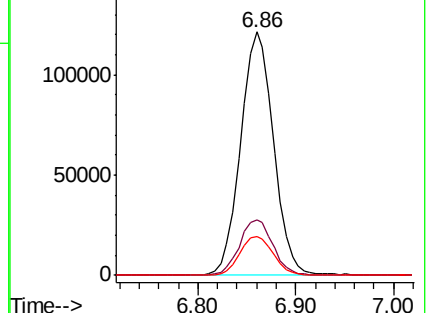
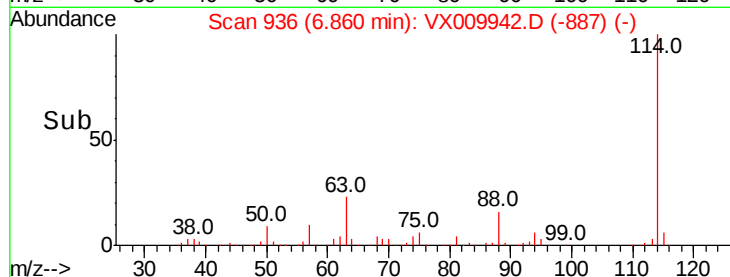
88 16.0 0.0 33.0



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: 49.242 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009942.D

Acq: 29 May 2019 16:03

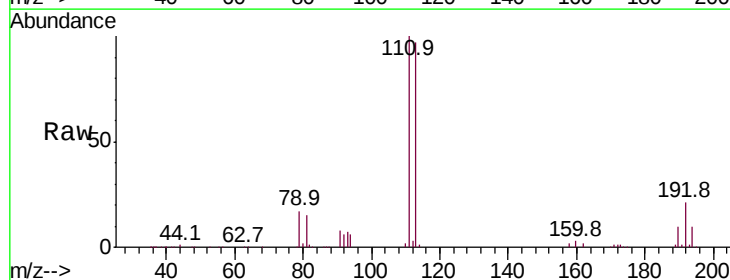
Tgt Ion:113 Resp: 87720

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

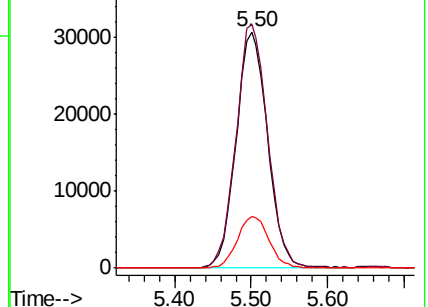
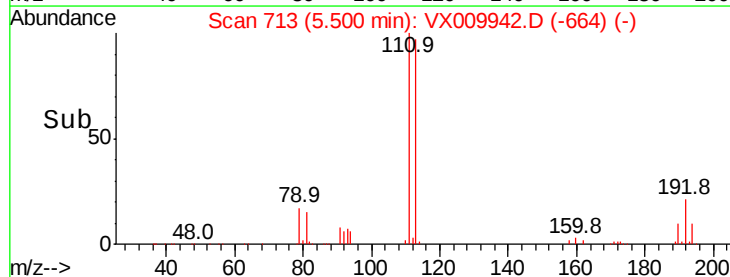
192 21.9 17.1 25.7

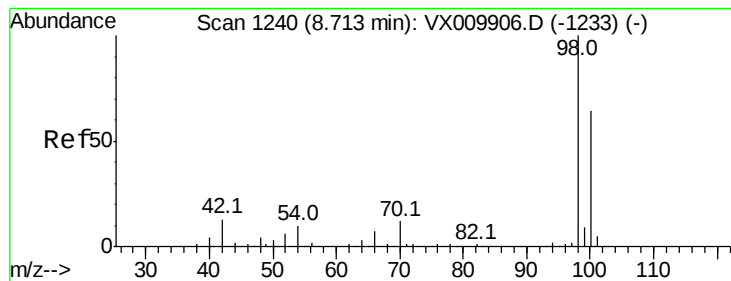


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.425 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009942.D

Acq: 29 May 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

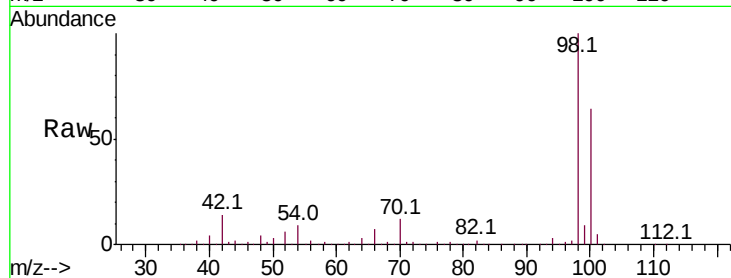
LF012MW200-190522RE

Tot Ion: 98 Resp: 364774

Ion Ratio Lower Upper

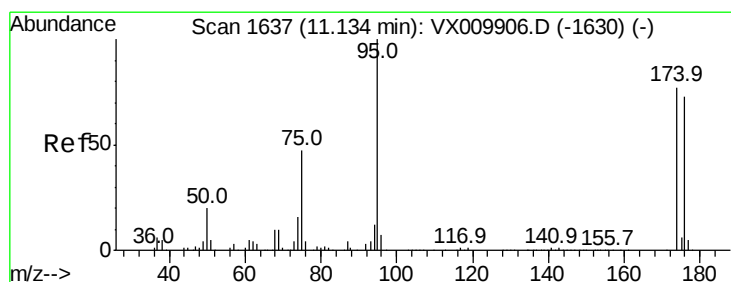
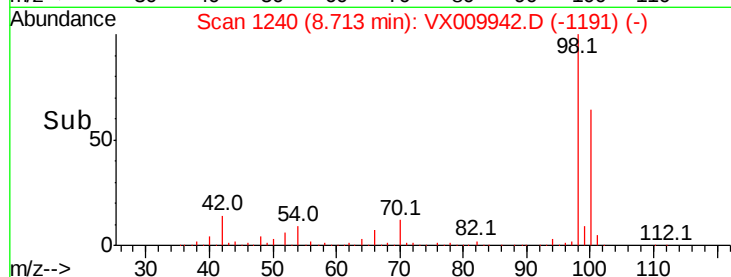
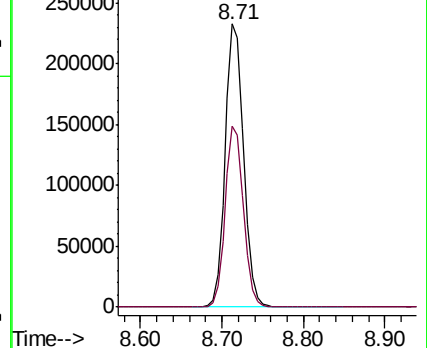
98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.528 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009942.D

Acq: 29 May 2019 16:03

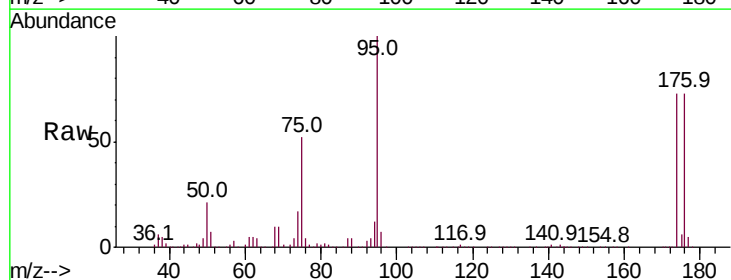
Tgt Ion: 95 Resp: 123491

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.4

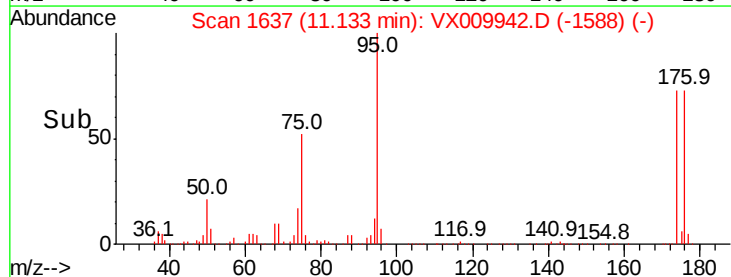
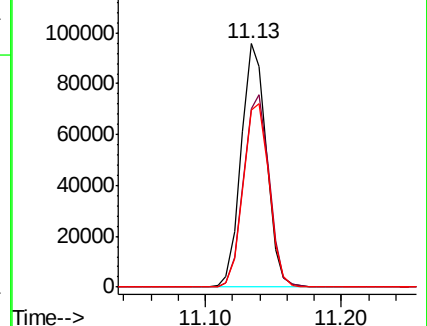
176 77.8 0.0 154.6

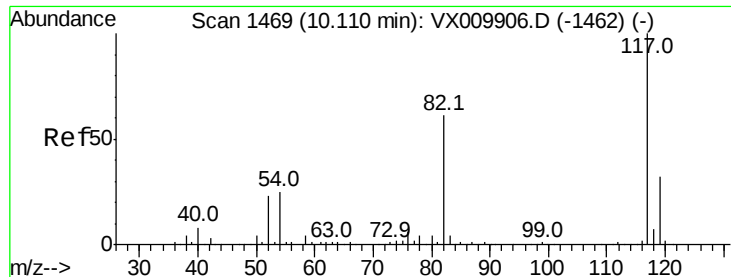


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

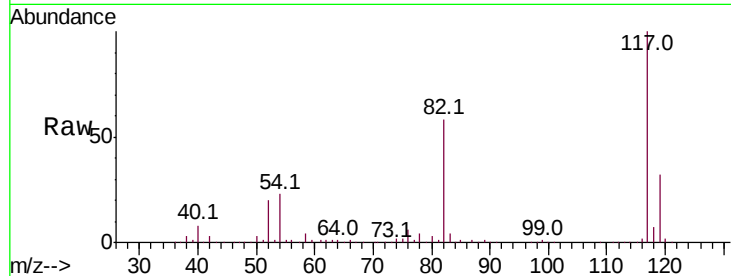




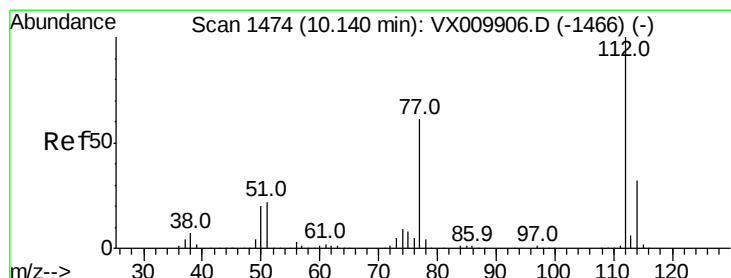
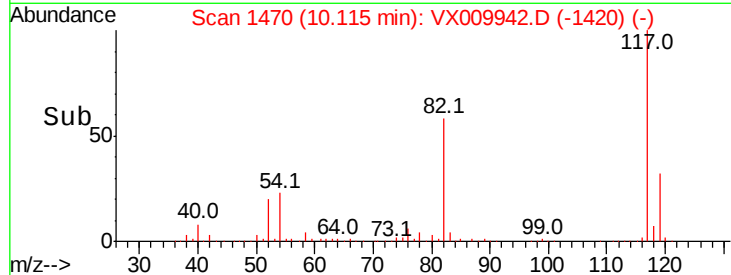
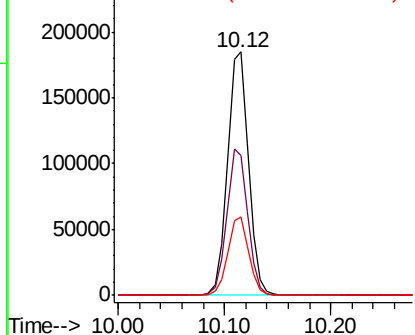
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009942.D
Acq: 29 May 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
LF012MW200-190522RE

Tot Ion:117 Resp: 256805
Ion Ratio Lower Upper
117 100
82 57.7 49.2 73.8
119 32.4 25.2 37.8

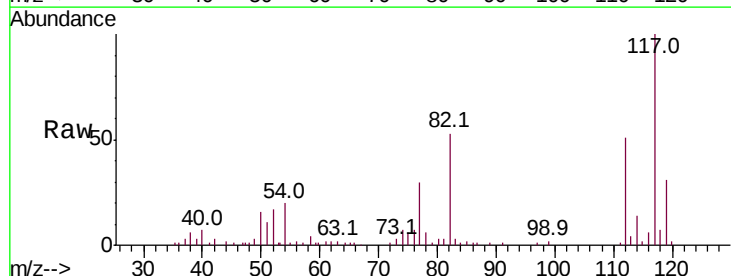


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

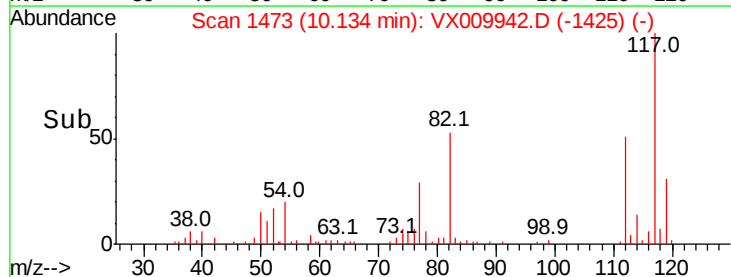
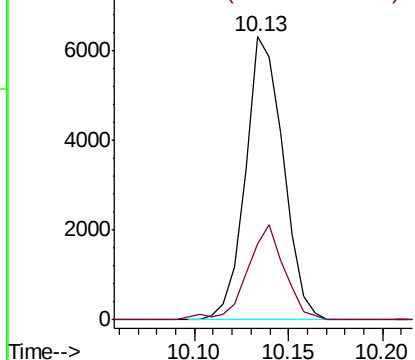


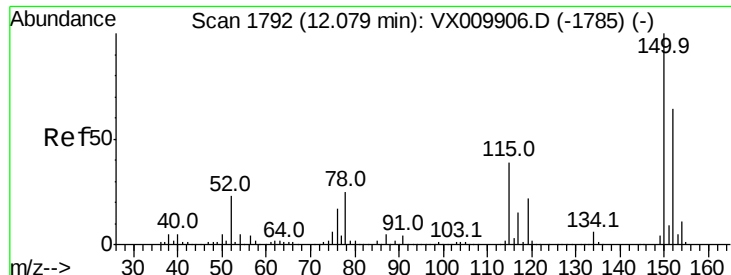
#65
Chlorobenzene
Concen: 1.625 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009942.D
Acq: 29 May 2019 16:03

Tgt Ion:112 Resp: 8739
Ion Ratio Lower Upper
112 100
114 26.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

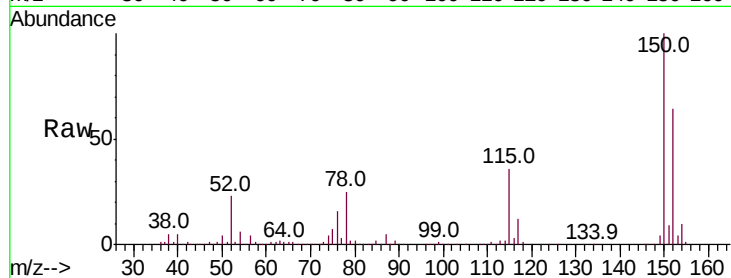




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009942.D
 Acq: 29 May 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW200-190522RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.4	41.4	124.2
150	156.3	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

