

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001093.D
 Acq On : 24 Apr 2018 23:09
 Operator : JC/MD
 Sample : J2463-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW133-180416

Quant Time: Apr 25 08:00:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	227793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157168	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	169530	58.71	ug/l	0.00
Spiked Amount			Recovery	=	117.42%	
35) Dibromofluoromethane	5.51	113	129345	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
50) Toluene-d8	8.72	98	490346	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
62) 4-Bromofluorobenzene	11.14	95	167159	43.76	ug/l	0.00
Spiked Amount			Recovery	=	87.52%	

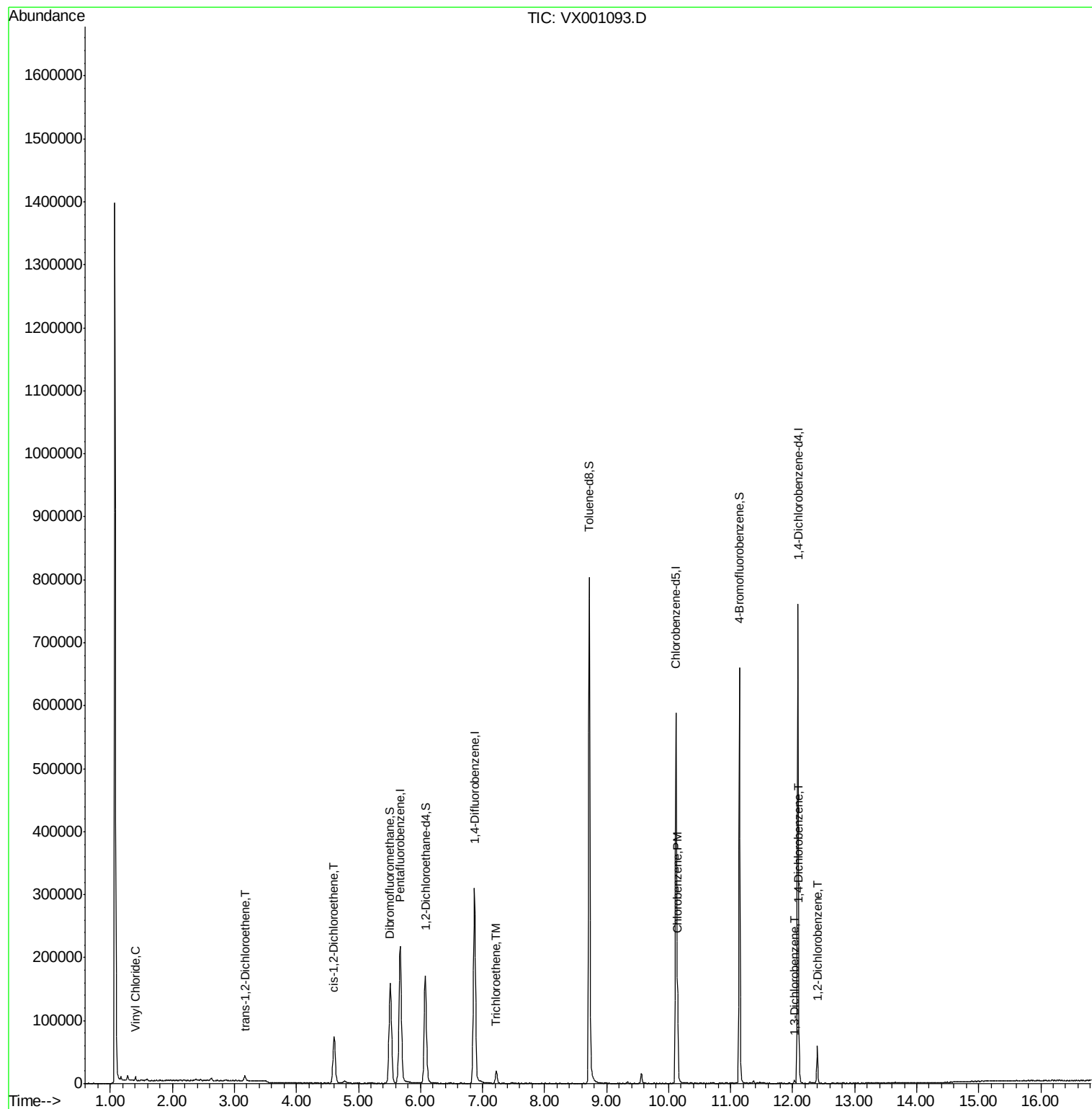
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	3435	1.26	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	2999	1.21	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	46805	17.01	ug/l	89
44) Trichloroethene	7.23	130	7747	2.40	ug/l	87
65) Chlorobenzene	10.15	112	57638	7.66	ug/l	97
87) 1,3-Dichlorobenzene	12.04	146	1597	0.29	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	15570	2.72	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	18230	3.37	ug/l	97

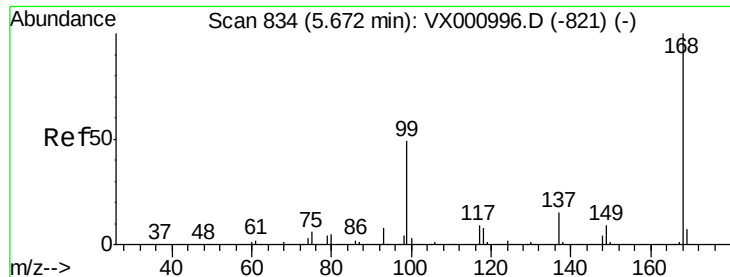
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001093.D

Acq: 24 Apr 2018 23:09

Instrument :

MSVOA_X

ClientSampleId :

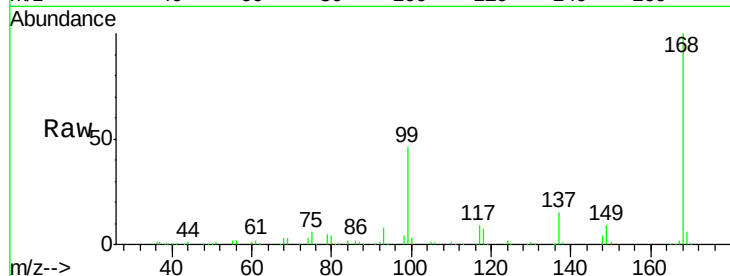
LF014RW133-180416

Tot Ion:168 Resp: 227793

Ion Ratio Lower Upper

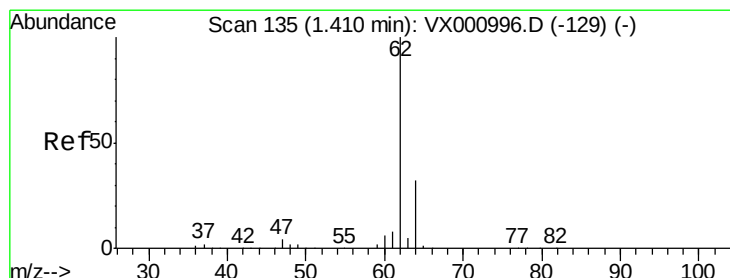
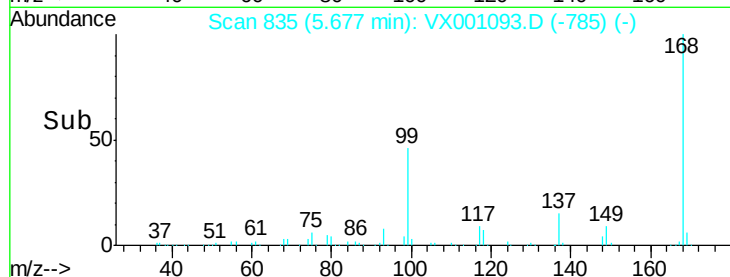
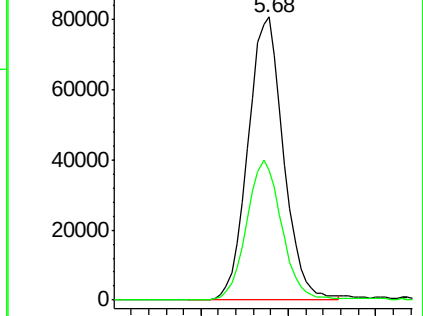
168 100

99 45.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.26 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX001093.D

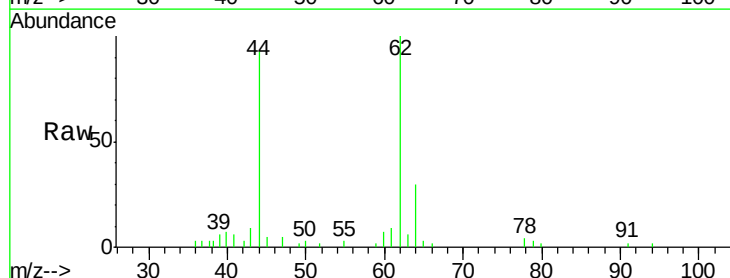
Acq: 24 Apr 2018 23:09

Tgt Ion: 62 Resp: 3435

Ion Ratio Lower Upper

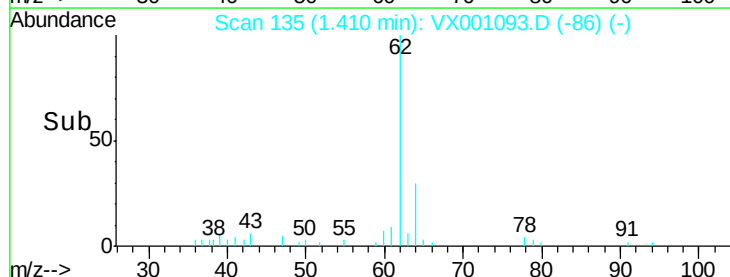
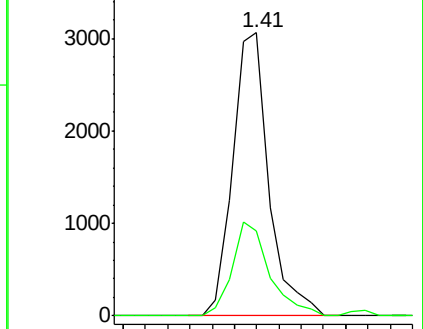
62 100

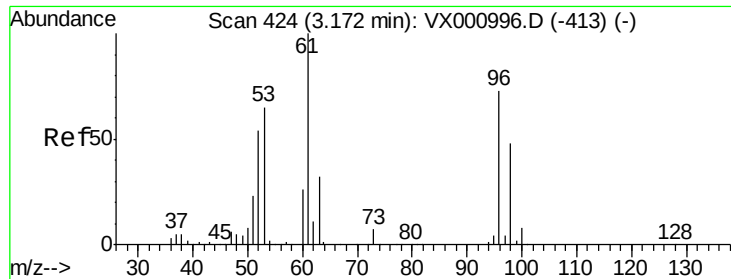
64 30.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.21 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001093.D

Acq: 24 Apr 2018 23:09

Instrument :

MSVOA_X

ClientSampleId :

LF014RW133-180416

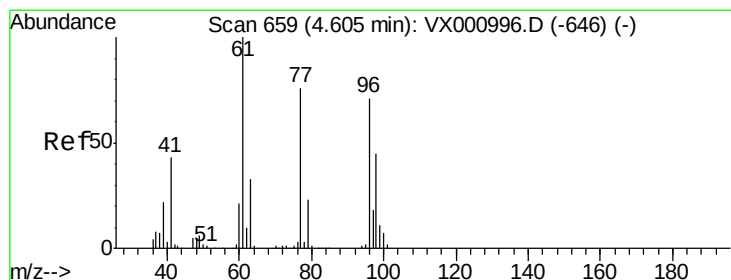
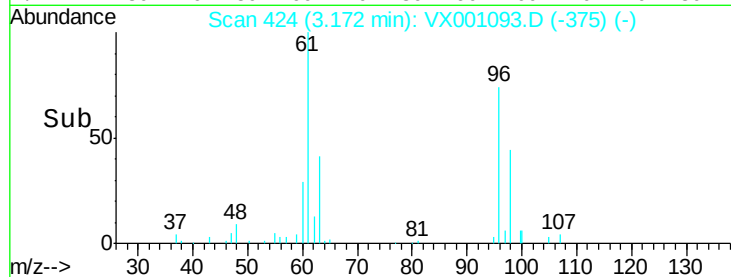
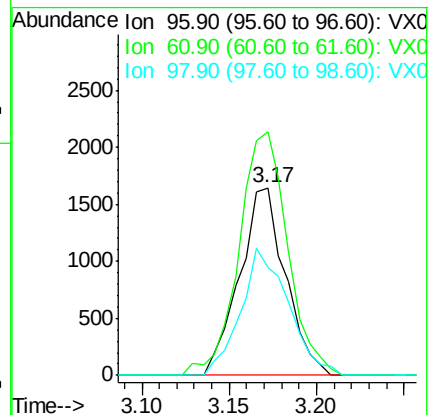
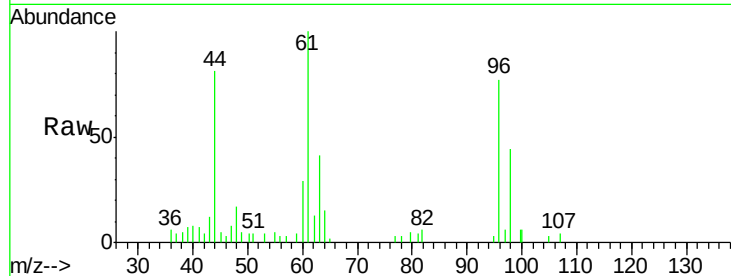
Tot Ion: 96 Resp: 2999

Ion Ratio Lower Upper

96 100

61 129.9 109.4 164.2

98 57.4 52.6 78.8



#27

cis-1,2-Dichloroethene

Concen: 17.01 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001093.D

Acq: 24 Apr 2018 23:09

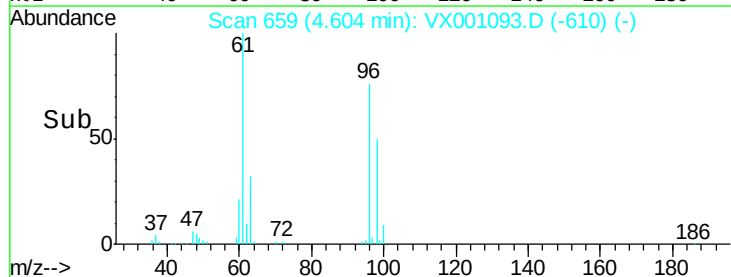
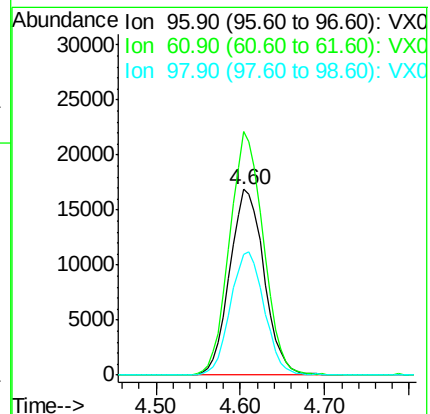
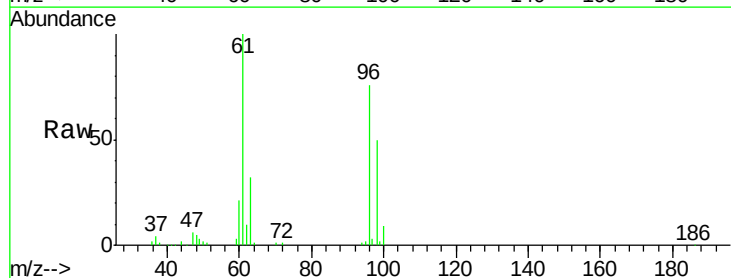
Tgt Ion: 96 Resp: 46805

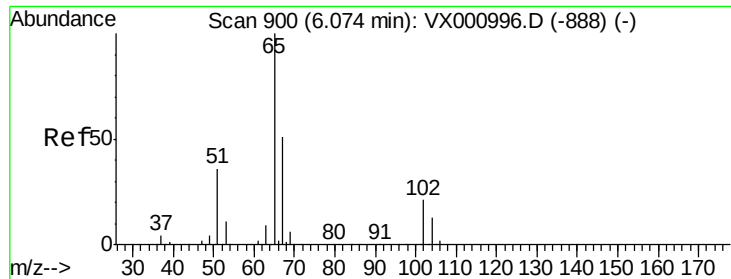
Ion Ratio Lower Upper

96 100

61 129.1 0.0 297.0

98 65.2 0.0 130.0

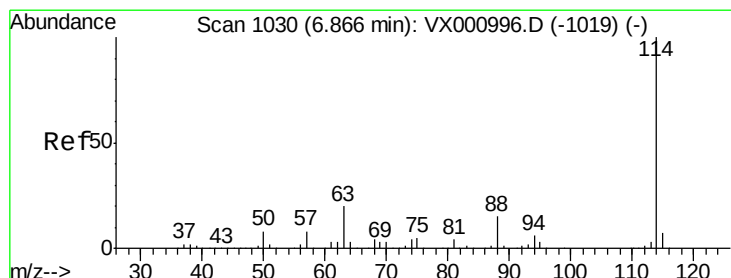
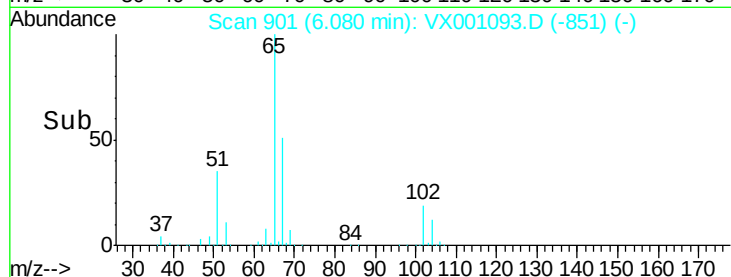
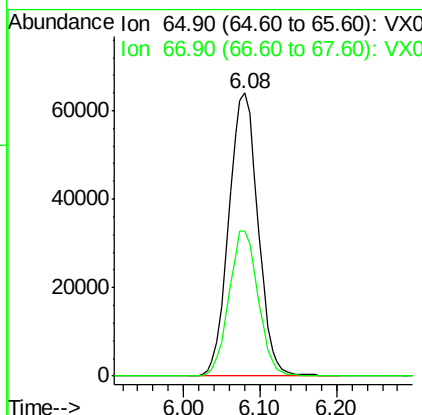
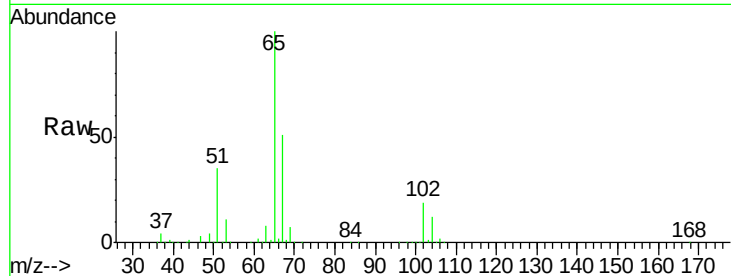




#33
 1,2-Dichloroethane-d4
 Concen: 58.71 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001093.D
 Acq: 24 Apr 2018 23:09

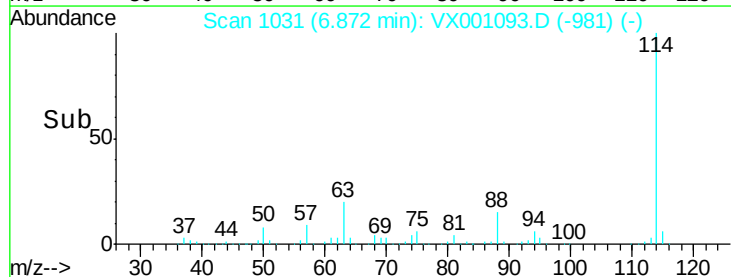
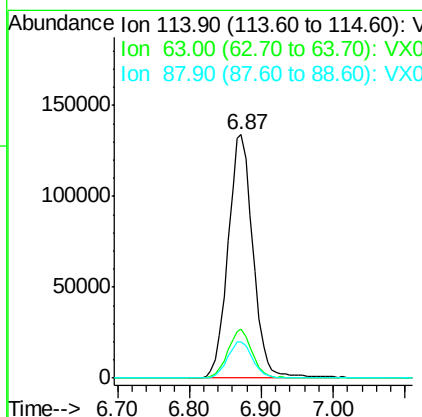
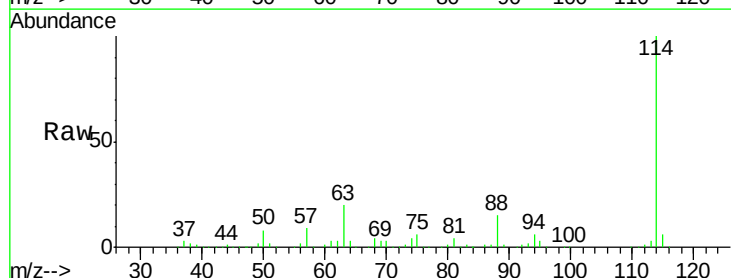
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW133-180416

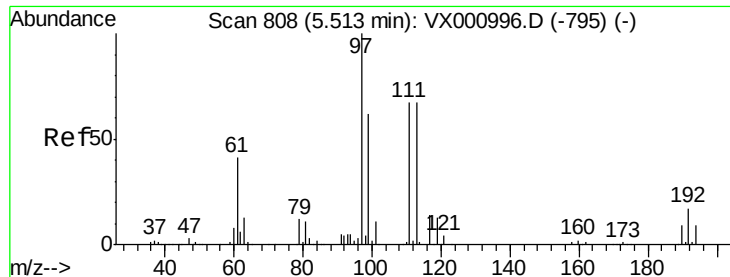
Tot Ion: 65 Resp: 169530
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001093.D
 Acq: 24 Apr 2018 23:09

Tgt Ion: 114 Resp: 322832
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.0 0.0 29.8

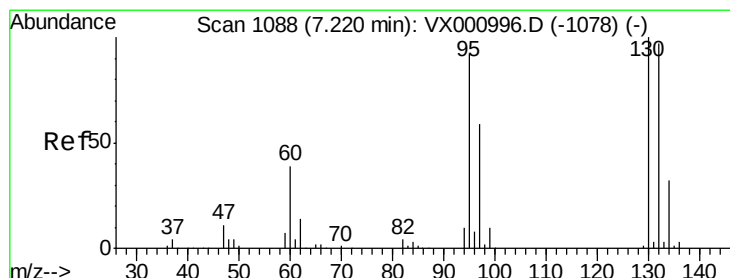
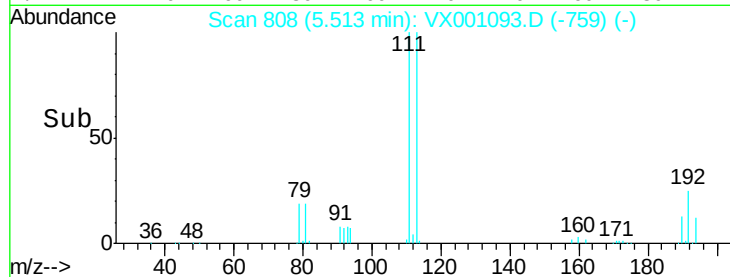
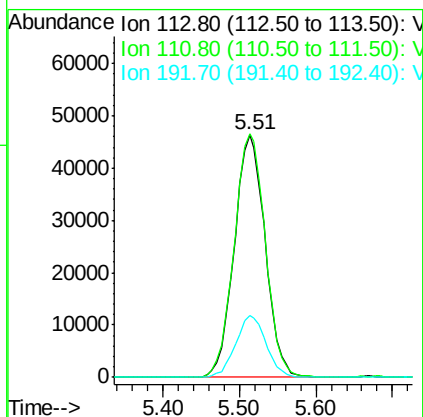
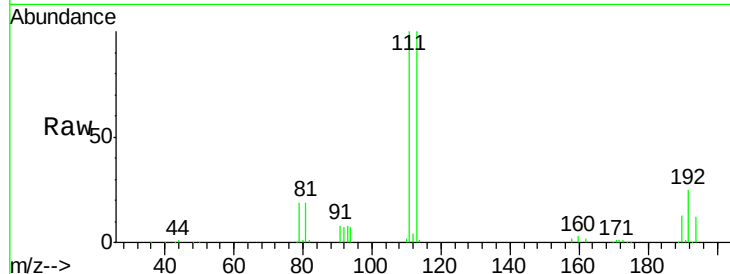




#35
 Dibromofluoromethane
 Concen: 52.54 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001093.D
 Acq: 24 Apr 2018 23:09

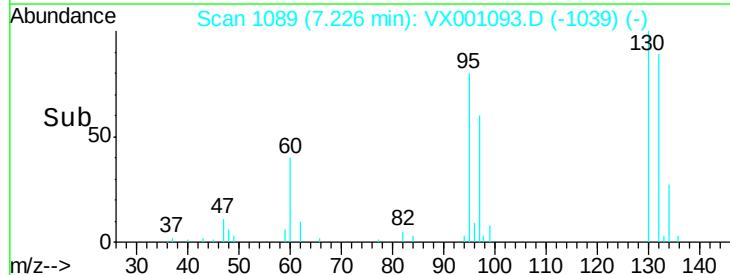
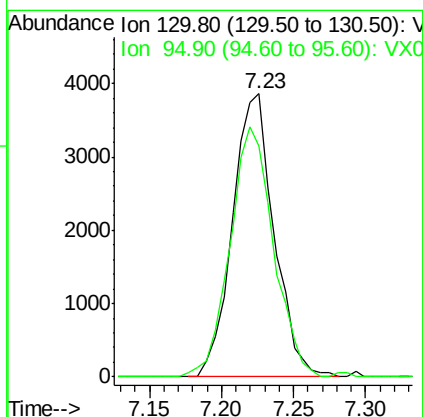
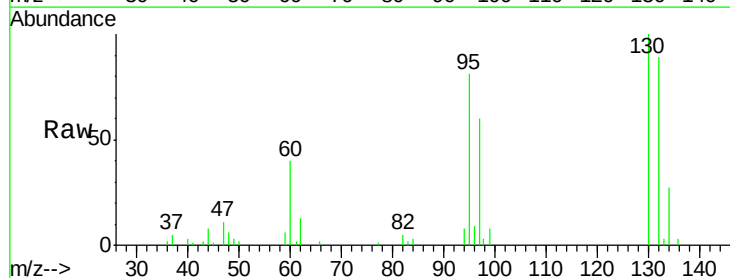
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW133-180416

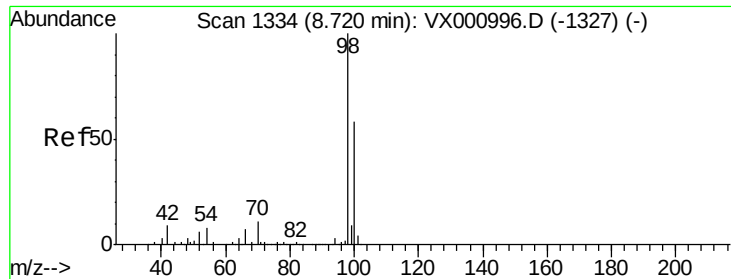
Tot Ion:113 Resp: 129345
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 25.2 20.4 30.6



#44
 Trichloroethene
 Concen: 2.40 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX001093.D
 Acq: 24 Apr 2018 23:09

Tgt Ion:130 Resp: 7747
 Ion Ratio Lower Upper
 130 100
 95 80.1 0.0 184.2

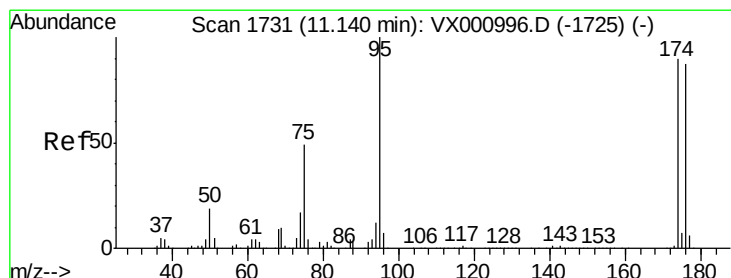
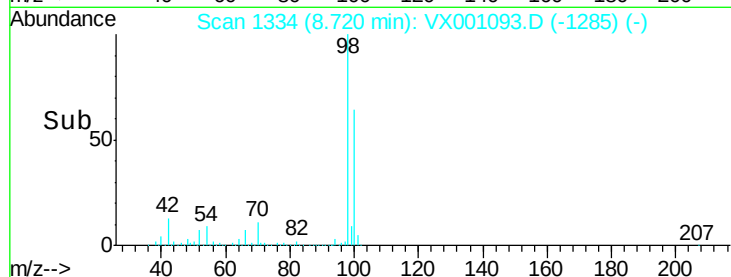
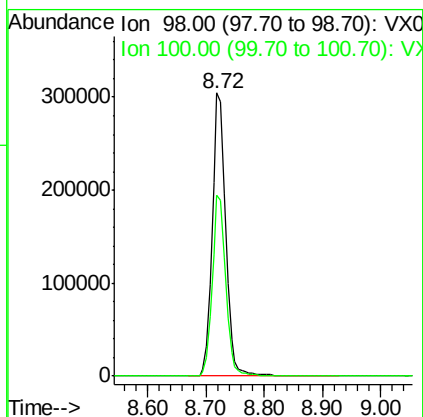
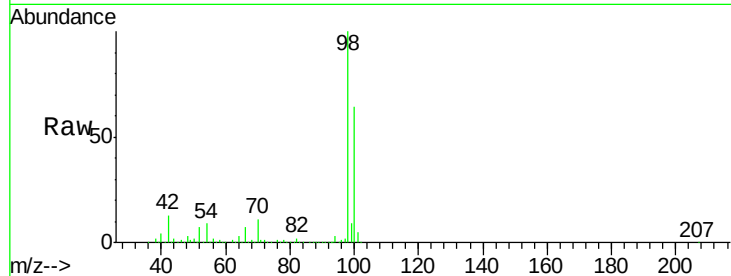




#50
Toluene-d8
Concen: 53.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001093.D
Acq: 24 Apr 2018 23:09

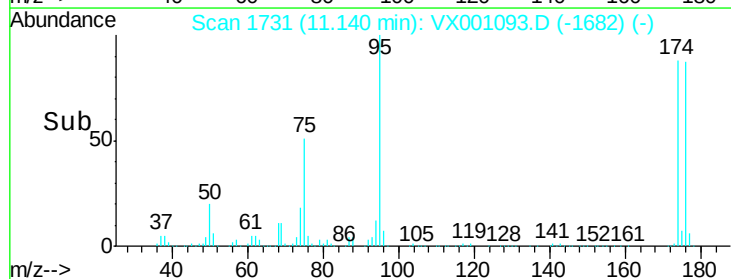
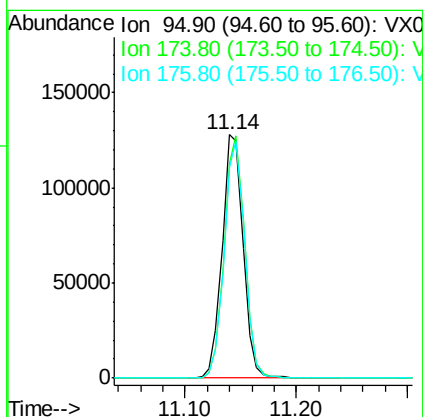
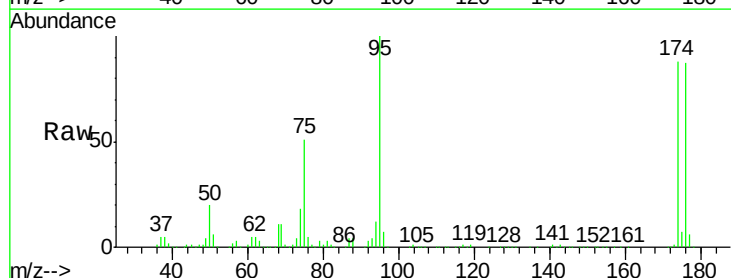
Instrument :
MSVOA_X
ClientSampleId :
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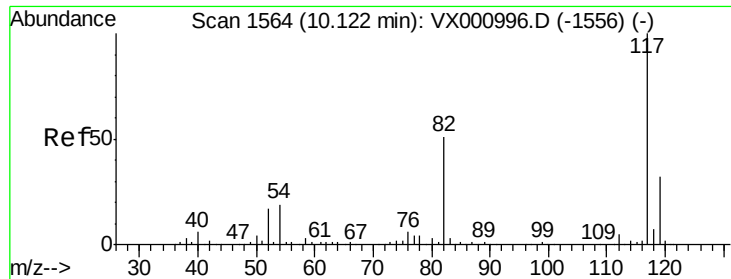
Tot Ion: 98 Resp: 490346
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001093.D
Acq: 24 Apr 2018 23:09

Tgt Ion: 95 Resp: 167159
Ion Ratio Lower Upper
95 100
174 97.2 0.0 198.4
176 95.2 0.0 192.0

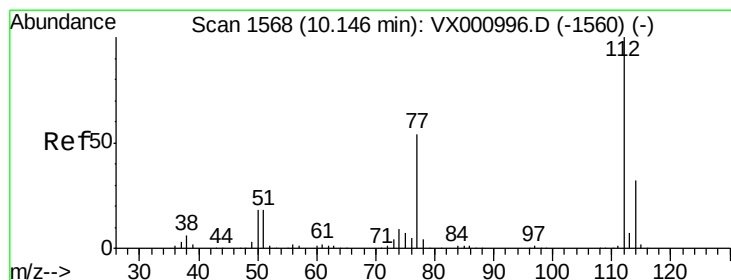
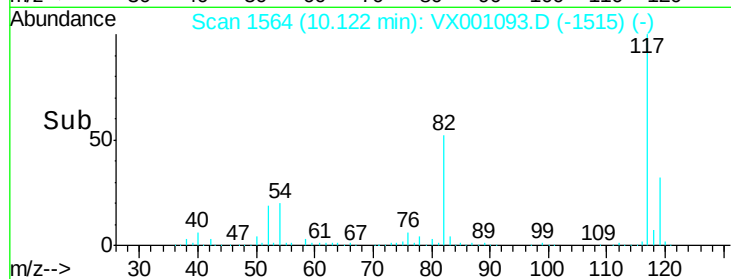
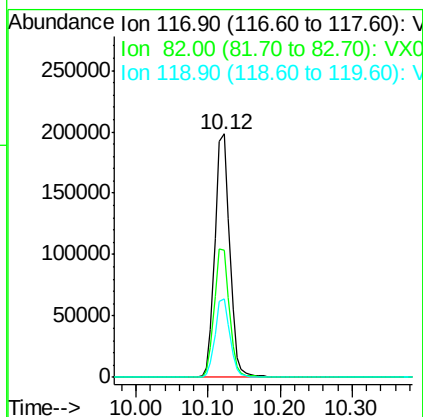
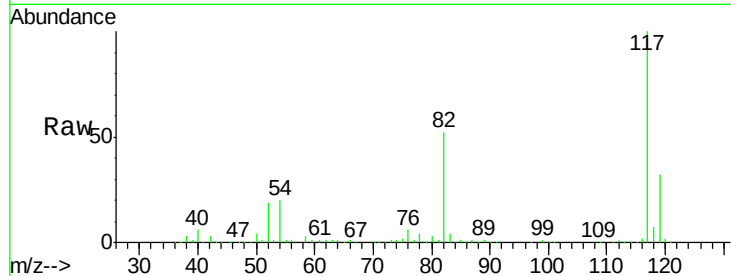




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001093.D
Acq: 24 Apr 2018 23:09

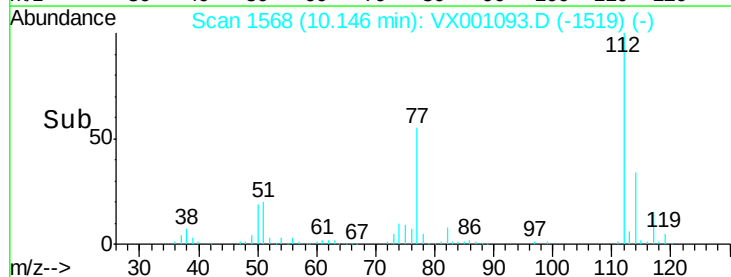
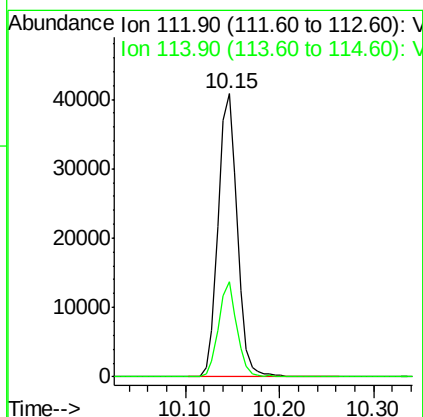
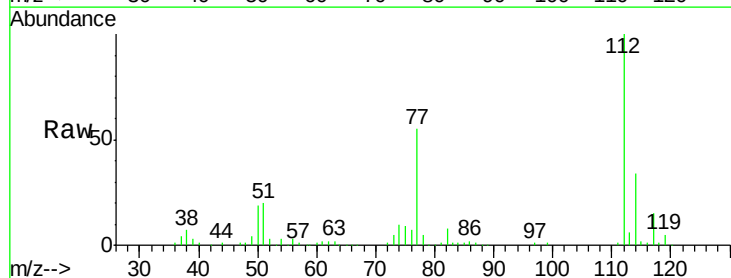
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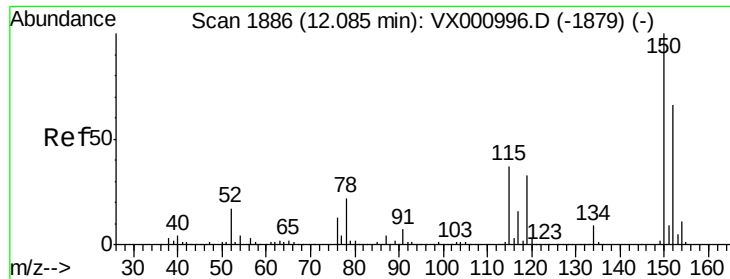
Tot Ion:117 Resp: 282575
Ion Ratio Lower Upper
117 100
82 52.4 40.6 60.8
119 32.1 26.0 39.0



#65
Chlorobenzene
Concen: 7.66 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001093.D
Acq: 24 Apr 2018 23:09

Tgt Ion:112 Resp: 57638
Ion Ratio Lower Upper
112 100
114 33.7 25.5 38.3

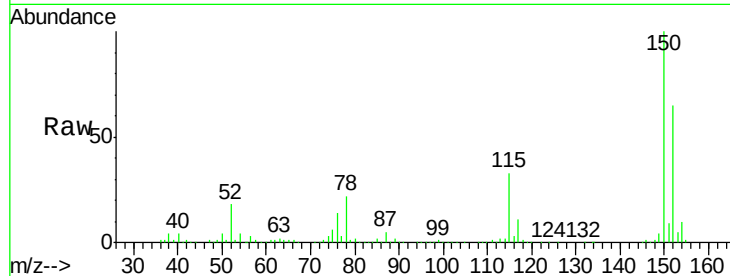




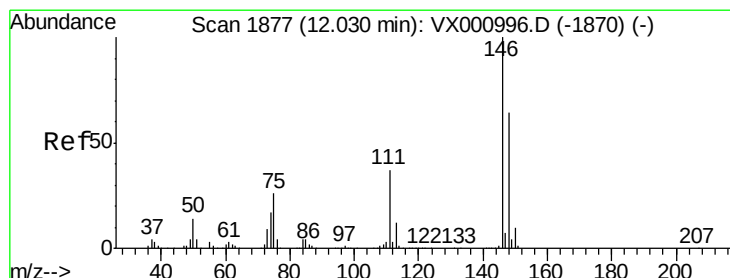
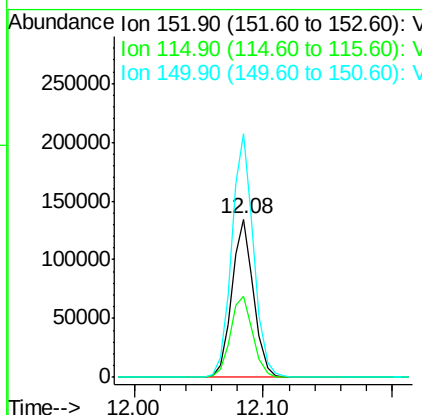
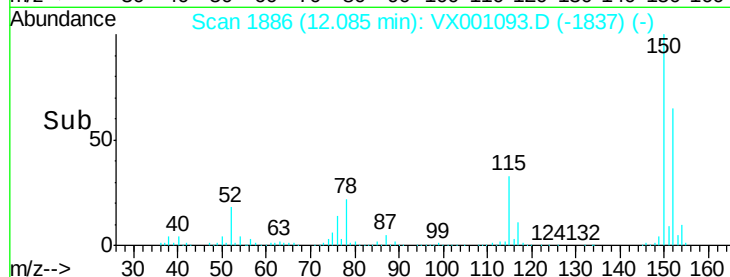
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX001093.D
 Acq: 24 Apr 2018 23:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW133-180416

Tot Ion:152 Resp: 157168
 Ion Ratio Lower Upper
 152 100
 115 53.4 38.2 114.6
 150 155.8 0.0 350.4

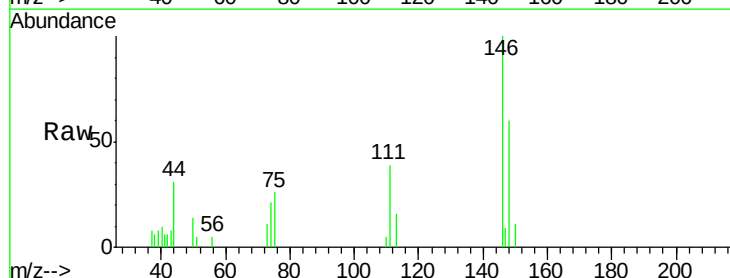


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

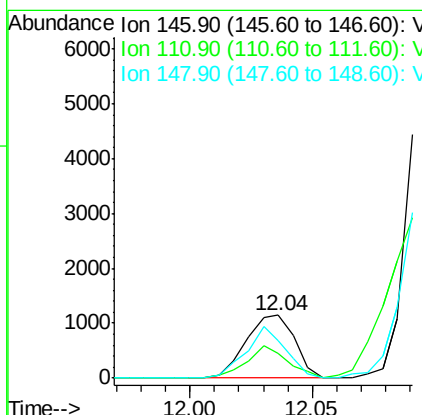
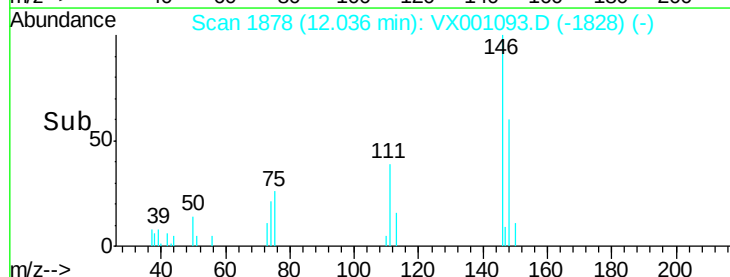


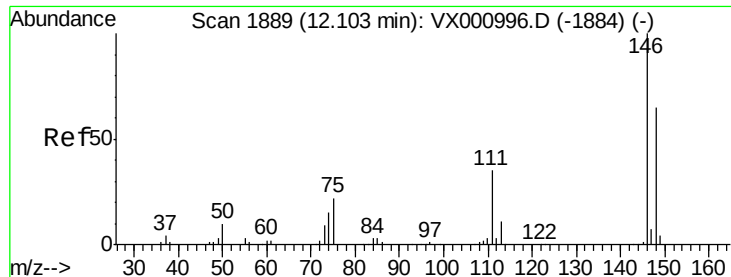
#87
 1,3-Dichlorobenzene
 Concen: 0.29 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VX001093.D
 Acq: 24 Apr 2018 23:09

Tgt Ion:146 Resp: 1597
 Ion Ratio Lower Upper
 146 100
 111 43.0 18.3 54.8
 148 66.6 32.2 96.6



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





#88

1,4-Dichlorobenzene

Concen: 2.72 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001093.D

Acq: 24 Apr 2018 23:09

Instrument :

MSVOA_X

ClientSampleId :

LF014RW133-180416

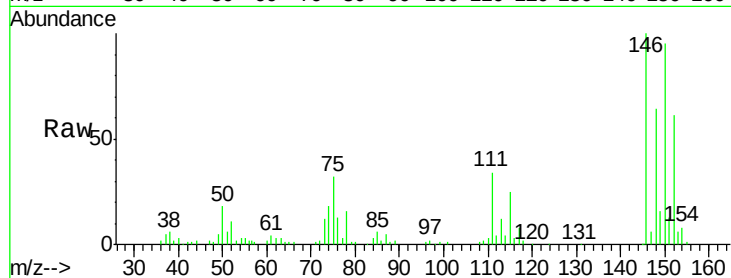
Tot Ion:146 Resp: 15570

Ion Ratio Lower Upper

146 100

111 47.6 18.0 54.0

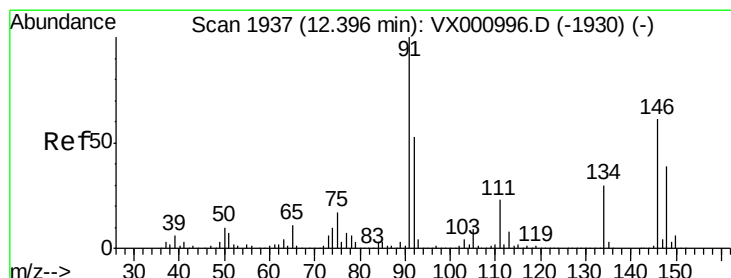
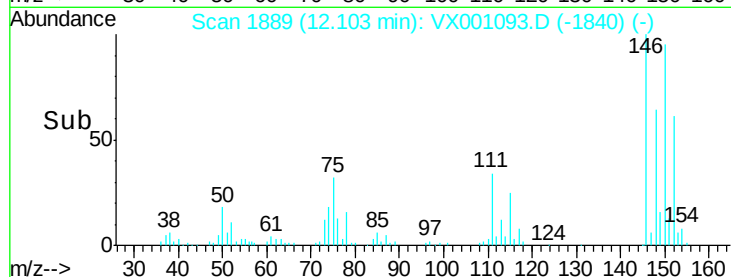
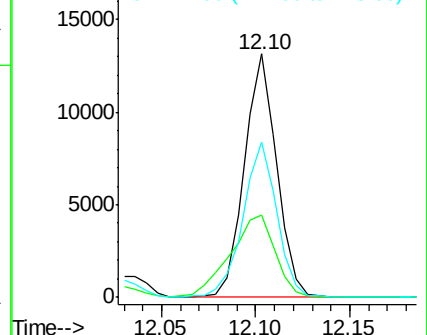
148 67.3 32.4 97.0



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



#91

1,2-Dichlorobenzene

Concen: 3.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001093.D

Acq: 24 Apr 2018 23:09

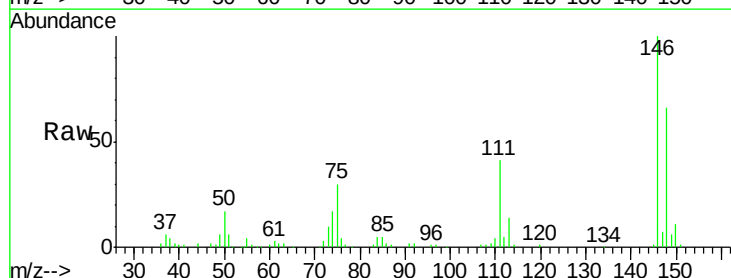
Tgt Ion:146 Resp: 18230

Ion Ratio Lower Upper

146 100

111 40.8 18.6 56.0

148 65.4 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

