

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010011.D
 Acq On : 01 Jun 2019 02:31
 Operator : JC/SP
 Sample : K3129-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW144-190528

Quant Time: Jun 01 06:49:18 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	177030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112855	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	118849	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
35) Dibromofluoromethane	5.50	113	87861	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	356837	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	123013	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

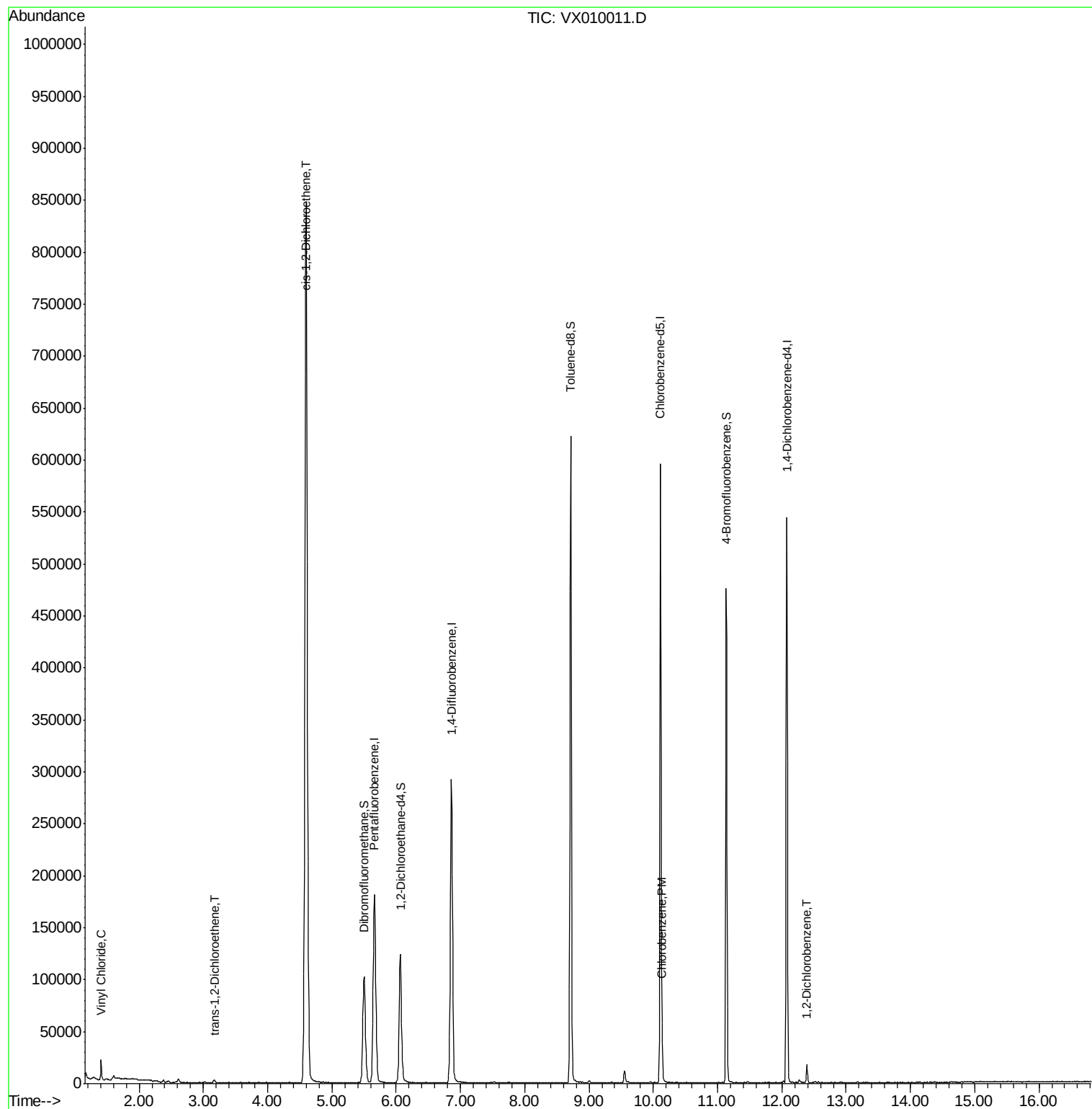
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	12774	4.872	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	1040	0.521	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	519543	225.624	ug/l	87
65) Chlorobenzene	10.14	112	12803	2.395	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	5287	1.419	ug/l	97

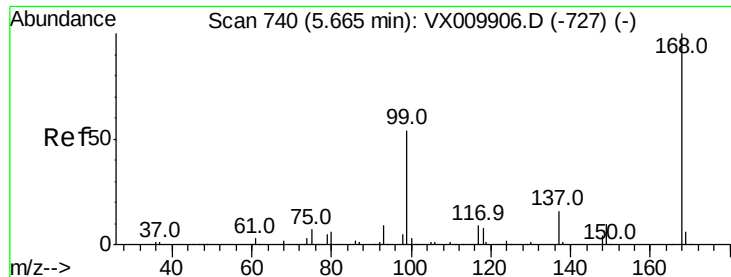
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010011.D

Acq: 01 Jun 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

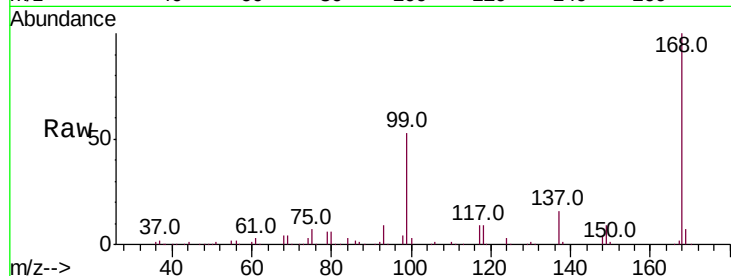
LF012MW144-190528

Tot Ion:168 Resp: 177030

Ion Ratio Lower Upper

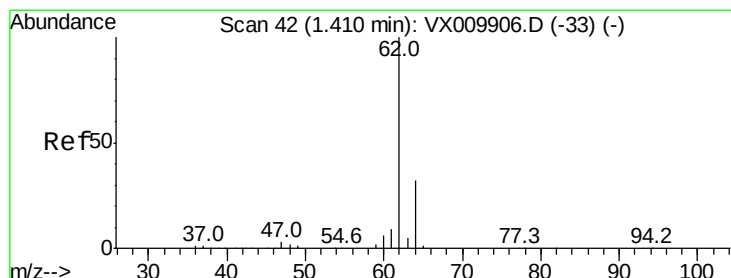
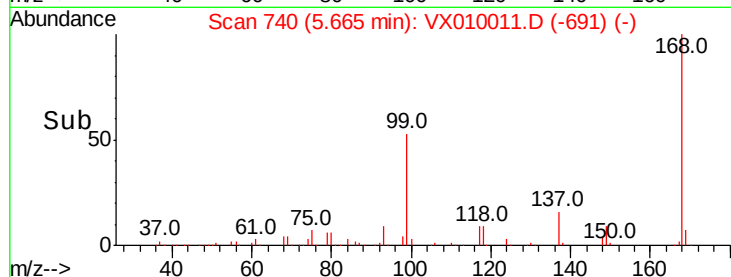
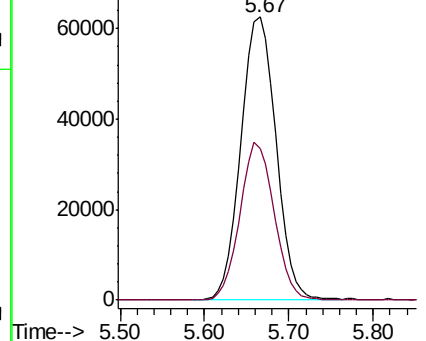
168 100

99 53.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 4.872 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010011.D

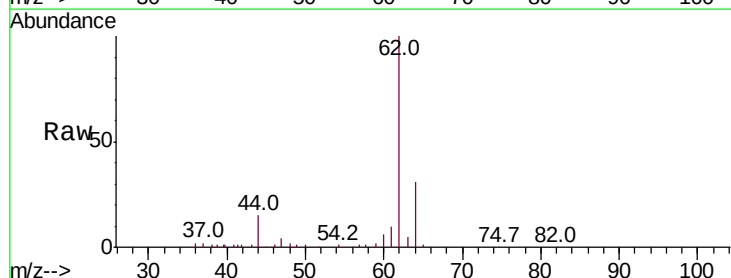
Acq: 01 Jun 2019 02:31

Tgt Ion: 62 Resp: 12774

Ion Ratio Lower Upper

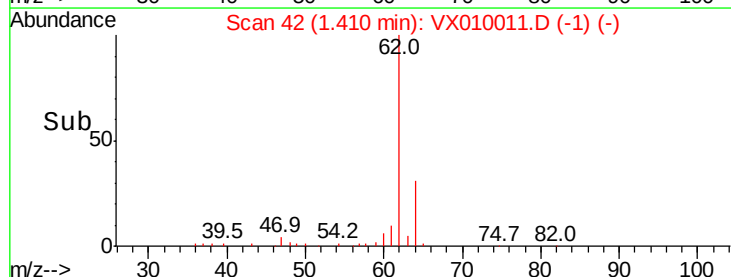
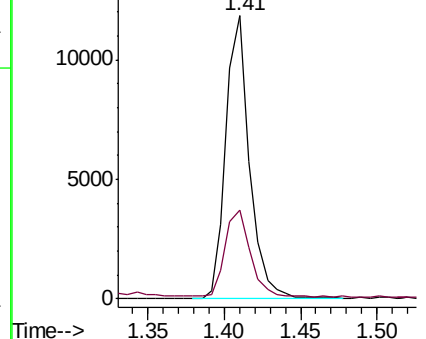
62 100

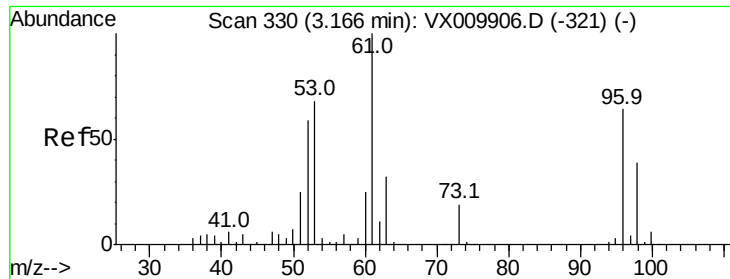
64 30.6 25.7 38.5



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: 0.521 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010011.D

Acq: 01 Jun 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

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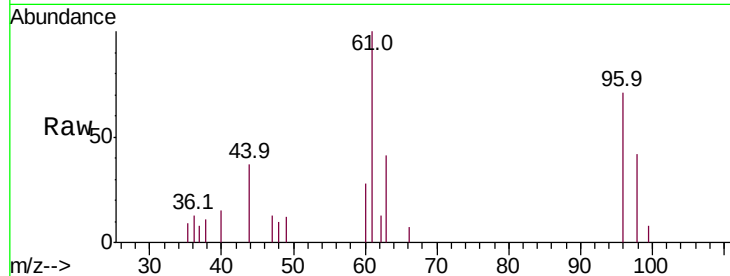
Tot Ion: 96 Resp: 1040

Ion Ratio Lower Upper

96 100

61 141.7 125.7 188.5

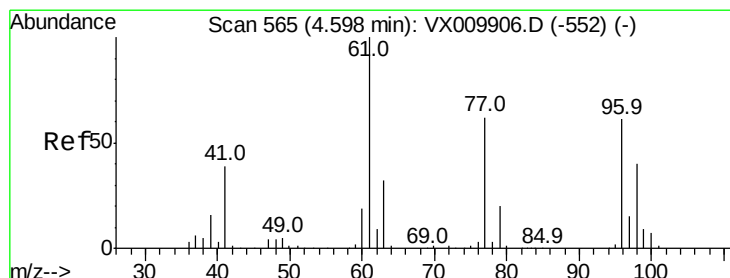
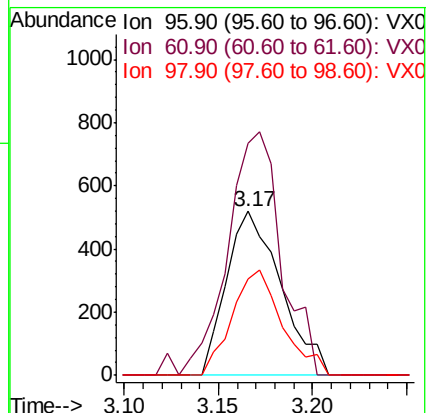
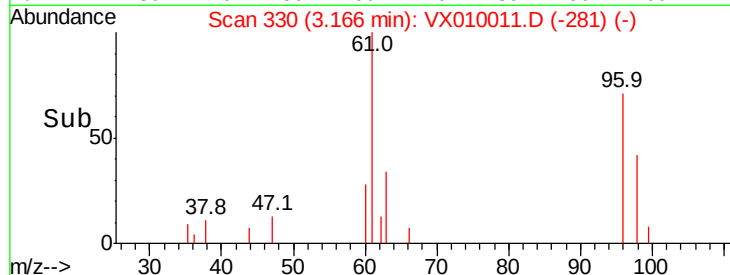
98 58.9 49.0 73.6



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



#27

cis-1,2-Dichloroethene

Concen: 225.624 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX010011.D

Acq: 01 Jun 2019 02:31

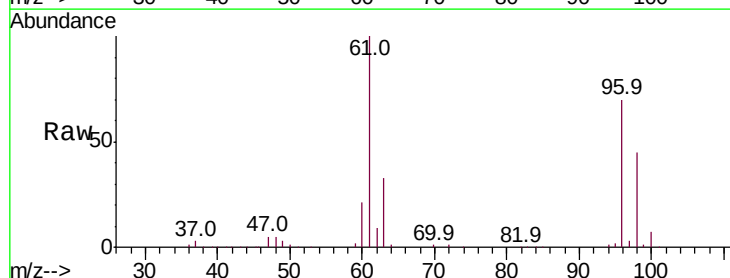
Tgt Ion: 96 Resp: 519543

Ion Ratio Lower Upper

96 100

61 143.3 0.0 334.0

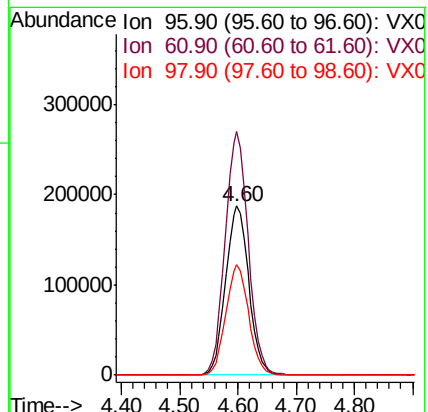
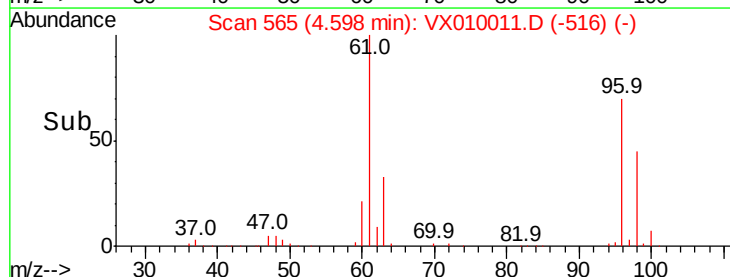
98 64.2 0.0 131.6

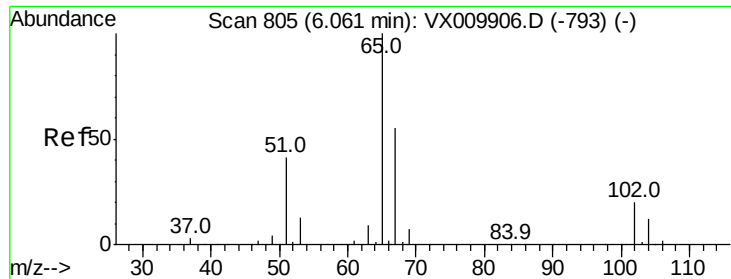


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

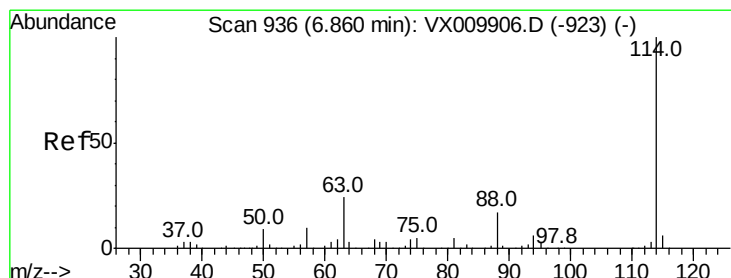
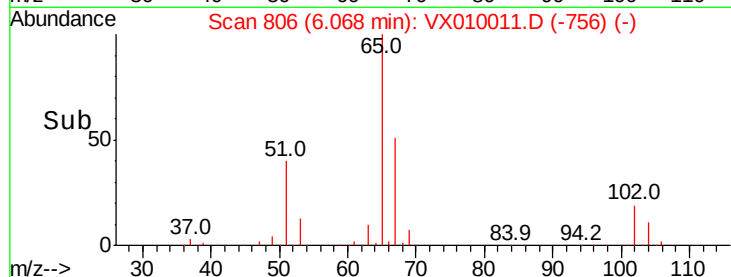
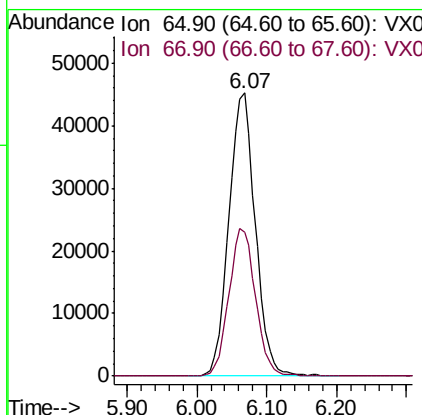
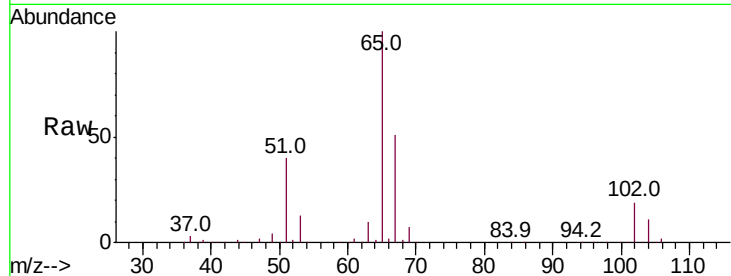




#33
 1,2-Dichloroethane-d4
 Concen: 47.526 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010011.D
 Acq: 01 Jun 2019 02:31

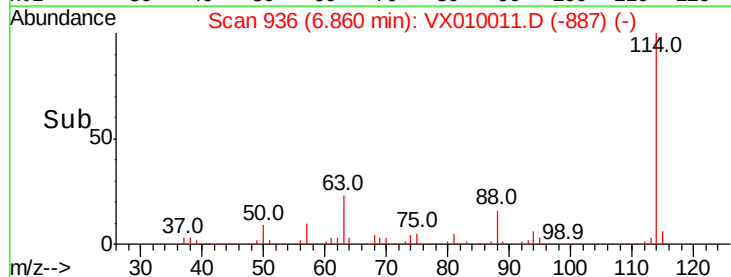
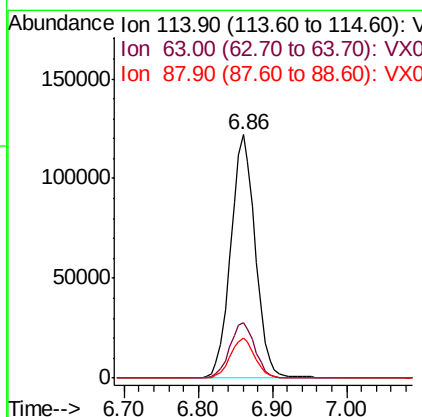
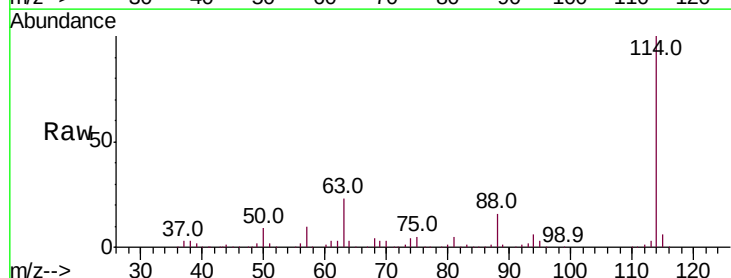
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW144-190528

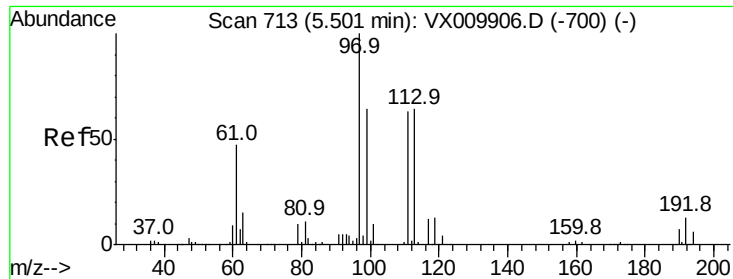
Tot Ion: 65 Resp: 118849
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010011.D
 Acq: 01 Jun 2019 02:31

Tgt Ion: 114 Resp: 281565
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.3 0.0 33.0

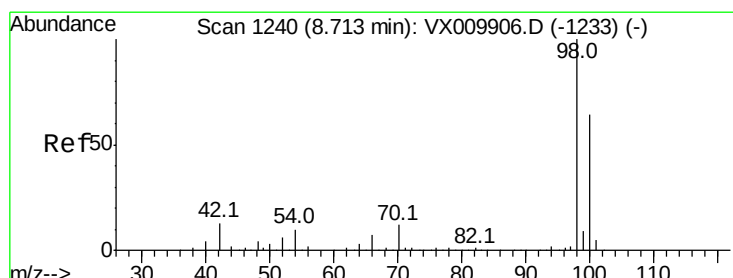
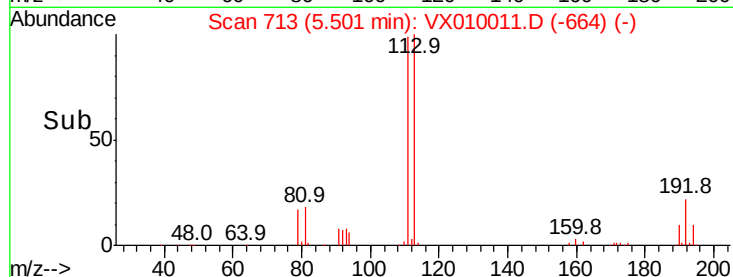
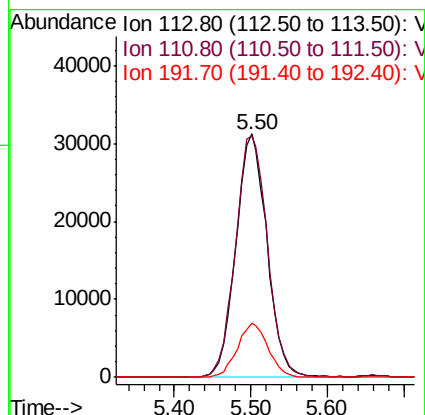
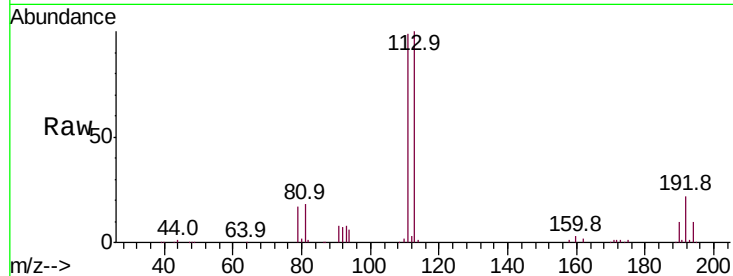




#35
 Dibromofluoromethane
 Concen: 49.633 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010011.D
 Acq: 01 Jun 2019 02:31

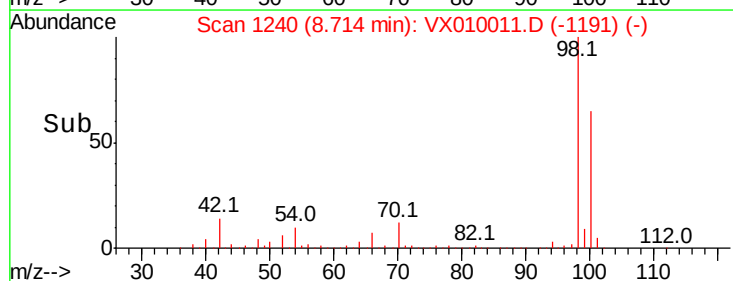
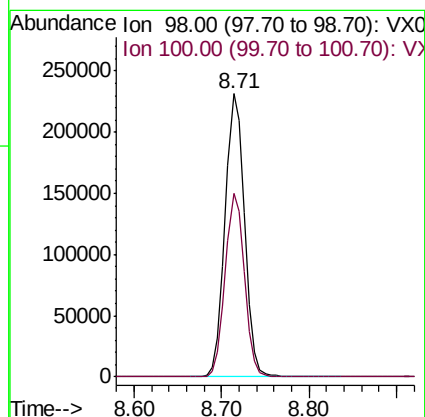
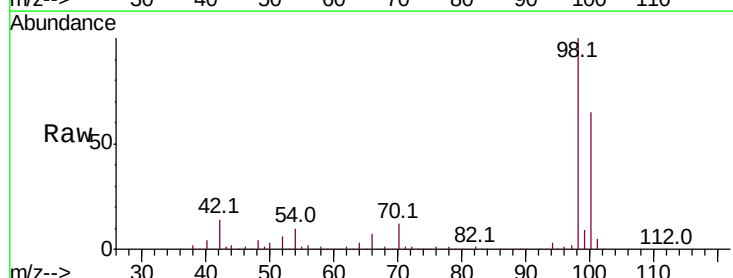
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW144-190528

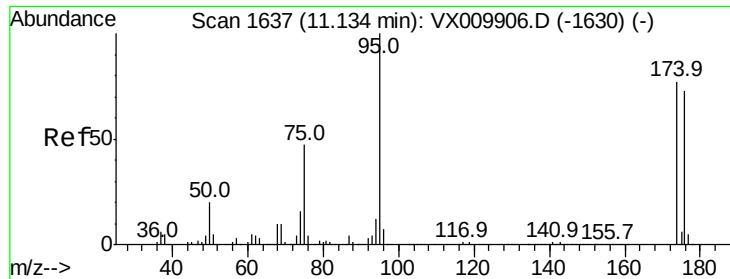
Tot Ion:113 Resp: 87861
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 22.0 17.1 25.7



#50
 Toluene-d8
 Concen: 49.641 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010011.D
 Acq: 01 Jun 2019 02:31

Tgt Ion: 98 Resp: 356837
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 47.643 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010011.D

Acq: 01 Jun 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

LF012MW144-190528

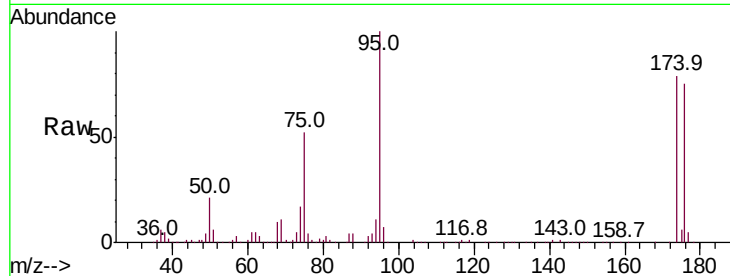
Tot Ion: 95 Resp: 123013

Ion Ratio Lower Upper

95 100

174 82.8 0.0 160.4

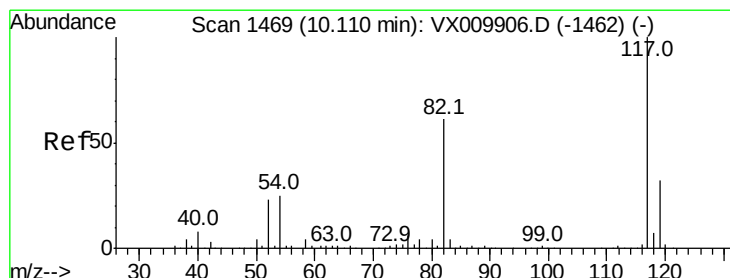
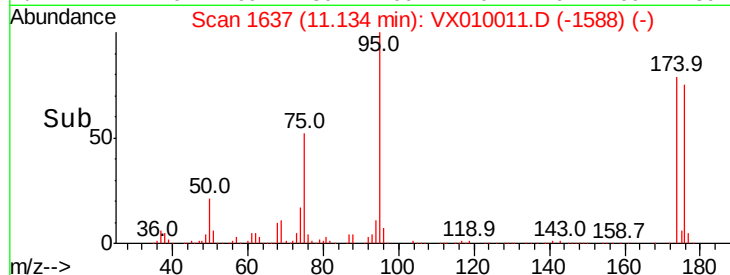
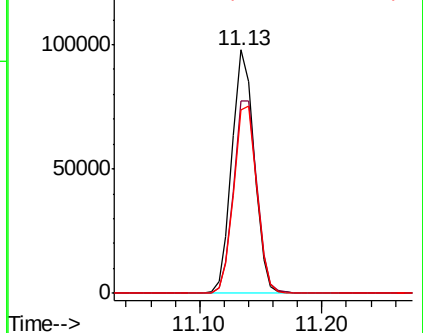
176 79.7 0.0 154.6



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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010011.D

Acq: 01 Jun 2019 02:31

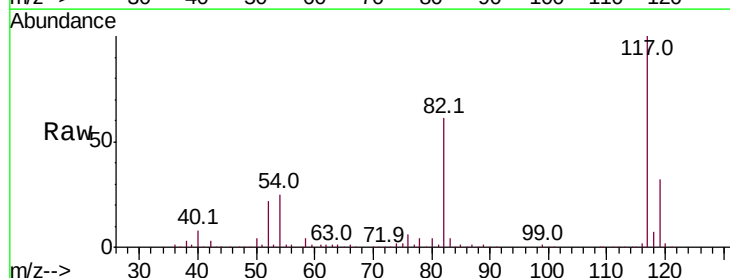
Tgt Ion: 117 Resp: 255345

Ion Ratio Lower Upper

117 100

82 60.7 49.2 73.8

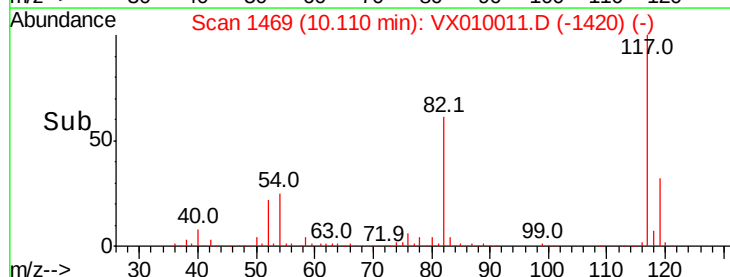
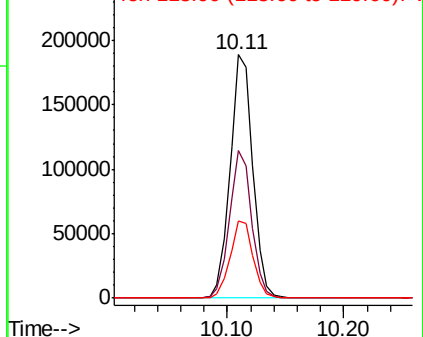
119 31.9 25.2 37.8

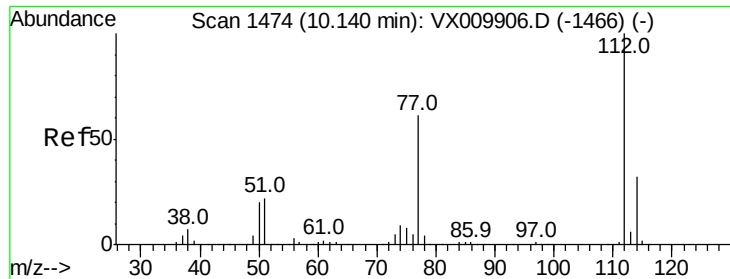


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

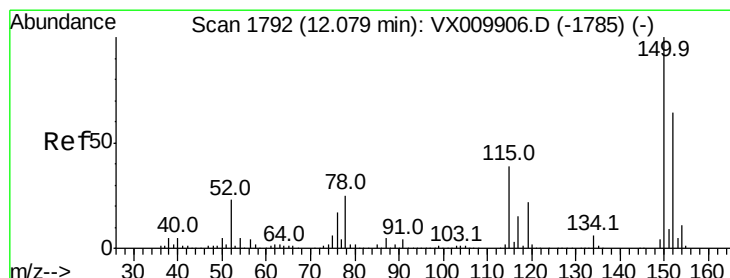
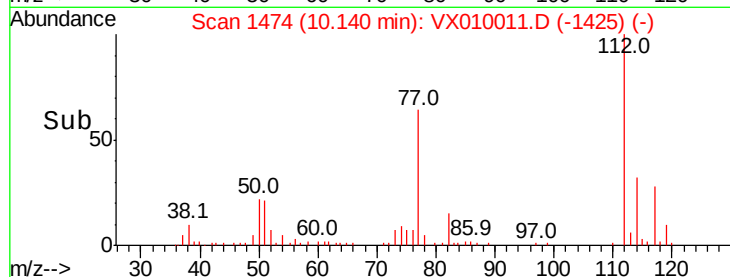
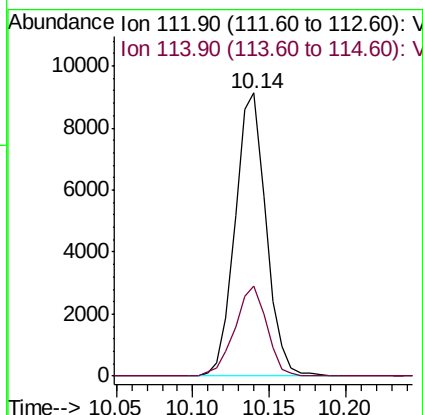
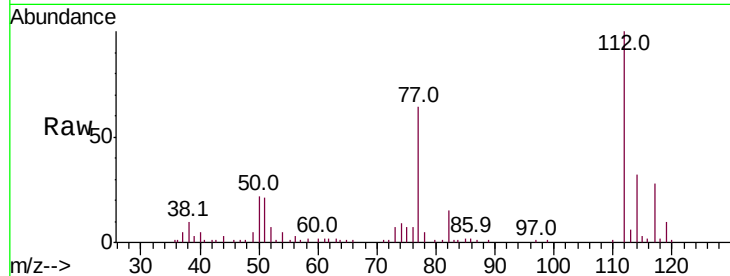




#65
Chlorobenzene
Concen: 2.395 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX010011.D
Acq: 01 Jun 2019 02:31

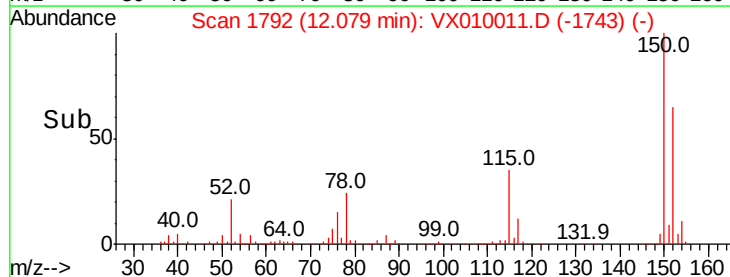
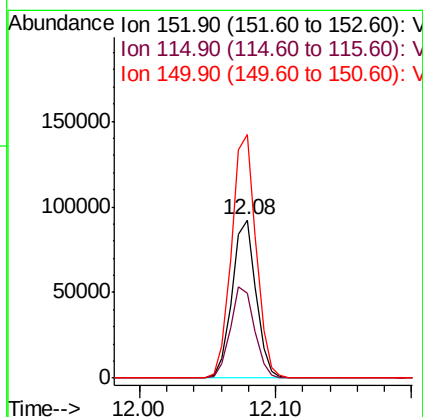
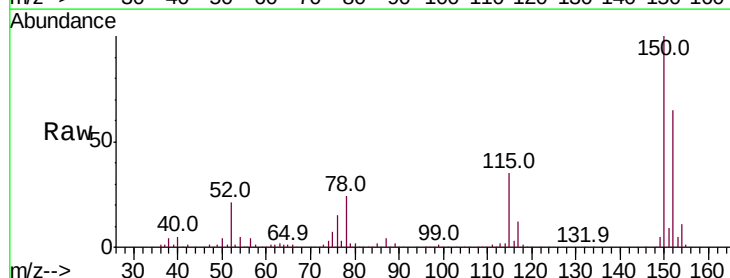
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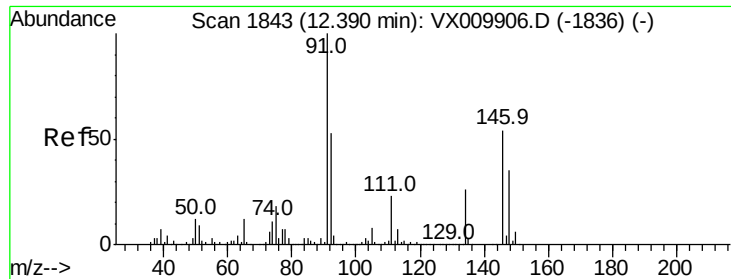
Tot Ion:112 Resp: 12803
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010011.D
Acq: 01 Jun 2019 02:31

Tgt Ion:152 Resp: 112855
Ion Ratio Lower Upper
152 100
115 58.6 41.4 124.2
150 157.5 0.0 345.2





#91

1,2-Dichlorobenzene

Concen: 1.419 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010011.D

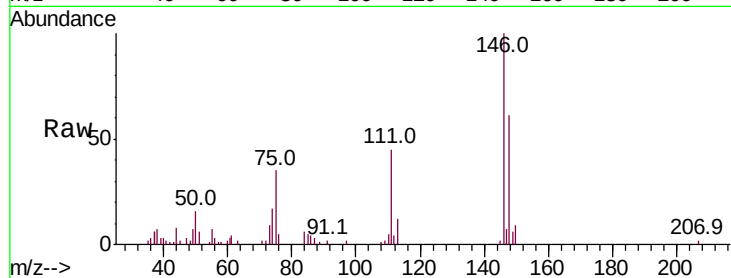
Acq: 01 Jun 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

LF012MW144-190528



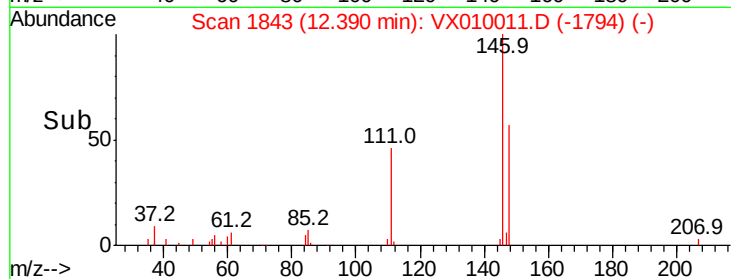
Tot Ion:146 Resp: 5287

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

148 61.2 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

