

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001131.D
 Acq On : 25 Apr 2018 20:20
 Operator : JC/MD
 Sample : J2464-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW005-180417

Quant Time: Apr 26 05:26:41 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	5.67	168	225991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170403	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	166814	58.23	ug/l	0.00
Spiked Amount			Recovery	=	116.46%	
35) Dibromofluoromethane	5.51	113	127364	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	8.72	98	488148	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	11.14	95	178829	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

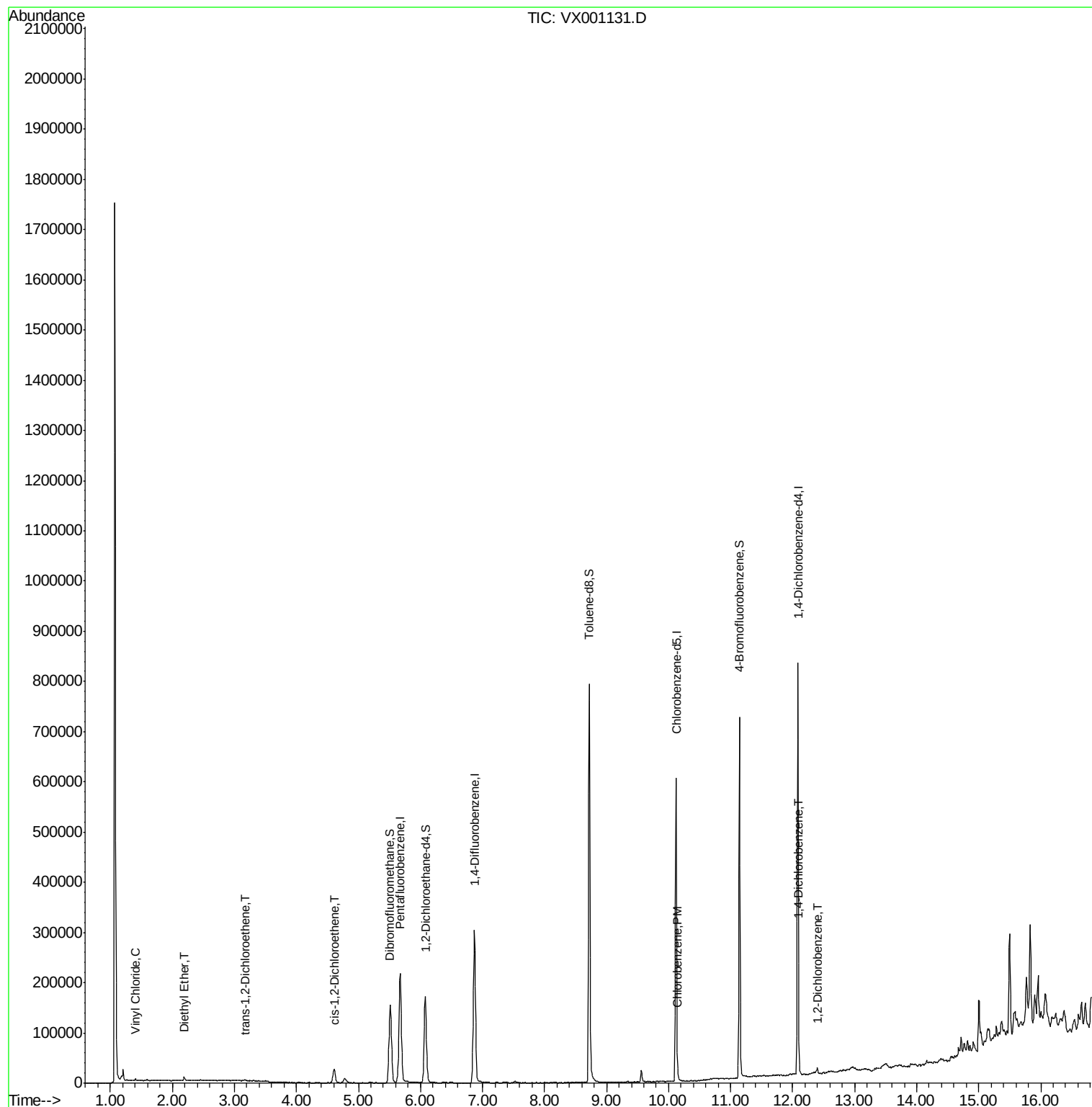
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	1868	0.69	ug/l #	83
8) Diethyl Ether	2.20	74	2410	1.61	ug/l	83
21) trans-1,2-Dichloroethene	3.17	96	601	0.25	ug/l #	79
27) cis-1,2-Dichloroethene	4.60	96	17151	6.28	ug/l	88
65) Chlorobenzene	10.15	112	2459	0.32	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	4630	0.75	ug/l #	61
91) 1,2-Dichlorobenzene	12.40	146	4104	0.70	ug/l	94

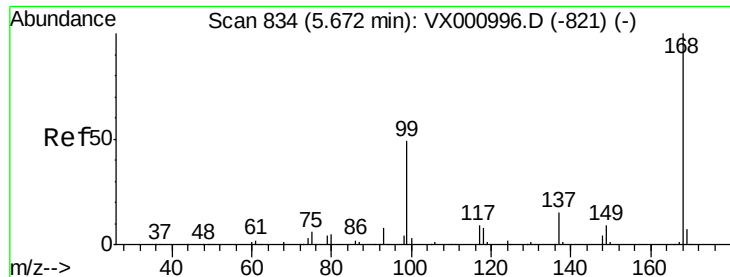
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

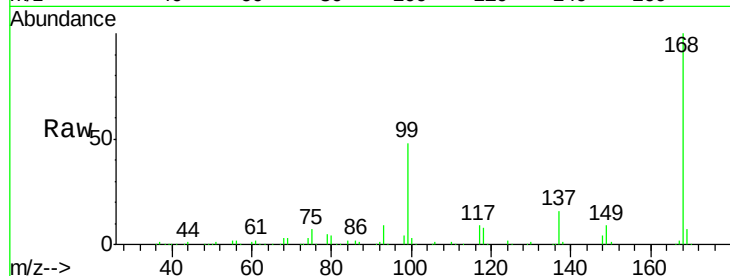
LF017MW005-180417

Tot Ion:168 Resp: 225991

Ion Ratio Lower Upper

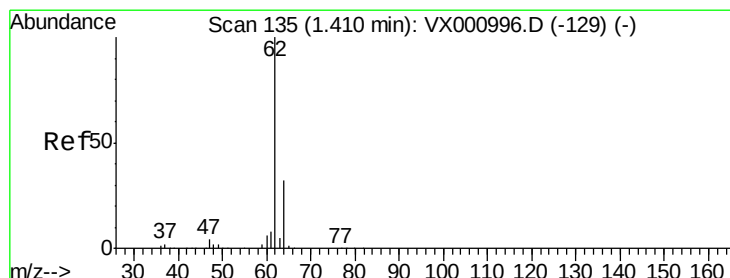
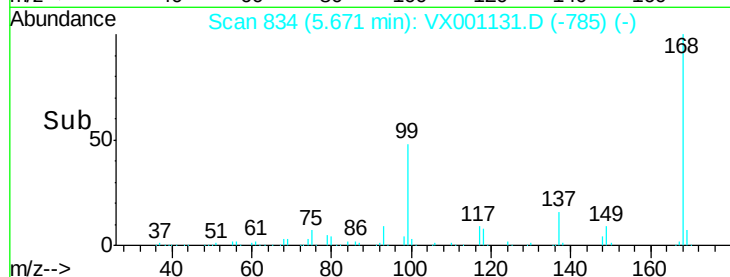
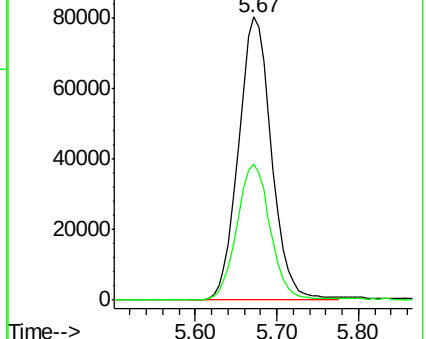
168 100

99 48.3 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: 0.69 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001131.D

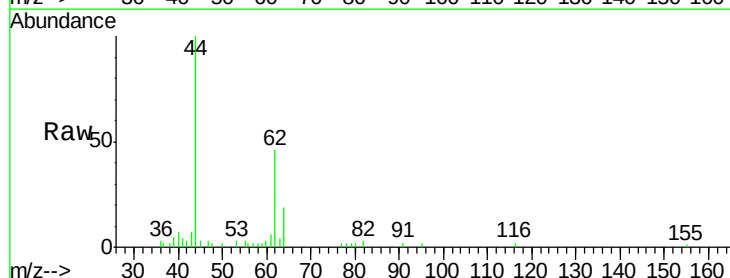
Acq: 25 Apr 2018 20:20

Tgt Ion: 62 Resp: 1868

Ion Ratio Lower Upper

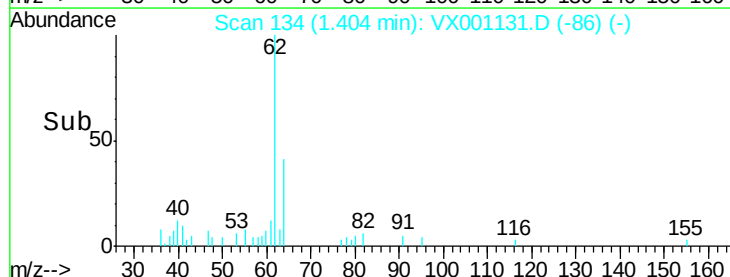
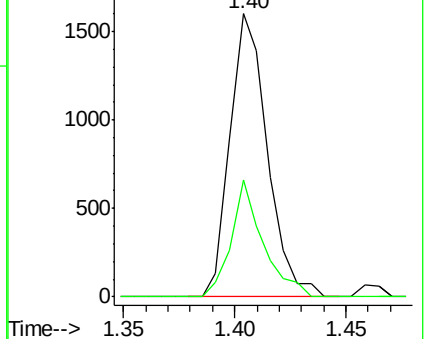
62 100

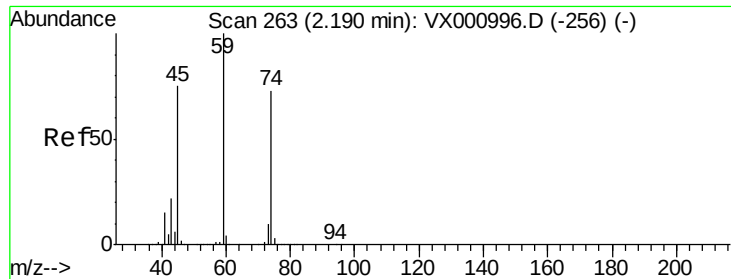
64 41.4 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#8

Diethyl Ether

Concen: 1.61 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

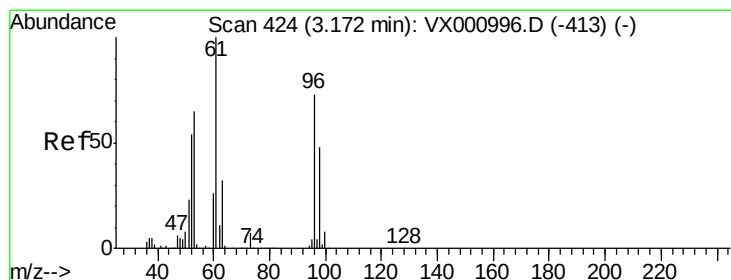
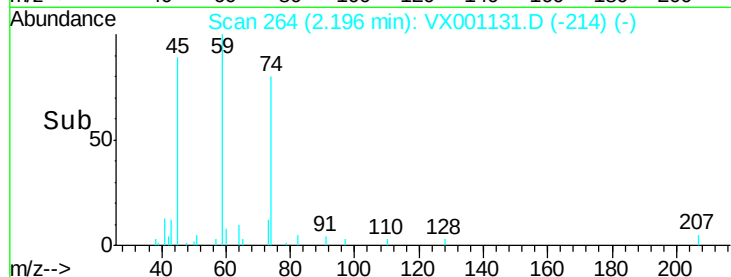
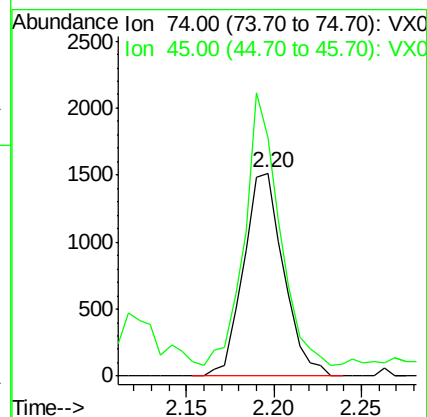
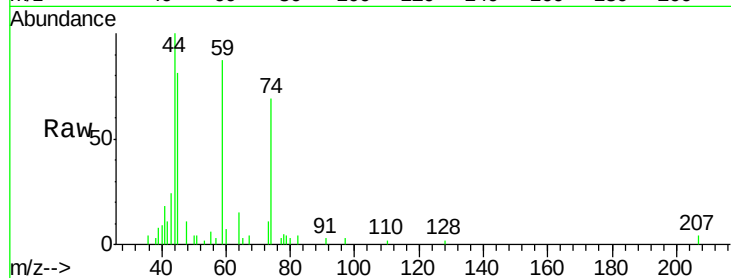
LF017MW005-180417

Tot Ion: 74 Resp: 2410

Ion Ratio Lower Upper

74 100

45 115.1 49.0 147.0



#21

trans-1,2-Dichloroethene

Concen: 0.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

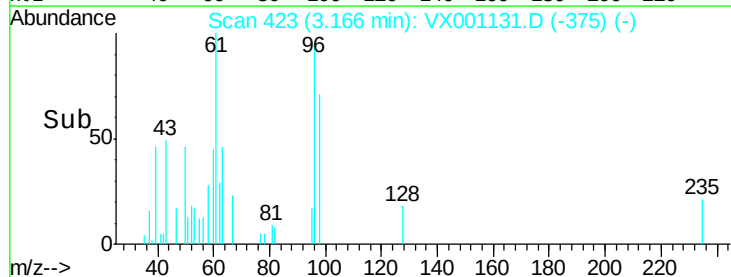
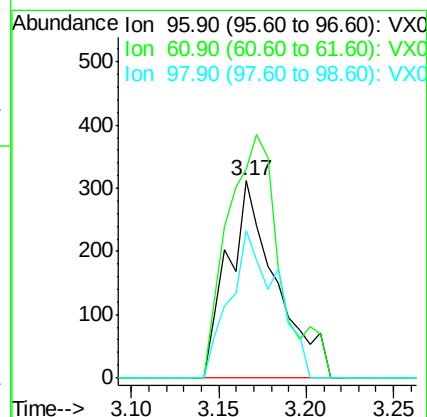
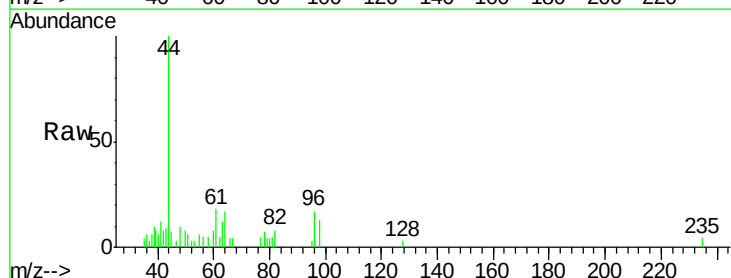
Tgt Ion: 96 Resp: 601

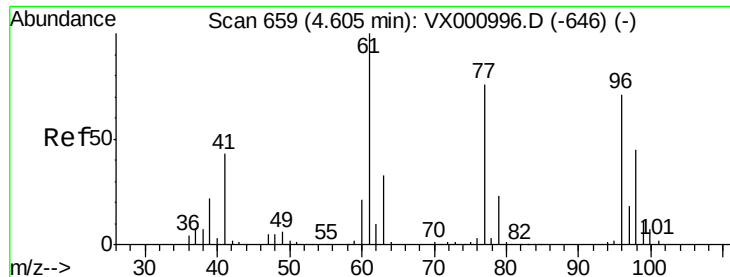
Ion Ratio Lower Upper

96 100

61 105.8 109.4 164.2#

98 74.7 52.6 78.8



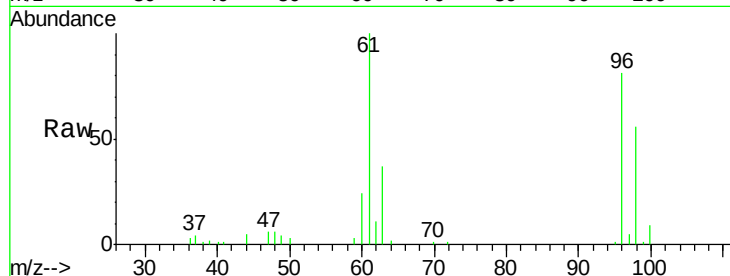


#27

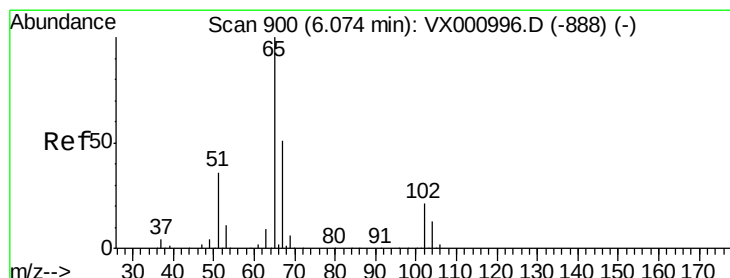
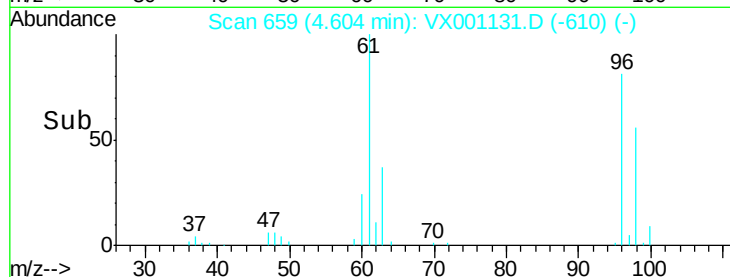
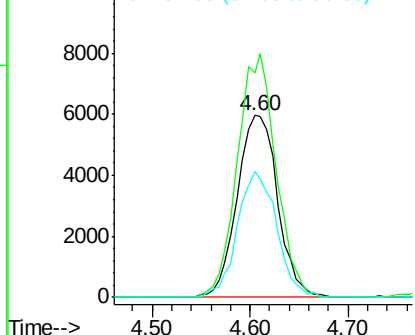
cis-1,2-Dichloroethene
 Concen: 6.28 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001131.D
 Acq: 25 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW005-180417

Tot Ion: 96 Resp: 17151
 Ion Ratio Lower Upper
 96 100
 61 127.5 0.0 297.0
 98 66.8 0.0 130.0



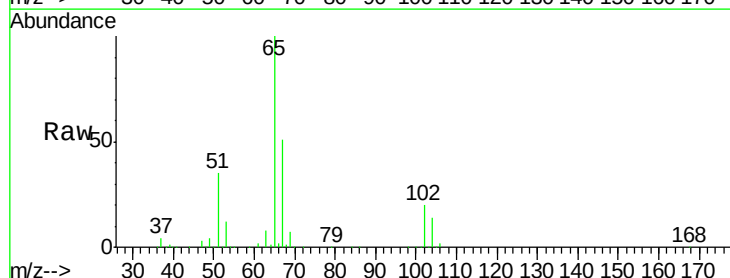
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



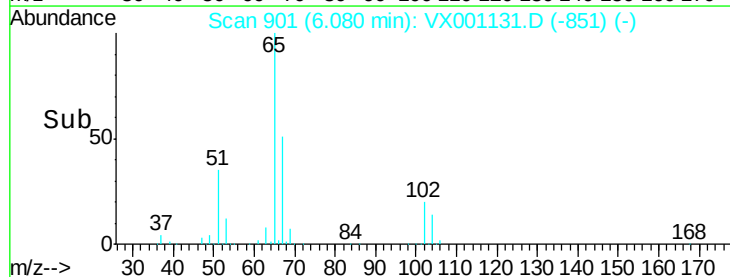
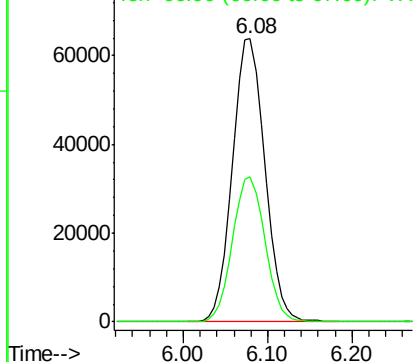
#33

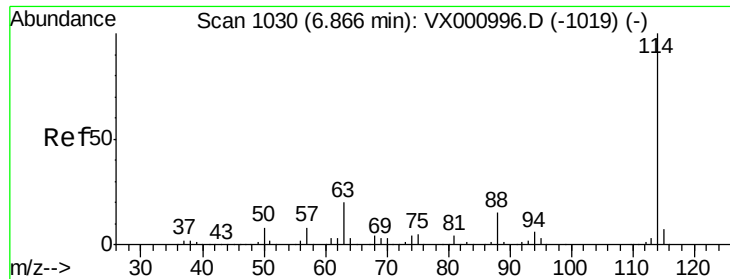
1,2-Dichloroethane-d4
 Concen: 58.23 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001131.D
 Acq: 25 Apr 2018 20:20

Tgt Ion: 65 Resp: 166814
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

LF017MW005-180417

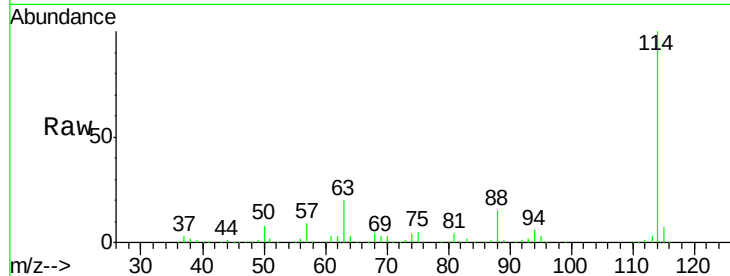
Tot Ion:114 Resp: 319637

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

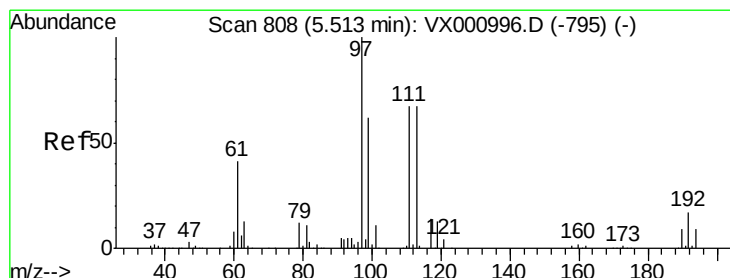
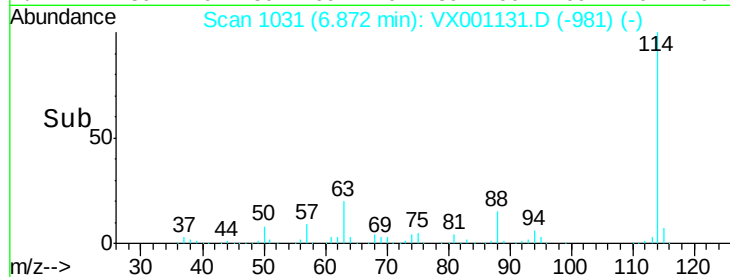
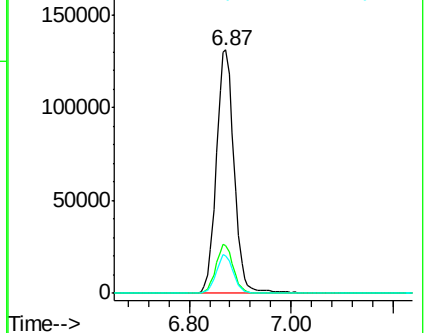
88 15.3 0.0 29.8



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: 52.26 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

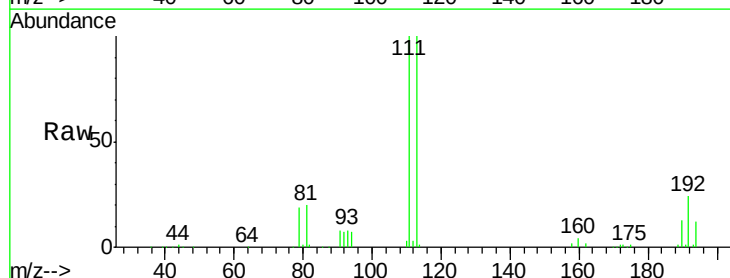
Tgt Ion:113 Resp: 127364

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.2

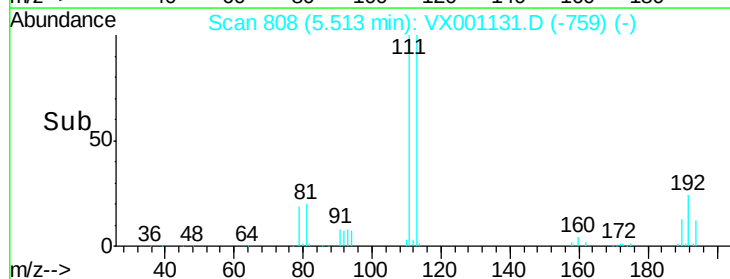
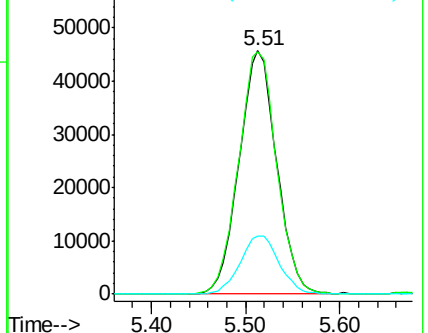
192 24.9 20.4 30.6

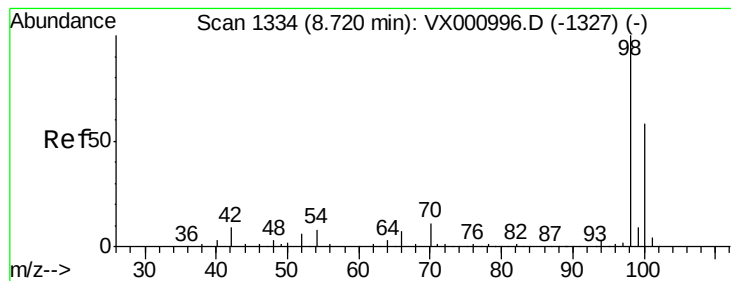


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.16 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

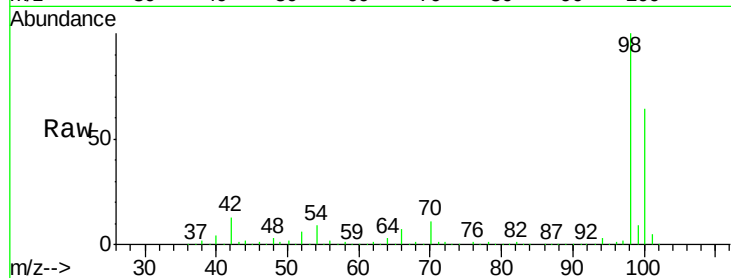
LF017MW005-180417

Tot Ion: 98 Resp: 488148

Ion Ratio Lower Upper

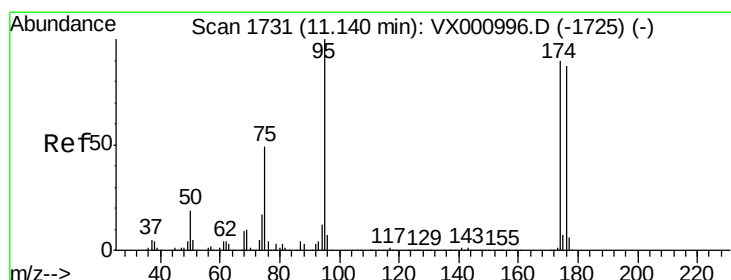
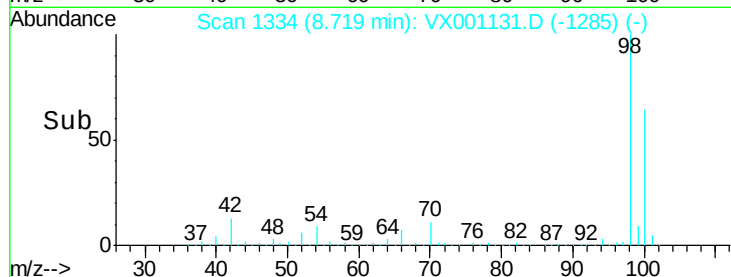
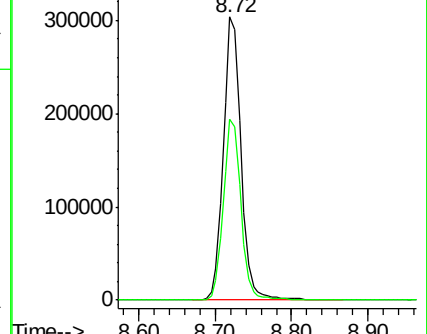
98 100

100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

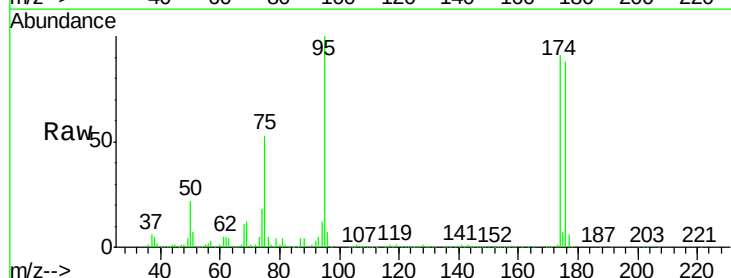
Tgt Ion: 95 Resp: 178829

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

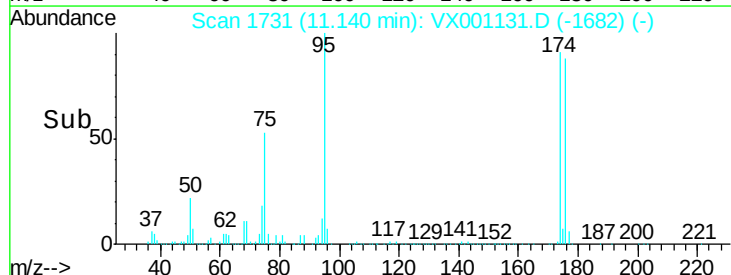
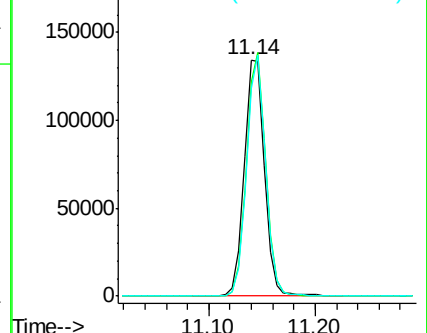
176 96.1 0.0 192.0

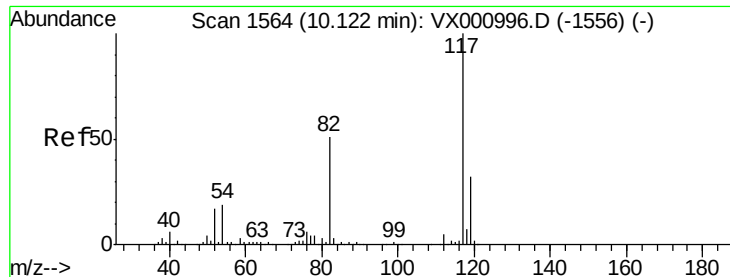


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

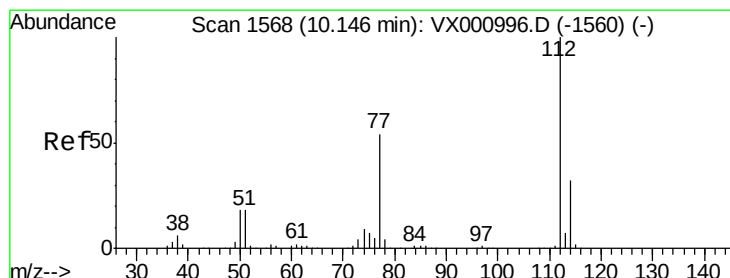
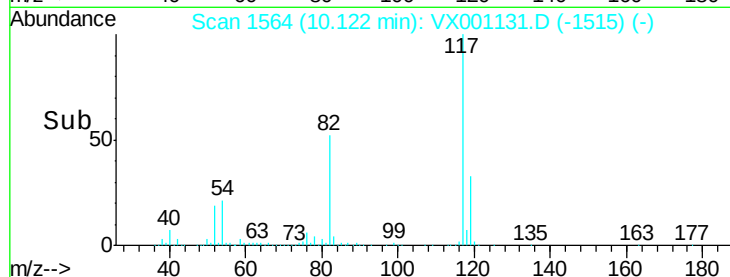
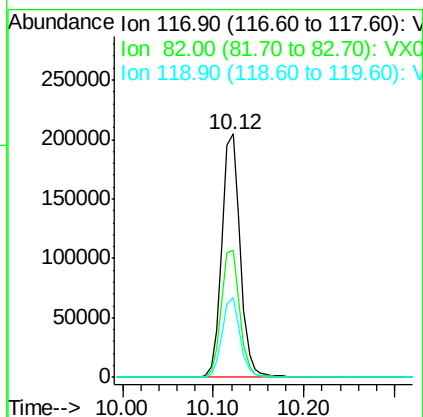
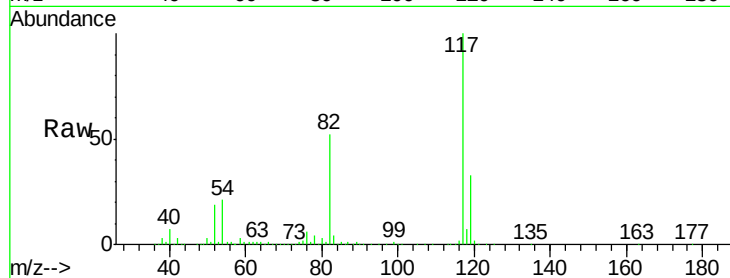




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001131.D
Acq: 25 Apr 2018 20:20

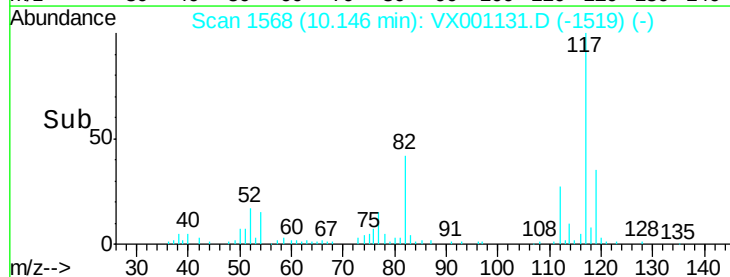
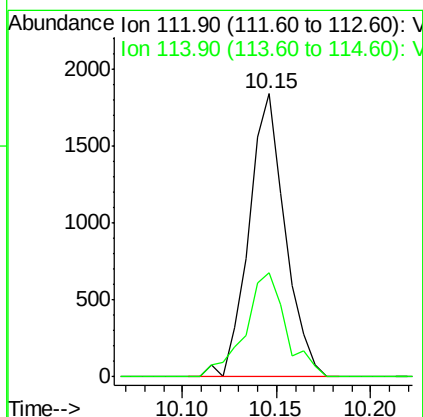
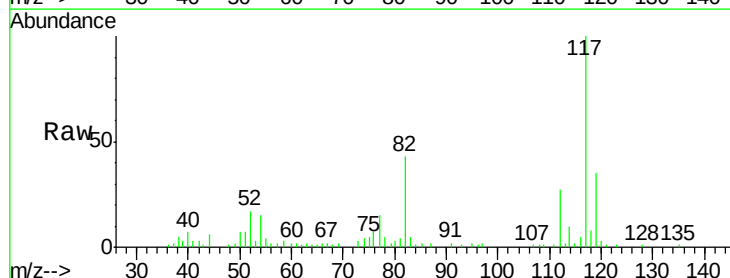
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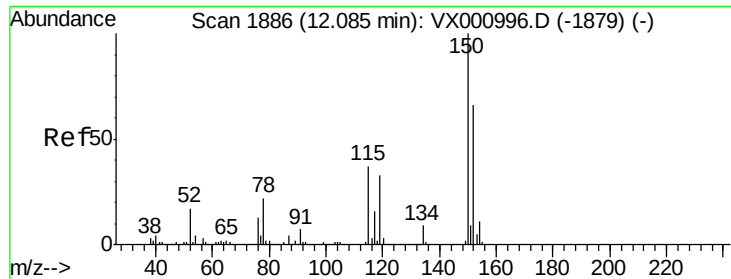
Tot Ion:117 Resp: 289500
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 32.9 26.0 39.0



#65
Chlorobenzene
Concen: 0.32 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001131.D
Acq: 25 Apr 2018 20:20

Tgt Ion:112 Resp: 2459
Ion Ratio Lower Upper
112 100
114 36.9 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: VX001131.D

Acq: 25 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

LF017MW005-180417

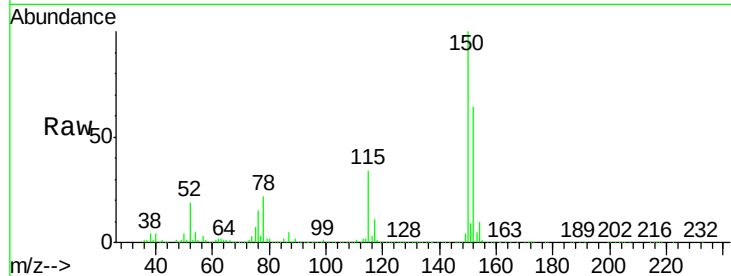
Tot Ion:152 Resp: 170403

Ion Ratio Lower Upper

152 100

115 53.3 38.2 114.6

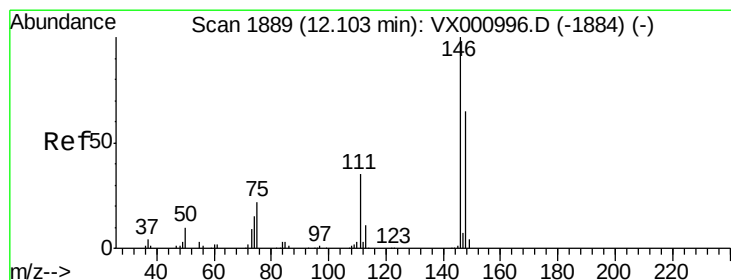
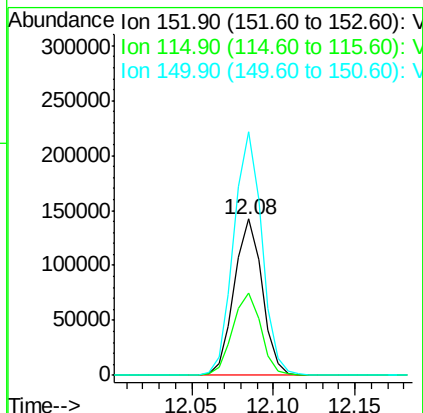
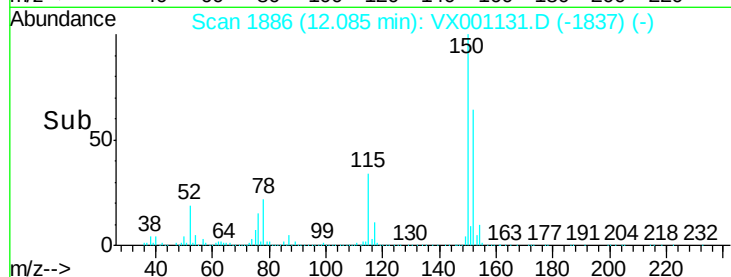
150 156.5 0.0 350.4



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



#88

1,4-Dichlorobenzene

Concen: 0.75 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

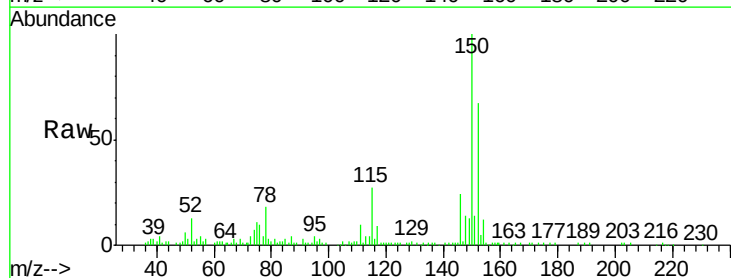
Tgt Ion:146 Resp: 4630

Ion Ratio Lower Upper

146 100

111 87.1 18.0 54.0#

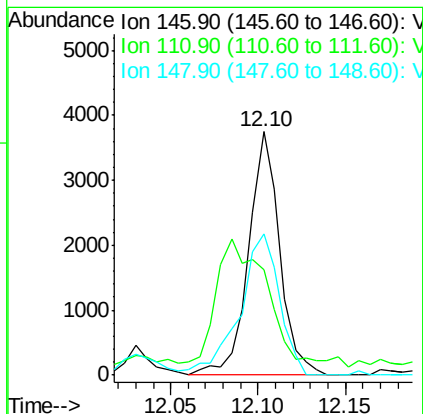
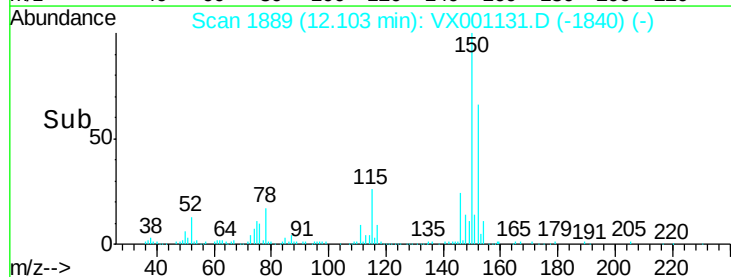
148 74.2 32.4 97.0

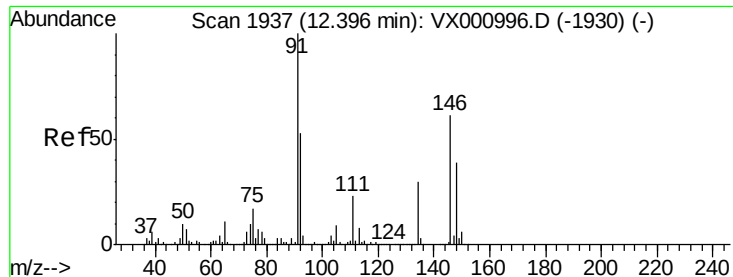


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 0.70 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001131.D

Acq: 25 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

LF017MW005-180417

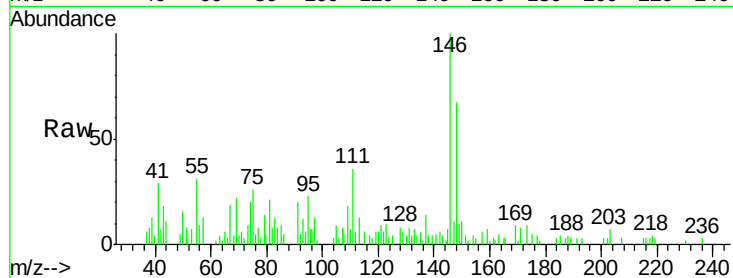
Tot Ion:146 Resp: 4104

Ion Ratio Lower Upper

146 100

111 33.3 18.6 56.0

148 60.7 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

