

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002638.D
 Acq On : 16 Jun 2018 10:43
 Operator : JC/MD
 Sample : J3479-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

Quant Time: Jun 18 16:11:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	313813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190518	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	150709	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
35) Dibromofluoromethane	5.51	113	115446	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	8.72	98	450917	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.14	95	171511	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

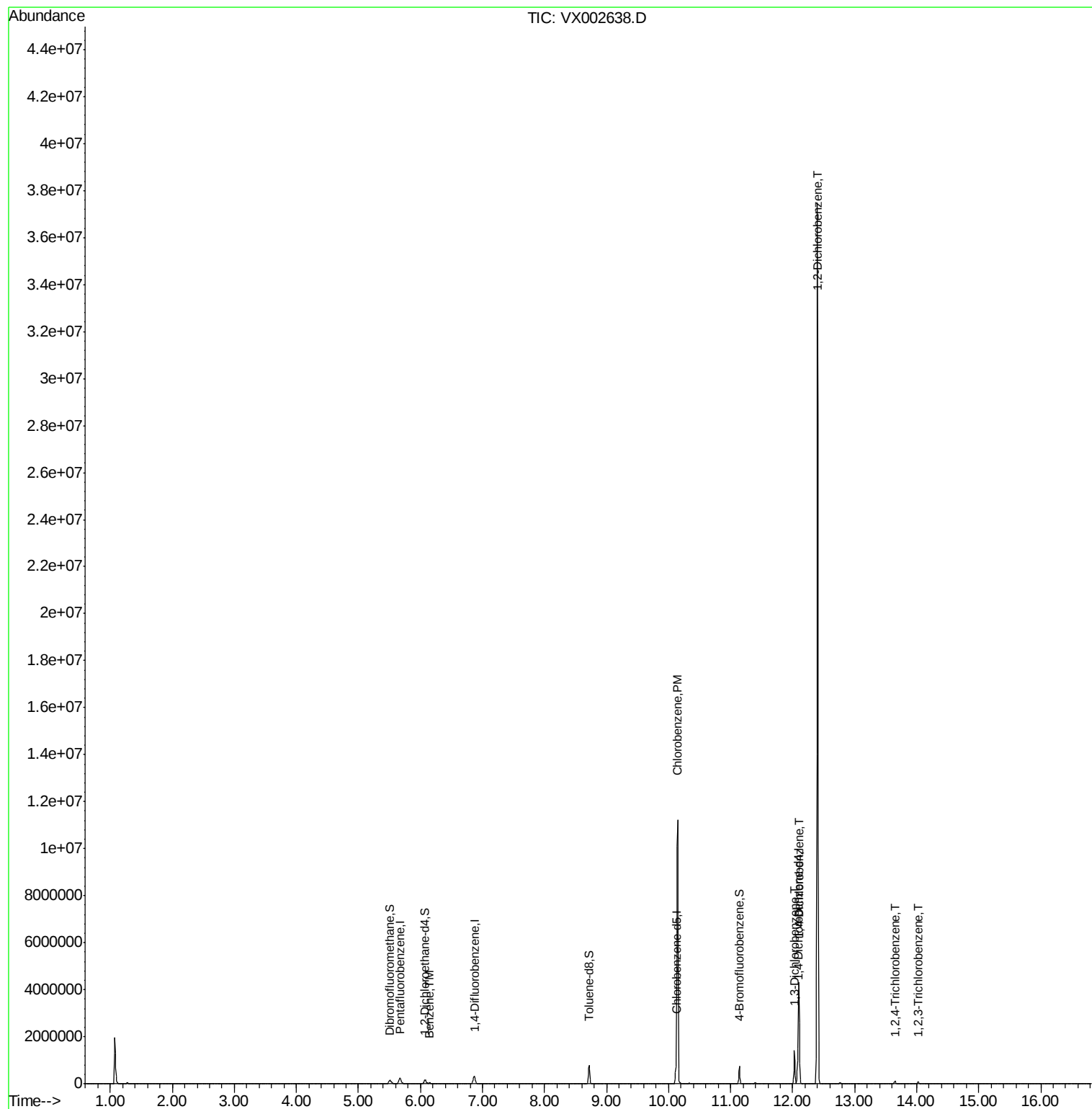
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	6.15	78	34590	3.46	ug/l	99
65) Chlorobenzene	10.15	112	4574663	615.09	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	443395	68.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1379835	208.31	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	10926695	1667.65	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	27169	5.71	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	20547	4.30	ug/l	98

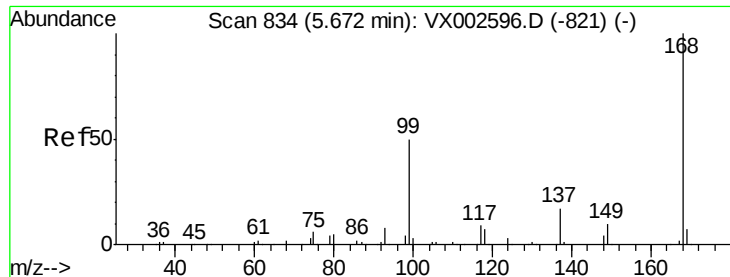
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 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: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

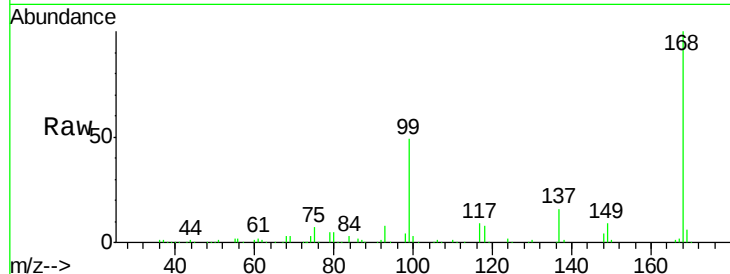
SS003RW114R-180611

Tot Ion:168 Resp: 219767

Ion Ratio Lower Upper

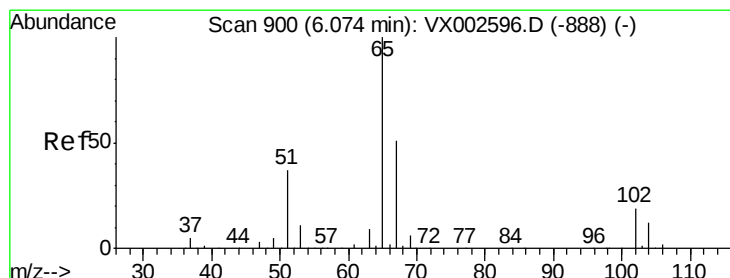
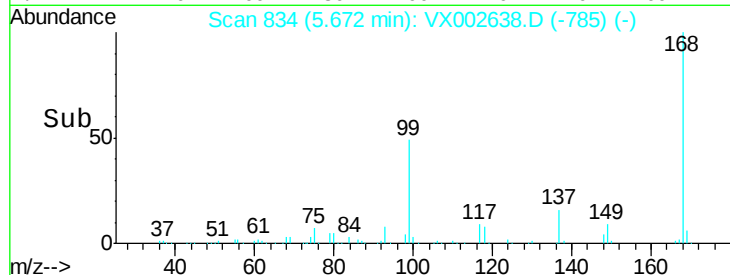
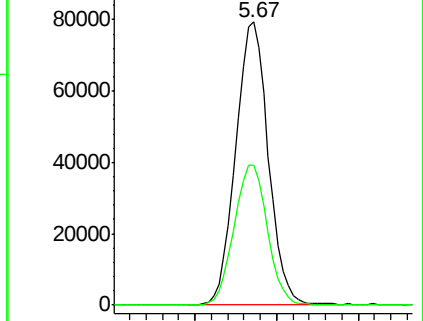
168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002638.D

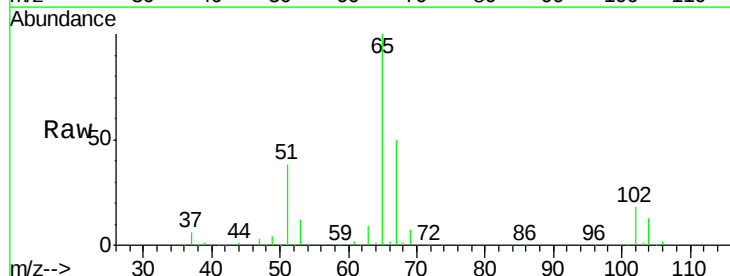
Acq: 16 Jun 2018 10:43

Tgt Ion: 65 Resp: 150709

Ion Ratio Lower Upper

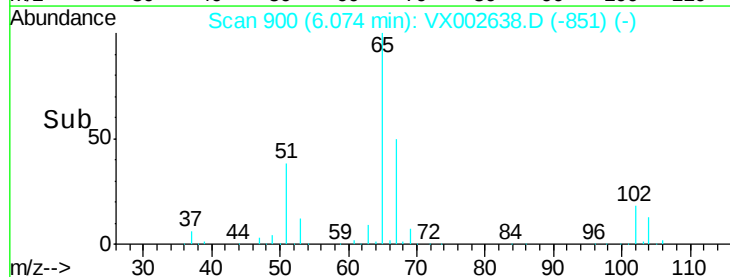
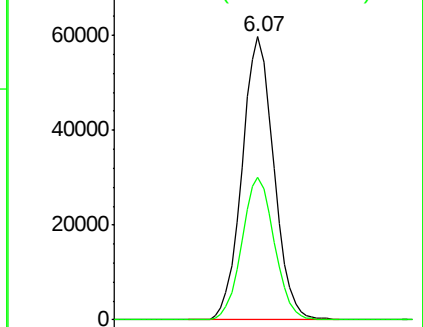
65 100

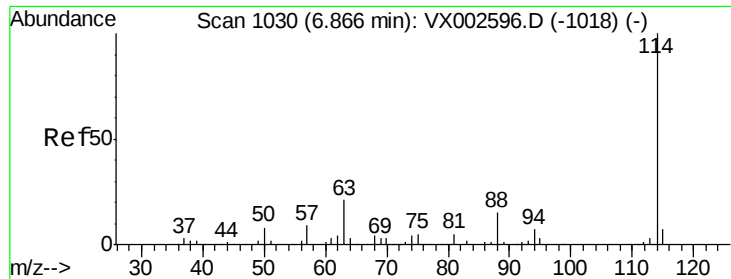
67 51.4 0.0 102.6



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# 1030

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611

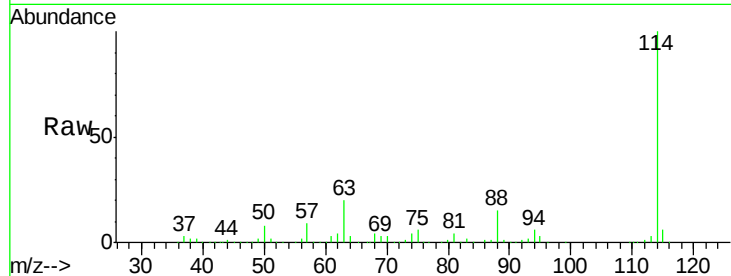
Tot Ion:114 Resp: 313813

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

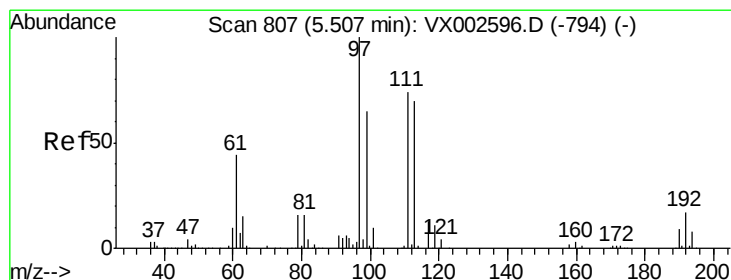
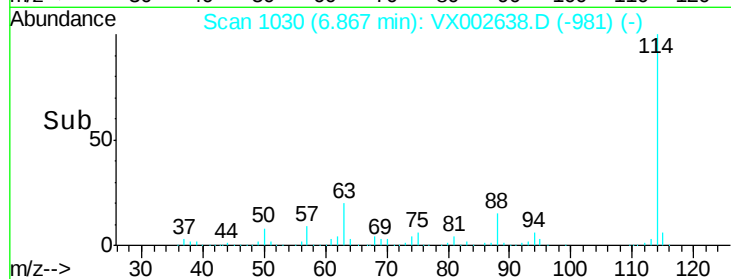
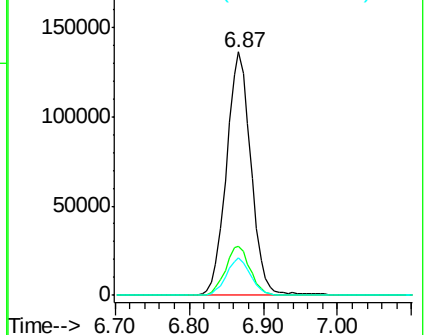
88 15.4 0.0 30.0



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: 46.09 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

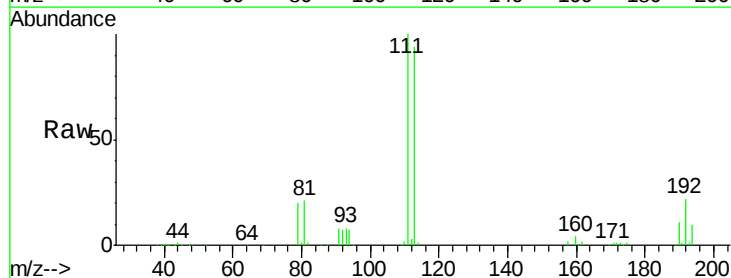
Tgt Ion:113 Resp: 115446

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

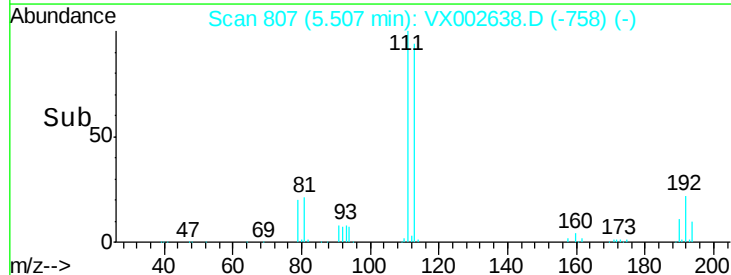
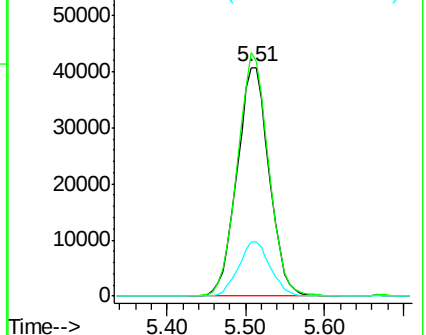
192 23.5 19.1 28.7

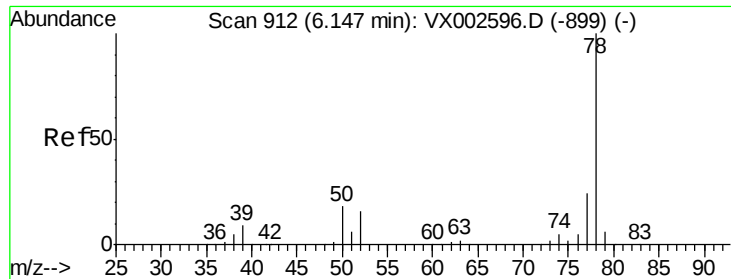


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.46 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

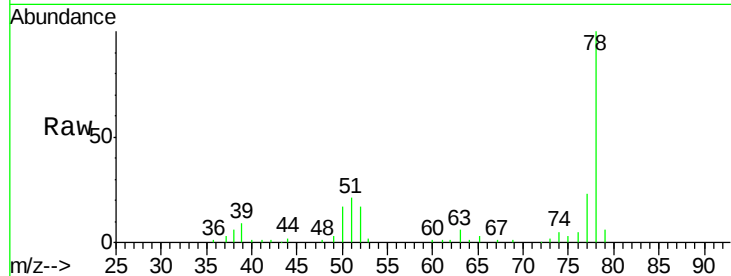
SS003RW114R-180611

Tot Ion: 78 Resp: 34590

Ion Ratio Lower Upper

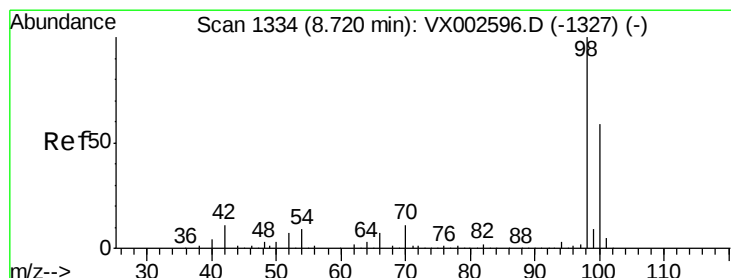
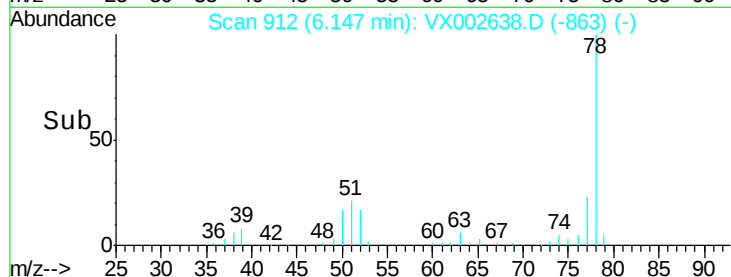
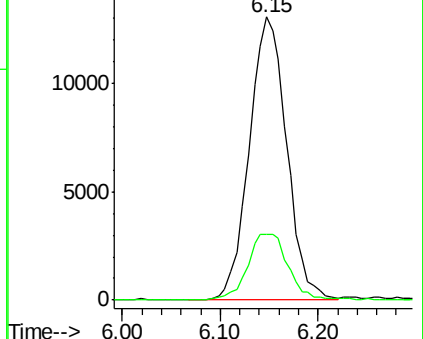
78 100

77 23.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 47.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002638.D

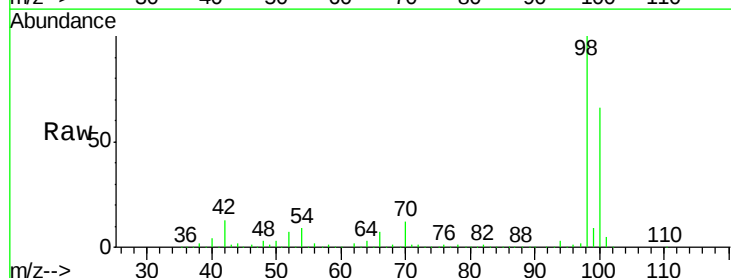
Acq: 16 Jun 2018 10:43

Tgt Ion: 98 Resp: 450917

Ion Ratio Lower Upper

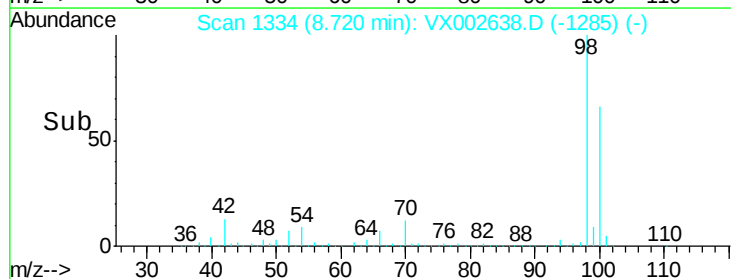
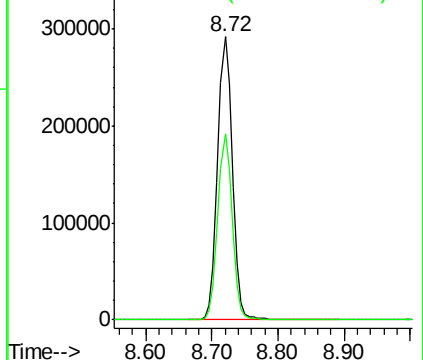
98 100

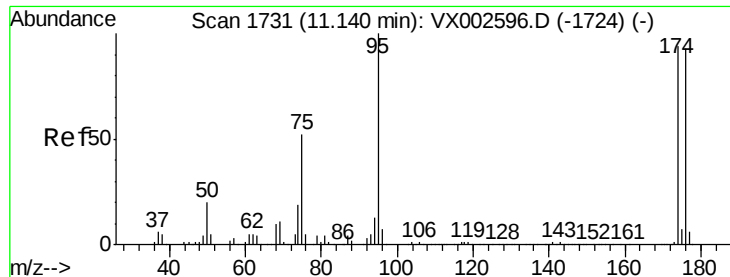
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

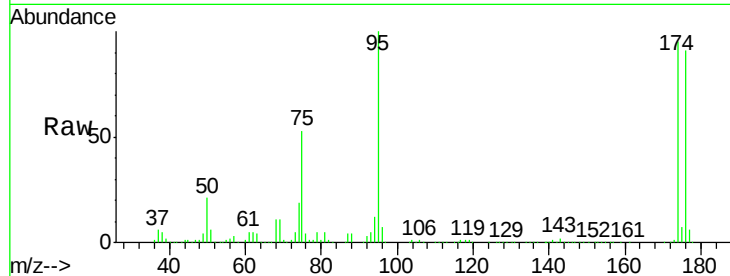




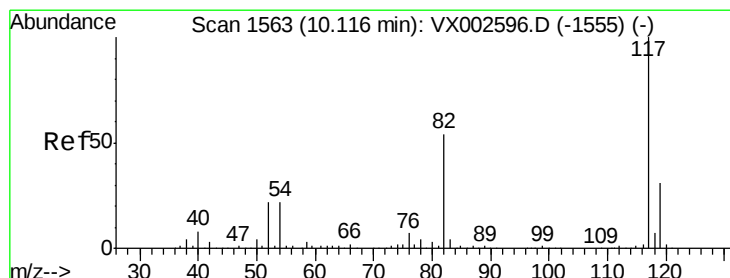
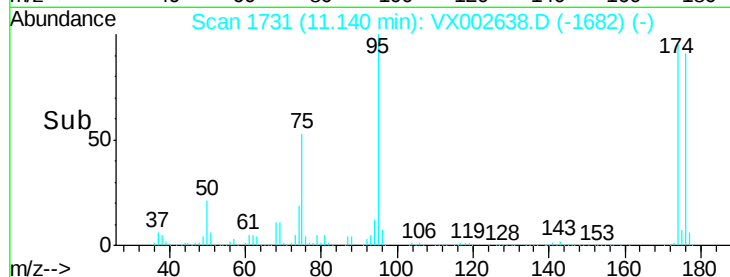
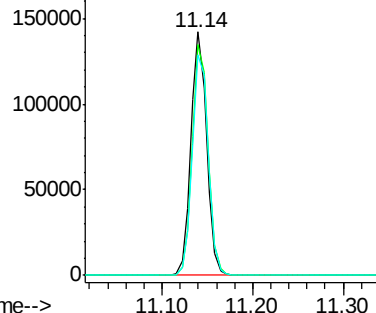
#62
4-Bromofluorobenzene
Concen: 47.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611

Tot Ion: 95 Resp: 171511
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.4
176 92.8 0.0 181.0

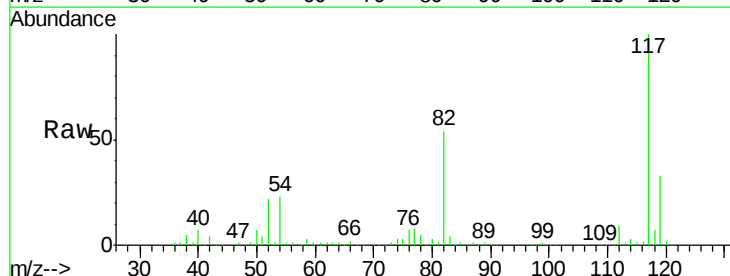


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

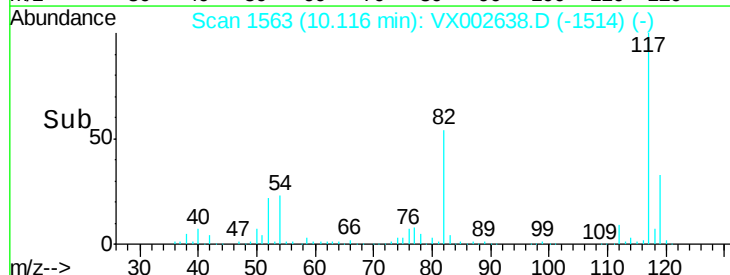
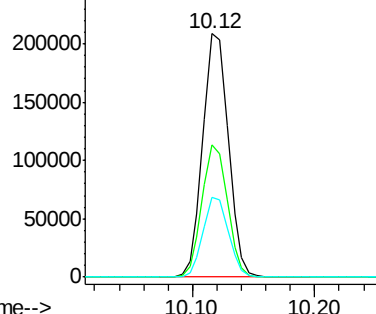


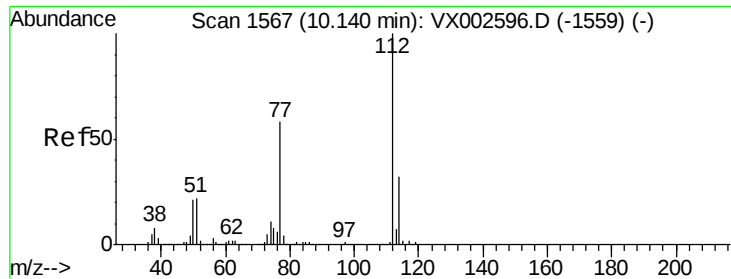
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

Tgt Ion: 117 Resp: 302845
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.9 25.8 38.6



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: 615.09 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

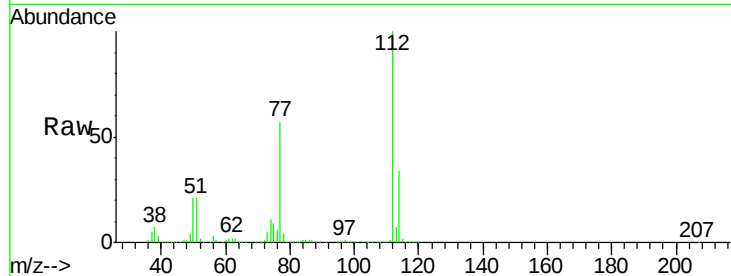
SS003RW114R-180611

Tot Ion:112 Resp: 4574663

Ion Ratio Lower Upper

112 100

114 33.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

4000000

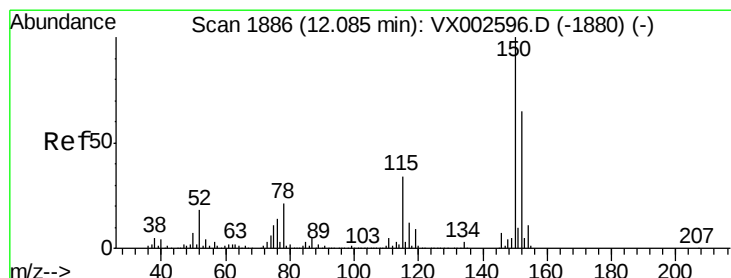
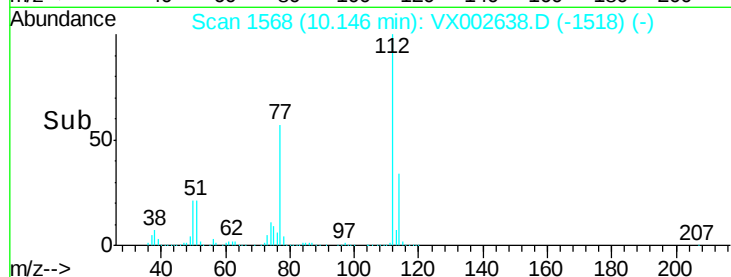
3000000

2000000

1000000

0

Time--> 10.00 10.20 10.40



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

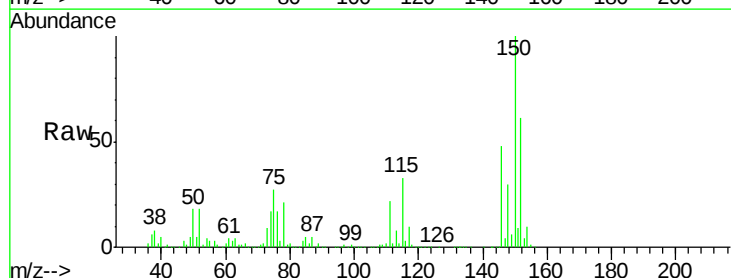
Tgt Ion:152 Resp: 190518

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

150 231.3 0.0 347.2



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

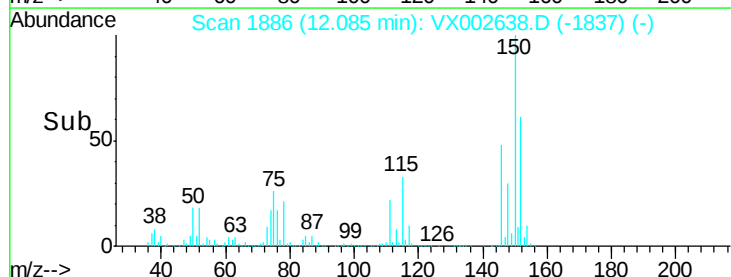
300000

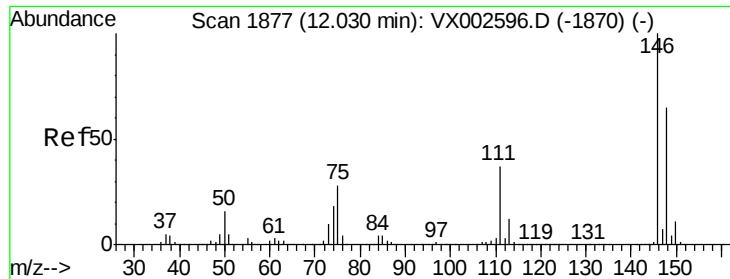
200000

100000

0

Time--> 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 68.11 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611

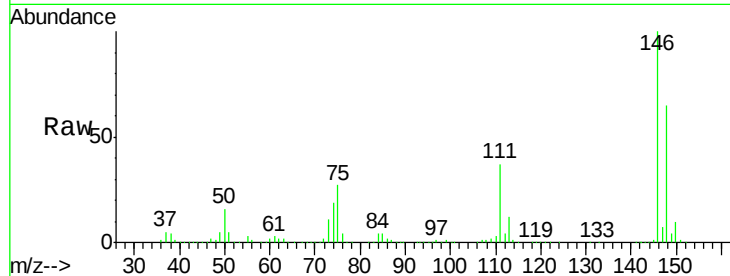
Tot Ion:146 Resp: 443395

Ion Ratio Lower Upper

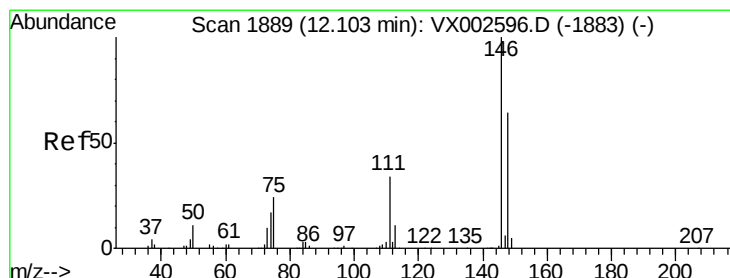
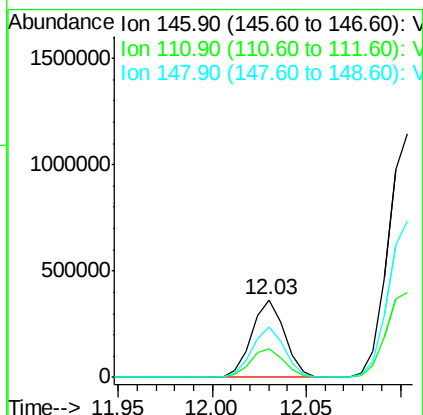
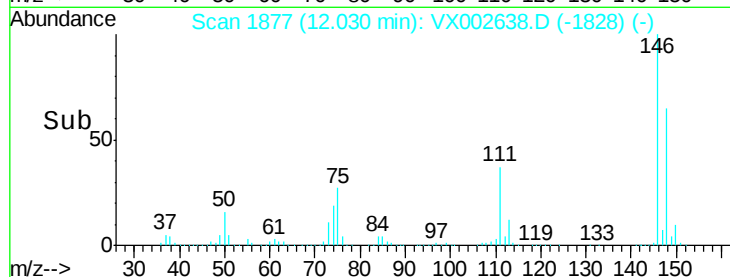
146 100

111 37.7 18.9 56.7

148 65.1 32.1 96.3



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: 208.31 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

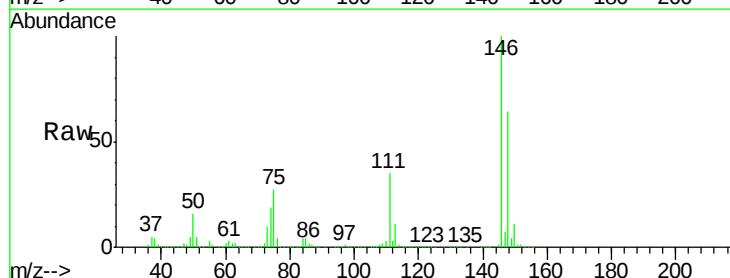
Tgt Ion:146 Resp: 1379835

Ion Ratio Lower Upper

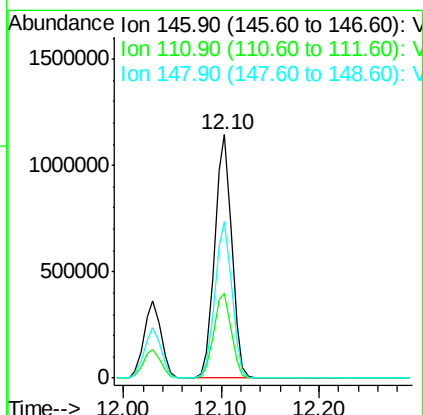
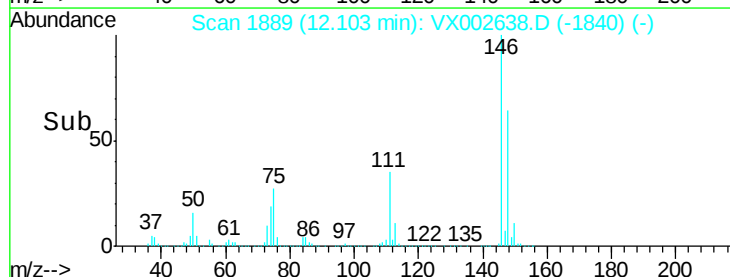
146 100

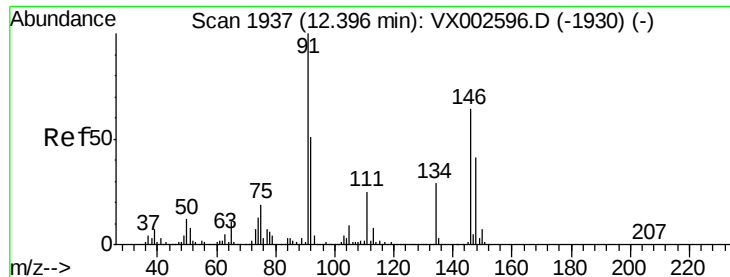
111 35.8 18.7 56.1

148 64.4 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: 1667.65 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

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ClientSampleId :

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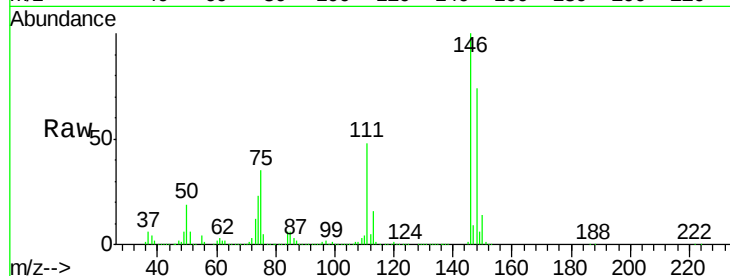
Tot Ion:146 Resp:10926695

Ion Ratio Lower Upper

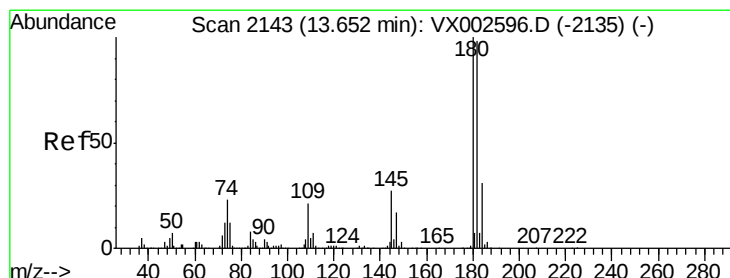
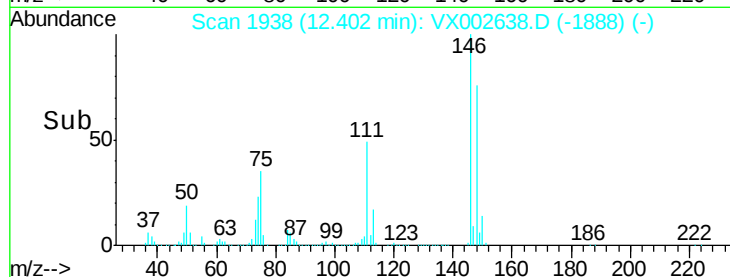
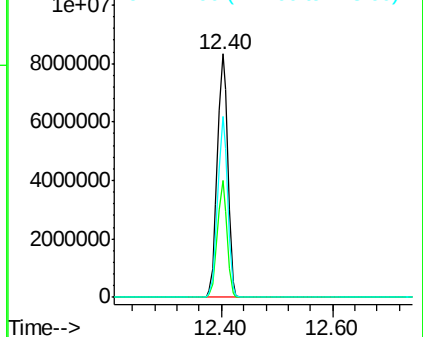
146 100

111 43.7 19.4 58.1

148 70.0 31.7 95.1



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



#93

1,2,4-Trichlorobenzene

Concen: 5.71 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

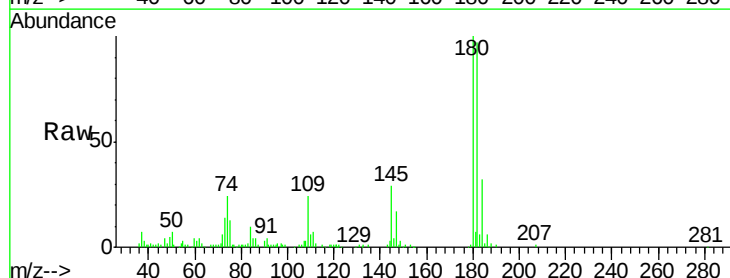
Tgt Ion:180 Resp: 27169

Ion Ratio Lower Upper

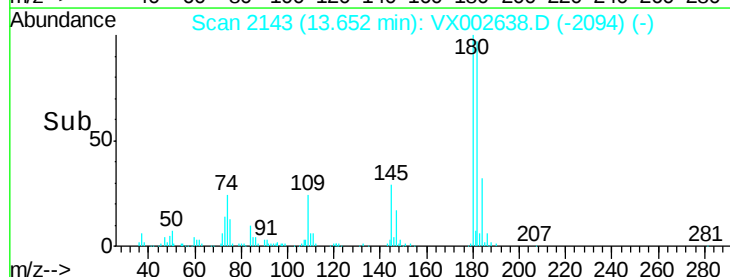
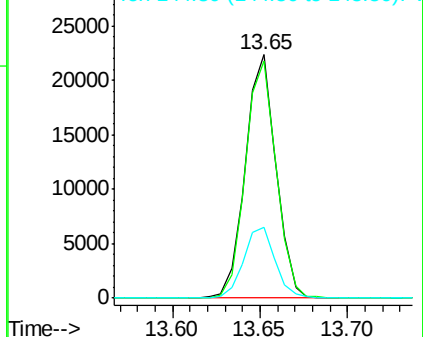
180 100

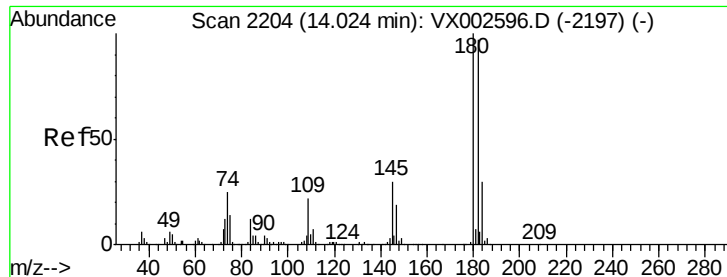
182 97.9 47.7 143.1

145 30.1 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

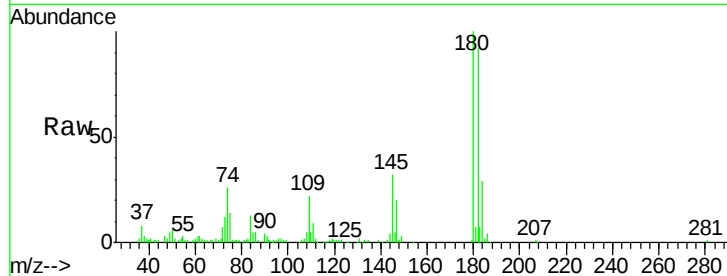




#96
 1,2,3-Trichlorobenzene
 Concen: 4.30 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.0	144.0
145	31.6	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

