

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002637.D
 Acq On : 16 Jun 2018 10:17
 Operator : JC/MD
 Sample : J3479-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611

Quant Time: Jun 18 16:11:04 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

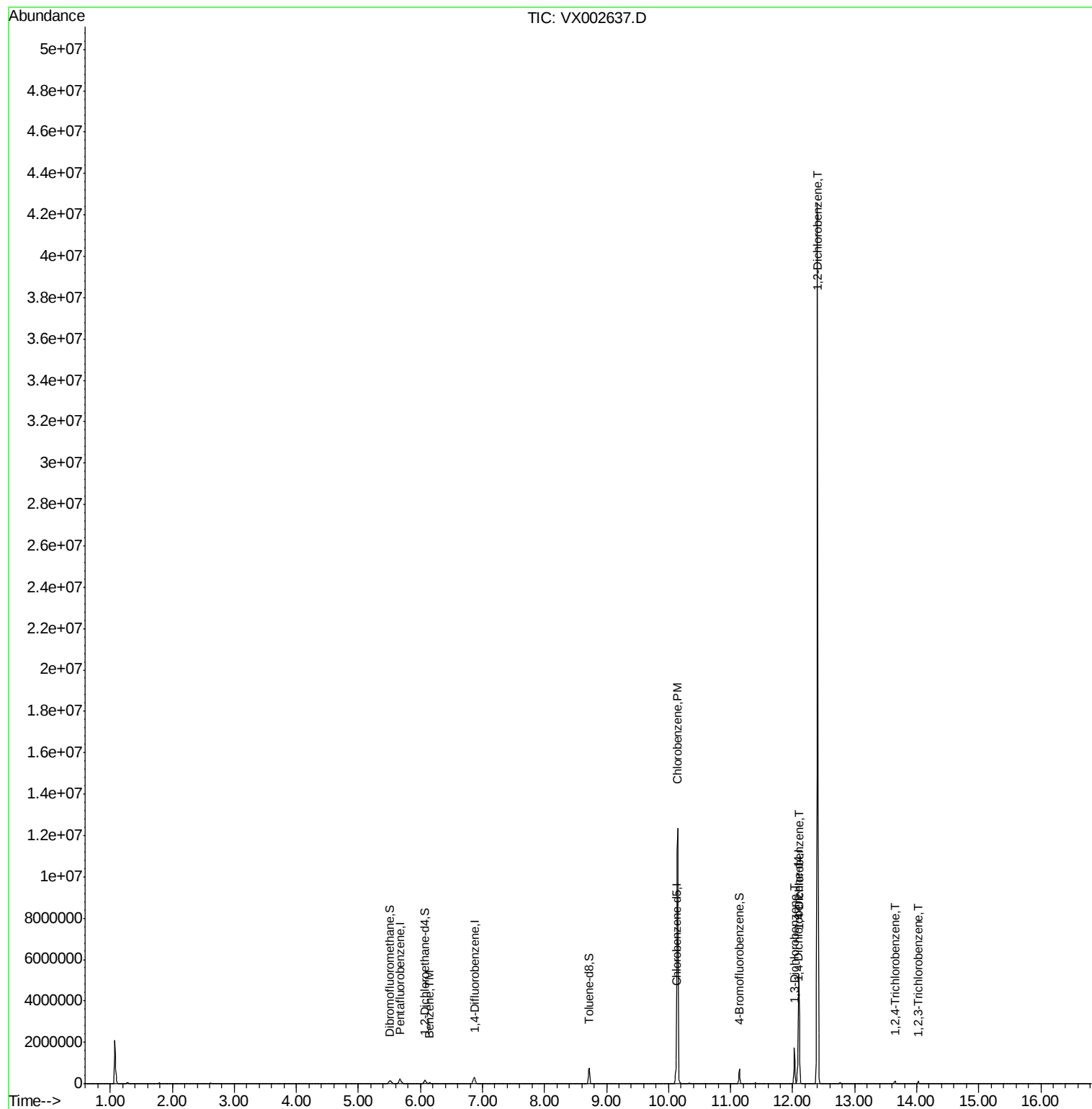
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148432	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
35) Dibromofluoromethane	5.51	113	112400	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	8.72	98	437127	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.14	95	160831	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
40) Benzene	6.15	78	36170	3.73	ug/l	Qvalue 100
65) Chlorobenzene	10.15	112	5066328	695.60	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	540246	88.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1656738	266.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	11998369	1951.73	ug/l	87
93) 1,2,4-Trichlorobenzene	13.65	180	35414	7.94	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	25327	5.65	ug/l	96

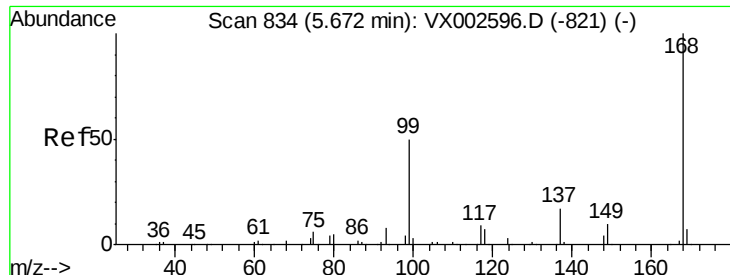
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 833

Delta R.T. -0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

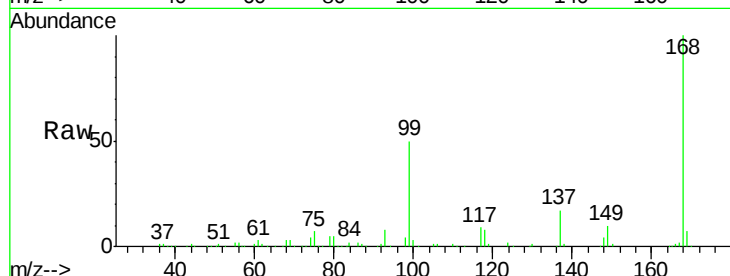
DUP-0466-180611

Tot Ion:168 Resp: 212674

Ion Ratio Lower Upper

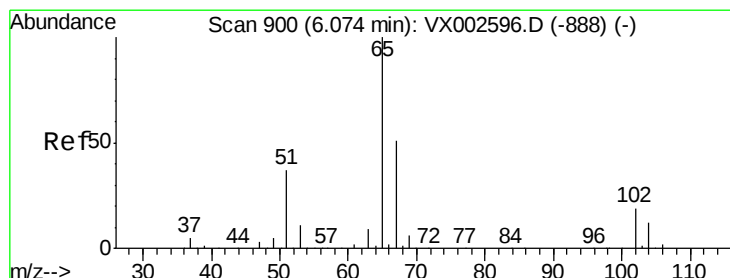
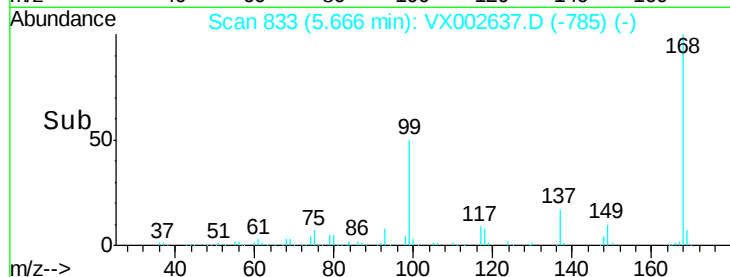
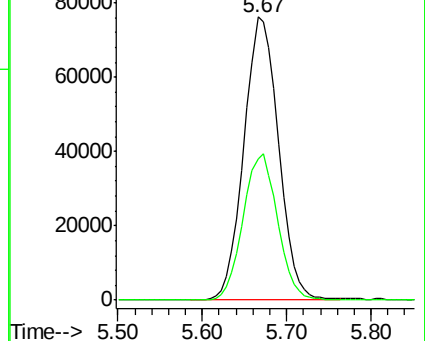
168 100

99 49.7 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: 45.93 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002637.D

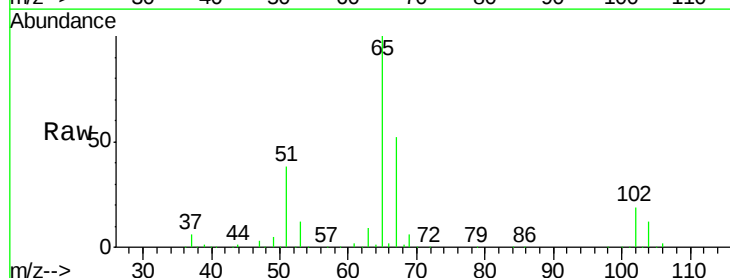
Acq: 16 Jun 2018 10:17

Tgt Ion: 65 Resp: 148432

Ion Ratio Lower Upper

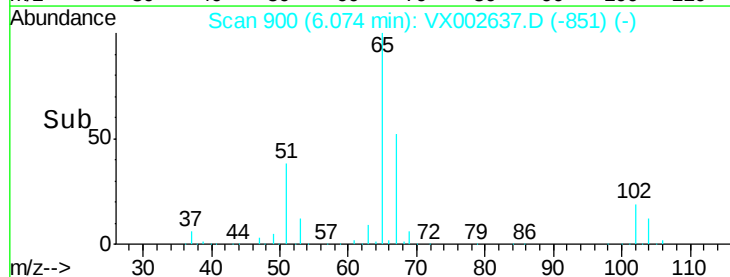
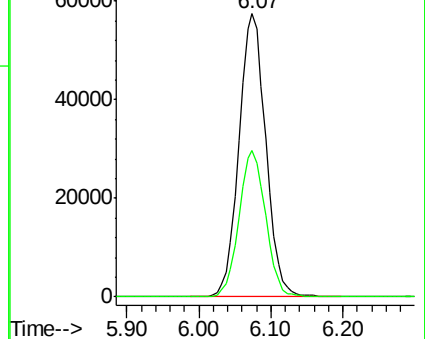
65 100

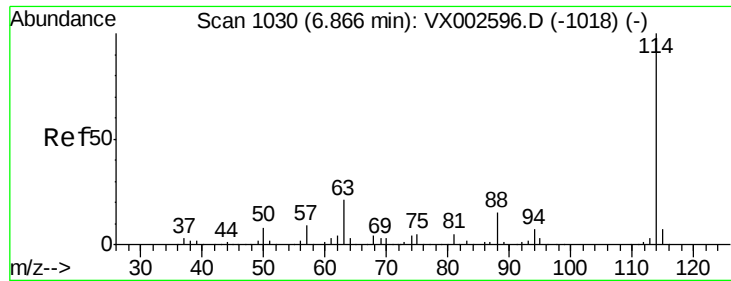
67 51.4 0.0 102.6



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: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-0466-180611

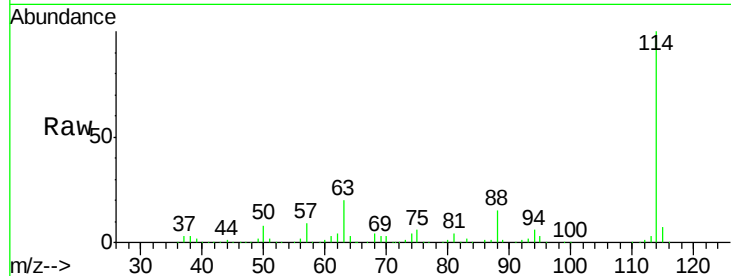
Tot Ion:114 Resp: 304405

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

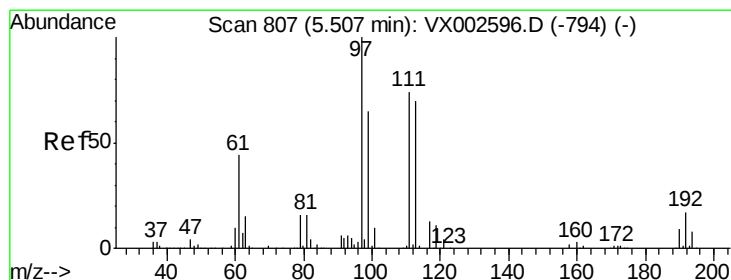
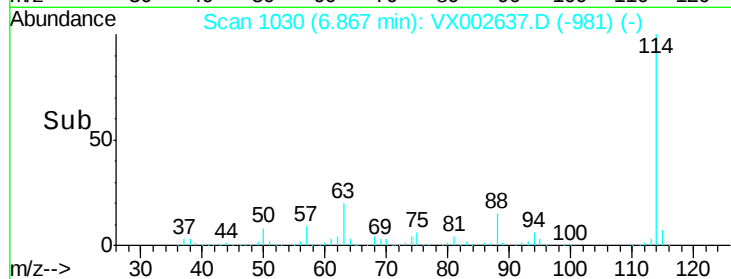
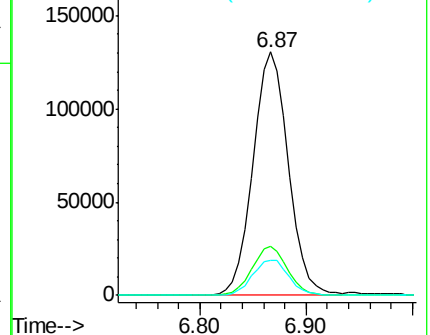
88 14.6 0.0 30.0



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: 46.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

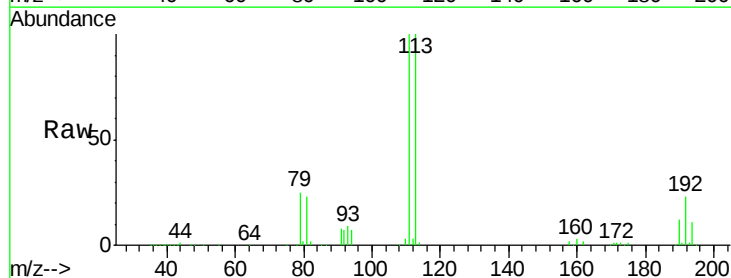
Tgt Ion:113 Resp: 112400

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

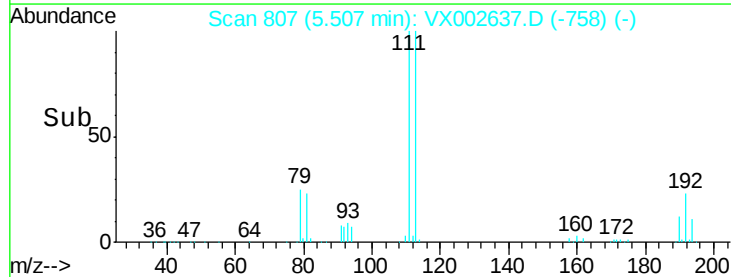
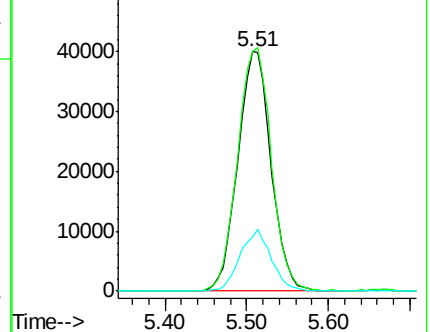
192 24.2 19.1 28.7

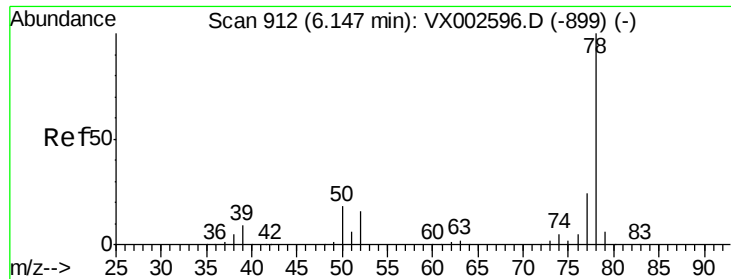


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.73 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

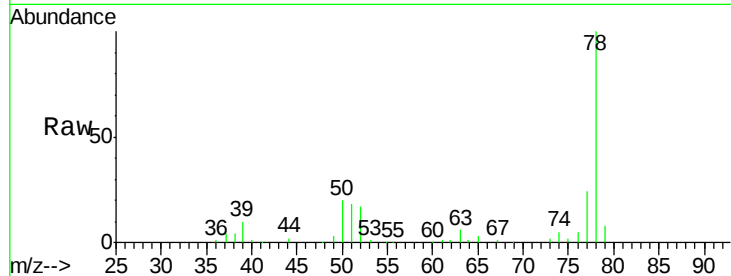
DUP-0466-180611

Tot Ion: 78 Resp: 36170

Ion Ratio Lower Upper

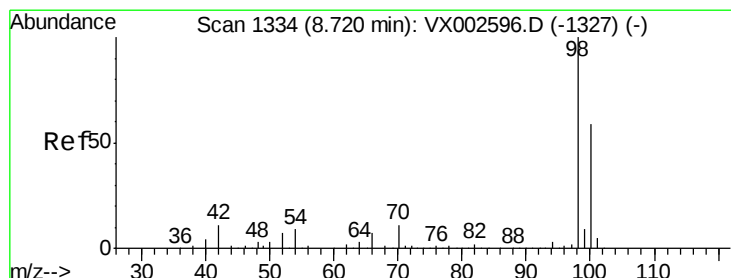
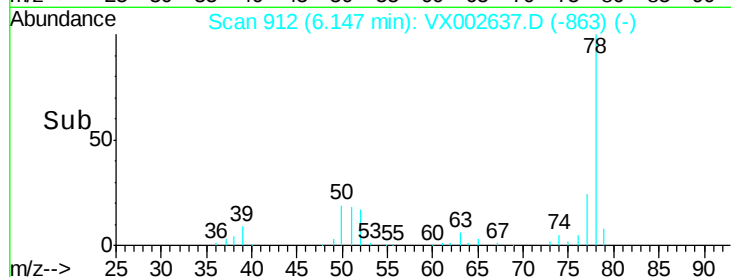
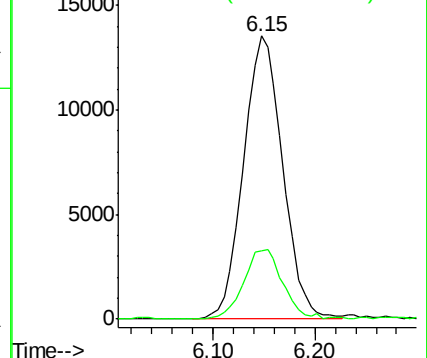
78 100

77 24.1 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: 47.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002637.D

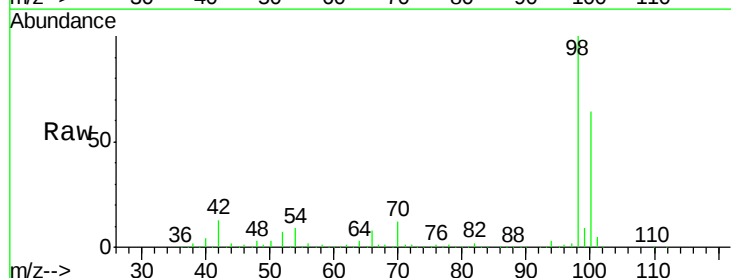
Acq: 16 Jun 2018 10:17

Tgt Ion: 98 Resp: 437127

Ion Ratio Lower Upper

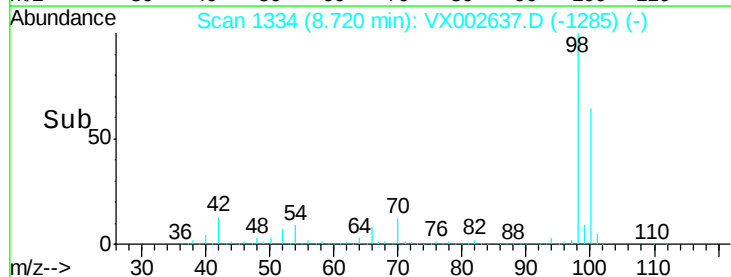
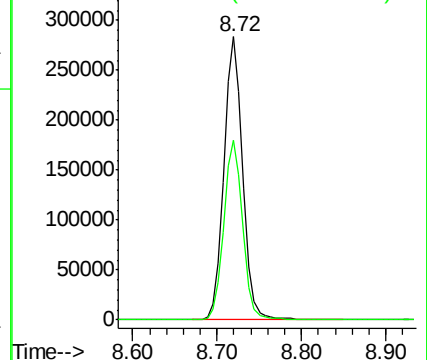
98 100

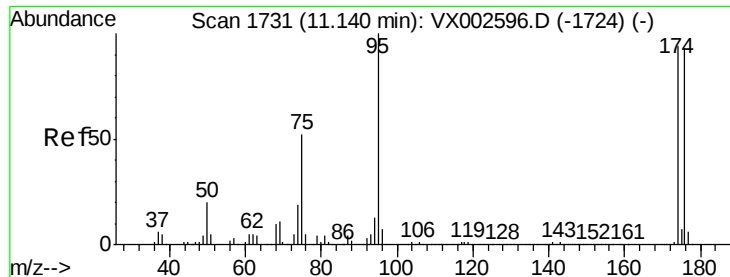
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

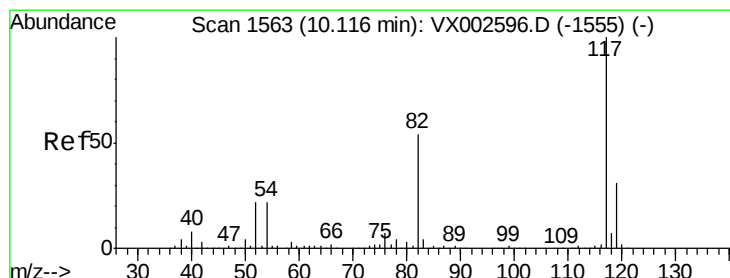
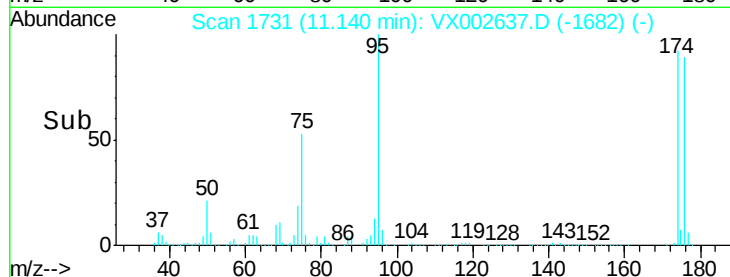
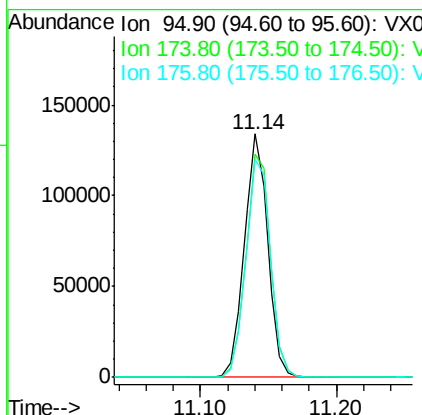
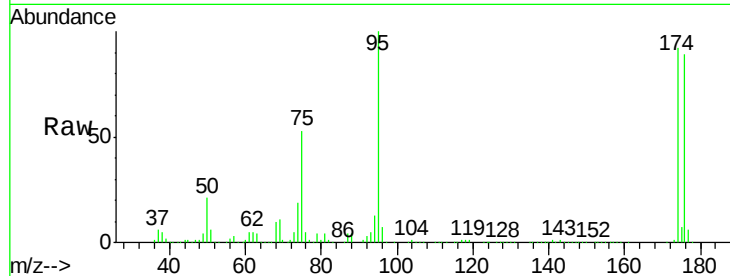




#62
4-Bromofluorobenzene
Concen: 46.01 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

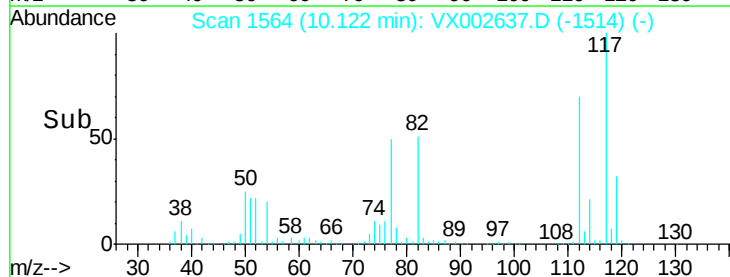
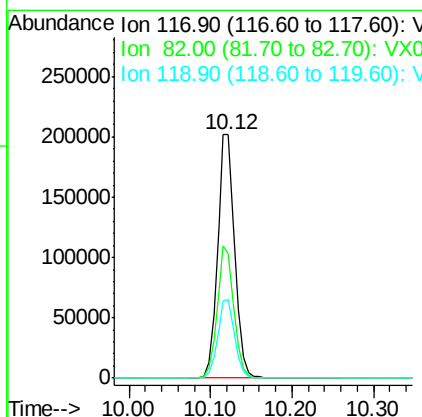
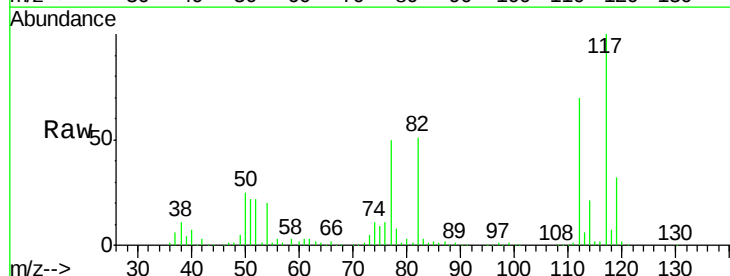
Instrument :
MSVOA_X
ClientSampleId :
DUP-0466-180611

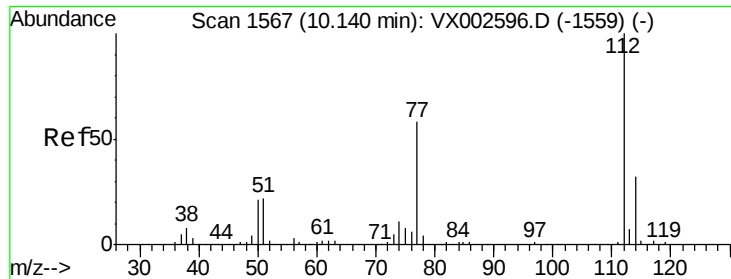
Tot Ion: 95 Resp: 160831
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.4
176 94.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

Tgt Ion: 117 Resp: 296573
Ion Ratio Lower Upper
117 100
82 51.1 45.0 67.4
119 32.2 25.8 38.6





#65

Chlorobenzene

Concen: 695.60 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

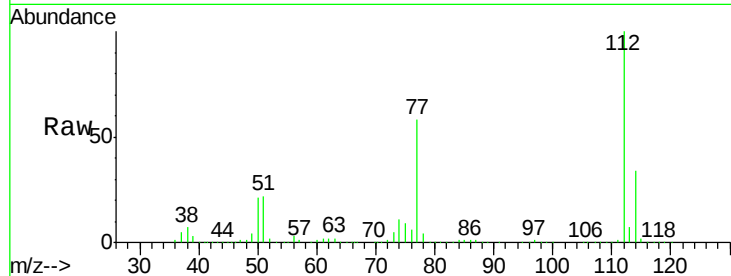
DUP-0466-180611

Tot Ion:112 Resp: 5066328

Ion Ratio Lower Upper

112 100

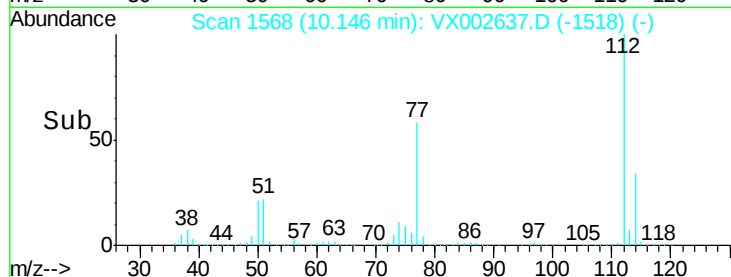
114 34.3 25.3 37.9



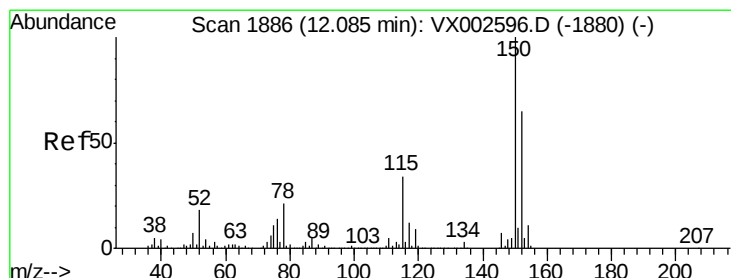
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

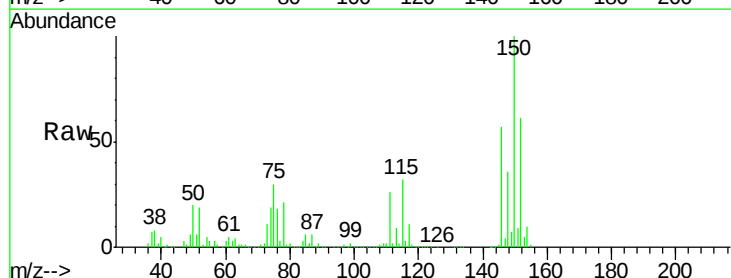
Tgt Ion:152 Resp: 178753

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

150 252.6 0.0 347.2

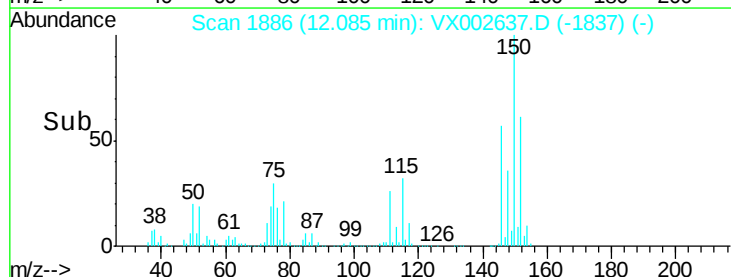


Abundance Ion 151.90 (151.60 to 152.60): V

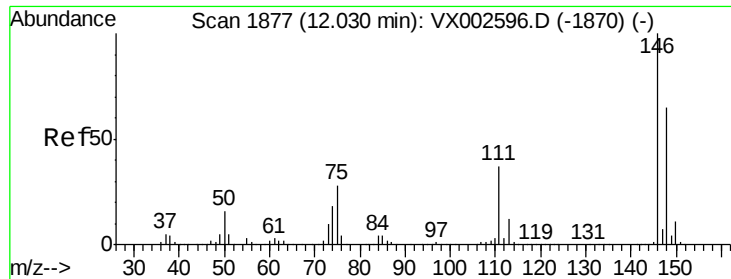
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

12.09



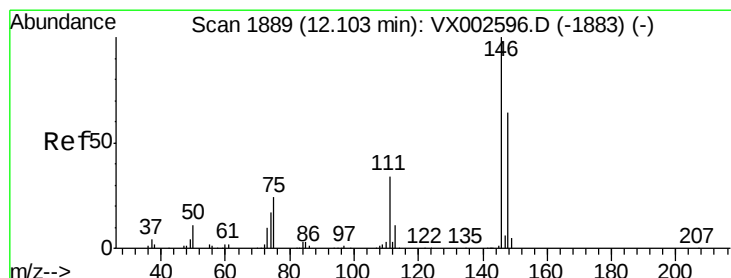
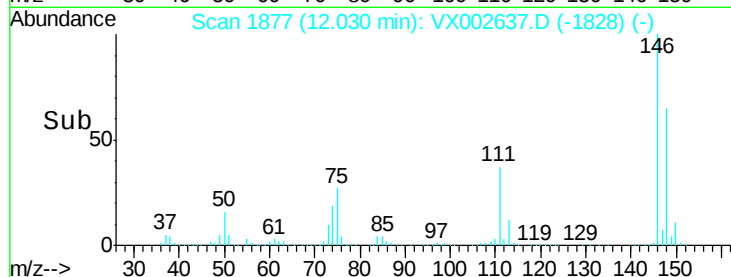
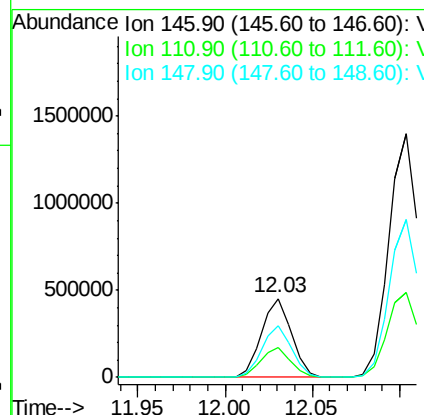
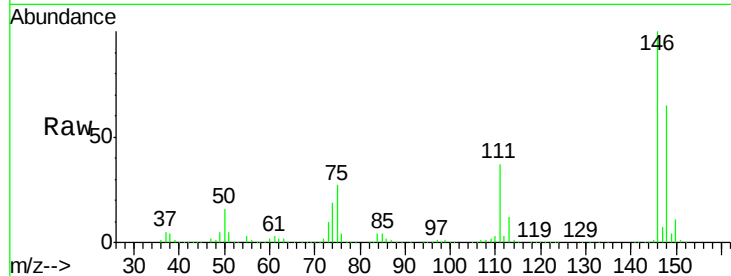
Time-->



#87
 1,3-Dichlorobenzene
 Concen: 88.45 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

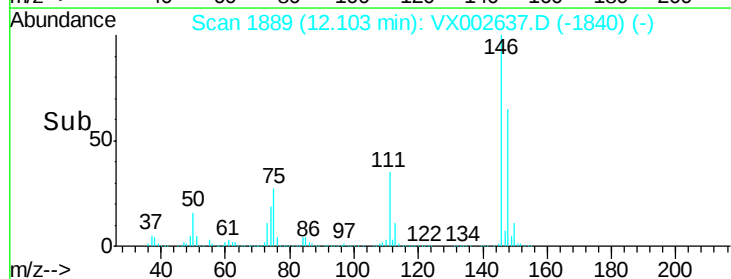
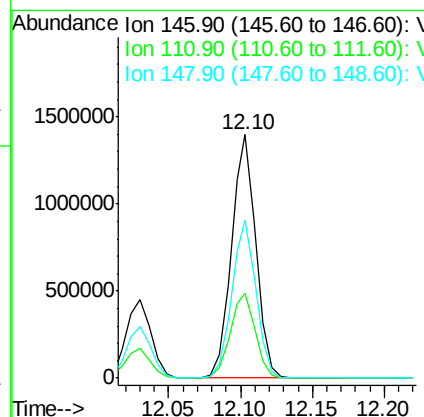
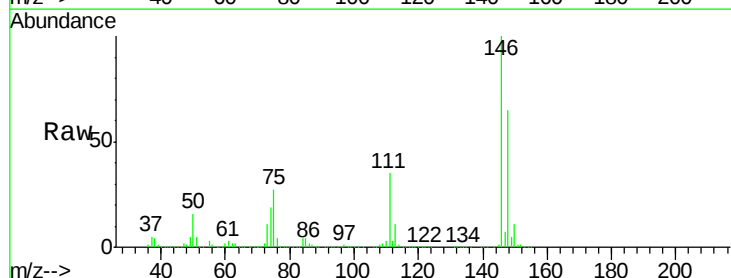
Instrument :
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 DUP-0466-180611

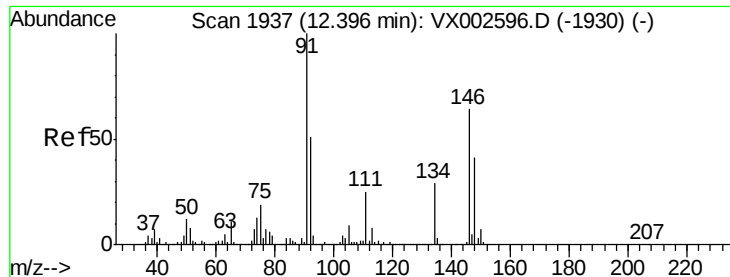
Tot Ion:146 Resp: 540246
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 266.58 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

Tgt Ion:146 Resp: 1656738
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.7 56.1
 148 64.6 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 1951.73 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-0466-180611

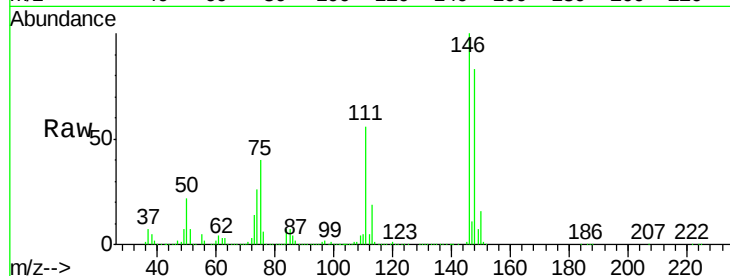
Tot Ion:146 Resp:11998369

Ion Ratio Lower Upper

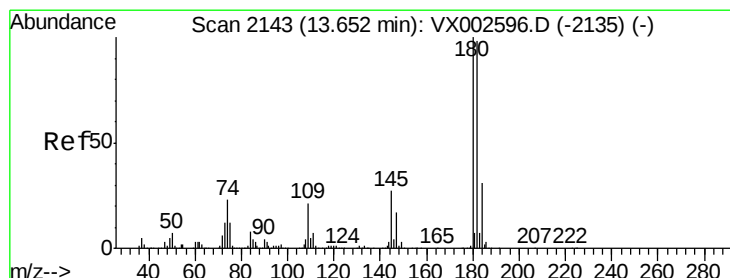
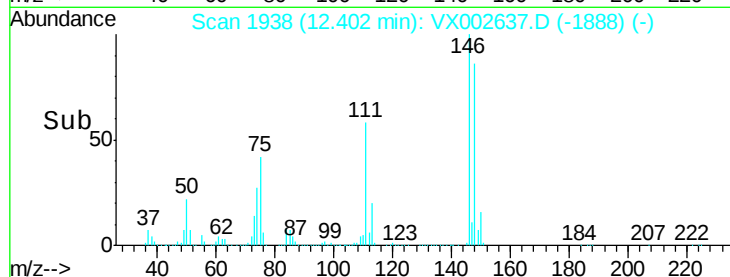
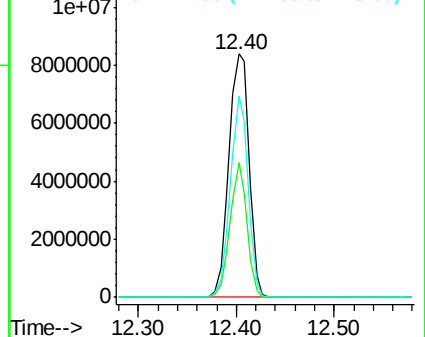
146 100

111 46.4 19.4 58.1

148 73.3 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: 7.94 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

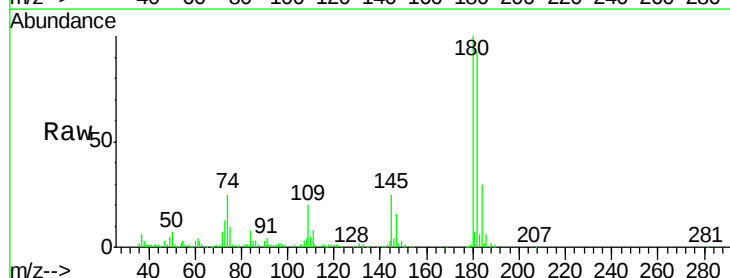
Tgt Ion:180 Resp: 35414

Ion Ratio Lower Upper

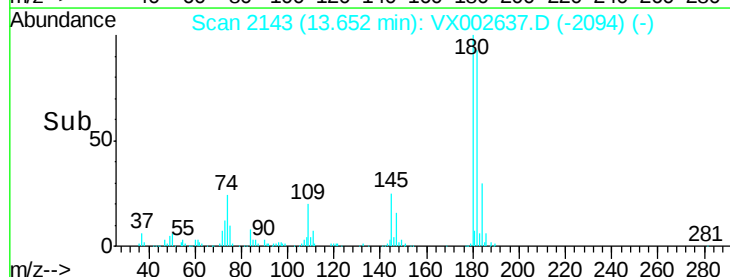
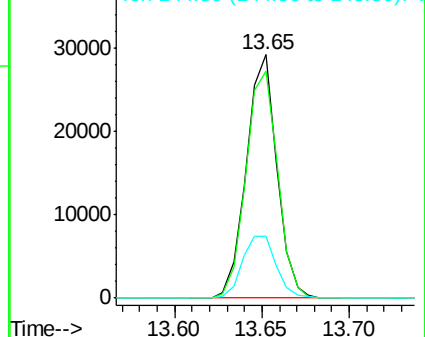
180 100

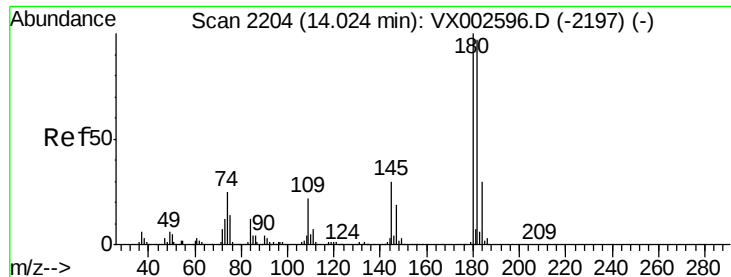
182 97.0 47.7 143.1

145 28.2 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

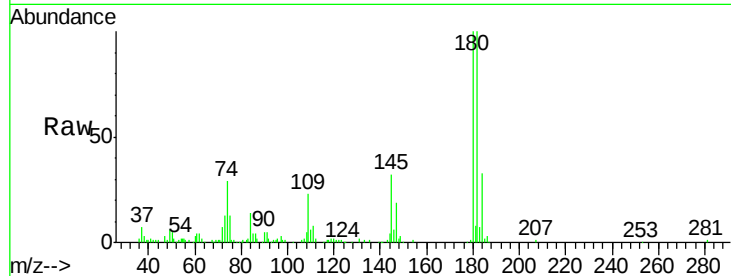




#96
 1,2,3-Trichlorobenzene
 Concen: 5.65 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.8	48.0	144.0
145	32.6	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

