

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016182.D
 Acq On : 13 May 2020 16:14
 Operator : JC/SP
 Sample : L2597-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0554-200511

Quant Time: May 14 07:03:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

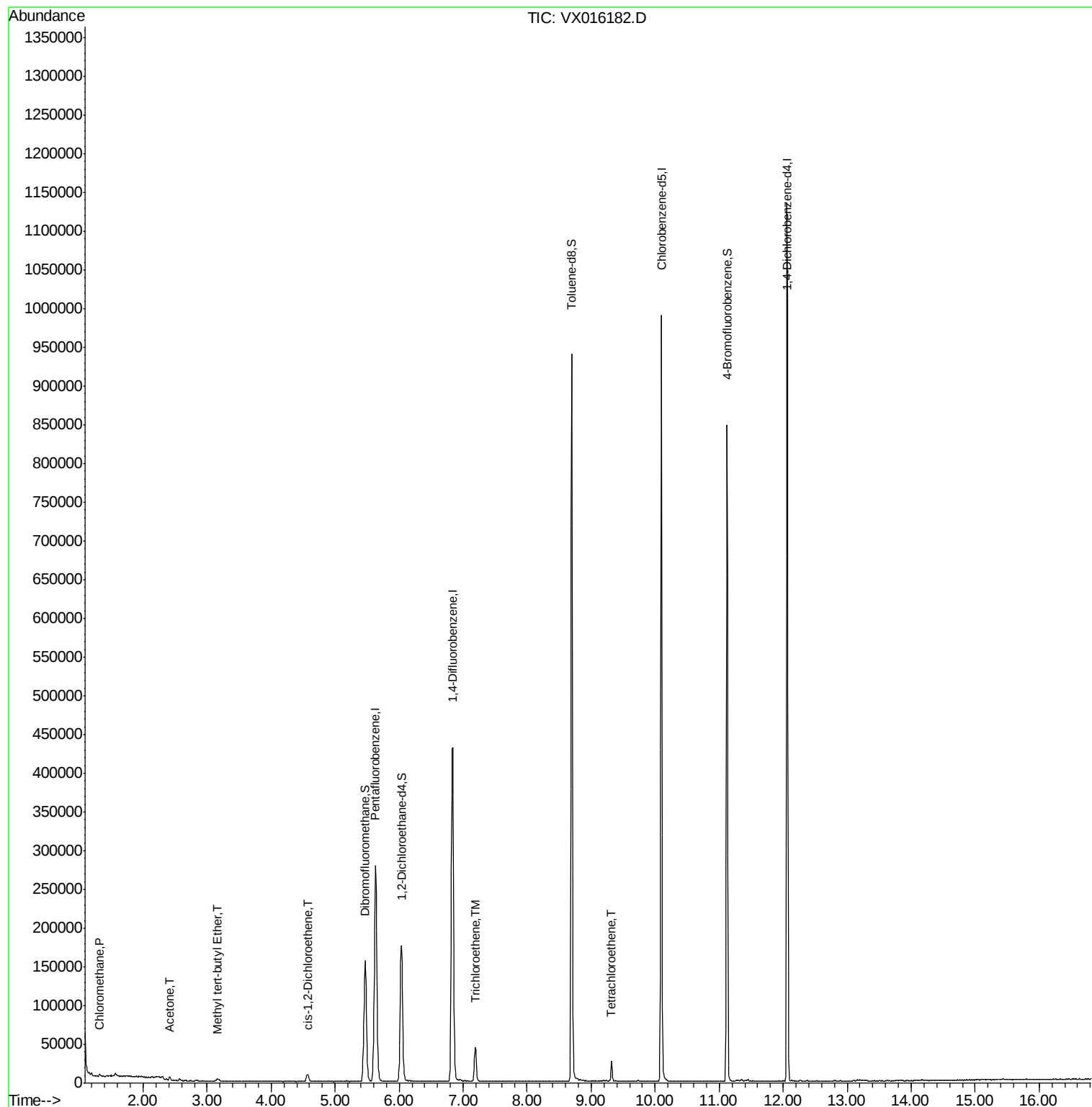
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	452850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168697	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
35) Dibromofluoromethane	5.47	113	135042	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.70	98	558221	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.12	95	224378	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
3) Chloromethane	1.31	50	1328	0.394	ug/l	94
16) Acetone	2.42	43	4274	2.652	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	3655	0.372	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	6037	1.737	ug/l	83
44) Trichloroethene	7.19	130	17408	3.757	ug/l	99
64) Tetrachloroethene	9.32	164	4938	0.896	ug/l	96

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

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QLast Update : Wed May 06 06:43:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

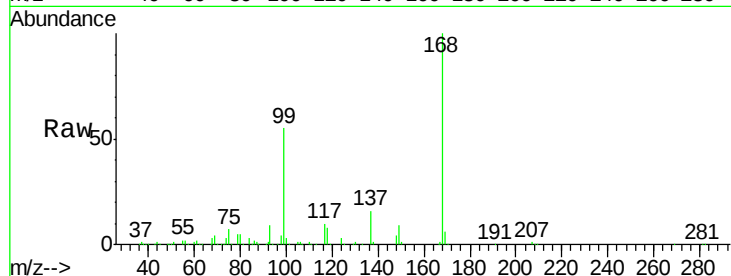
Z4-DUP-0554-200511

Tot Ion:168 Resp: 274482

Ion Ratio Lower Upper

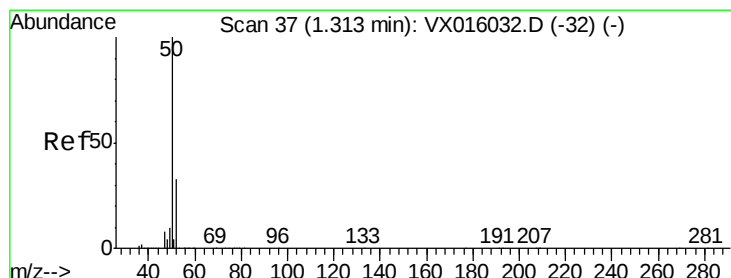
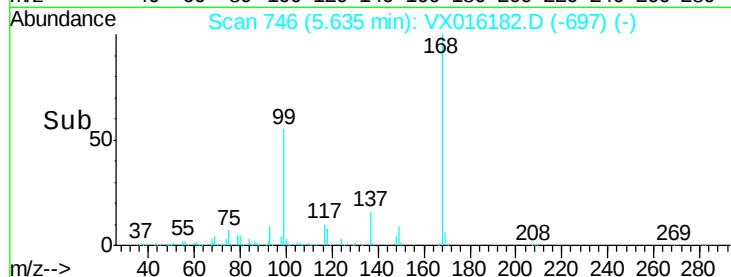
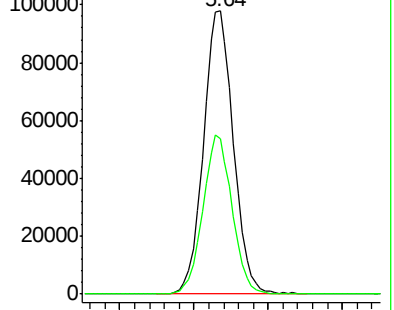
168 100

99 55.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.394 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016182.D

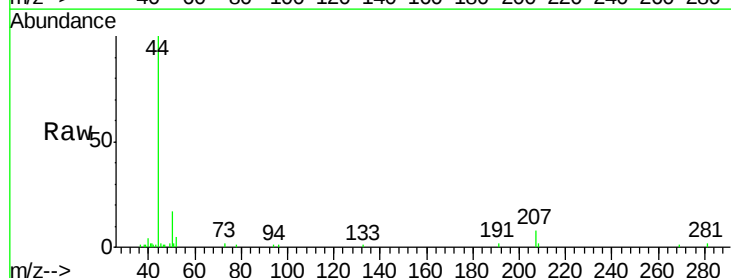
Acq: 13 May 2020 16:14

Tgt Ion: 50 Resp: 1328

Ion Ratio Lower Upper

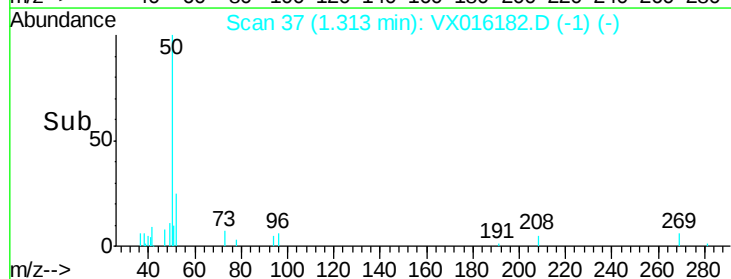
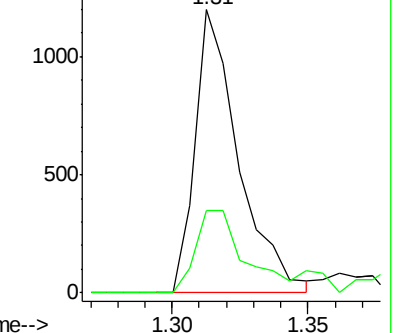
50 100

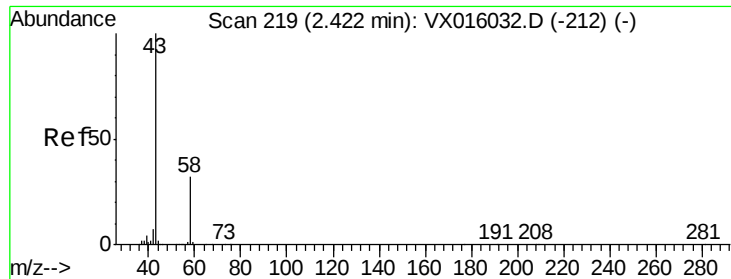
52 29.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 2.652 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

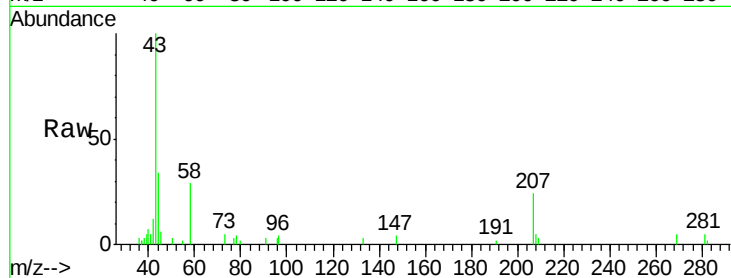
Z4-DUP-0554-200511

Tot Ion: 43 Resp: 4274

Ion Ratio Lower Upper

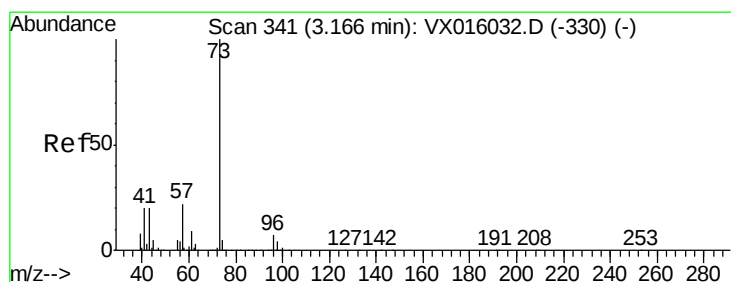
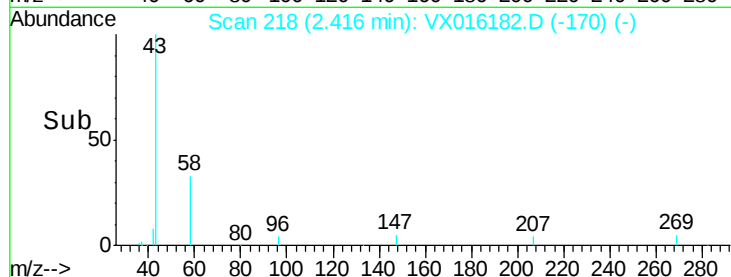
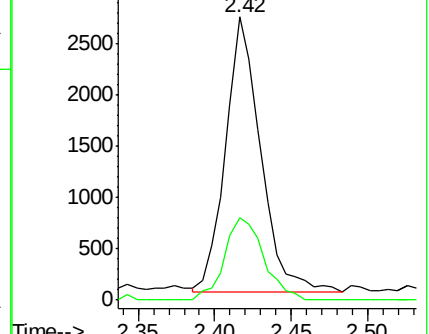
43 100

58 30.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.372 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016182.D

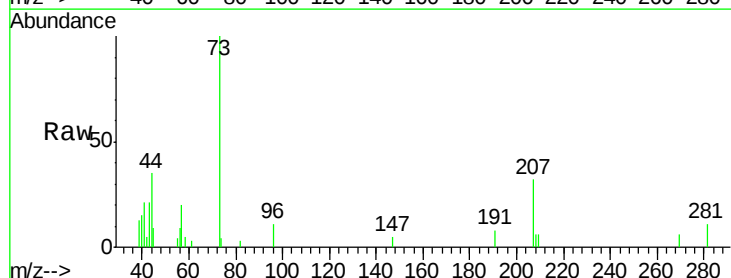
Acq: 13 May 2020 16:14

Tgt Ion: 73 Resp: 3655

Ion Ratio Lower Upper

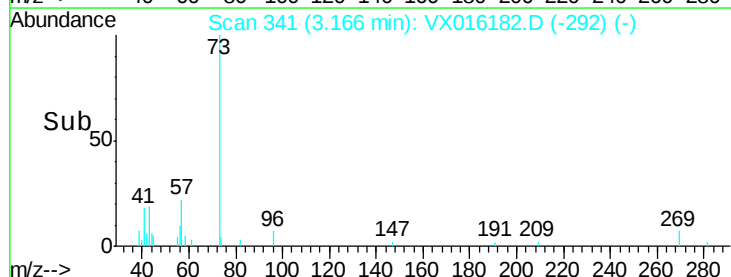
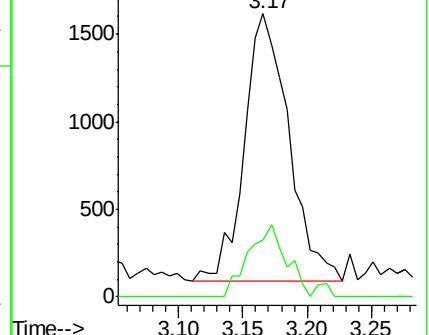
73 100

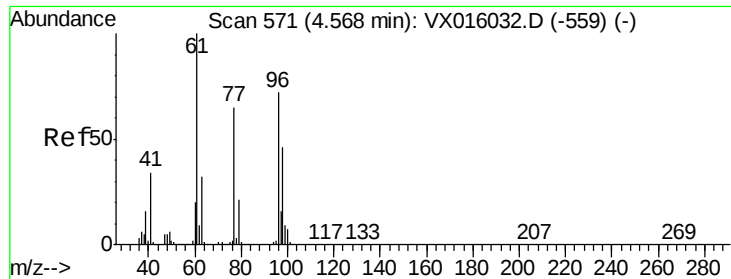
57 21.3 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



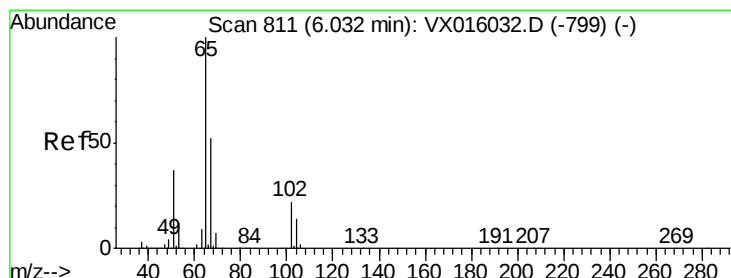
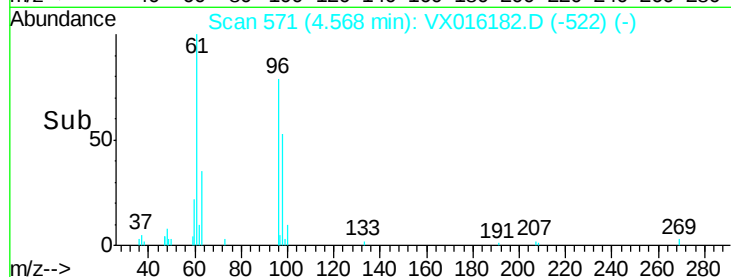
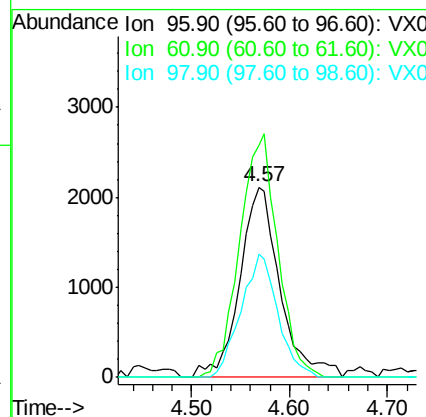
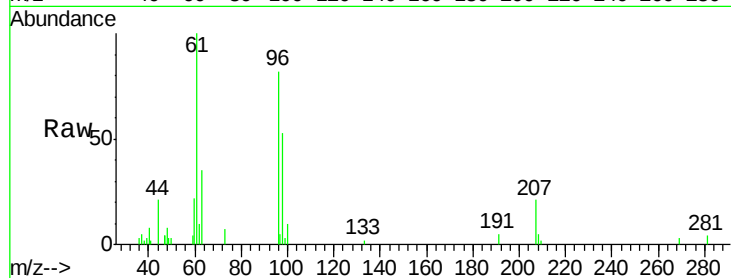


#27

cis-1,2-Dichloroethene
 Concen: 1.737 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016182.D
 Acq: 13 May 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0554-200511

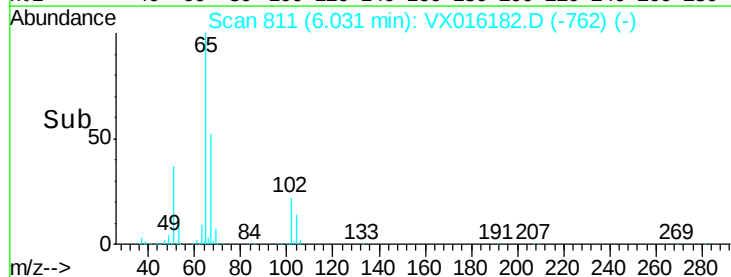
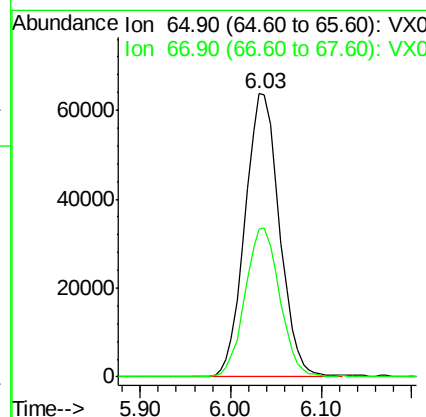
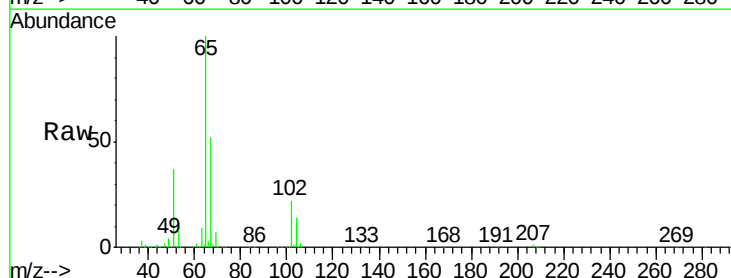
Tot Ion	Ratio	Lower	Upper
96	100		
61	121.6	0.0	296.2
98	59.5	0.0	129.4

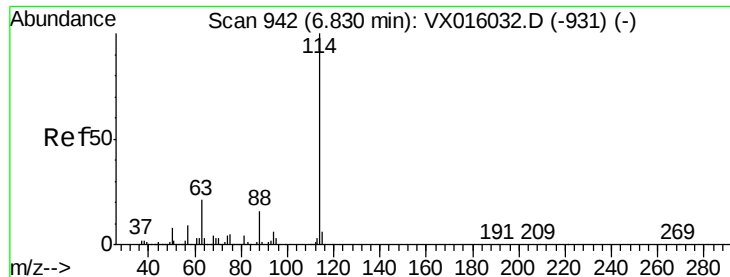


#33

1,2-Dichloroethane-d4
 Concen: 46.706 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016182.D
 Acq: 13 May 2020 16:14

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0554-200511

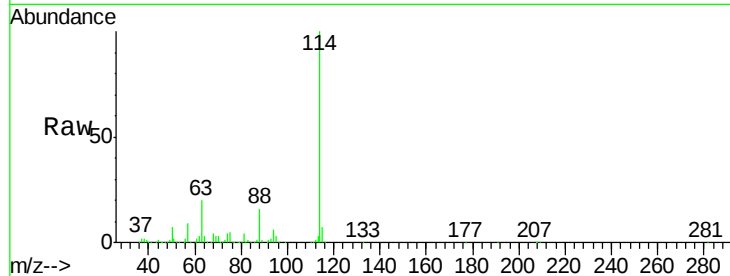
Tot Ion:114 Resp: 452850

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

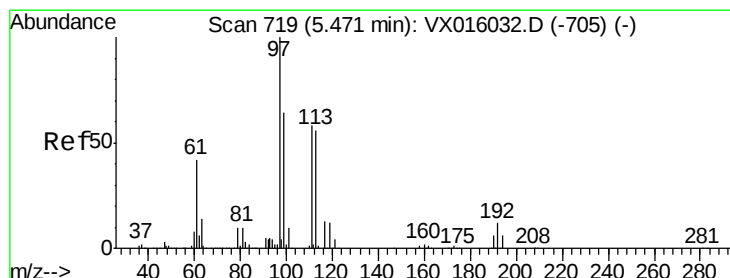
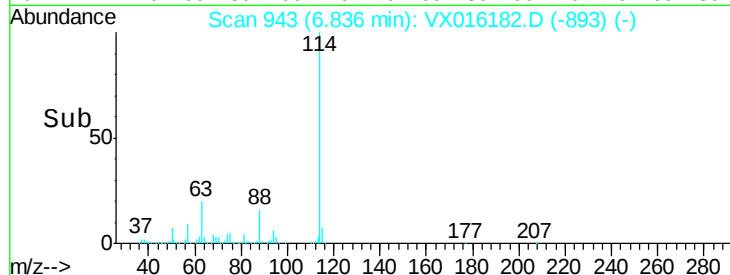
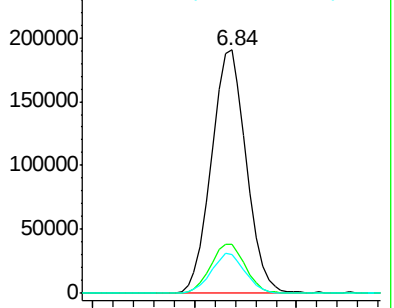
88 16.0 0.0 31.4



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: 47.069 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

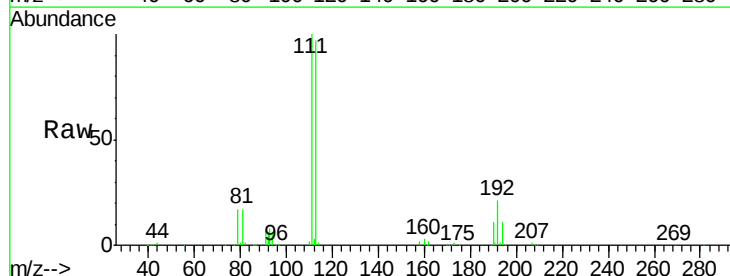
Tgt Ion:113 Resp: 135042

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

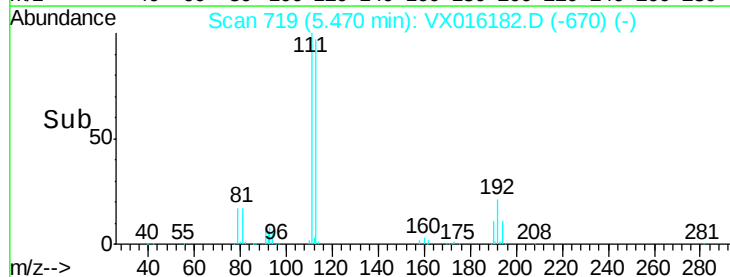
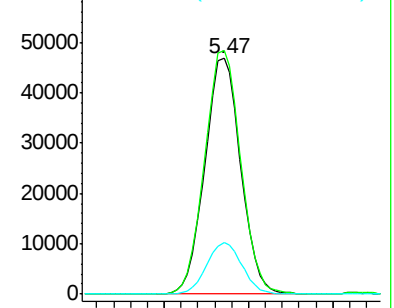
192 21.6 17.0 25.4

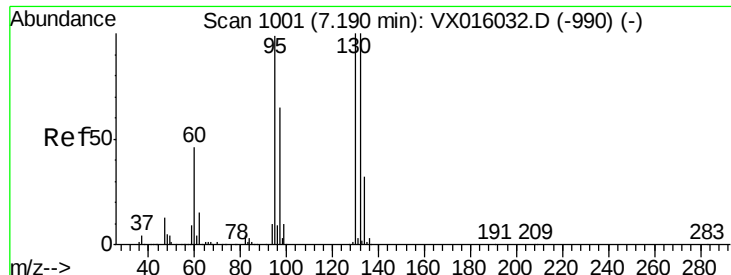


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.757 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

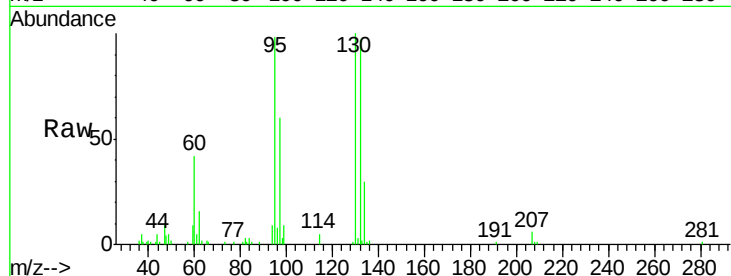
Z4-DUP-0554-200511

Tot Ion:130 Resp: 17408

Ion Ratio Lower Upper

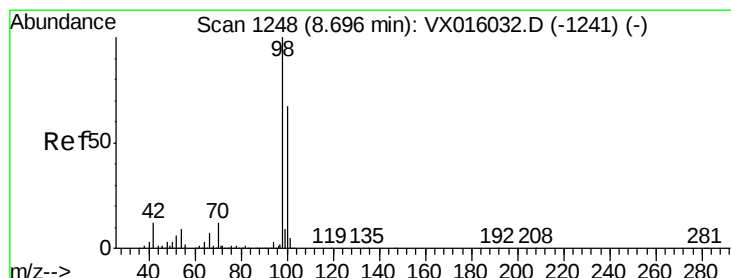
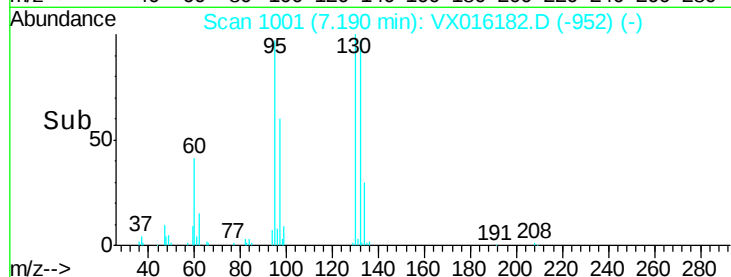
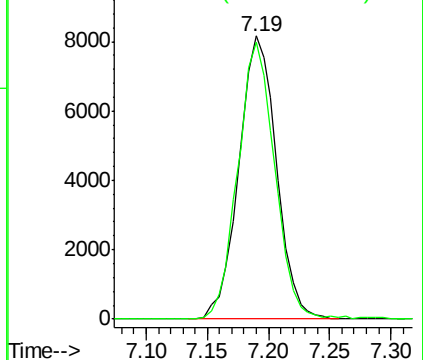
130 100

95 97.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.497 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016182.D

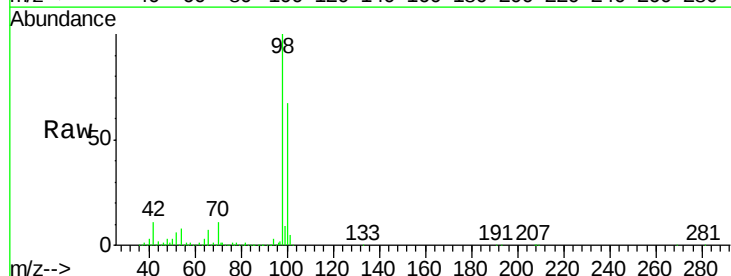
Acq: 13 May 2020 16:14

Tgt Ion: 98 Resp: 558221

Ion Ratio Lower Upper

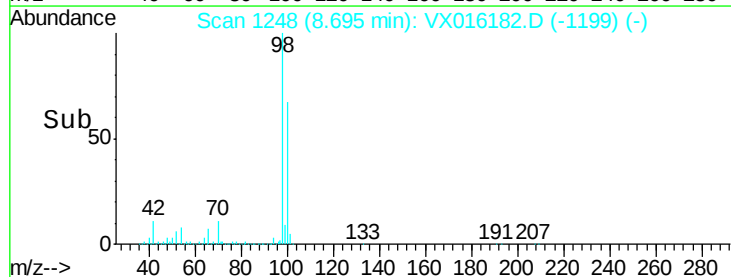
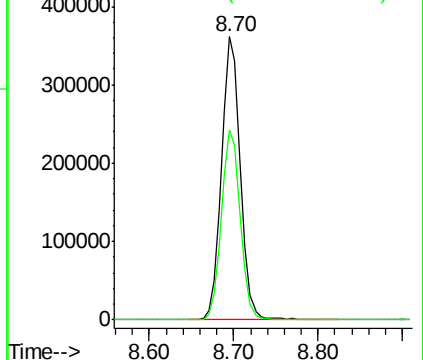
98 100

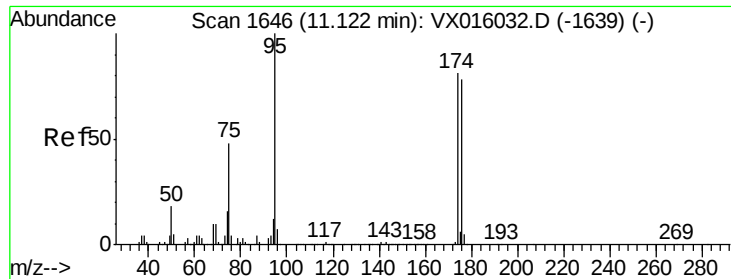
100 67.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.365 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0554-200511

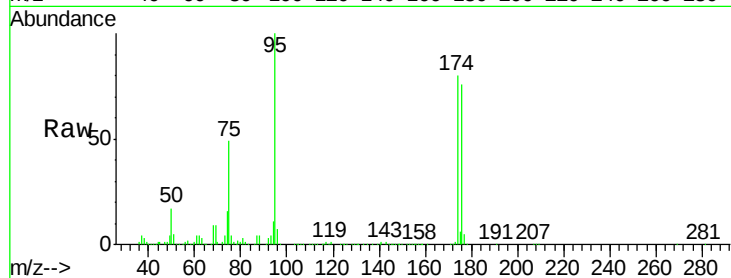
Tot Ion: 95 Resp: 224378

Ion Ratio Lower Upper

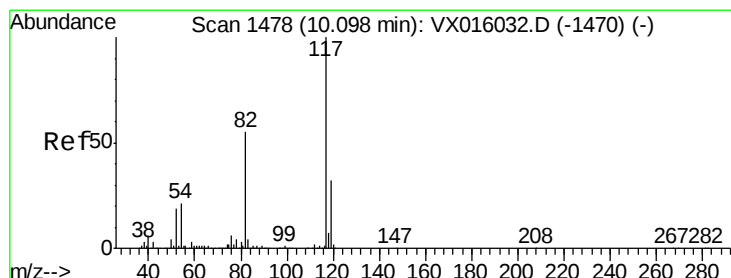
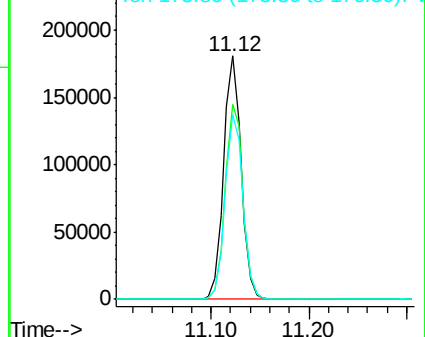
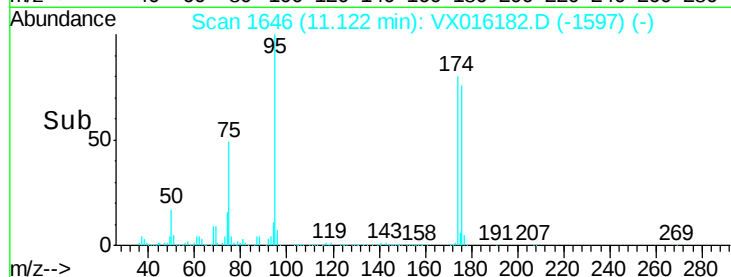
95 100

174 81.5 0.0 159.4

176 77.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016182.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

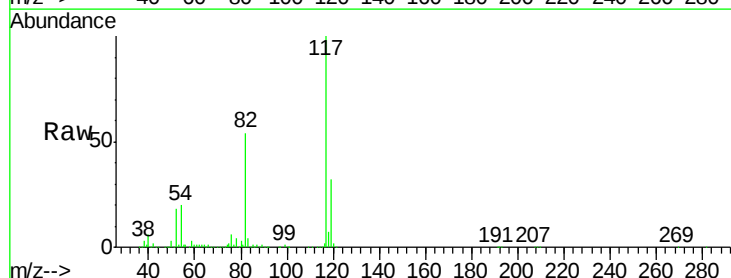
Tgt Ion: 117 Resp: 449048

Ion Ratio Lower Upper

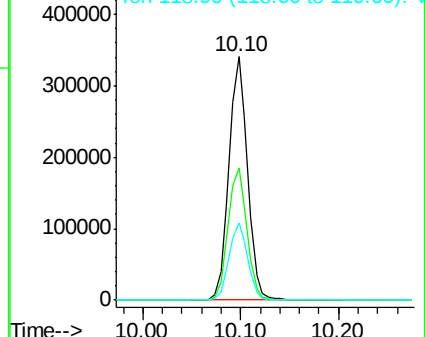
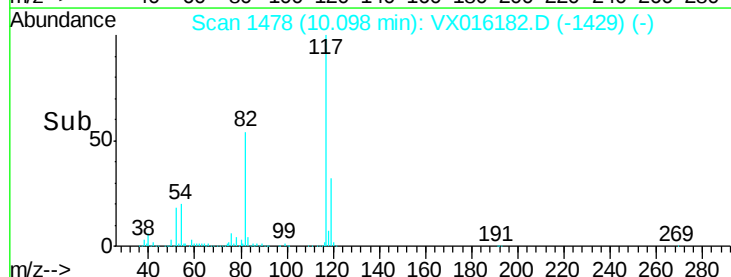
117 100

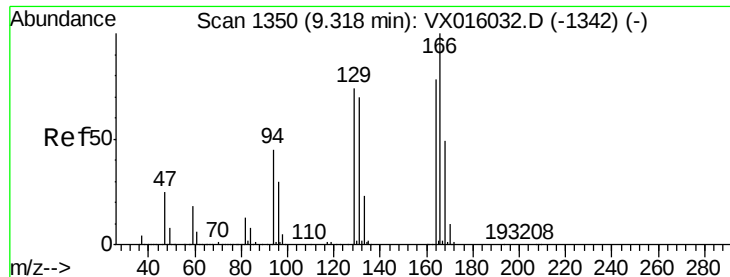
82 54.1 44.4 66.6

119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX016182.D (-1429) (-)





#64

Tetrachloroethene

Concen: 0.896 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0554-200511

Tot Ion:164 Resp: 4938

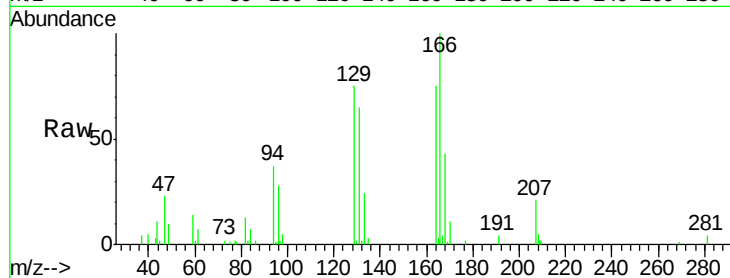
Ion Ratio Lower Upper

164 100

166 133.8 102.9 154.3

129 99.9 76.1 114.1

131 86.3 71.9 107.9

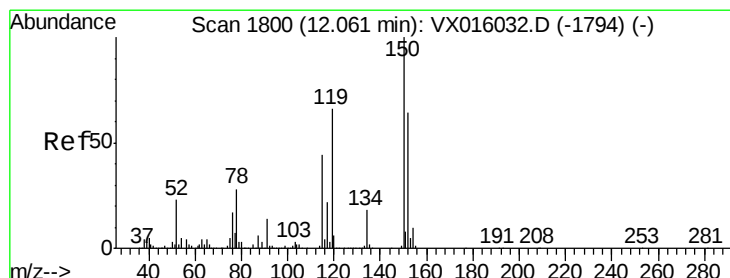
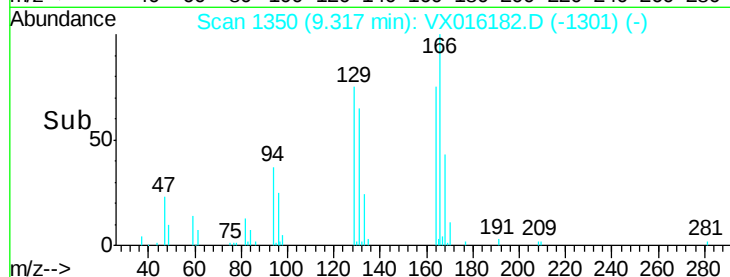
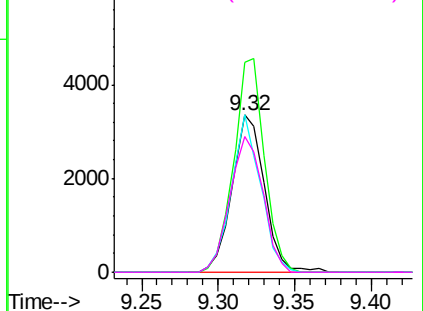


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016182.D

Acq: 13 May 2020 16:14

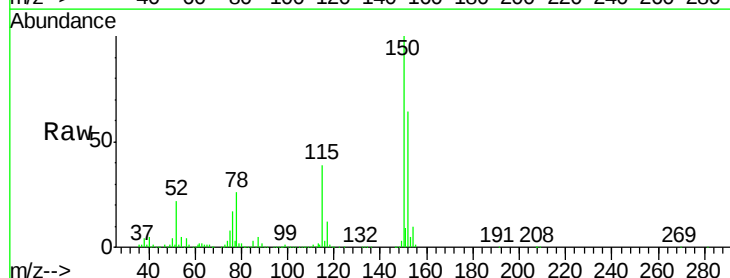
Tgt Ion:152 Resp: 231779

Ion Ratio Lower Upper

152 100

115 57.7 41.3 124.1

150 155.8 0.0 352.2



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

