

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016174.D
 Acq On : 13 May 2020 13:13
 Operator : JC/SP
 Sample : L2597-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW349-200511

Quant Time: May 14 06:47:50 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

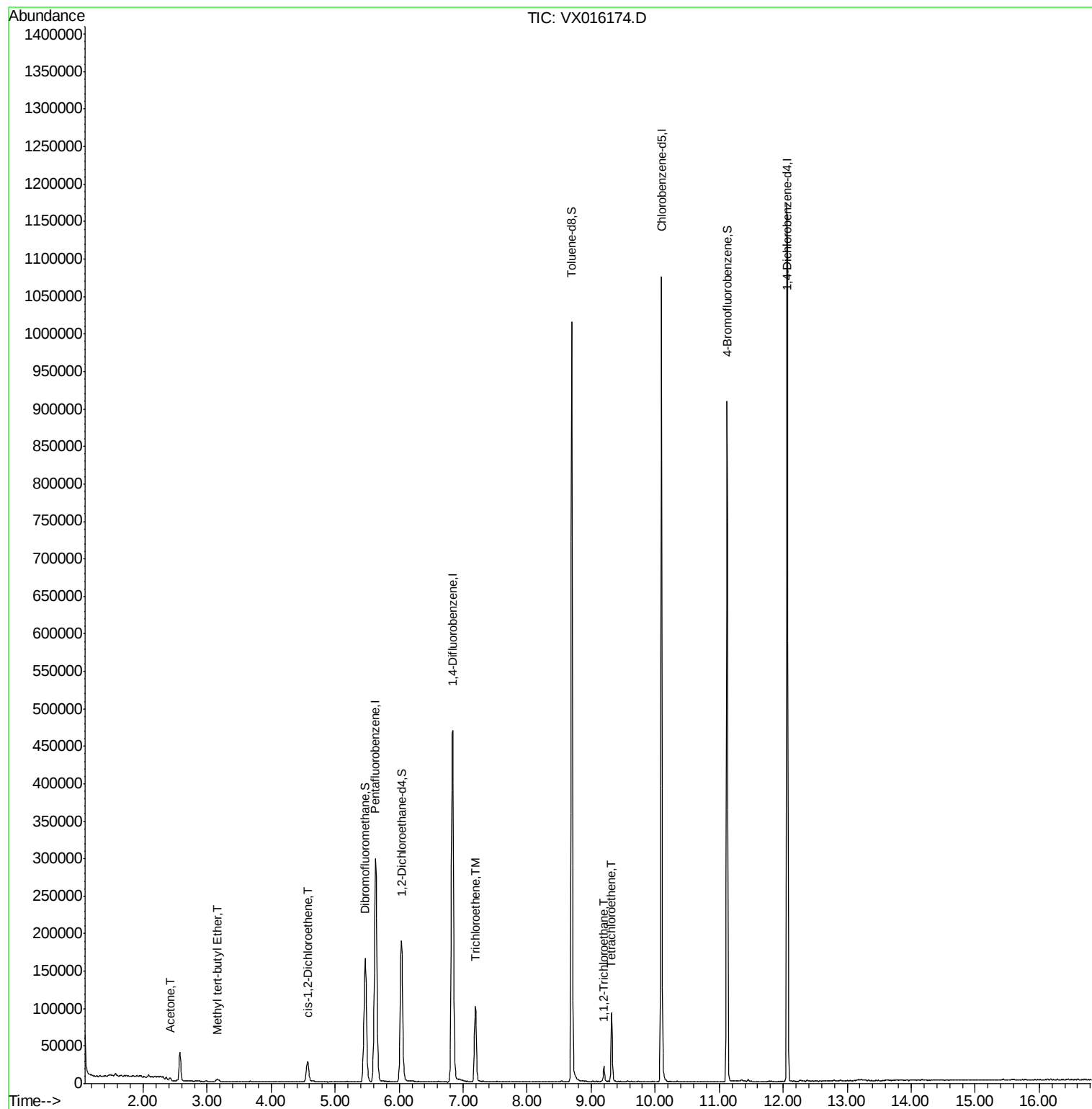
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	489386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	245569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	179859	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
35) Dibromofluoromethane	5.47	113	144747	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	8.70	98	601715	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.12	95	238443	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
Target Compounds						
16) Acetone	2.42	43	3843	2.203	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	2839	0.267	ug/l #	81
27) cis-1,2-Dichloroethene	4.56	96	17302	4.599	ug/l	89
44) Trichloroethene	7.19	130	39412	7.871	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	5472	1.583	ug/l	95
64) Tetrachloroethene	9.32	164	18745	3.190	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA_X

ClientSampleId :

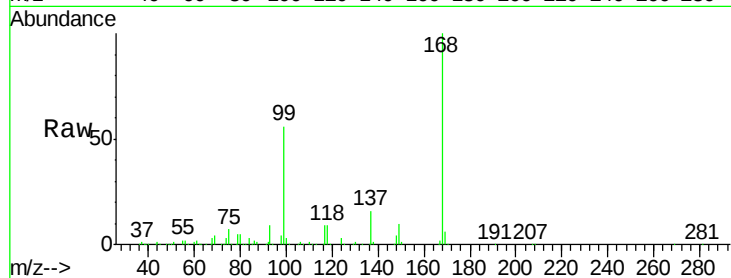
SS052MW349-200511

Tot Ion:168 Resp: 297085

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

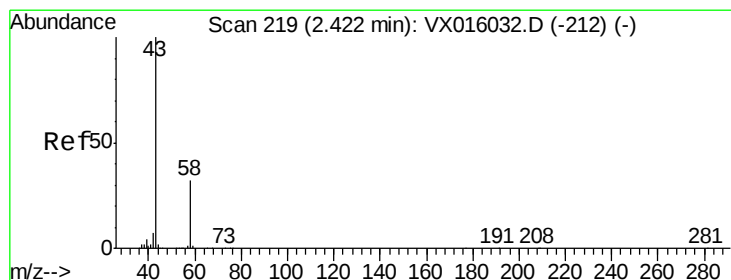
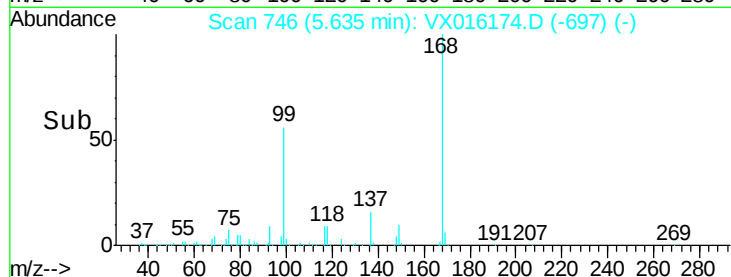
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 2.203 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016174.D

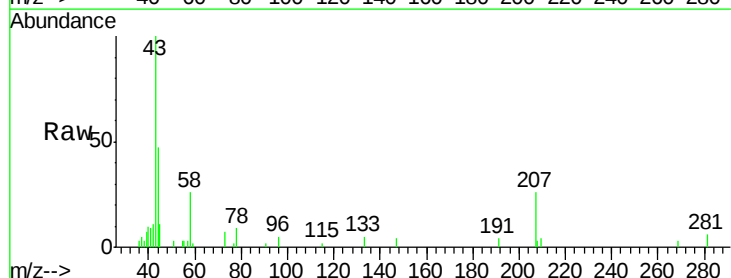
Acq: 13 May 2020 13:13

Tgt Ion: 43 Resp: 3843

Ion Ratio Lower Upper

43 100

58 27.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2500

2000

1500

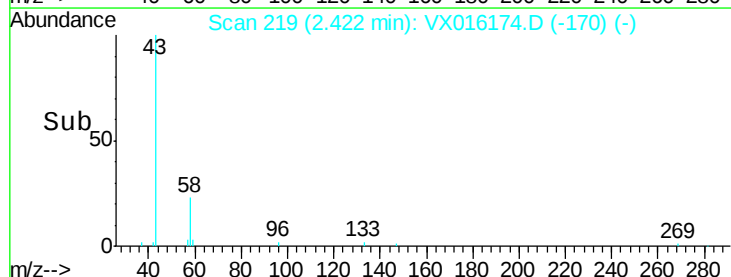
1000

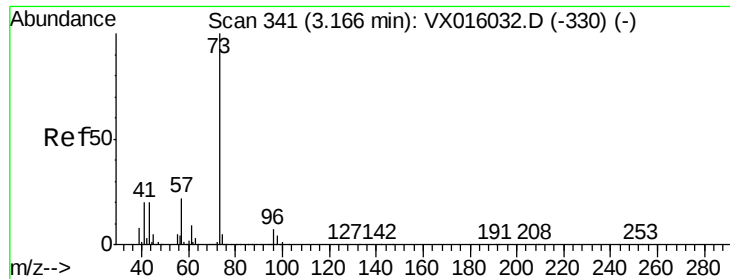
500

0

Time-->

2.35 2.40 2.45 2.50



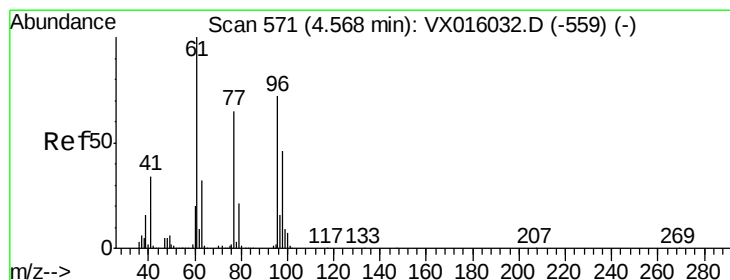
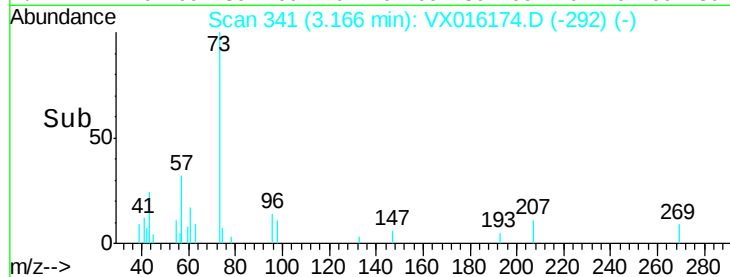
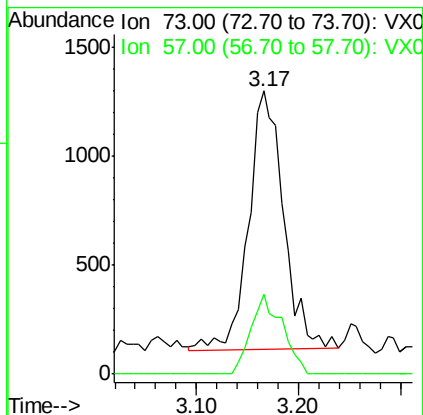
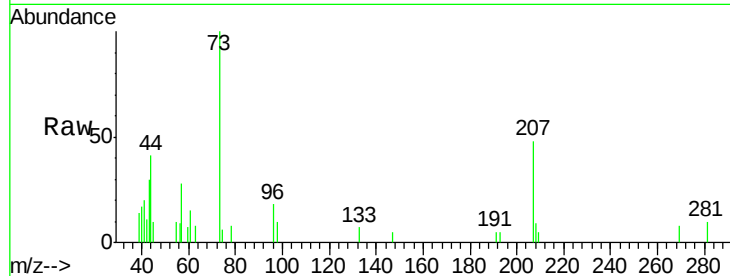


#19

Methyl tert-butyl Ether
 Concen: 0.267 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016174.D
 Acq: 13 May 2020 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW349-200511

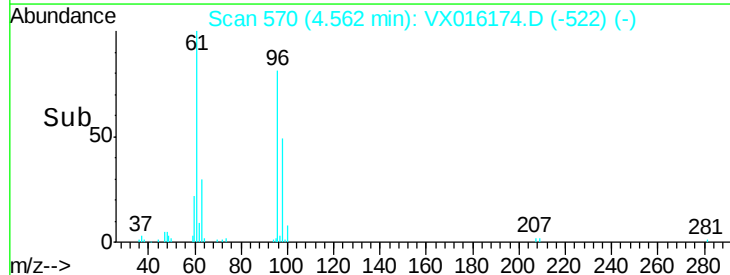
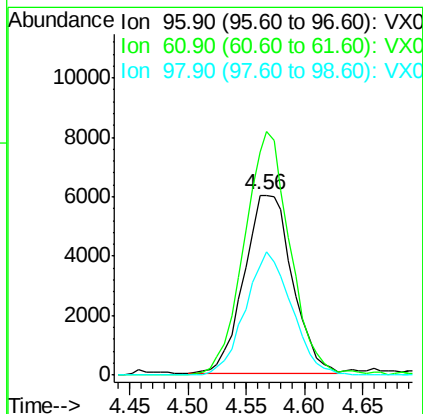
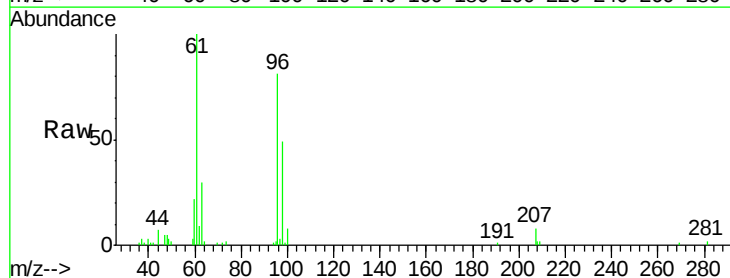
Tot Ion: 73 Resp: 2839
 Ion Ratio Lower Upper
 73 100
 57 31.1 17.8 26.6#

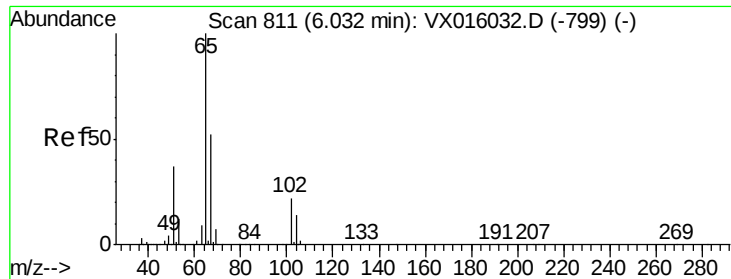


#27

cis-1,2-Dichloroethene
 Concen: 4.599 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016174.D
 Acq: 13 May 2020 13:13

Tgt Ion: 96 Resp: 17302
 Ion Ratio Lower Upper
 96 100
 61 129.9 0.0 296.2
 98 66.0 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 46.008 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA_X

ClientSampleId :

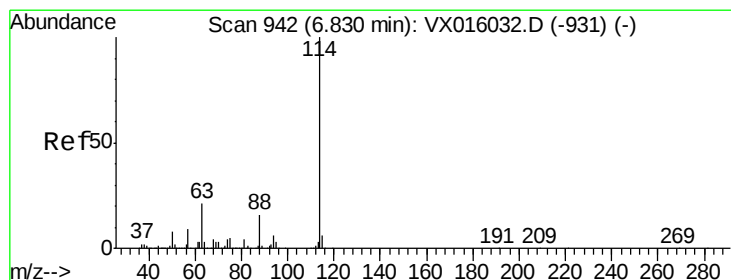
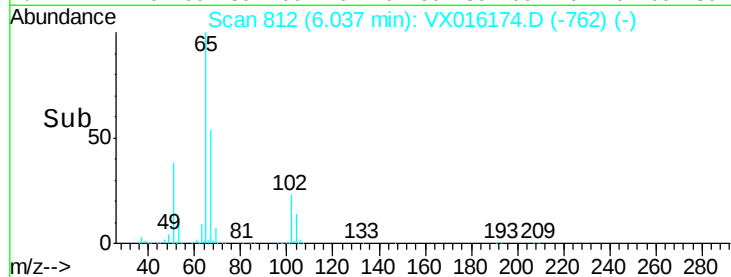
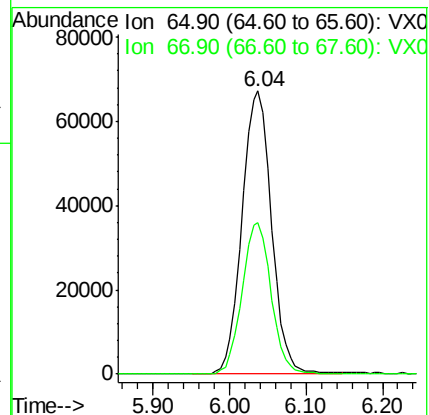
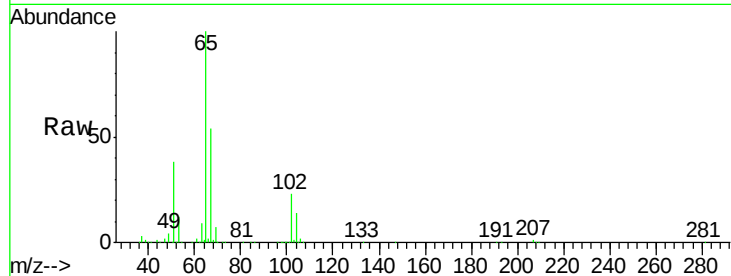
SS052MW349-200511

Tot Ion: 65 Resp: 179859

Ion Ratio Lower Upper

65 100

67 52.6 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: VX016174.D

Acq: 13 May 2020 13:13

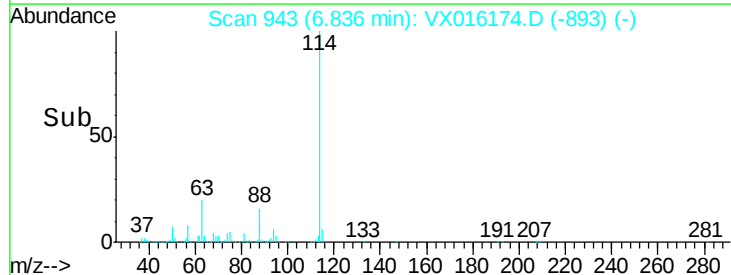
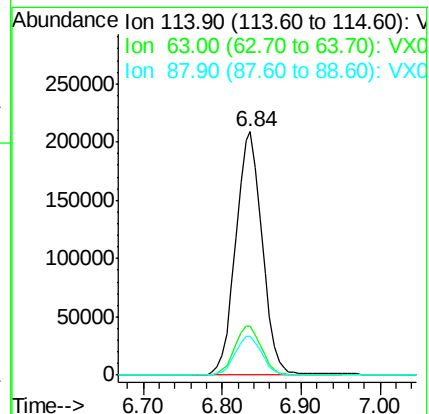
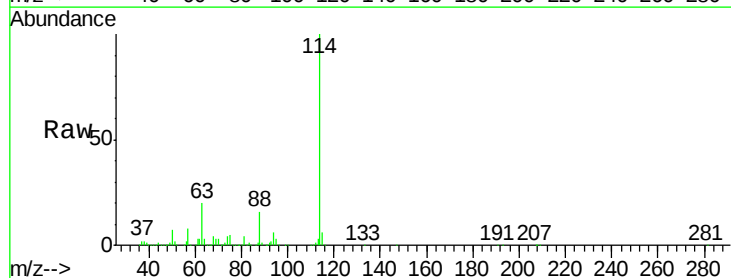
Tgt Ion: 114 Resp: 489386

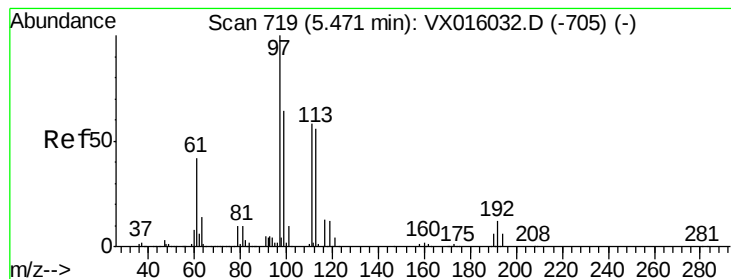
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.685 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW349-200511

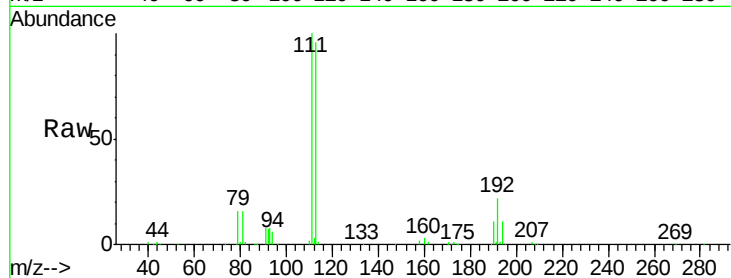
Tot Ion:113 Resp: 144747

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

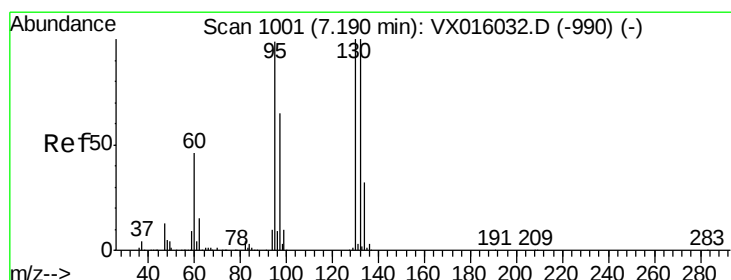
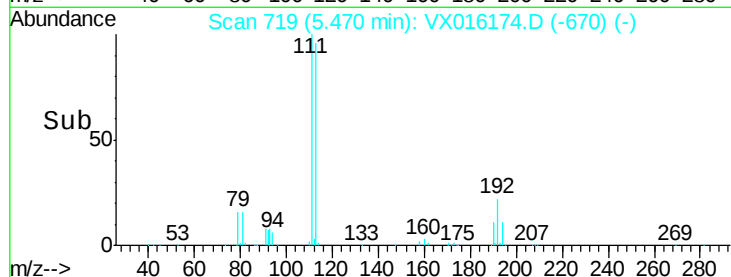
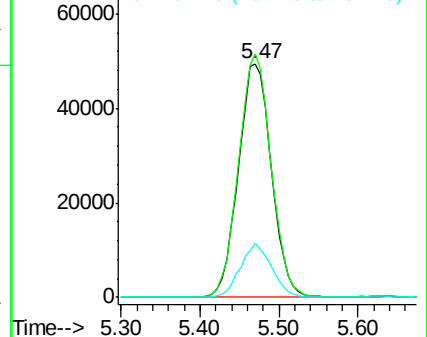
192 21.7 17.0 25.4



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: 7.871 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016174.D

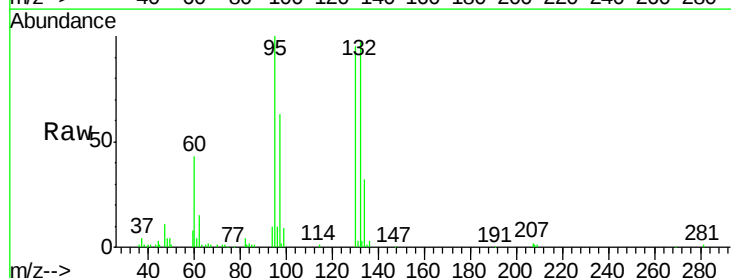
Acq: 13 May 2020 13:13

Tgt Ion:130 Resp: 39412

Ion Ratio Lower Upper

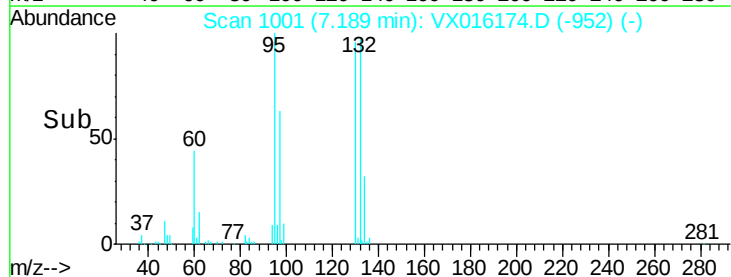
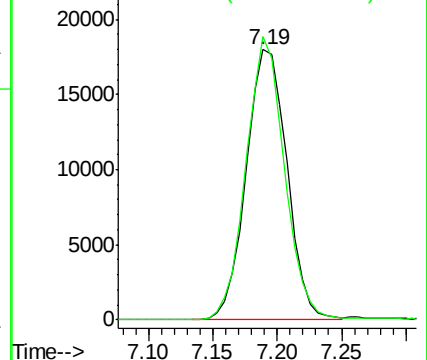
130 100

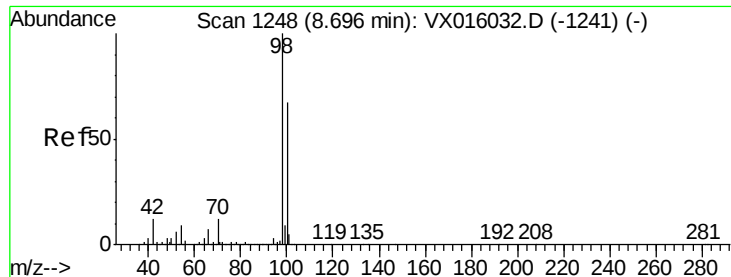
95 104.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.368 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA_X

ClientSampleId :

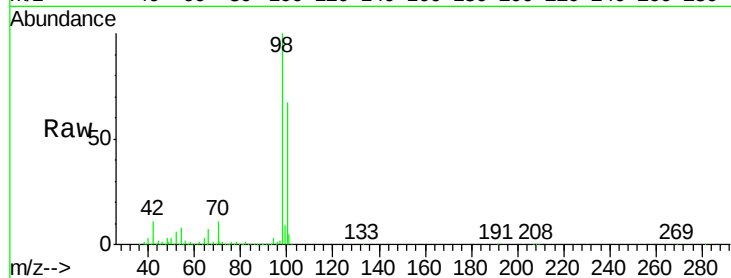
SS052MW349-200511

Tot Ion: 98 Resp: 601715

Ion Ratio Lower Upper

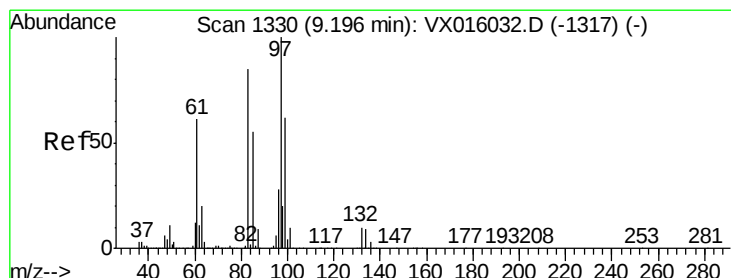
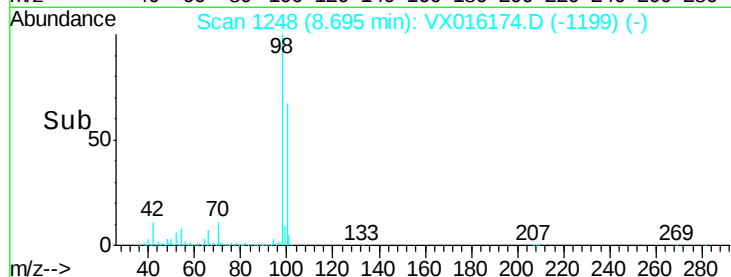
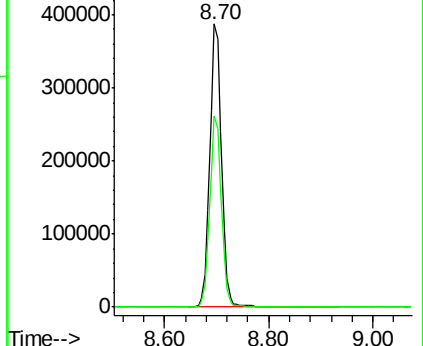
98 100

100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.583 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Tgt Ion: 97 Resp: 5472

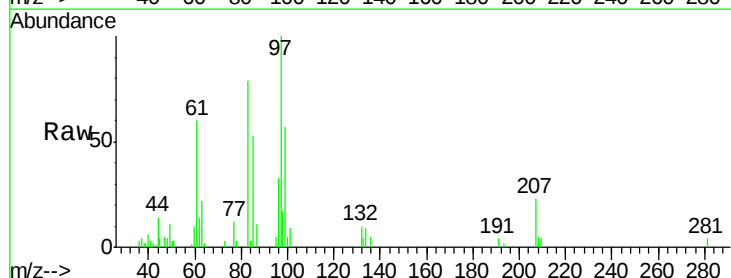
Ion Ratio Lower Upper

97 100

83 78.8 67.8 101.8

85 53.0 43.8 65.8

99 57.3 49.4 74.0

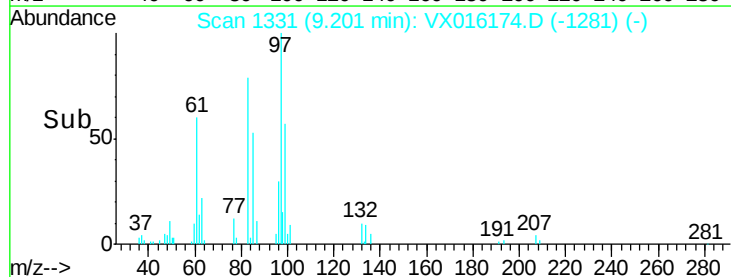
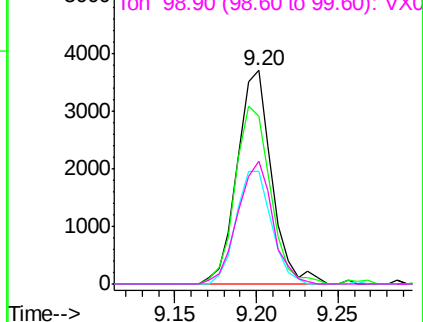


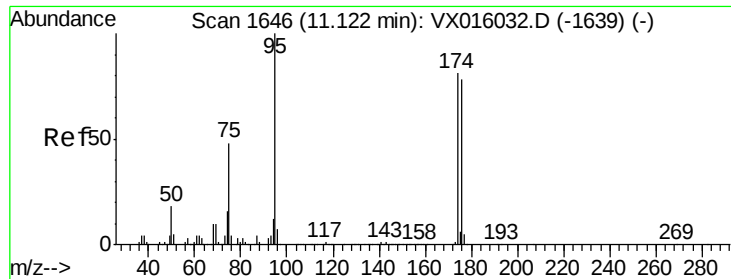
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#62

4-Bromofluorobenzene

Concen: 52.476 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW349-200511

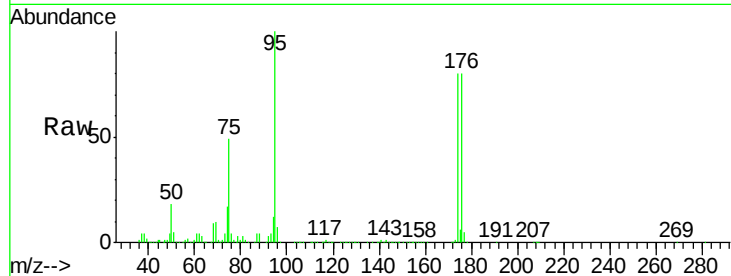
Tot Ion: 95 Resp: 238443

Ion Ratio Lower Upper

95 100

174 82.8 0.0 159.4

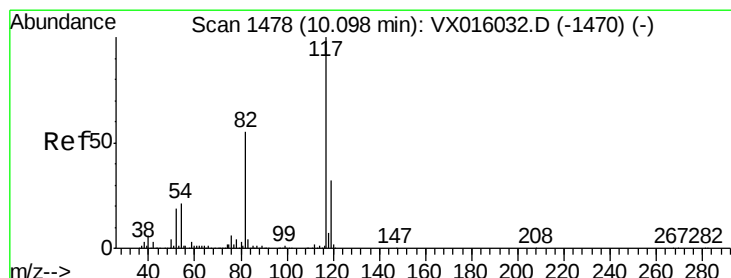
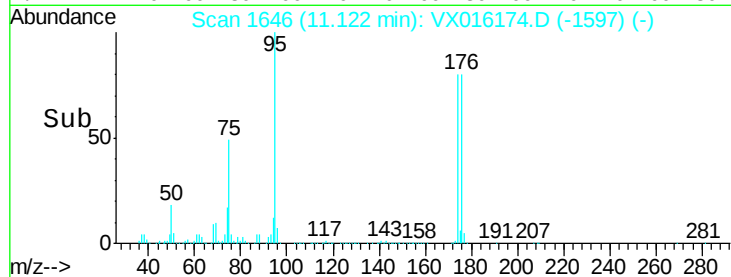
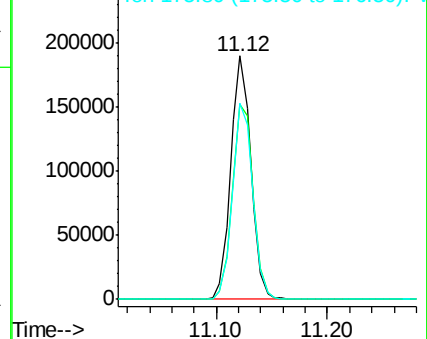
176 80.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016174.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016174.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016174.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

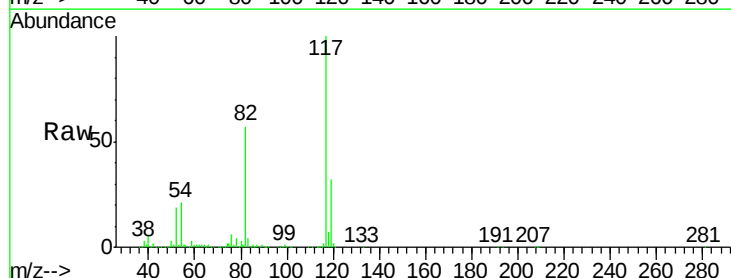
Tgt Ion: 117 Resp: 478587

Ion Ratio Lower Upper

117 100

82 56.9 44.4 66.6

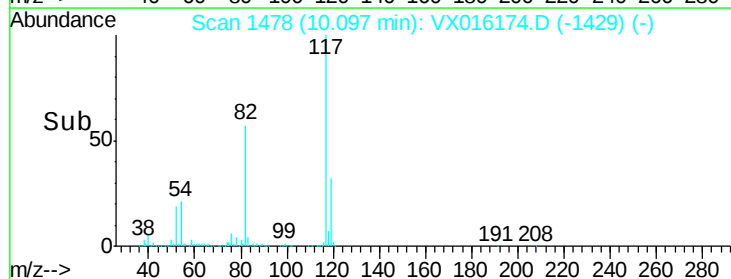
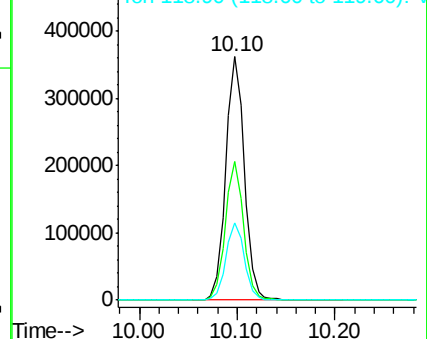
119 31.9 25.5 38.3

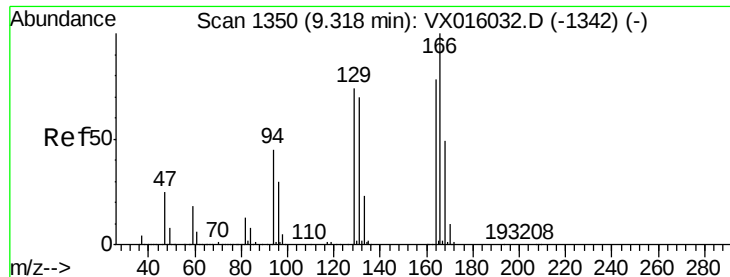


Abundance Ion 116.90 (116.60 to 117.60): VX016174.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016174.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016174.D (-1429) (-)





#64

Tetrachloroethene

Concen: 3.190 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW349-200511

Tot Ion:164 Resp: 18745

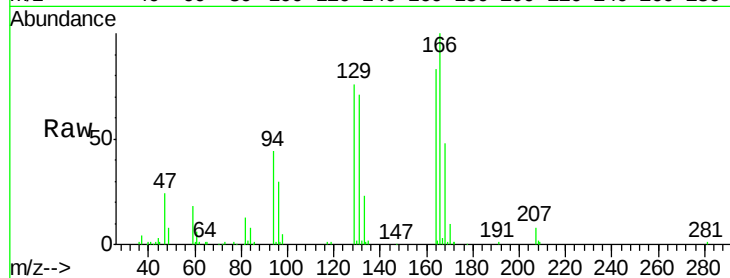
Ion Ratio Lower Upper

164 100

166 120.9 102.9 154.3

129 92.1 76.1 114.1

131 85.3 71.9 107.9

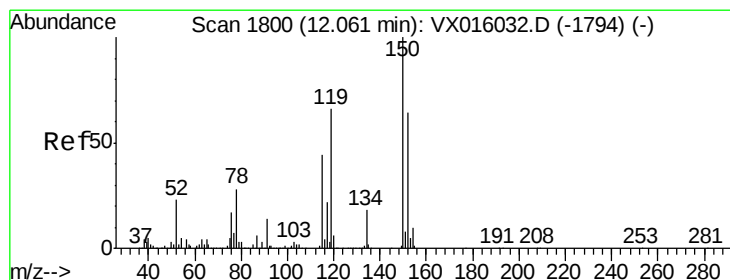
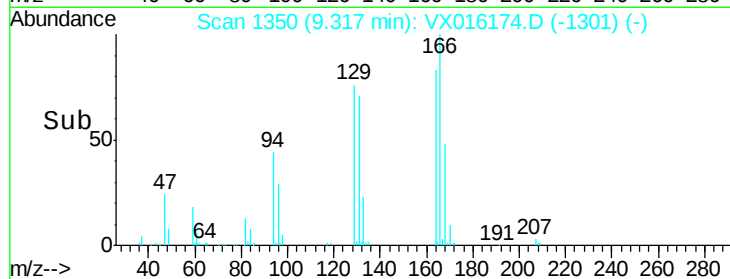
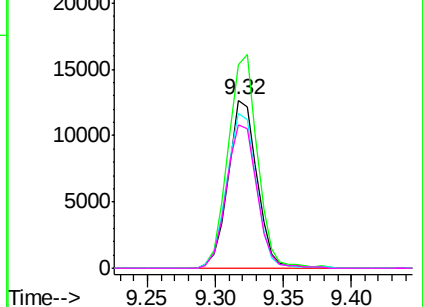


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

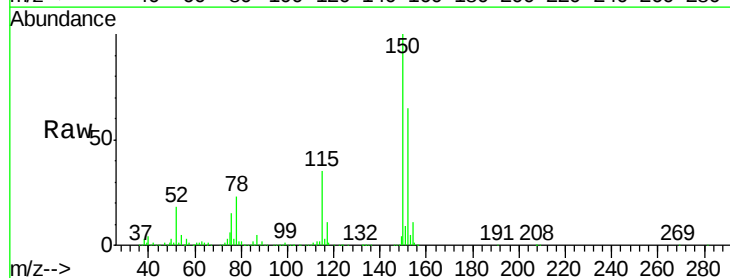
Tgt Ion:152 Resp: 245569

Ion Ratio Lower Upper

152 100

115 58.2 41.3 124.1

150 158.1 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

