

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016143.D
 Acq On : 11 May 2020 13:03
 Operator : JC/SP
 Sample : L2552-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW352-200507

Quant Time: May 11 18:47:13 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	301121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	492921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	480446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	182670	46.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.20%	
35) Dibromofluoromethane	5.47	113	145309	46.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.06%	
50) Toluene-d8	8.70	98	610572	50.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.12	95	245102	53.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.12%	

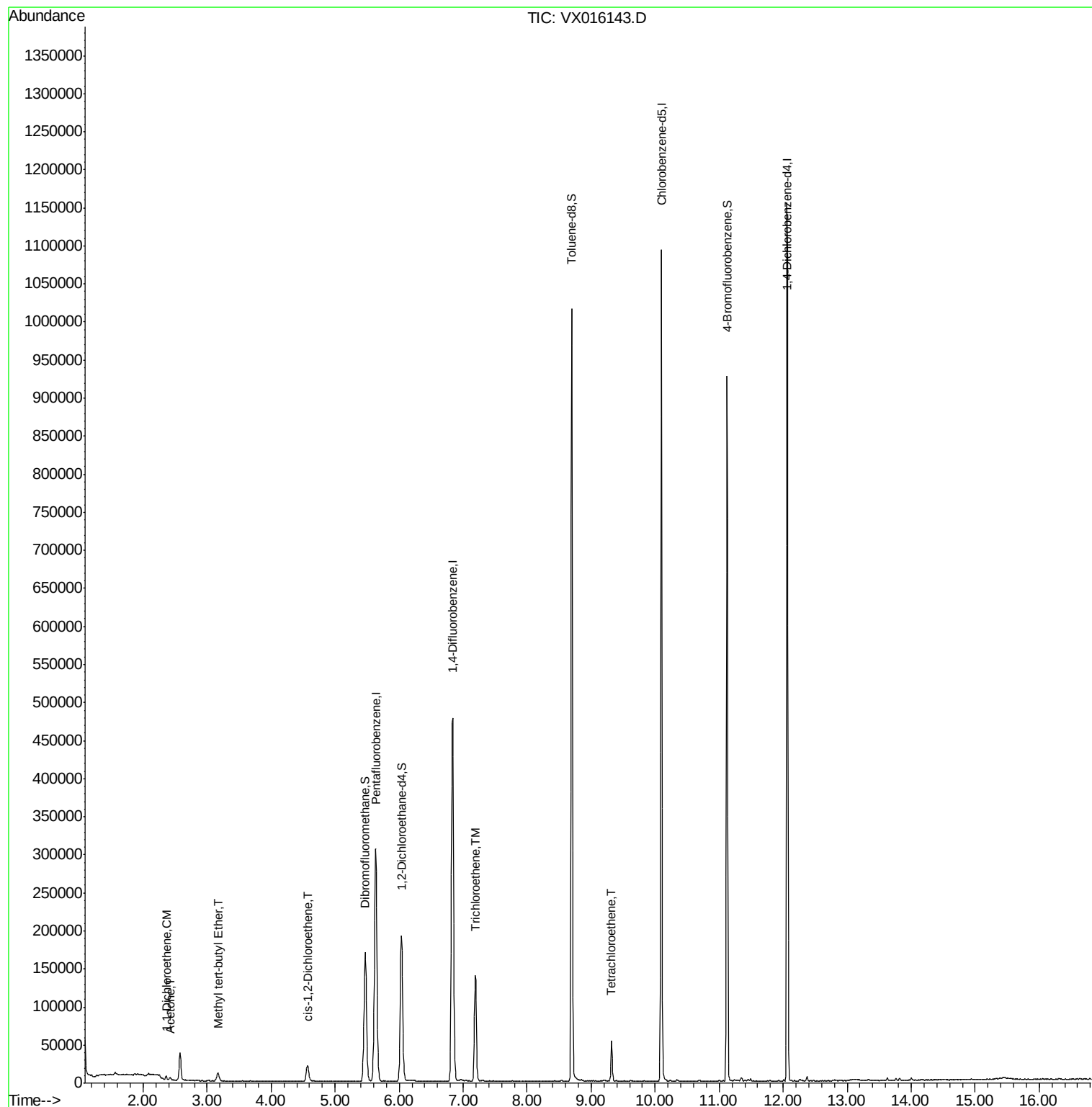
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	1456	0.465	ug/l	98
16) Acetone	2.42	43	2714	1.535	ug/l #	85
19) Methyl tert-butyl Ether	3.17	73	11317	1.049	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	13832	3.627	ug/l	85
44) Trichloroethene	7.19	130	54537	10.813	ug/l	97
64) Tetrachloroethene	9.32	164	10205	1.730	ug/l	97

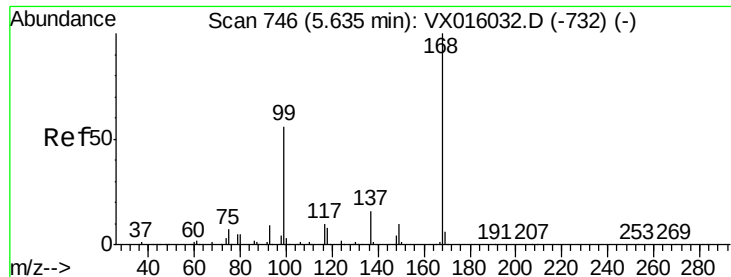
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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# 745

Delta R.T. -0.01 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

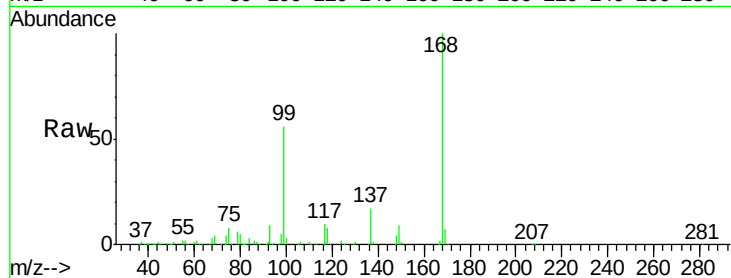
SS052MW352-200507

Tot Ion:168 Resp: 301121

Ion Ratio Lower Upper

168 100

99 55.6 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

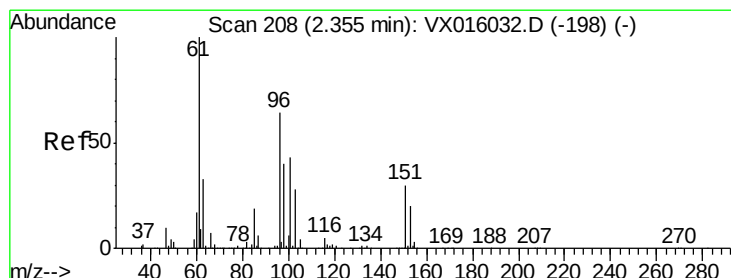
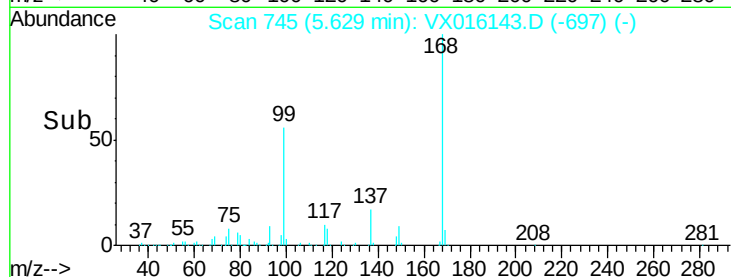
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.465 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

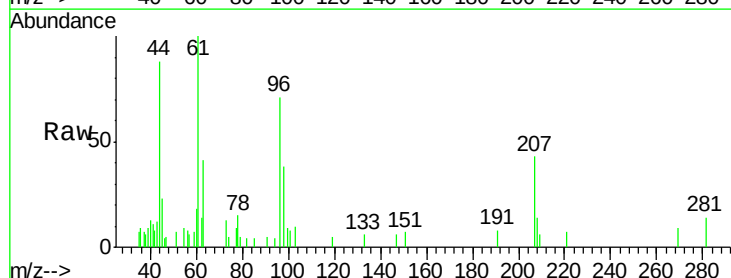
Tgt Ion: 96 Resp: 1456

Ion Ratio Lower Upper

96 100

61 154.7 124.8 187.2

98 58.6 49.7 74.5



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

2000

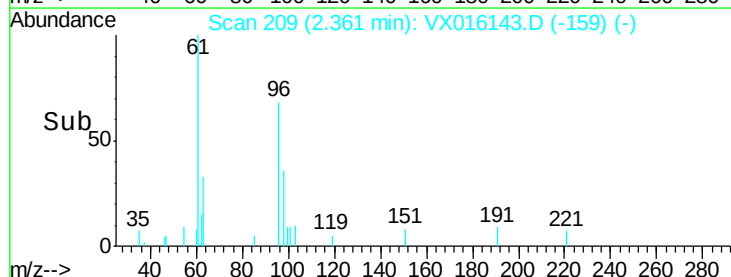
1500

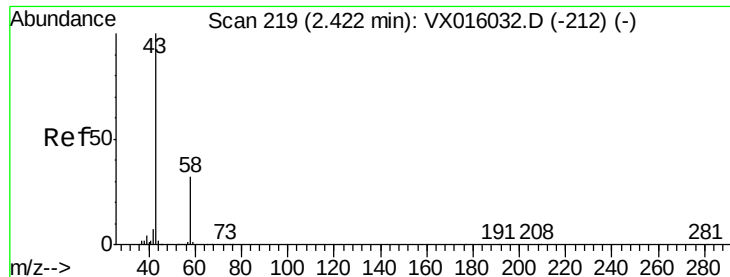
1000

500

0

Time-->





#16

Acetone

Concen: 1.535 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

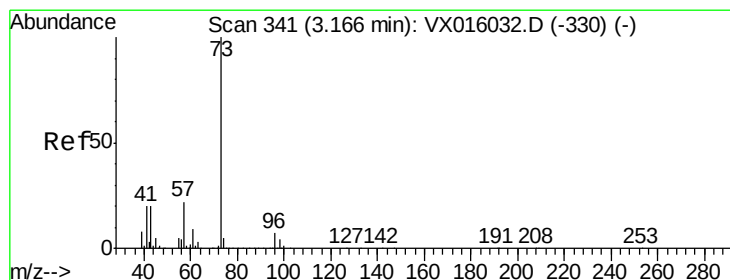
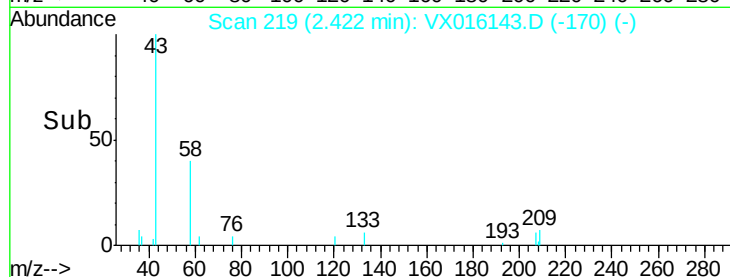
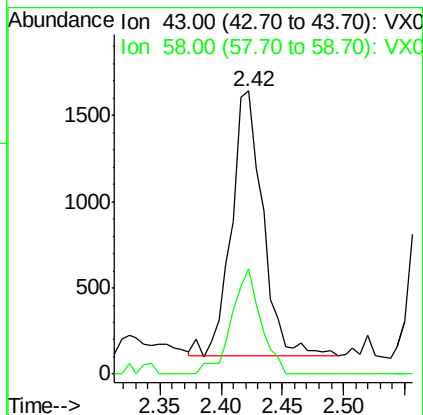
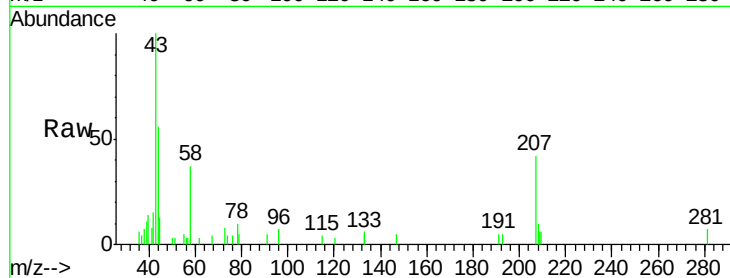
SS052MW352-200507

Tot Ion: 43 Resp: 2714

Ion Ratio Lower Upper

43 100

58 40.0 25.4 38.0#



#19

Methyl tert-butyl Ether

Concen: 1.049 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX016143.D

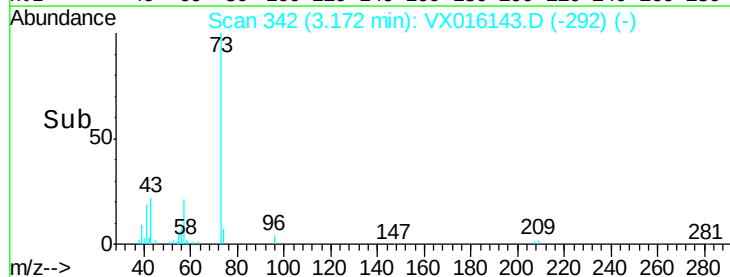
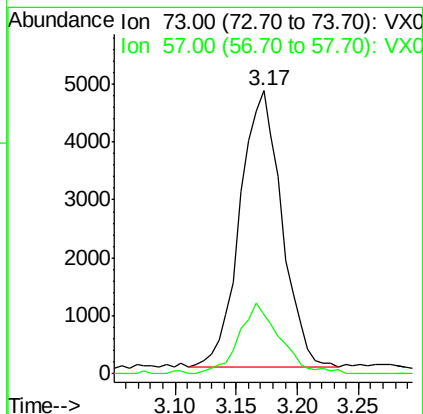
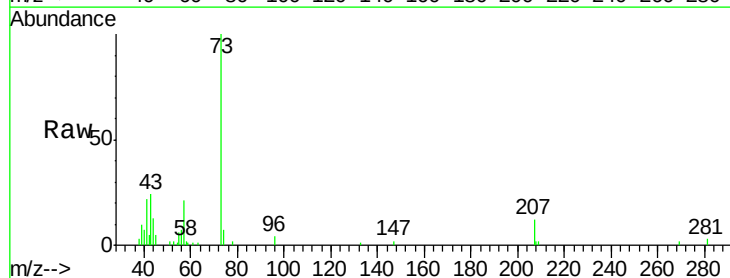
Acq: 11 May 2020 13:03

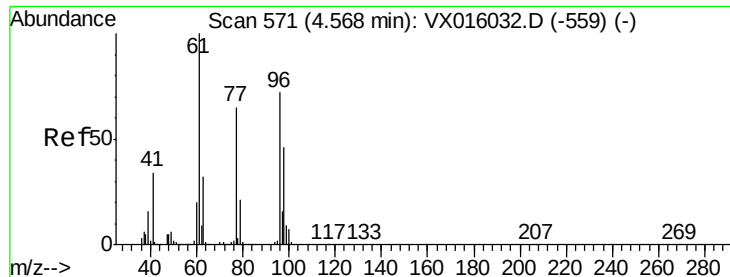
Tgt Ion: 73 Resp: 11317

Ion Ratio Lower Upper

73 100

57 21.5 17.8 26.6



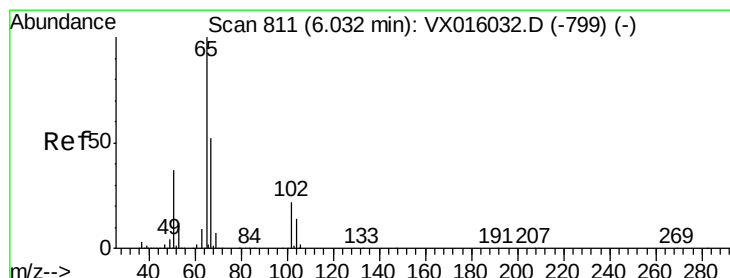
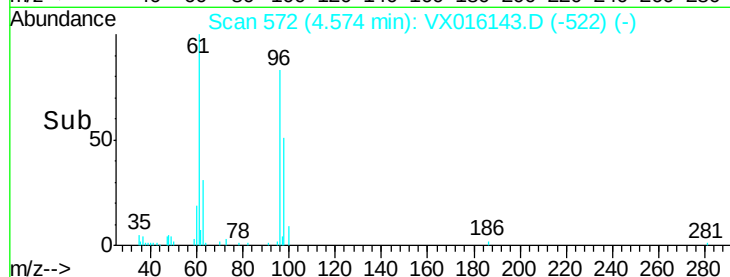
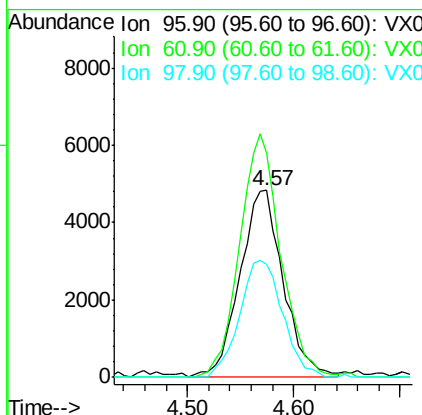
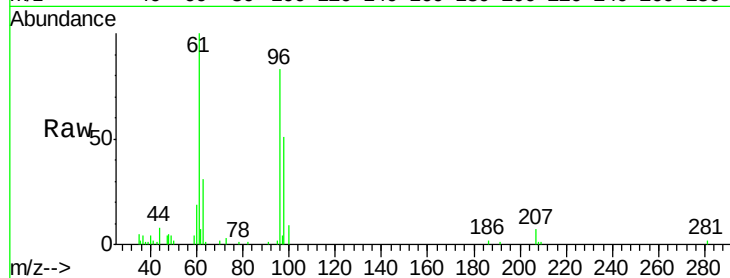


#27

cis-1,2-Dichloroethene
 Concen: 3.627 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX016143.D
 Acq: 11 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW352-200507

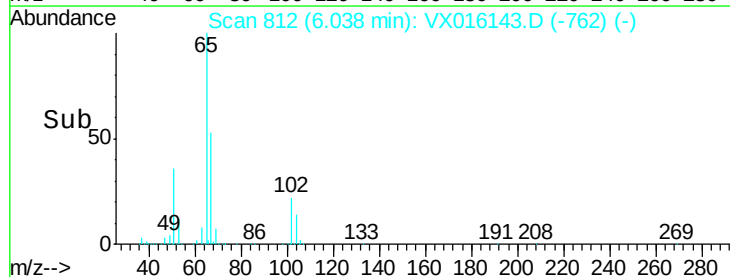
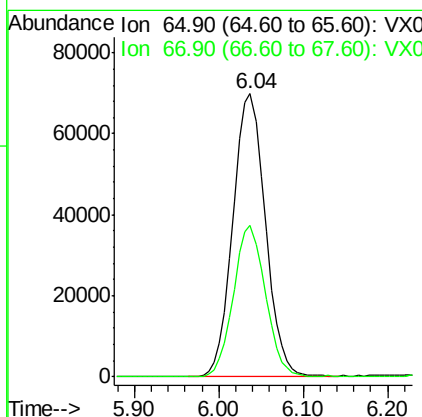
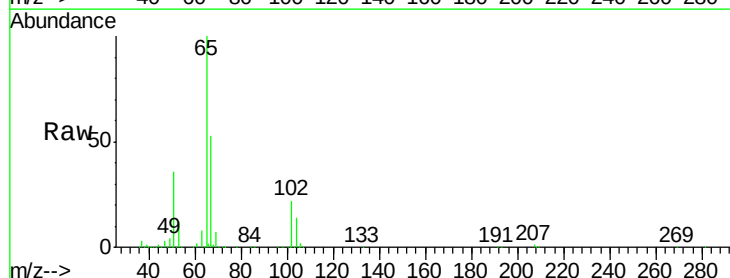
Tot Ion	96	Resp:	13832
Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	296.2
98	61.8	0.0	129.4

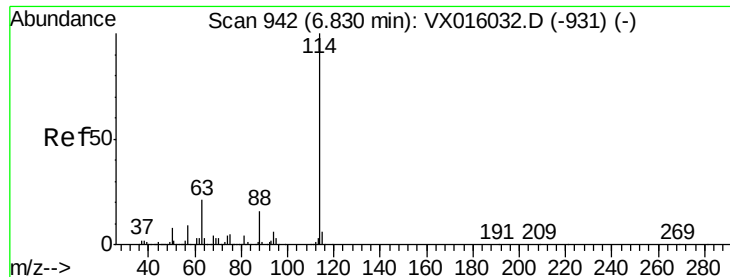


#33

1,2-Dichloroethane-d4
 Concen: 46.100 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016143.D
 Acq: 11 May 2020 13:03

Tgt Ion	65	Resp:	182670
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: VX016143.D

Acq: 11 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

SS052MW352-200507

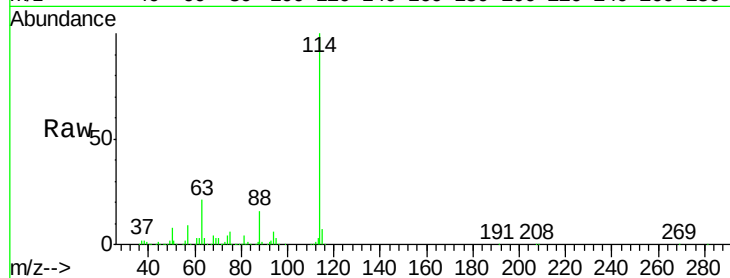
Tot Ion:114 Resp: 492921

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

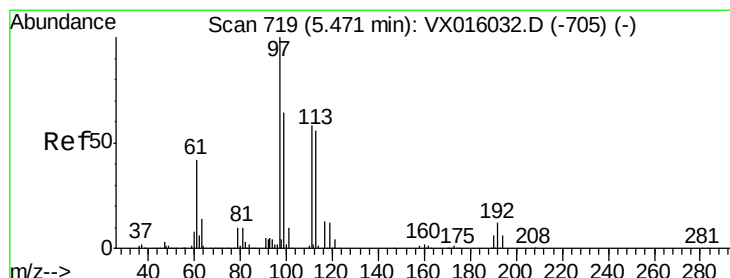
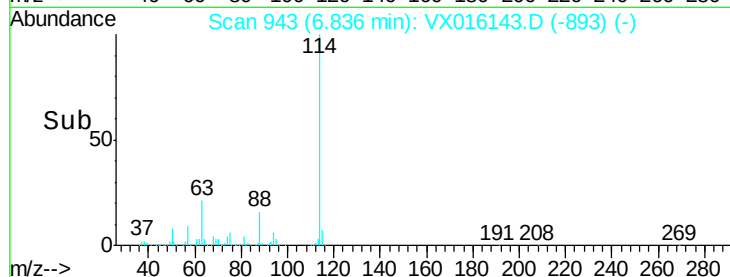
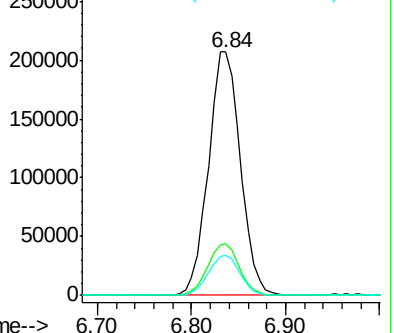
88 16.3 0.0 31.4



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: 46.531 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

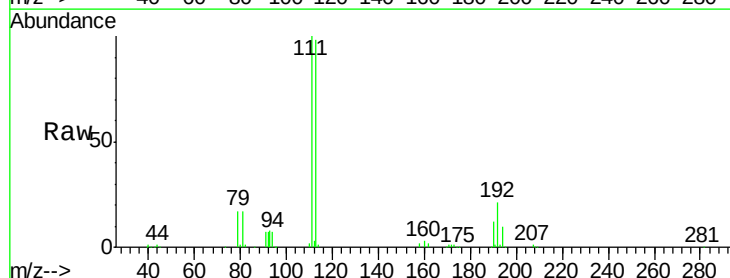
Tgt Ion:113 Resp: 145309

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

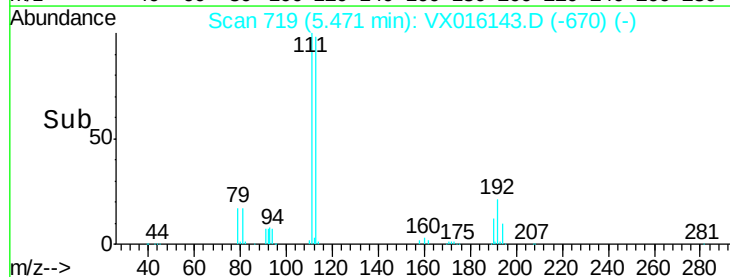
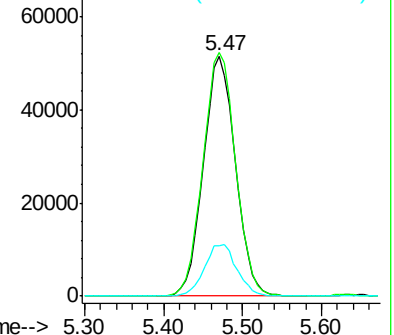
192 21.9 17.0 25.4

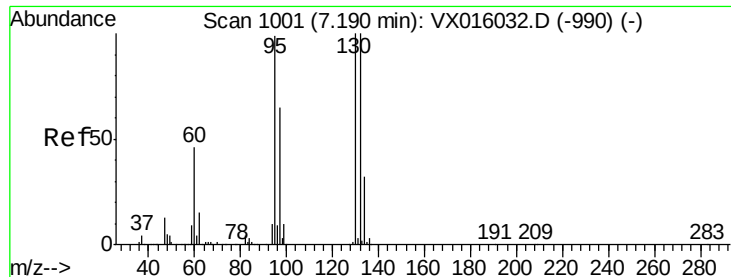


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 10.813 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

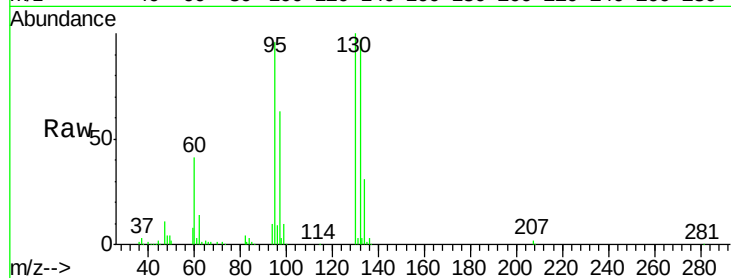
SS052MW352-200507

Tot Ion:130 Resp: 54537

Ion Ratio Lower Upper

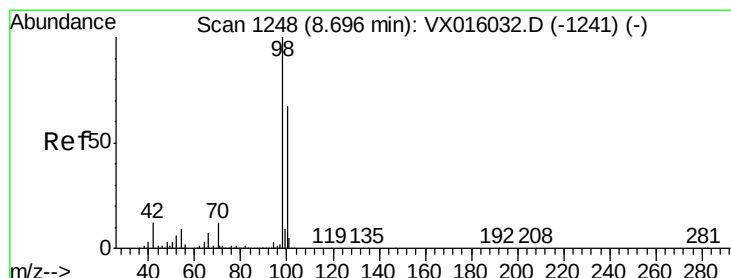
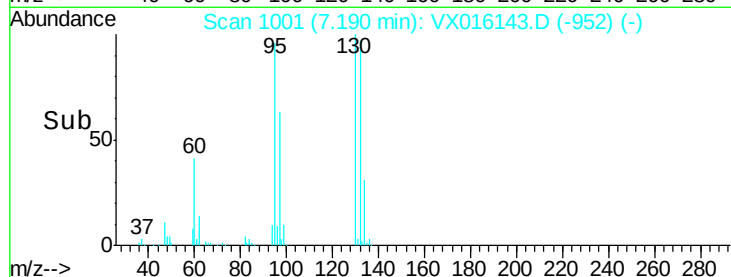
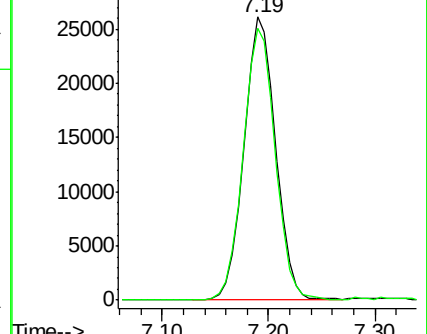
130 100

95 96.0 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: 50.743 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016143.D

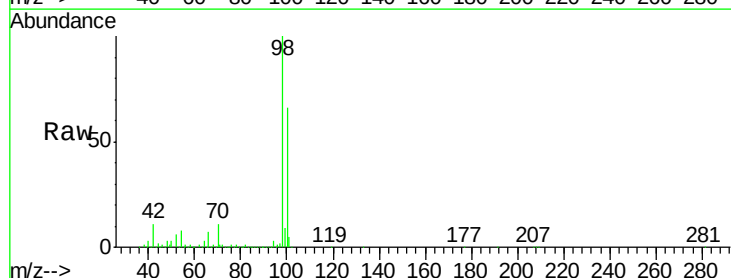
Acq: 11 May 2020 13:03

Tgt Ion: 98 Resp: 610572

Ion Ratio Lower Upper

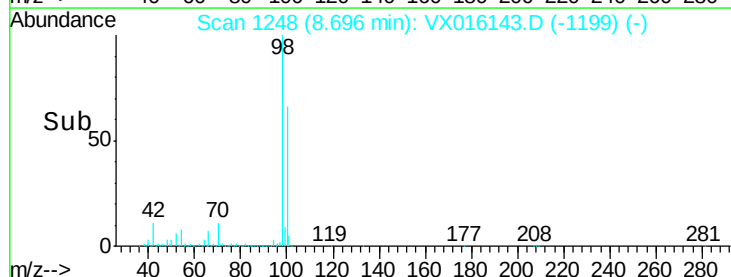
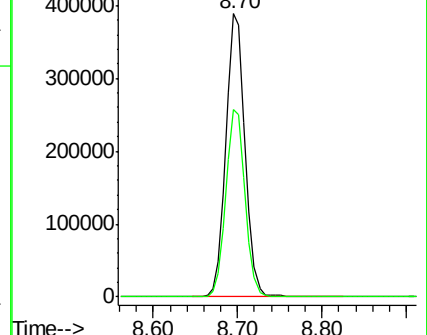
98 100

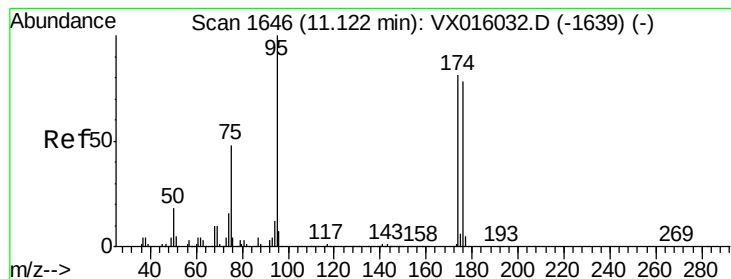
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.555 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

SS052MW352-200507

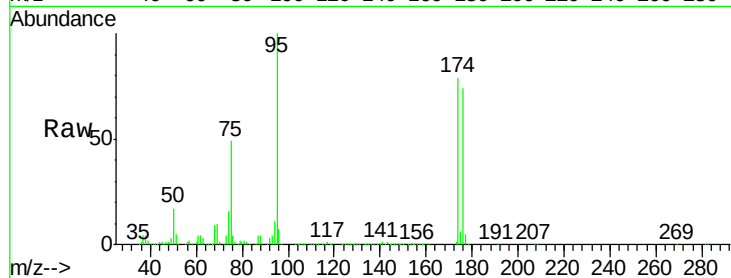
Tot Ion: 95 Resp: 245102

Ion Ratio Lower Upper

95 100

174 81.6 0.0 159.4

176 75.8 0.0 157.6

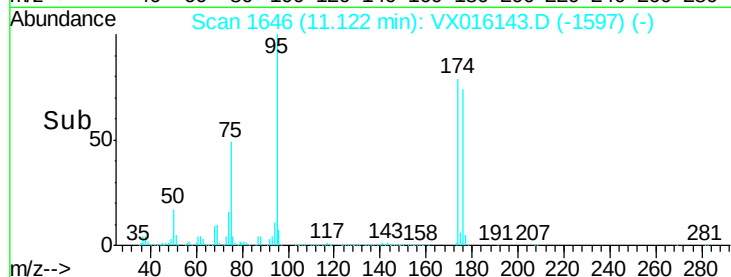


Abundance Ion 94.90 (94.60 to 95.60): VX016032.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016032.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016032.D (-1639) (-)

Time-->

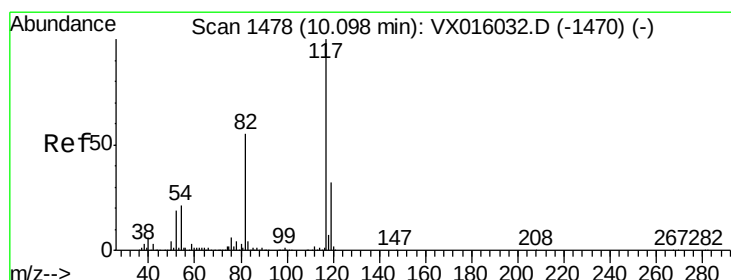


Abundance Ion 94.90 (94.60 to 95.60): VX016143.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016143.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016143.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

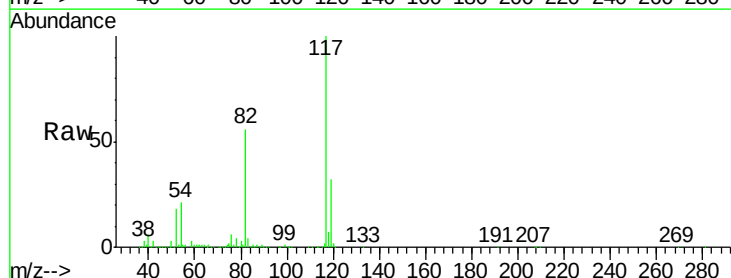
Tgt Ion: 117 Resp: 480446

Ion Ratio Lower Upper

117 100

82 55.7 44.4 66.6

119 32.0 25.5 38.3

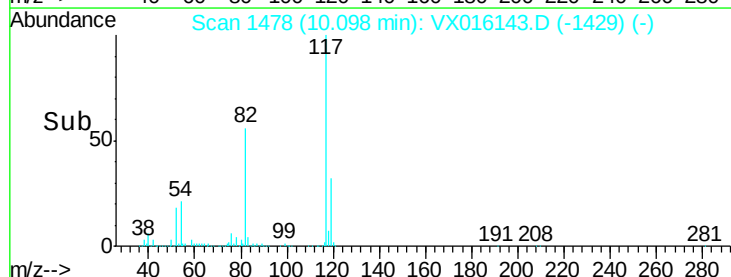


Abundance Ion 116.90 (116.60 to 117.60): VX016032.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016032.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016032.D (-1470) (-)

Time-->

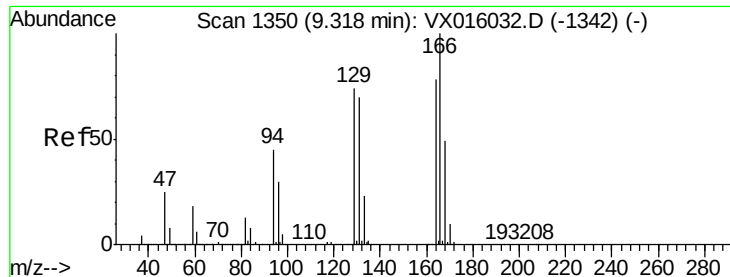


Abundance Ion 116.90 (116.60 to 117.60): VX016143.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016143.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016143.D (-1429) (-)

Time-->



#64

Tetrachloroethene

Concen: 1.730 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016143.D

Acq: 11 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

SS052MW352-200507

Tot Ion:164 Resp: 10205

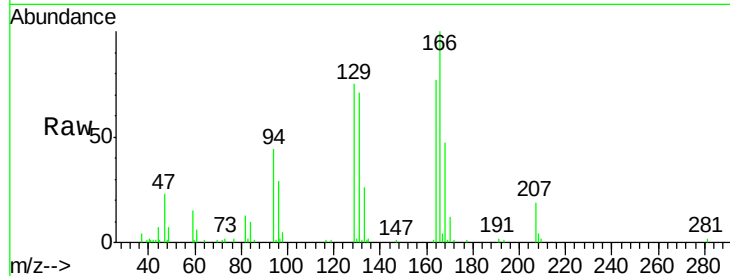
Ion Ratio Lower Upper

164 100

166 130.6 102.9 154.3

129 97.7 76.1 114.1

131 93.3 71.9 107.9

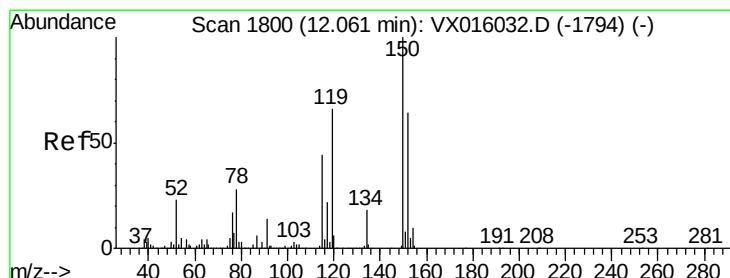
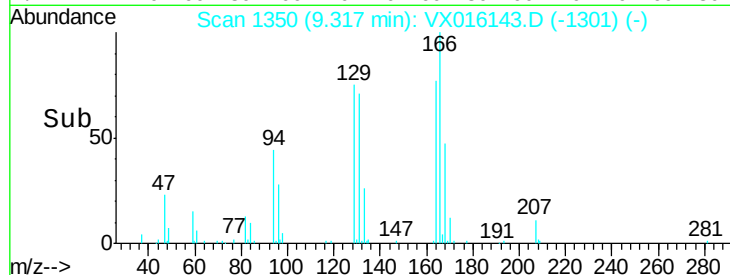
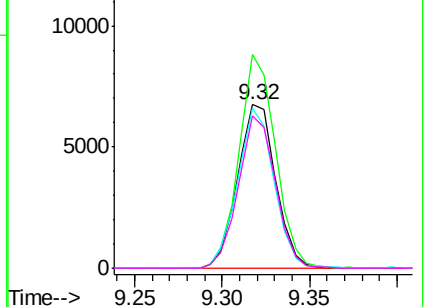


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX016143.D

Acq: 11 May 2020 13:03

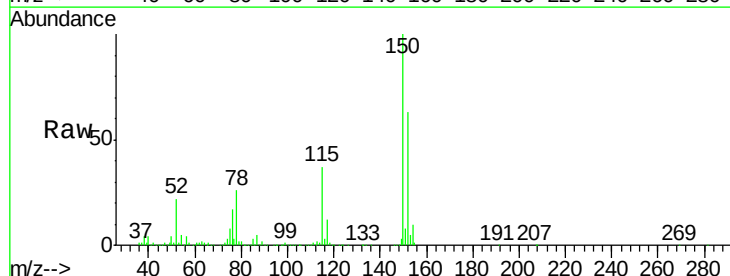
Tgt Ion:152 Resp: 245212

Ion Ratio Lower Upper

152 100

115 58.5 41.3 124.1

150 159.4 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

