

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015146.D
 Acq On : 09 Mar 2020 16:29
 Operator : JC/SP
 Sample : L1842-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20200305

Quant Time: Mar 10 11:35:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	338550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	556499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276860	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	209146	52.07	ug/l	0.00
Spiked Amount						
			Recovery	=	104.14%	
35) Dibromofluoromethane	5.49	113	176660	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	
50) Toluene-d8	8.71	98	685569	51.34	ug/l	0.00
Spiked Amount						
			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	253034	53.12	ug/l	0.00
Spiked Amount						
			Recovery	=	106.24%	

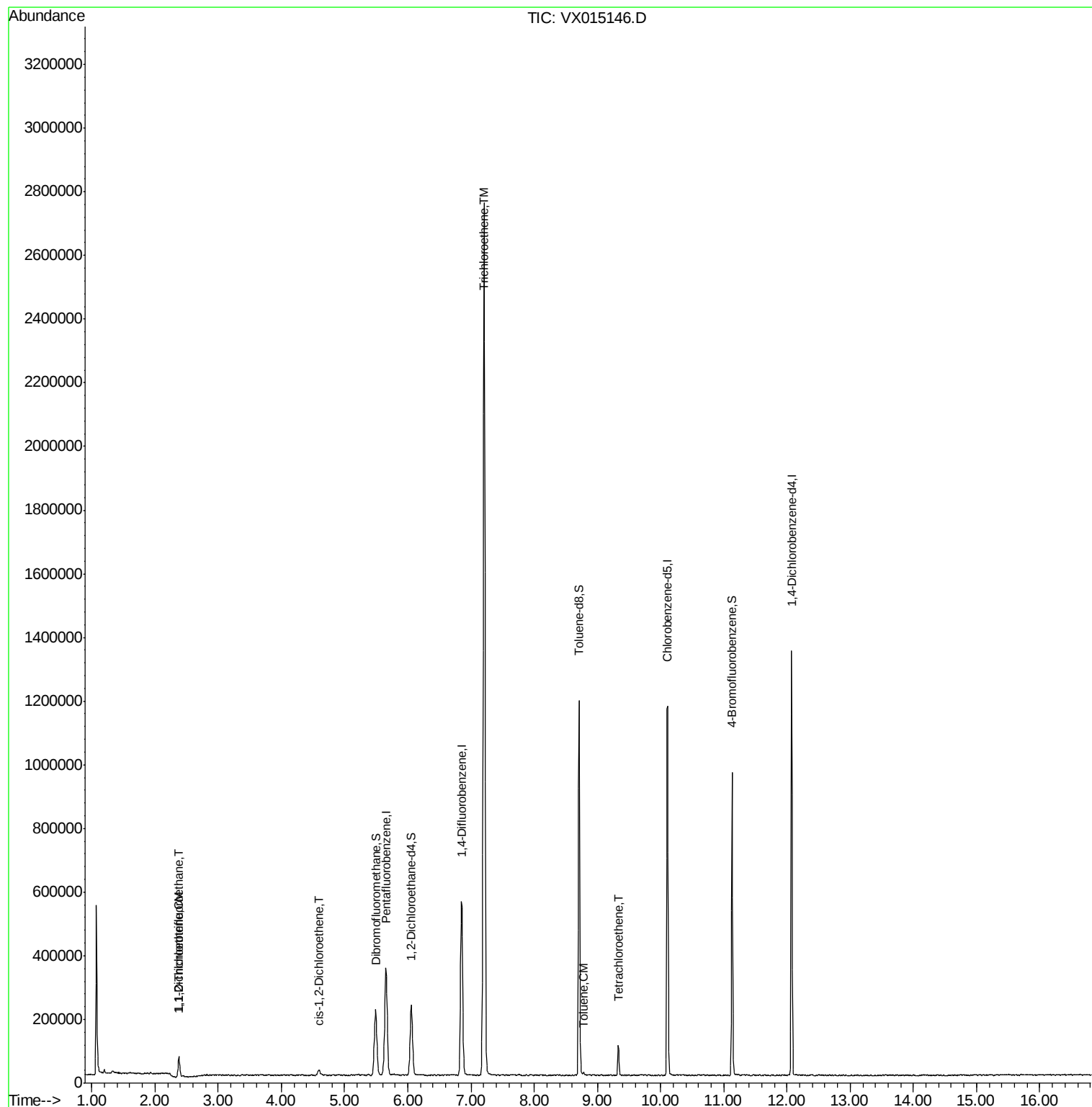
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24189	7.588	ug/l	97
12) 1,1-Dichloroethene	2.37	96	4464	1.357	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	10885	2.762	ug/l	93
44) Trichloroethene	7.21	130	1045235	245.895	ug/l	98
52) Toluene	8.78	92	2814	0.302	ug/l	98
64) Tetrachloroethene	9.33	164	19356	4.306	ug/l	97

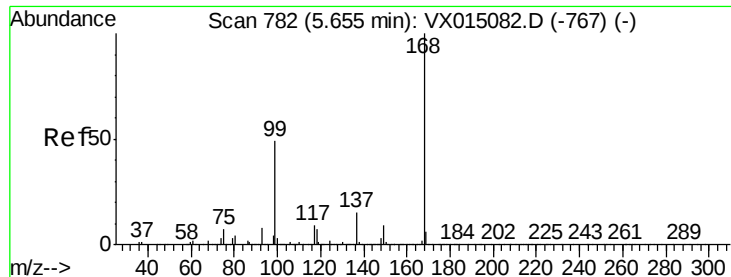
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

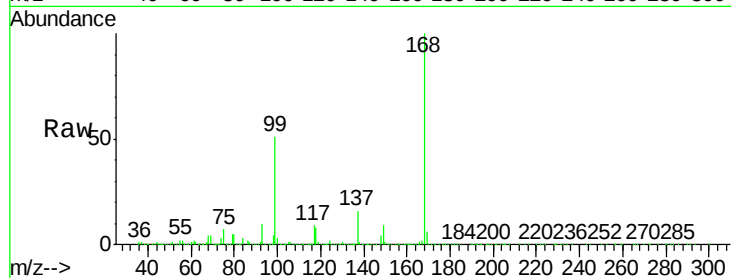
RE132D4-20200305

Tot Ion:168 Resp: 338550

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

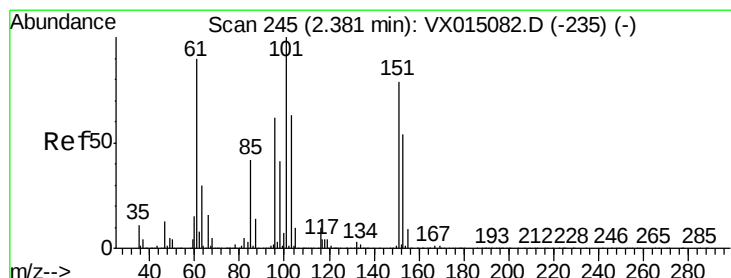
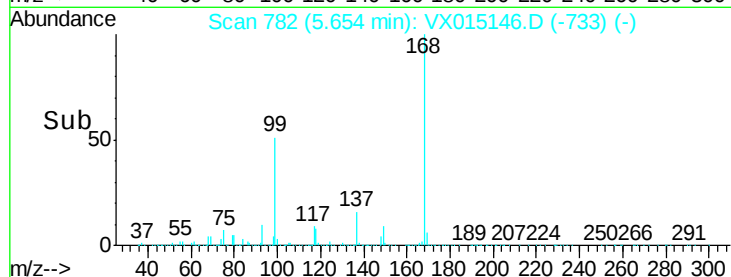
5.65

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.588 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

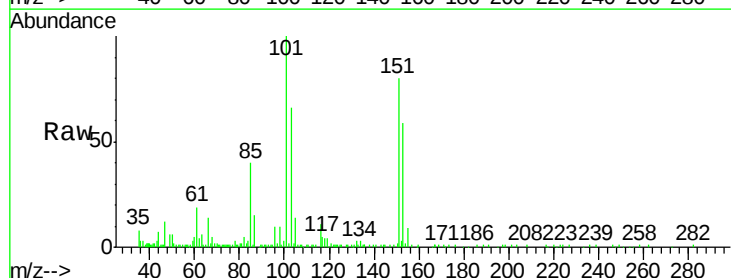
Tgt Ion:101 Resp: 24189

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

151 83.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

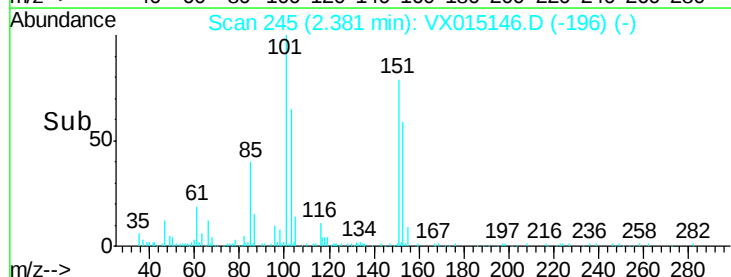
15000

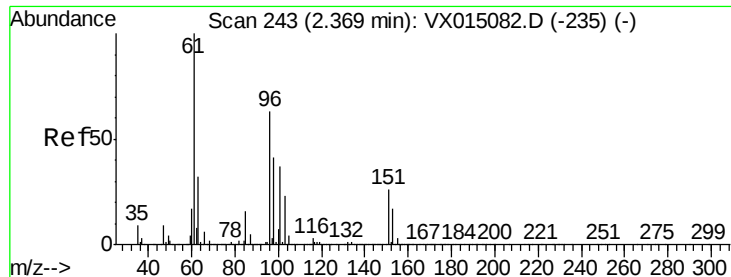
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.357 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

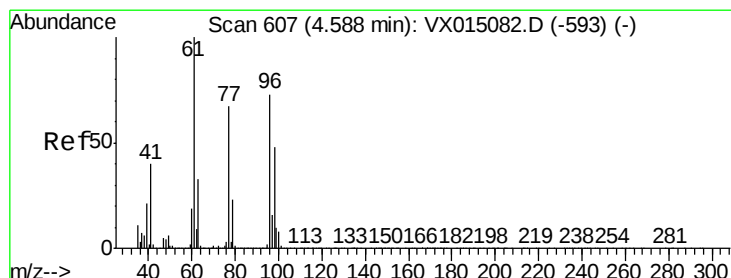
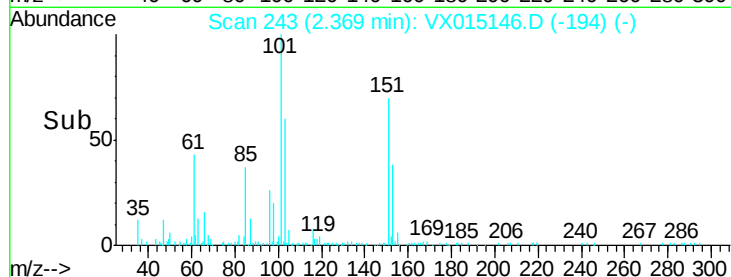
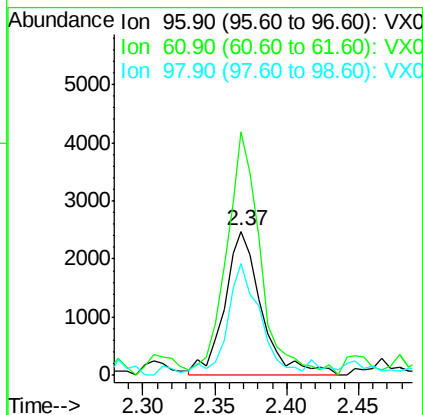
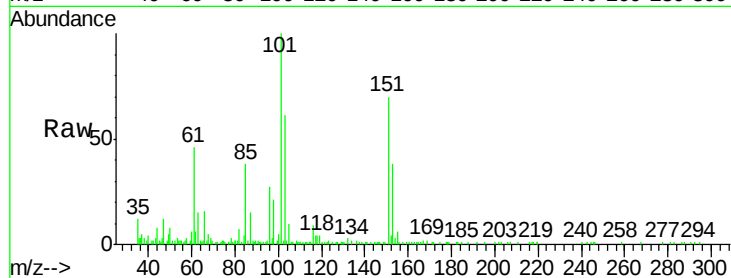
Tot Ion: 96 Resp: 4464

Ion Ratio Lower Upper

96 100

61 168.8 126.2 189.4

98 74.2 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 2.762 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

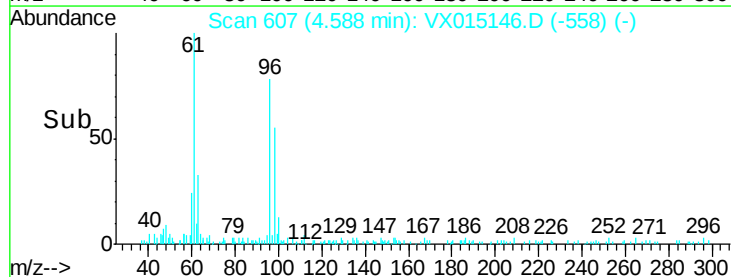
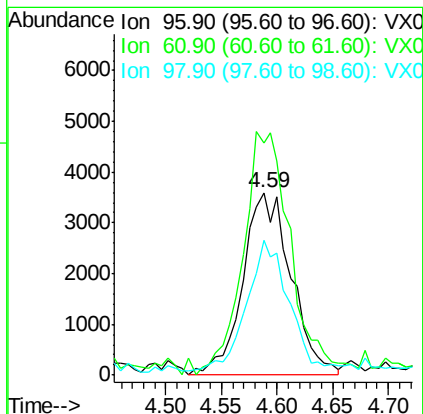
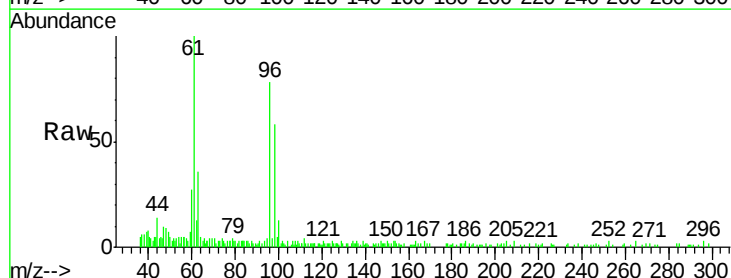
Tgt Ion: 96 Resp: 10885

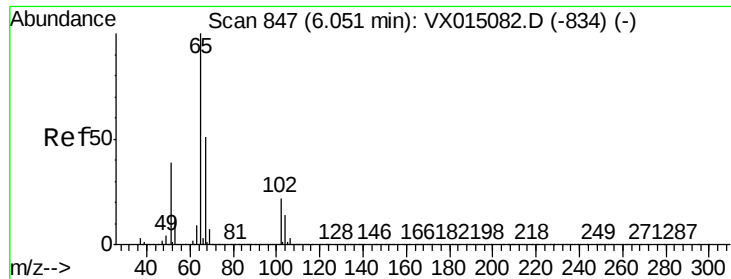
Ion Ratio Lower Upper

96 100

61 131.8 0.0 286.8

98 62.9 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 52.072 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

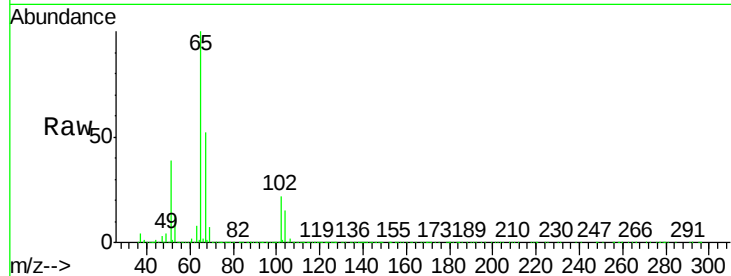
RE132D4-20200305

Tot Ion: 65 Resp: 209146

Ion Ratio Lower Upper

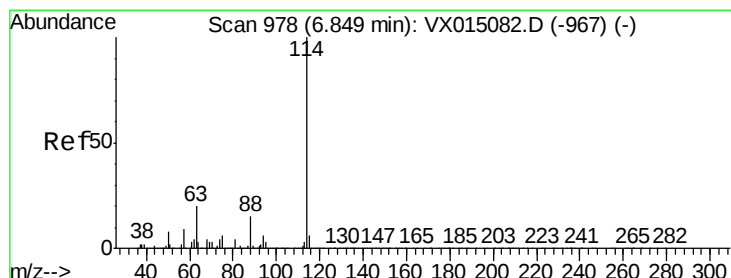
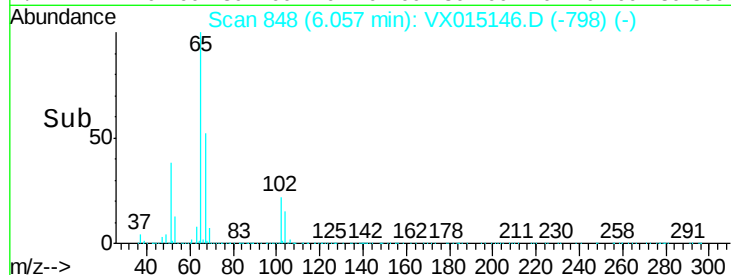
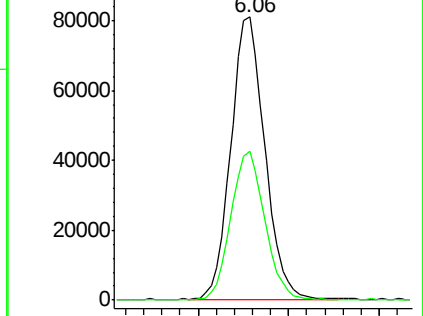
65 100

67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

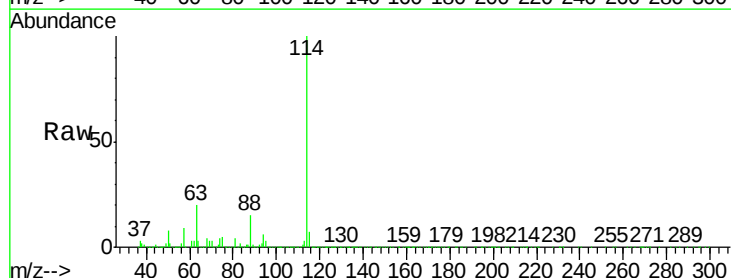
Tgt Ion: 114 Resp: 556499

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

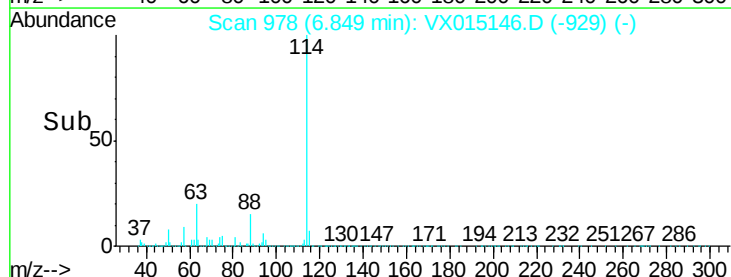
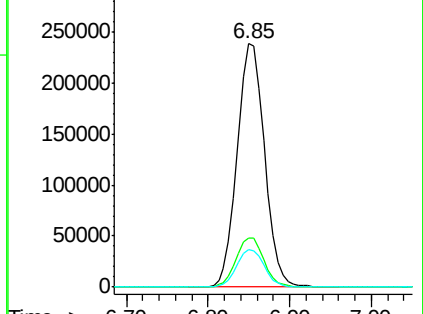
88 15.2 0.0 30.6

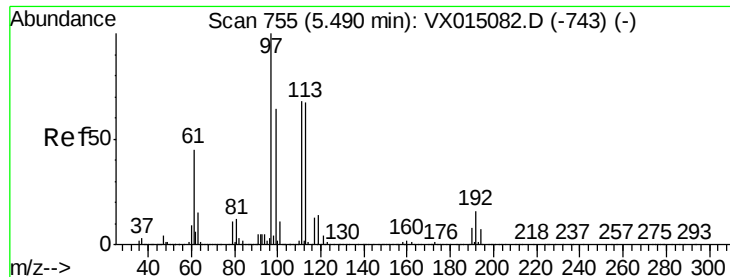


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.319 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

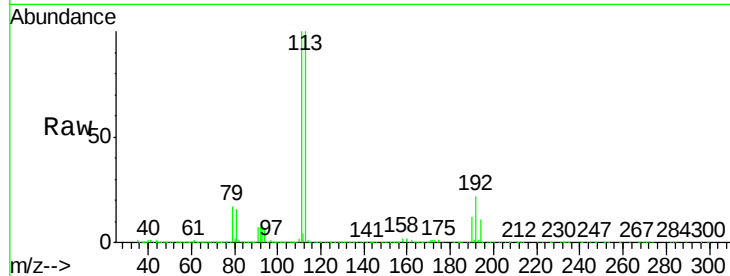
Tot Ion:113 Resp: 176660

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

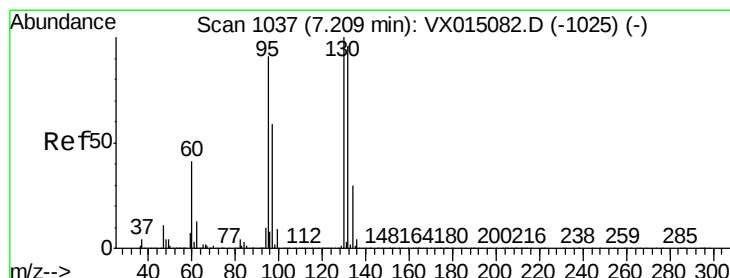
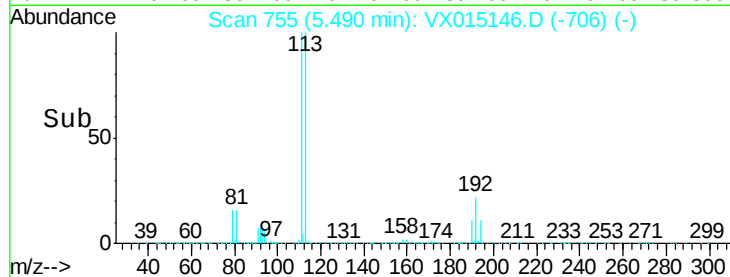
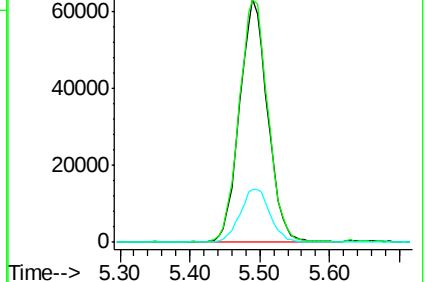
192 23.3 18.6 28.0



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: 245.895 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015146.D

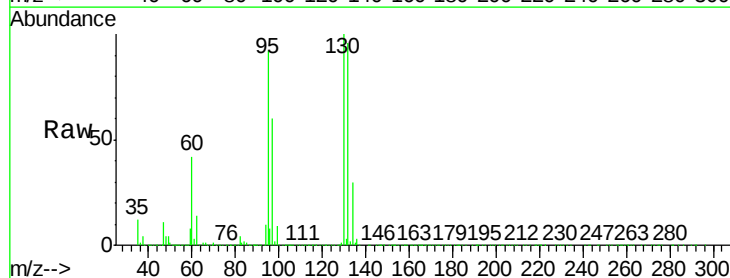
Acq: 09 Mar 2020 16:29

Tgt Ion:130 Resp: 1045235

Ion Ratio Lower Upper

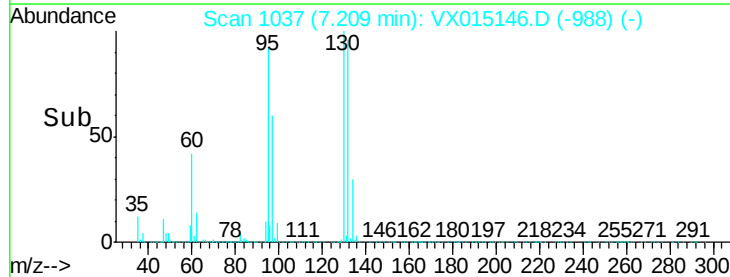
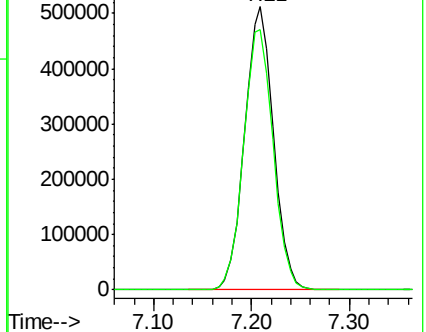
130 100

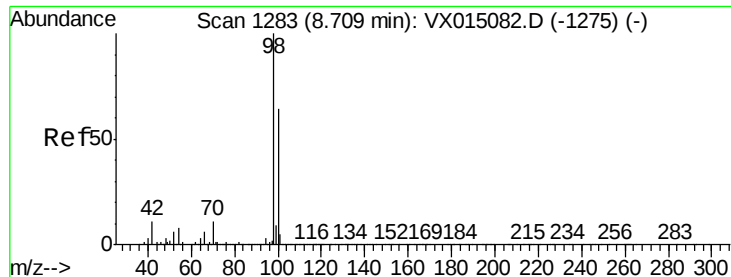
95 92.0 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.336 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

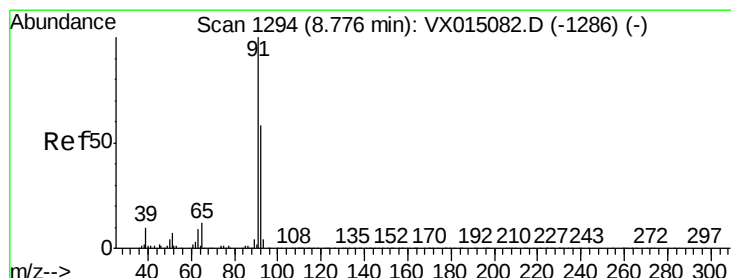
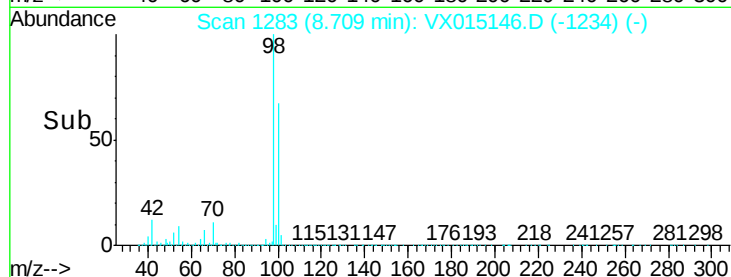
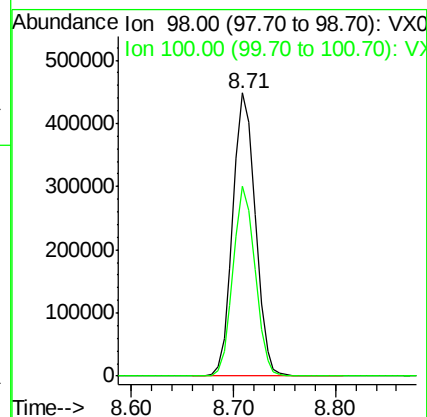
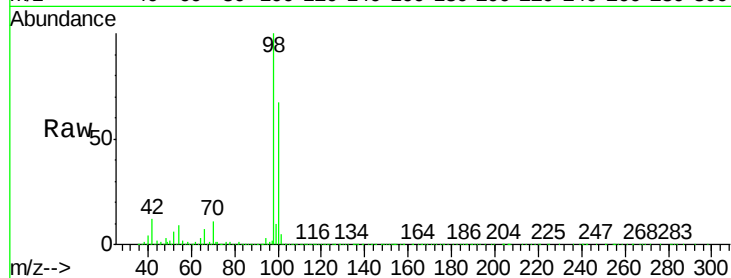
RE132D4-20200305

Tot Ion: 98 Resp: 685569

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#52

Toluene

Concen: 0.302 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015146.D

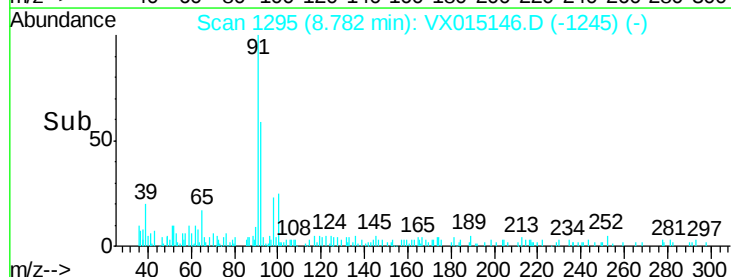
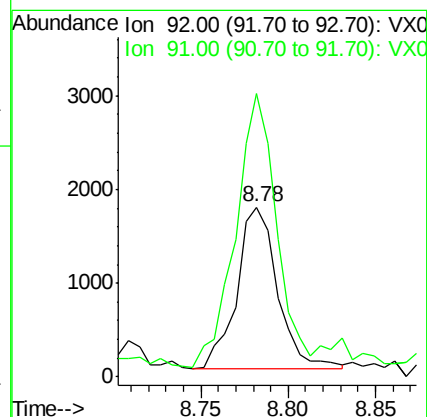
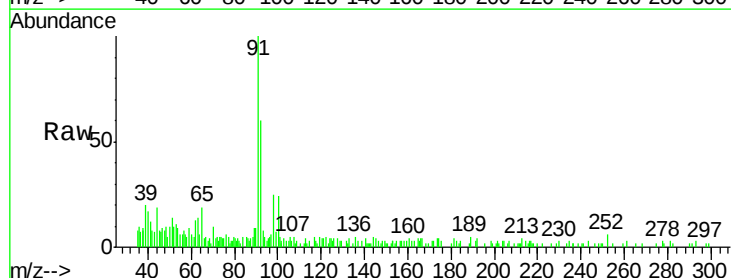
Acq: 09 Mar 2020 16:29

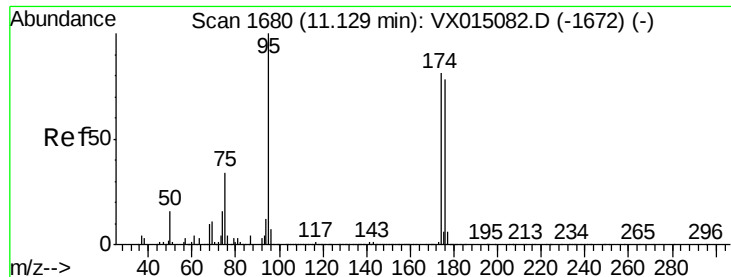
Tgt Ion: 92 Resp: 2814

Ion Ratio Lower Upper

92 100

91 167.7 136.9 205.3

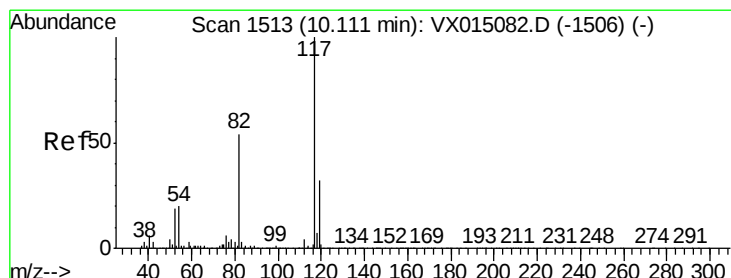
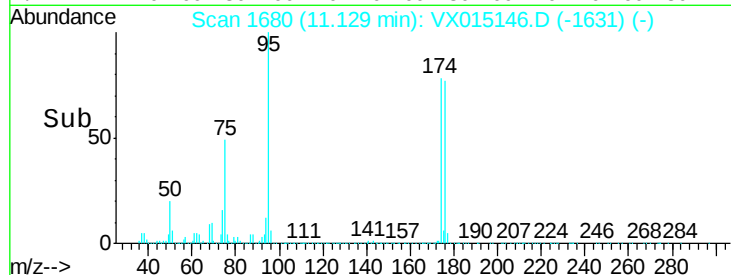
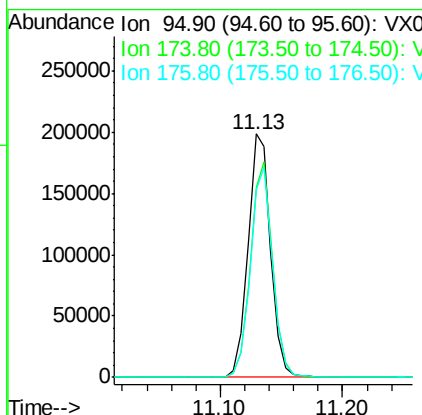
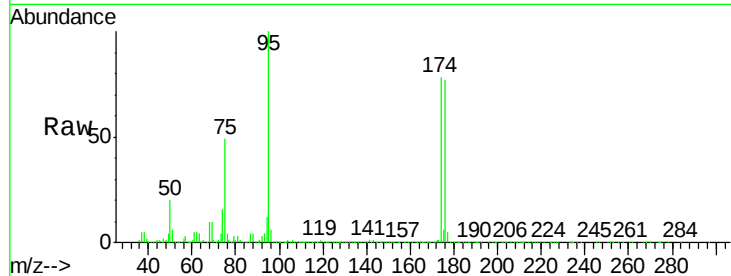




#62
4-Bromofluorobenzene
Concen: 53.120 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

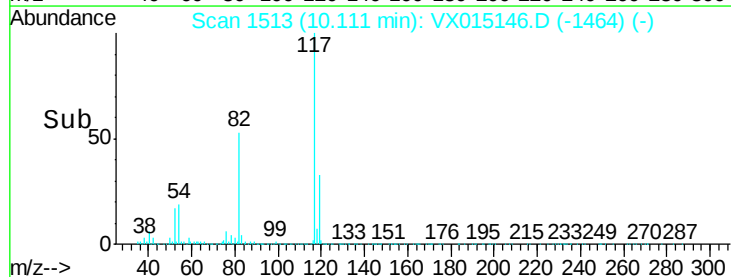
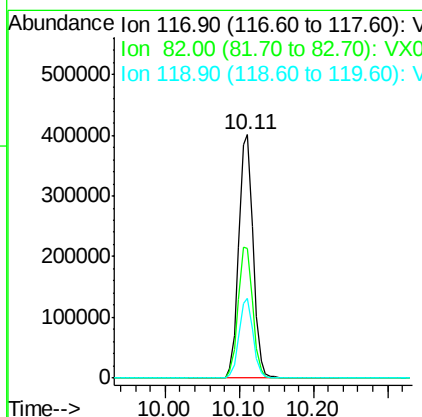
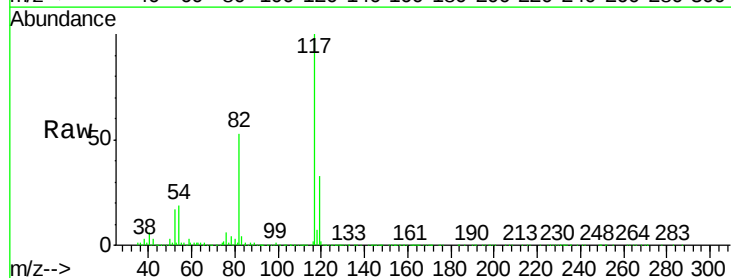
Instrument :
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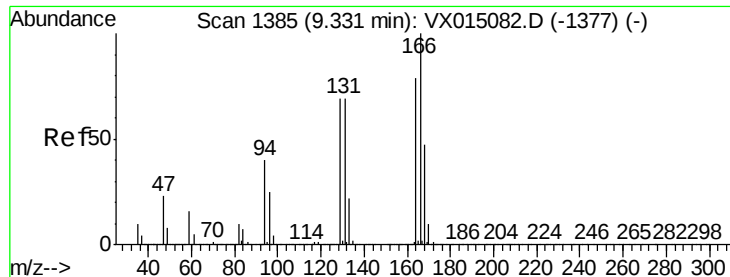
Tot Ion: 95 Resp: 253034
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.6
176 85.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

Tgt Ion: 117 Resp: 543635
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 32.6 25.8 38.8





#64

Tetrachloroethene

Concen: 4.306 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

Tot Ion:164 Resp: 19356

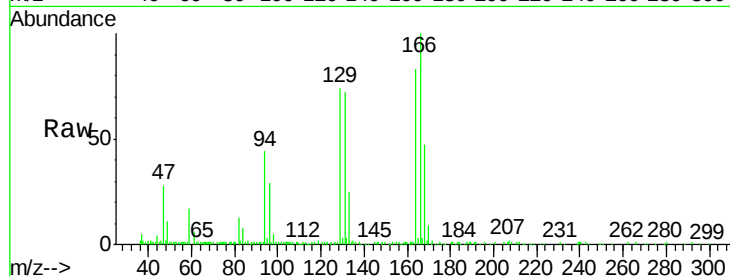
Ion Ratio Lower Upper

164 100

166 121.2 101.1 151.7

129 89.3 69.4 104.0

131 86.6 69.8 104.8

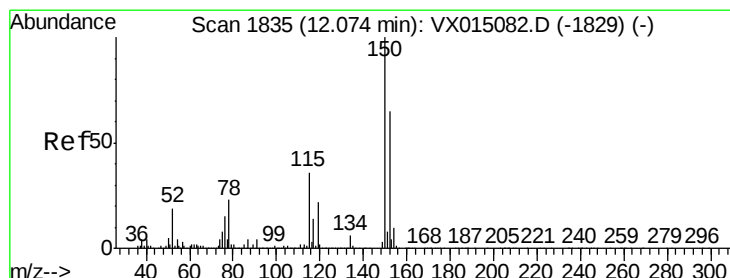
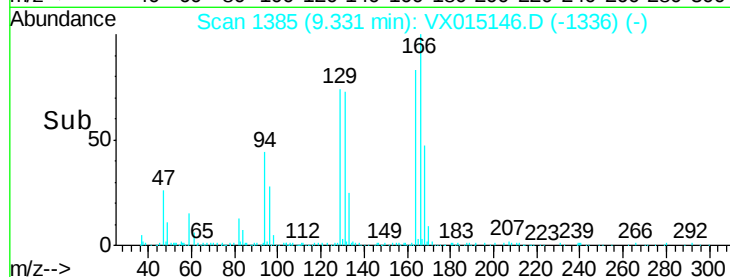
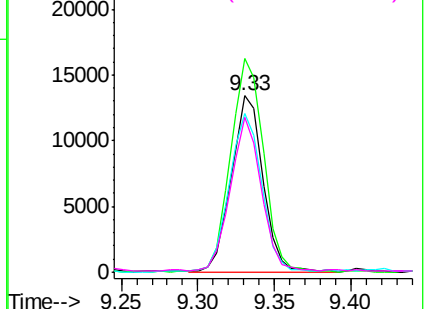


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1835

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

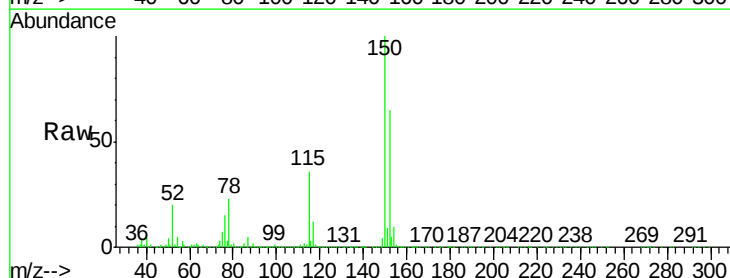
Tgt Ion:152 Resp: 276860

Ion Ratio Lower Upper

152 100

115 55.9 38.2 114.6

150 156.3 0.0 343.8



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

