

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016591.D
 Acq On : 04 Jun 2020 19:01
 Operator : JC/SP
 Sample : L2894-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW042-200602

Quant Time: Jun 05 07:43:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

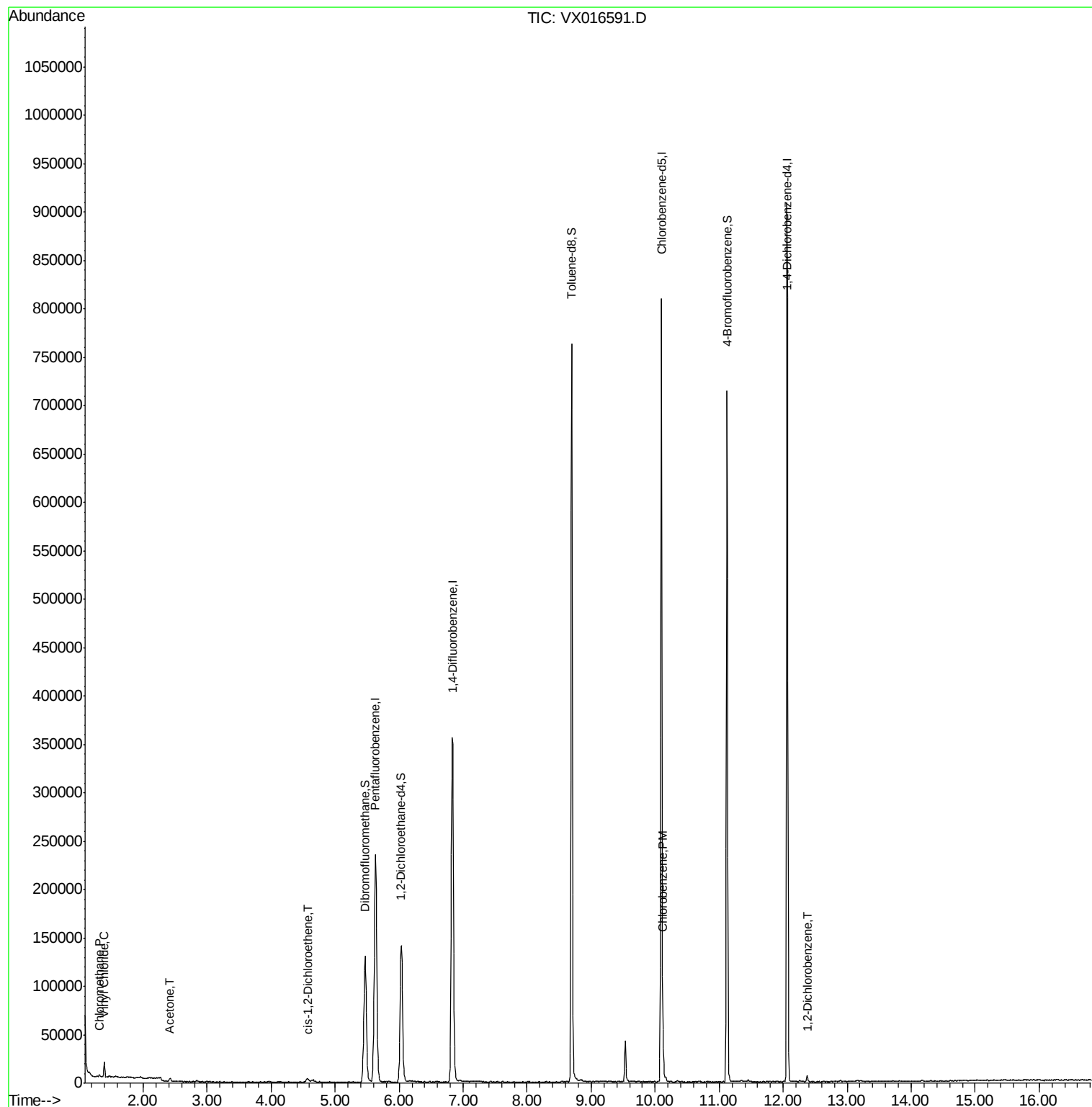
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	231395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	371528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	140190	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	5.46	113	112018	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.70	98	459014	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	186528	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
Target Compounds						
3) Chloromethane	1.31	50	1098	0.399	ug/l	98
4) Vinyl Chloride	1.39	62	7619	2.618	ug/l	95
16) Acetone	2.42	43	3073	2.441	ug/l #	86
27) cis-1,2-Dichloroethene	4.58	96	2627	0.922	ug/l	85
65) Chlorobenzene	10.12	112	14749	1.927	ug/l	90
91) 1,2-Dichlorobenzene	12.37	146	1908	0.318	ug/l	88

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

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

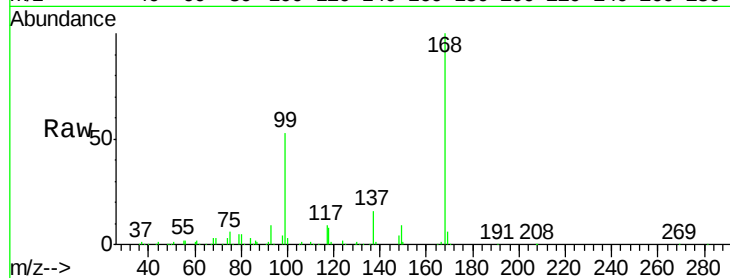
LF012RW042-200602

Tot Ion:168 Resp: 231395

Ion Ratio Lower Upper

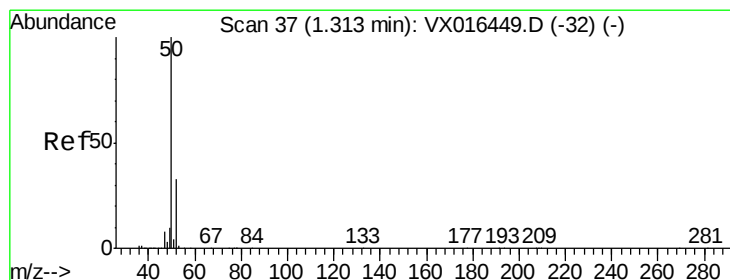
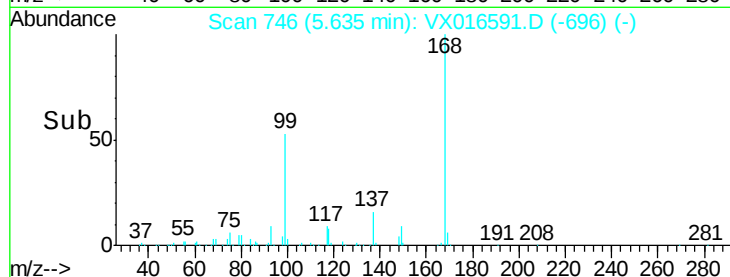
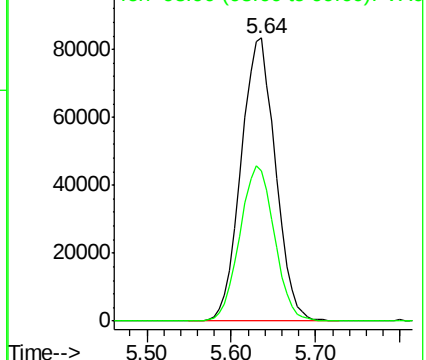
168 100

99 53.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.399 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016591.D

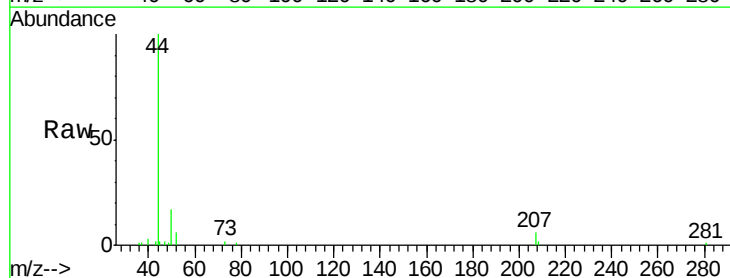
Acq: 04 Jun 2020 19:01

Tgt Ion: 50 Resp: 1098

Ion Ratio Lower Upper

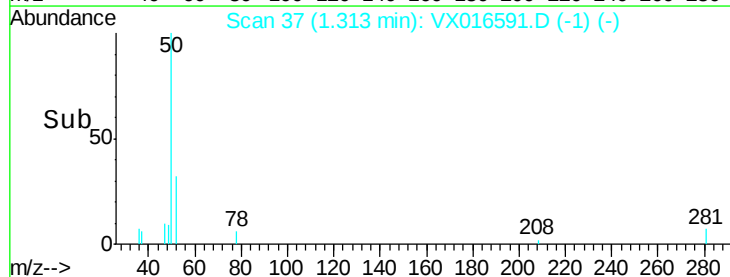
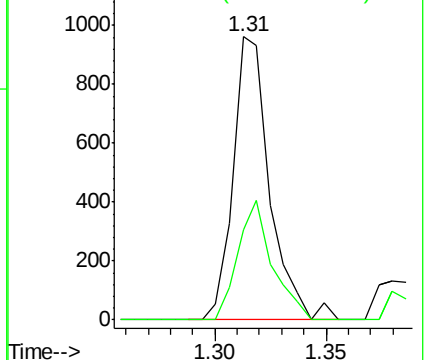
50 100

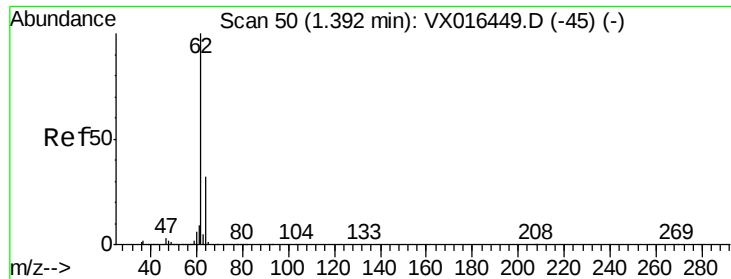
52 31.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.618 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

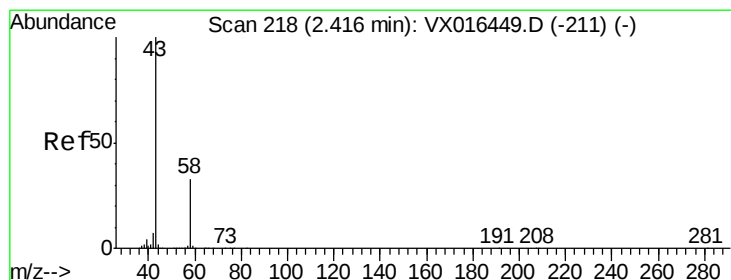
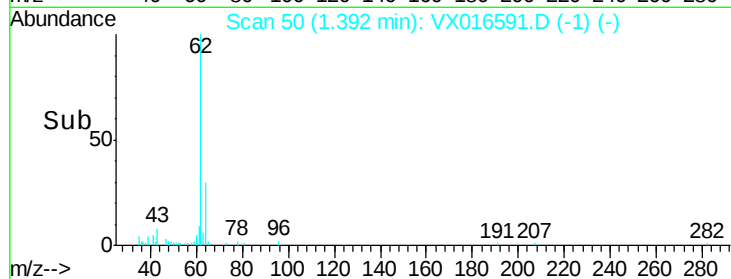
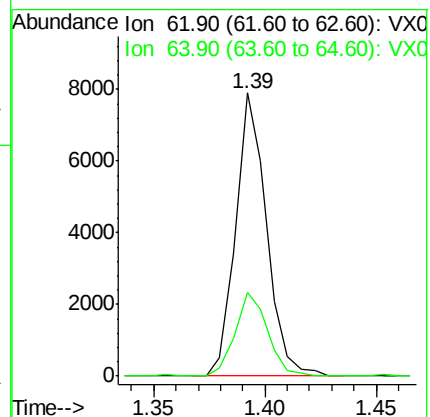
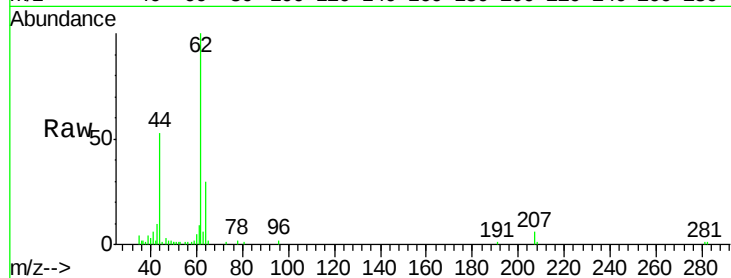
LF012RW042-200602

Tot Ion: 62 Resp: 7619

Ion Ratio Lower Upper

62 100

64 29.5 25.9 38.9



#16

Acetone

Concen: 2.441 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016591.D

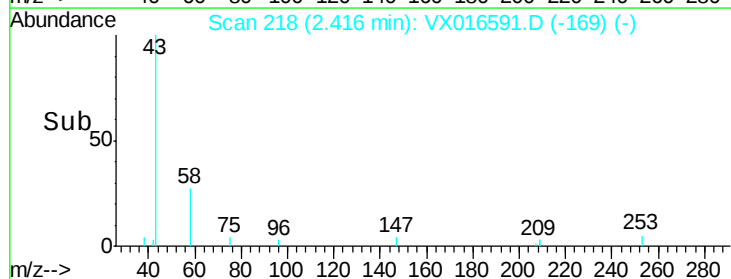
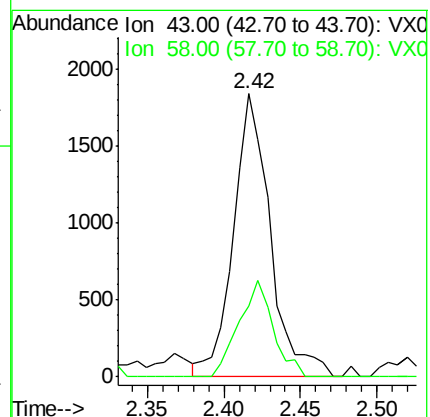
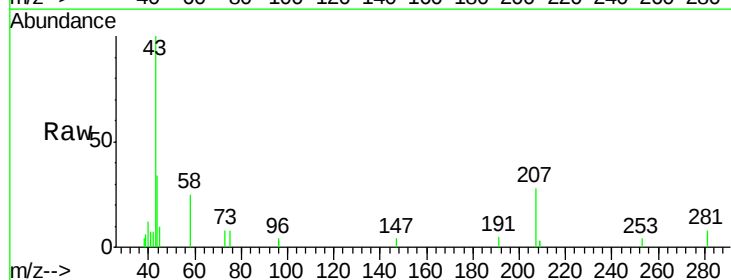
Acq: 04 Jun 2020 19:01

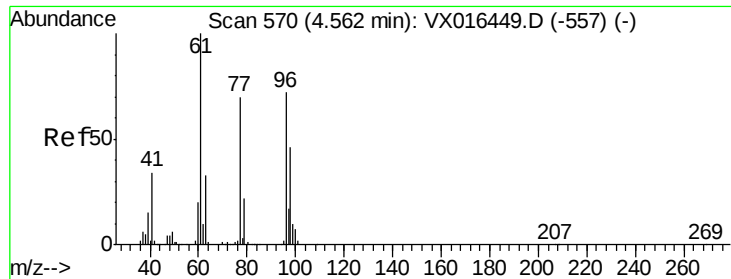
Tgt Ion: 43 Resp: 3073

Ion Ratio Lower Upper

43 100

58 25.0 26.1 39.1#



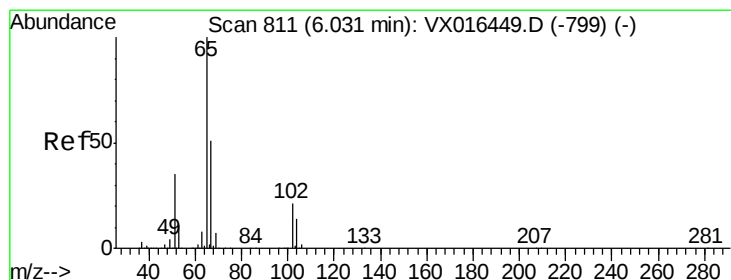
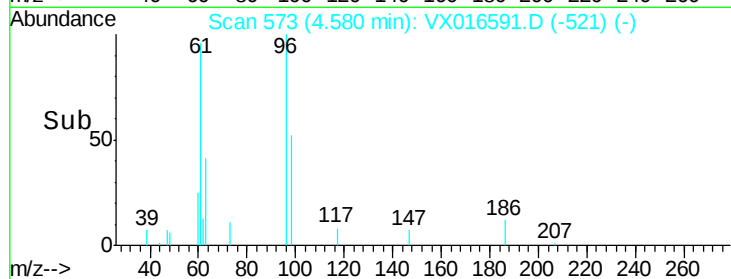
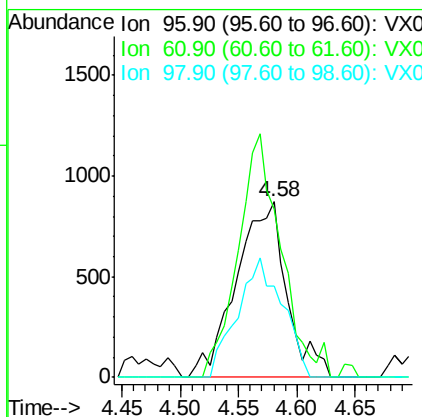
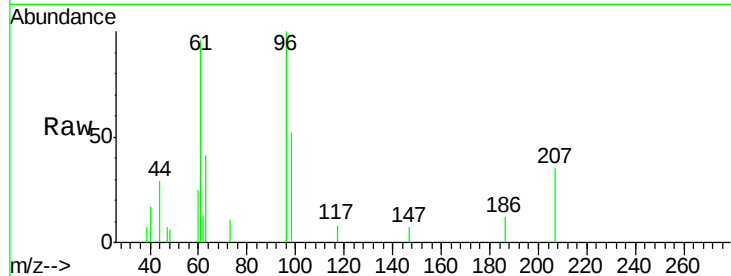


#27

cis-1,2-Dichloroethene
 Concen: 0.922 ug/l
 RT: 4.58 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: VX016591.D
 Acq: 04 Jun 2020 19:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW042-200602

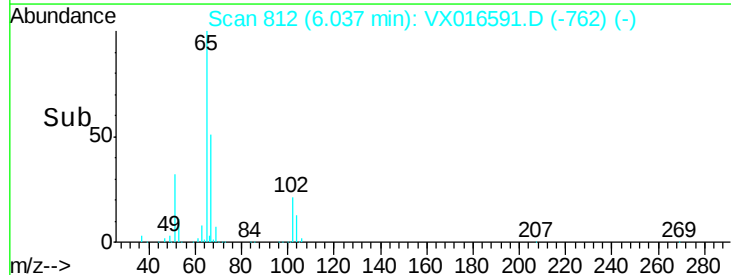
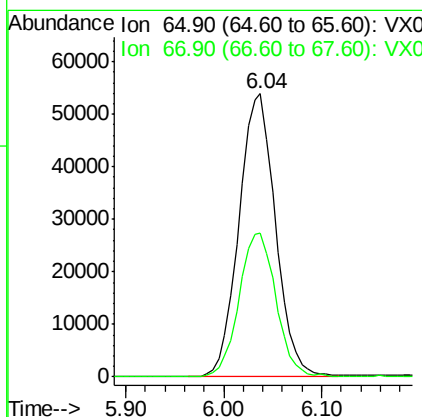
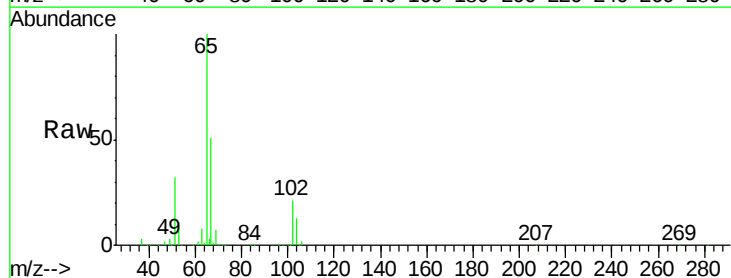
Tot Ion	96	Resp:	2627
Ion	Ratio	Lower	Upper
96	100		
61	118.2	0.0	284.6
98	60.2	0.0	127.2

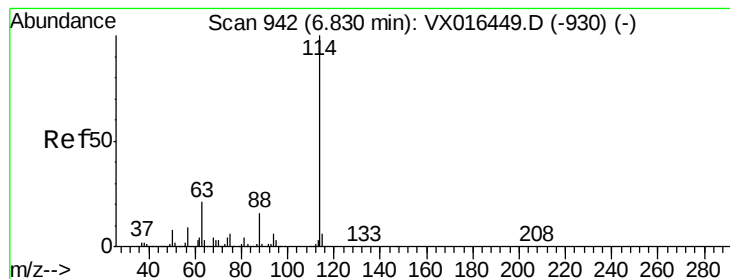


#33

1,2-Dichloroethane-d4
 Concen: 48.785 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016591.D
 Acq: 04 Jun 2020 19:01

Tgt Ion	65	Resp:	140190
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602

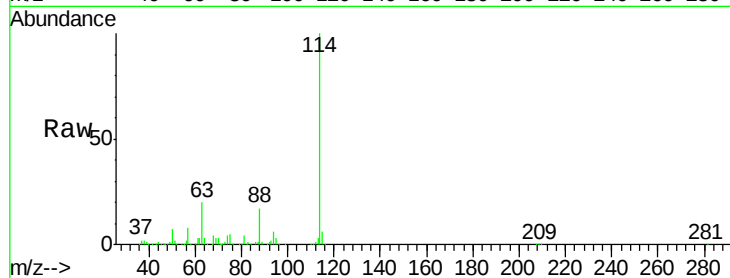
Tot Ion:114 Resp: 371528

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

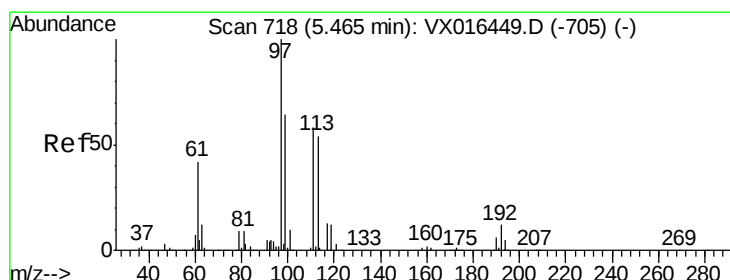
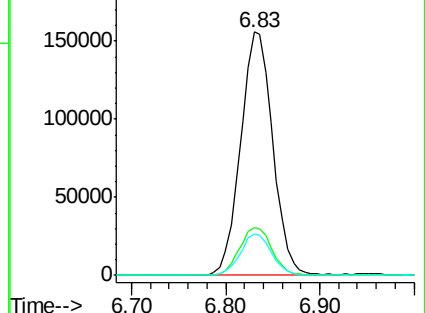
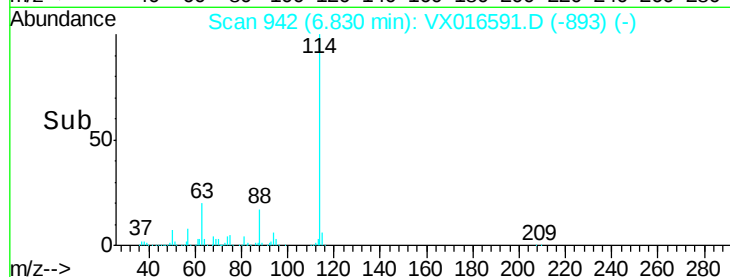
88 16.8 0.0 32.8



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: 48.966 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

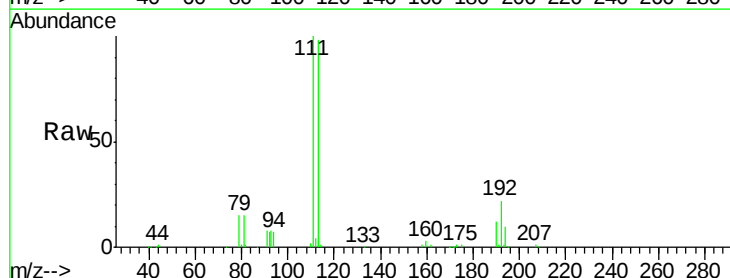
Tgt Ion:113 Resp: 112018

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

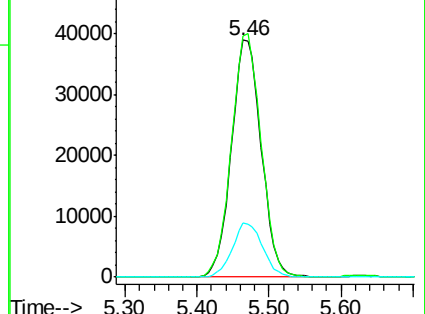
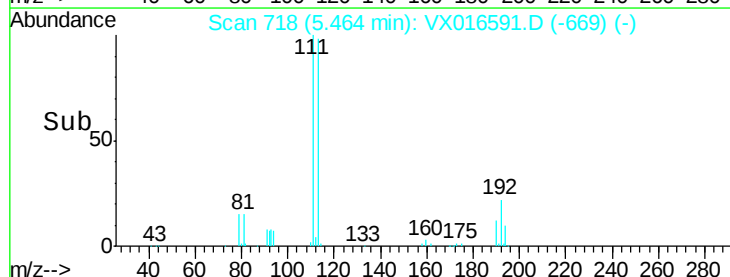
192 23.0 17.7 26.5

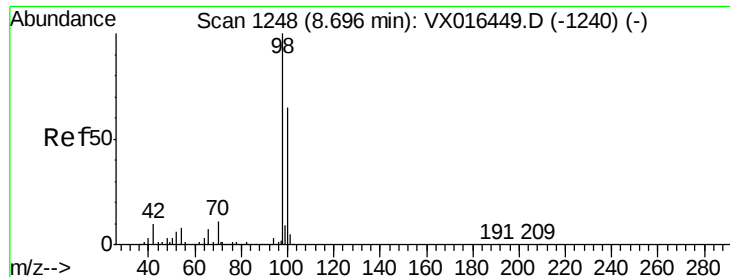


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.551 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

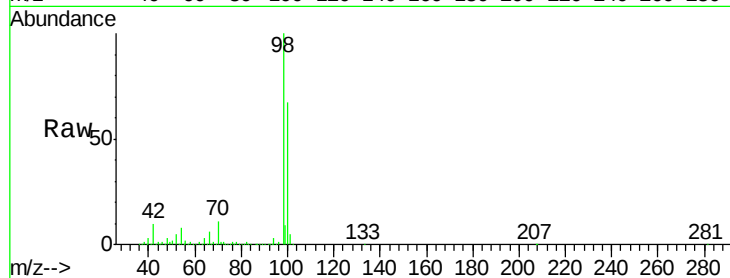
LF012RW042-200602

Tot Ion: 98 Resp: 459014

Ion Ratio Lower Upper

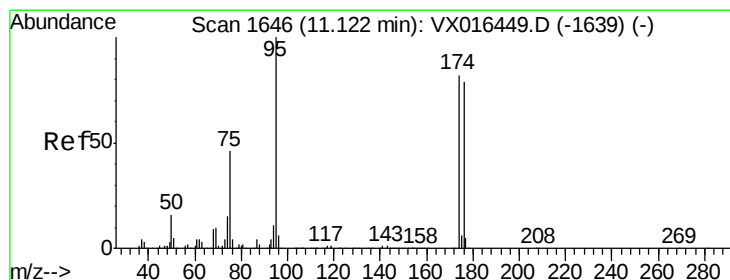
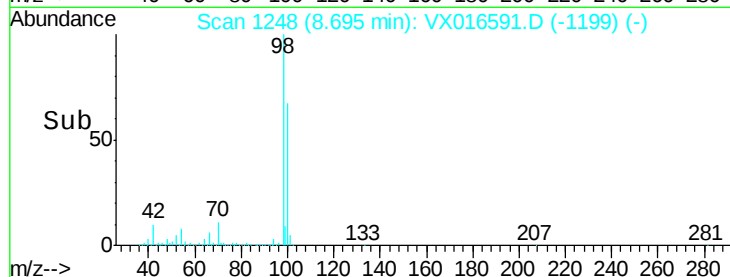
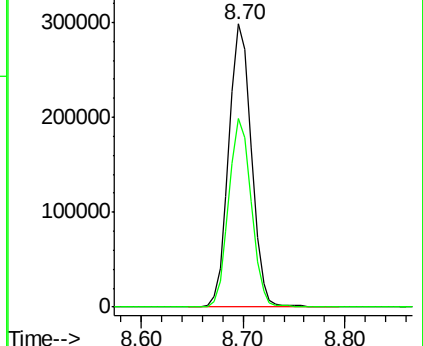
98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 54.215 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

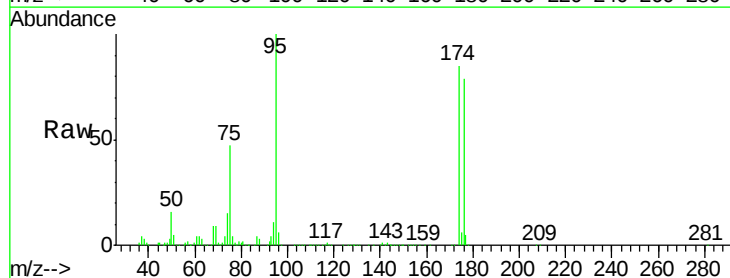
Tgt Ion: 95 Resp: 186528

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.0

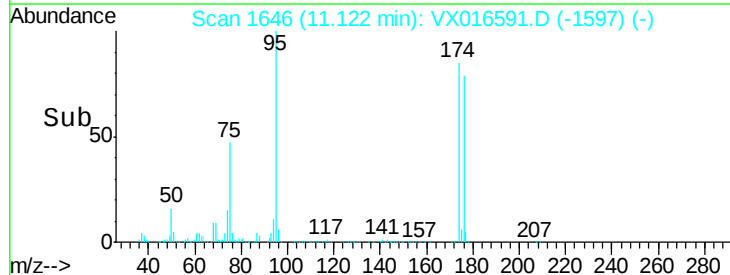
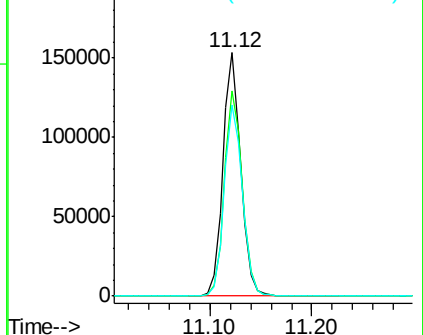
176 80.1 0.0 156.8

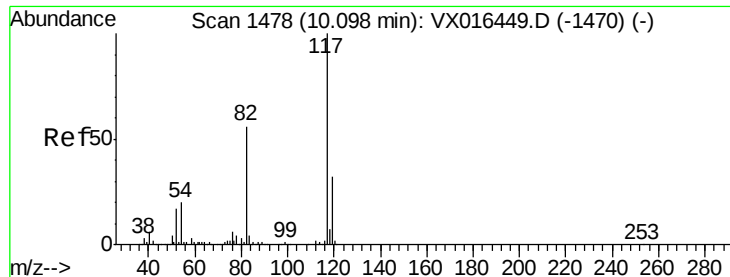


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

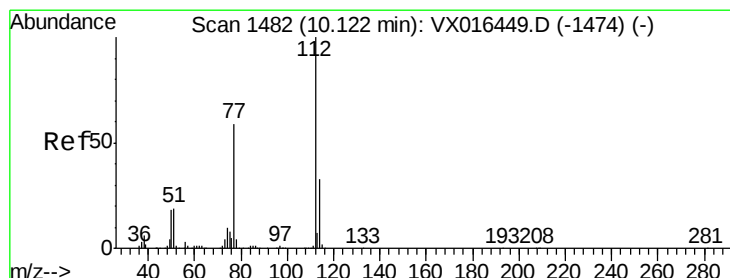
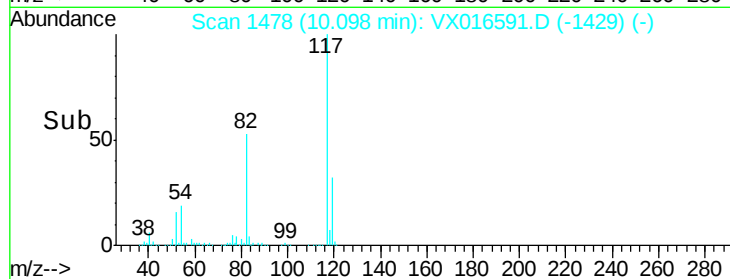
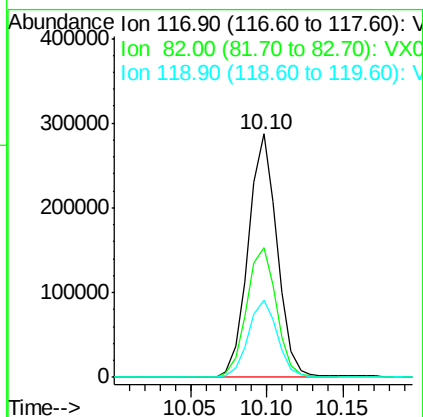
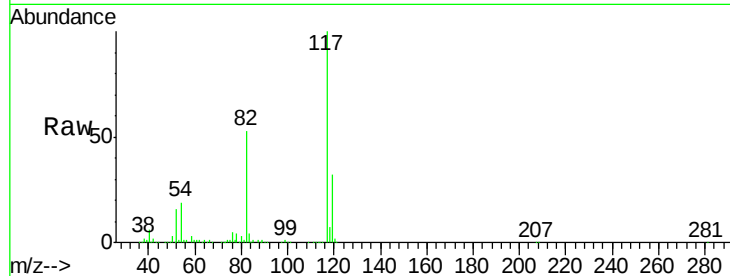




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016591.D
Acq: 04 Jun 2020 19:01

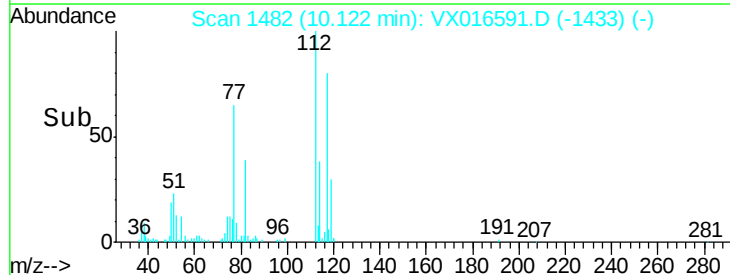
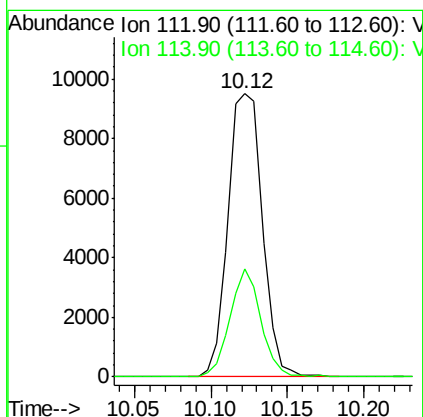
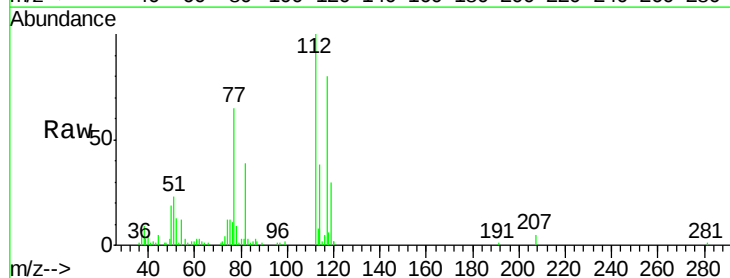
Instrument :
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ClientSampleId :
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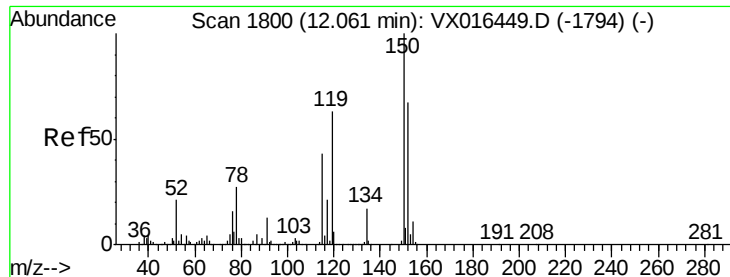
Tot Ion:117 Resp: 375403
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.6
119 31.5 25.8 38.8



#65
Chlorobenzene
Concen: 1.927 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016591.D
Acq: 04 Jun 2020 19:01

Tgt Ion:112 Resp: 14749
Ion Ratio Lower Upper
112 100
114 38.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602

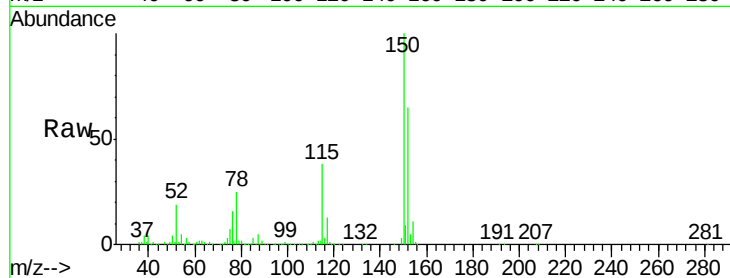
Tot Ion:152 Resp: 196958

Ion Ratio Lower Upper

152 100

115 58.4 39.9 119.6

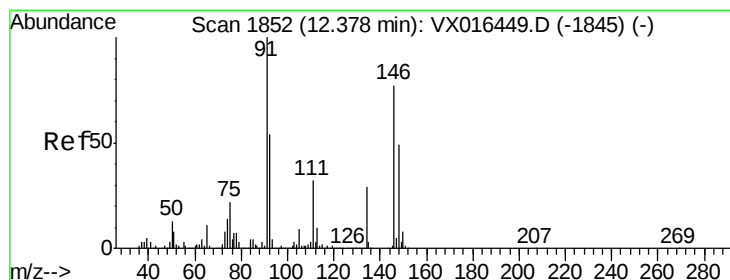
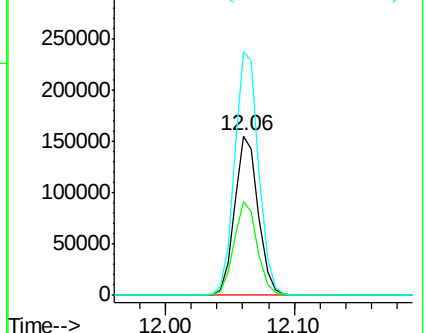
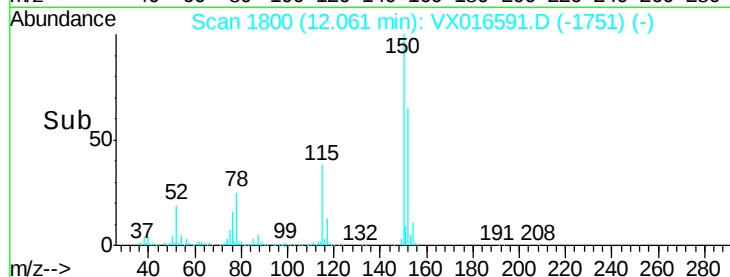
150 156.1 0.0 341.0



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



#91

1,2-Dichlorobenzene

Concen: 0.318 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016591.D

Acq: 04 Jun 2020 19:01

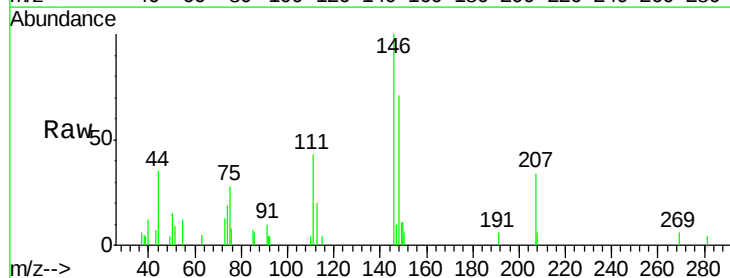
Tgt Ion:146 Resp: 1908

Ion Ratio Lower Upper

146 100

111 45.6 21.4 64.3

148 77.6 31.9 95.7



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

