

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
 Data File : VX014524.D
 Acq On : 10 Jan 2020 09:47
 Operator : JC/SP
 Sample : VX0110MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBL01

Quant Time: Jan 10 12:28:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	497885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	773223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	696928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	277439	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.49	113	231519	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	916880	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	310109	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

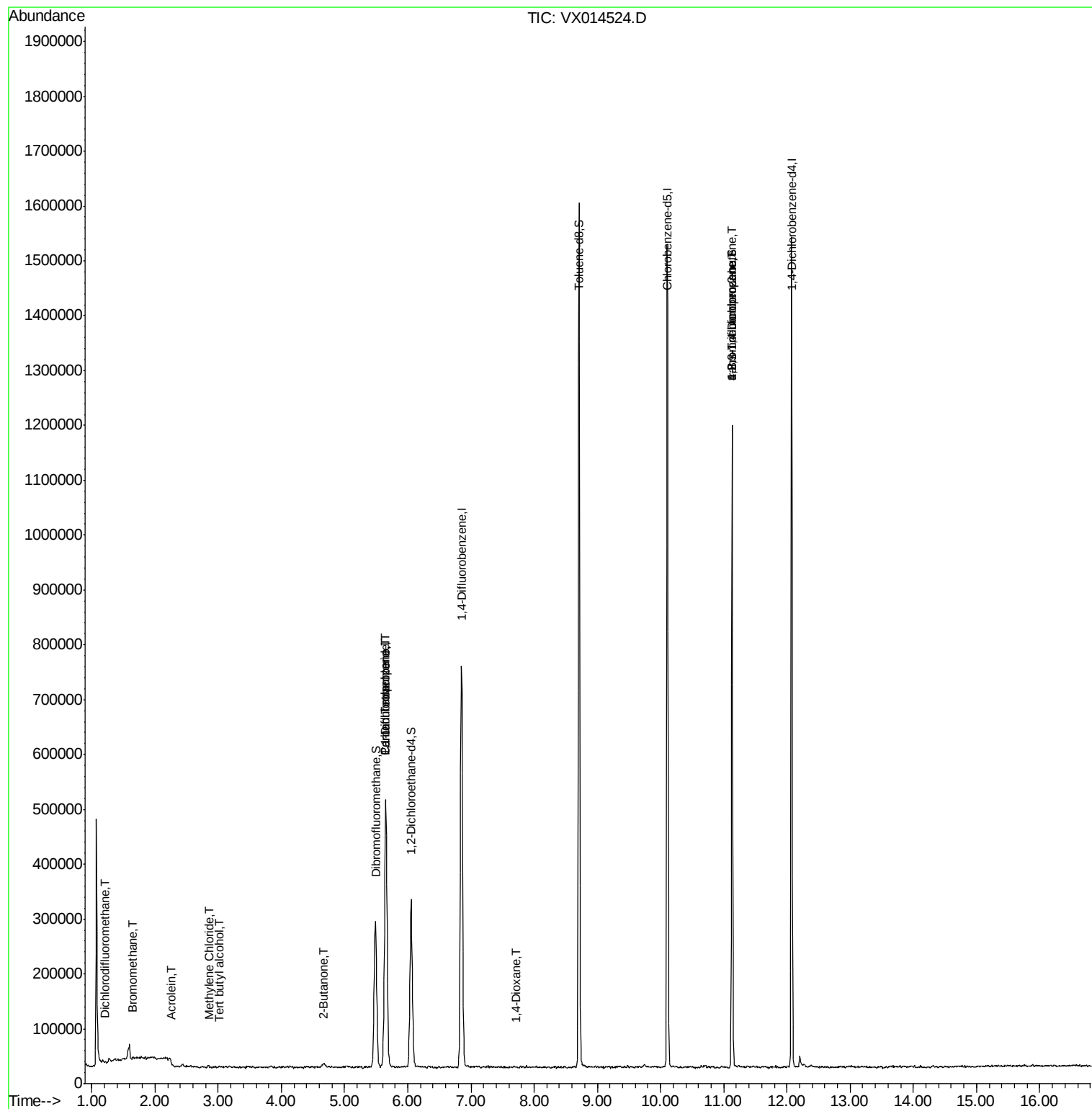
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	569	0.344	ug/l	93
5) Bromomethane	1.64	94	1826	0.390	ug/l	94
6) Chloroethane	1.70	64	744	Below Cal	#	80
11) Tert butyl alcohol	3.02	59	1829	1.576	ug/l #	40
13) Acrolein	2.27	56	420	0.452	ug/l #	1
16) Acetone	2.43	43	5509	Below Cal		90
20) Methylene Chloride	2.85	84	2533	0.453	ug/l #	54
25) 2-Butanone	4.66	43	1807	0.435	ug/l #	49
36) 1,1-Dichloropropene	5.65	75	34957	4.807	ug/l #	51
38) Carbon Tetrachloride	5.65	117	44888	6.708	ug/l #	19
49) 1,4-Dioxane	7.72	88	92	0.711	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	151530	22.912	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	151530	60.575	ug/l #	12
88) 1,4-Dichlorobenzene	12.10	146	1015	Below Cal	#	25
93) 1,2,4-Trichlorobenzene	13.64	180	672	Below Cal	#	16
96) 1,2,3-Trichlorobenzene	14.01	180	641	Below Cal	#	52

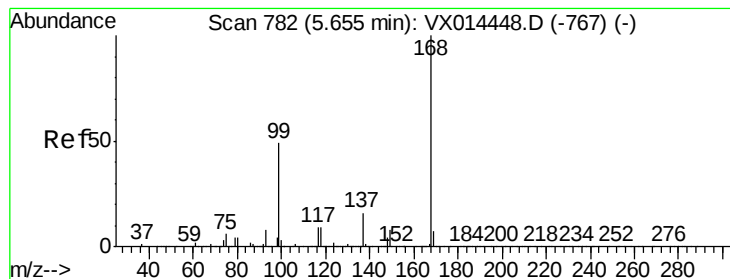
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 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: VX014524.D

Acq: 10 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

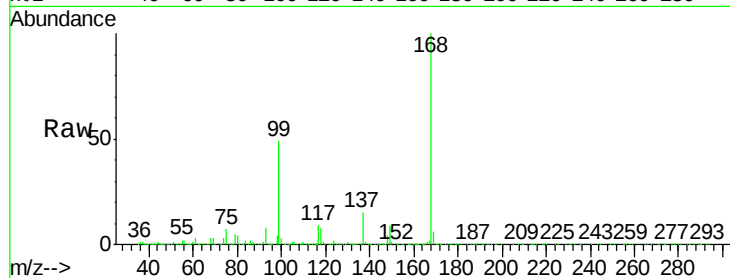
VX0110MBL01

Tgt Ion:168 Resp: 497885

Ion Ratio Lower Upper

168 100

99 48.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

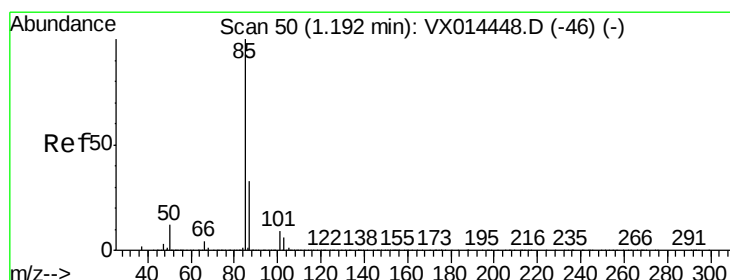
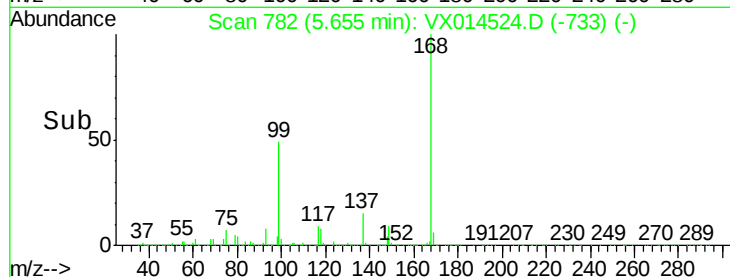
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.344 ug/l

RT: 1.20 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX014524.D

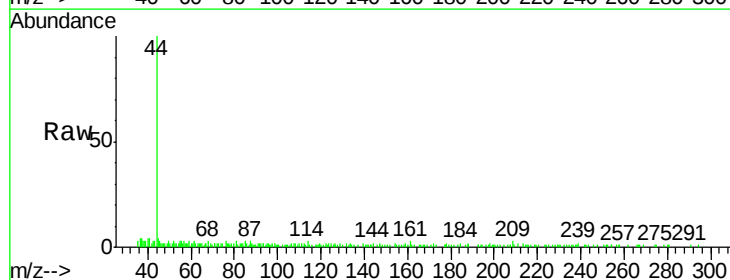
Acq: 10 Jan 2020 09:47

Tgt Ion: 85 Resp: 569

Ion Ratio Lower Upper

85 100

87 37.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400

300

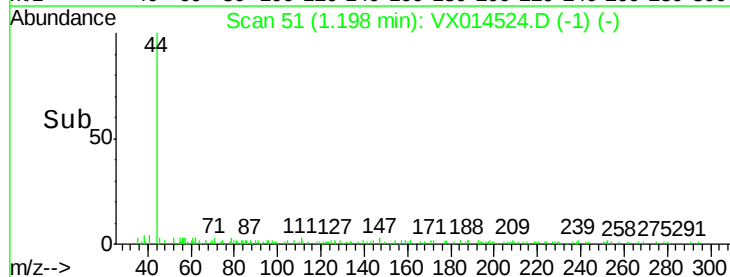
200

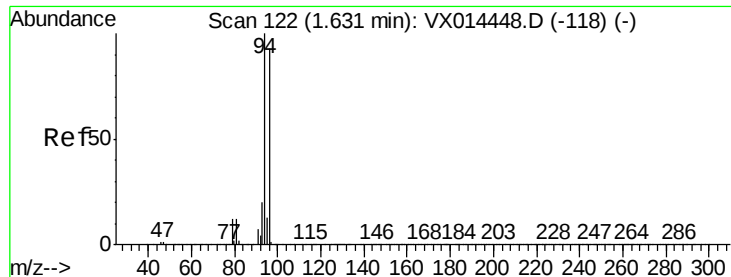
100

0

Time-->

1.16 1.18 1.20 1.22





#5

Bromomethane

Concen: 0.390 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

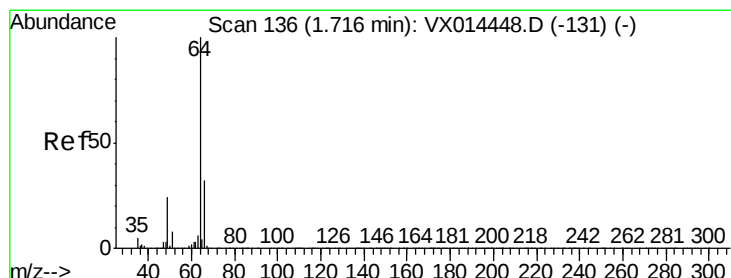
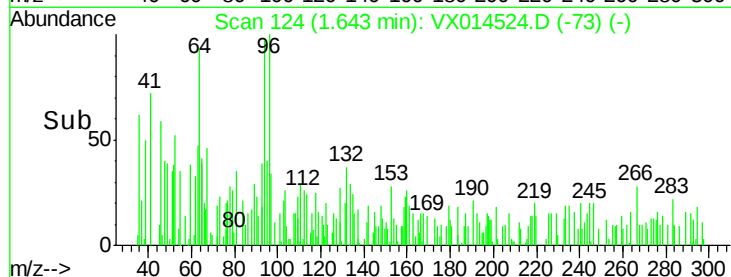
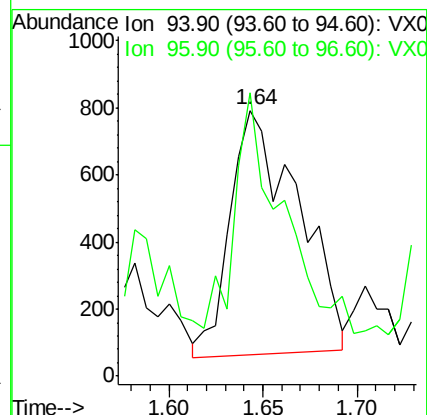
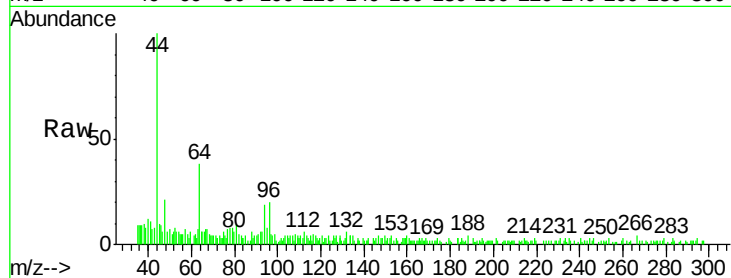
VX0110MBL01

Tgt Ion: 94 Resp: 1826

Ion Ratio Lower Upper

94 100

96 98.0 74.2 111.2



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX014524.D

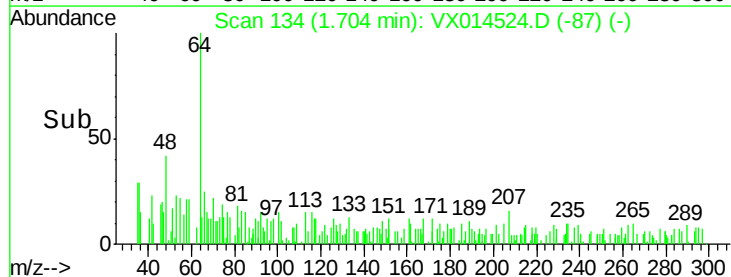
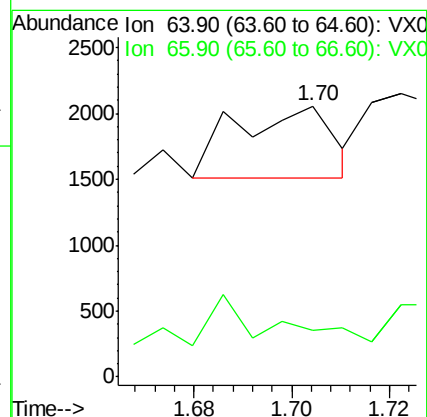
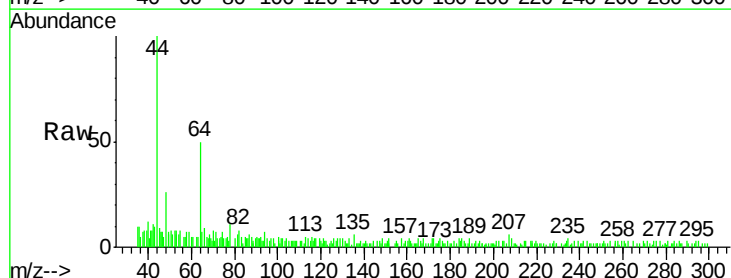
Acq: 10 Jan 2020 09:47

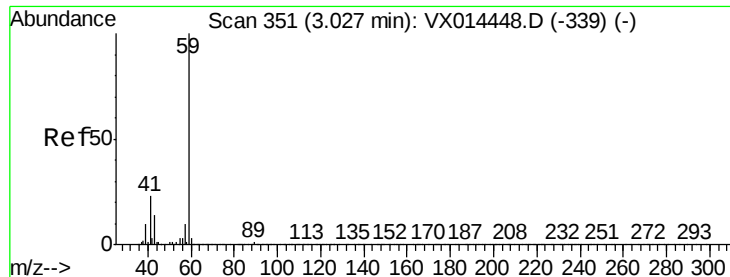
Tgt Ion: 64 Resp: 744

Ion Ratio Lower Upper

64 100

66 20.4 25.3 37.9#



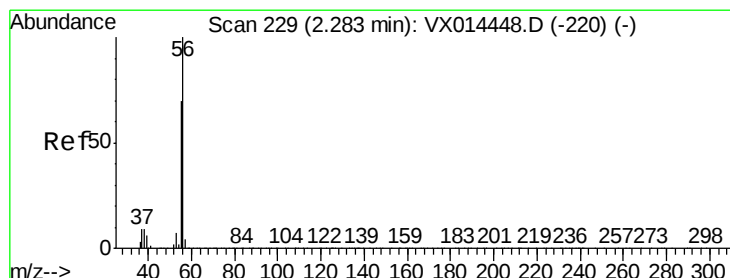
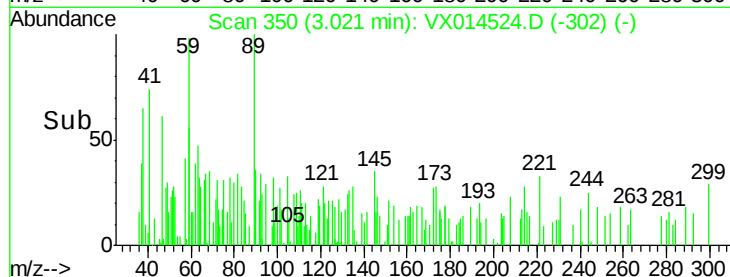
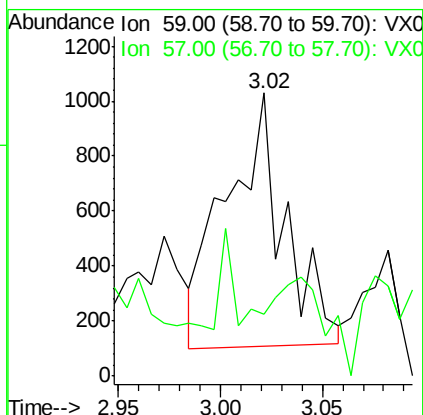
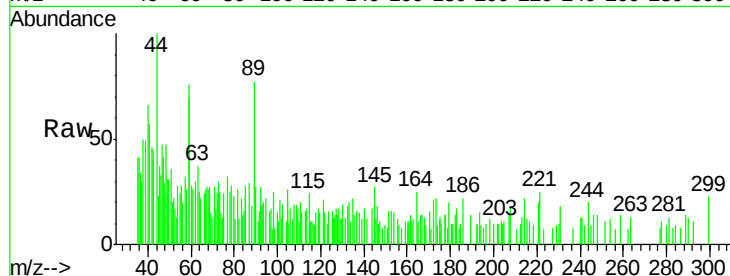


#11

Tert butyl alcohol
 Concen: 1.576 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014524.D
 Acq: 10 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0110MBL01

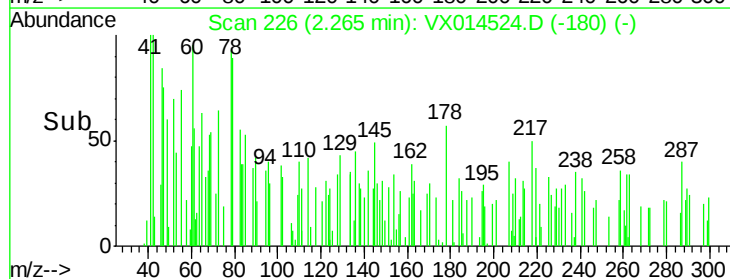
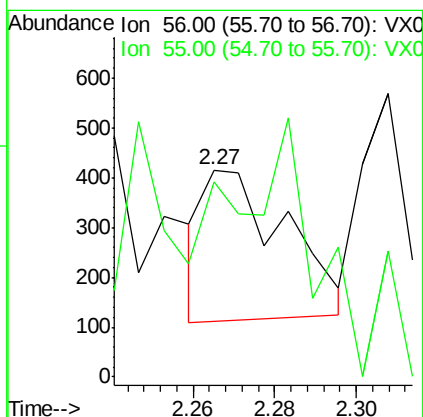
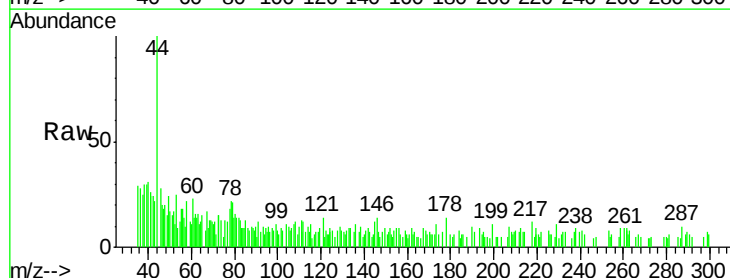
Tgt Ion: 59 Resp: 1829
 Ion Ratio Lower Upper
 59 100
 57 33.2 8.5 12.7#

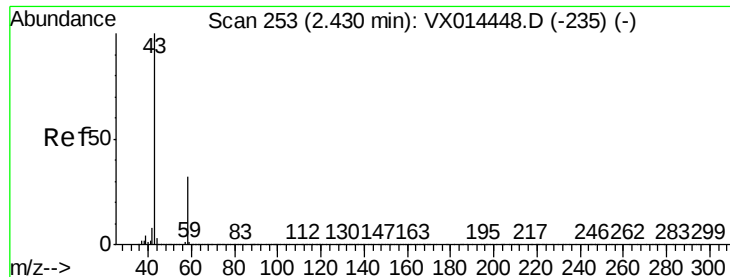


#13

Acrolein
 Concen: 0.452 ug/l
 RT: 2.27 min Scan# 226
 Delta R.T. -0.02 min
 Lab File: VX014524.D
 Acq: 10 Jan 2020 09:47

Tgt Ion: 56 Resp: 420
 Ion Ratio Lower Upper
 56 100
 55 172.6 55.0 82.6#





#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

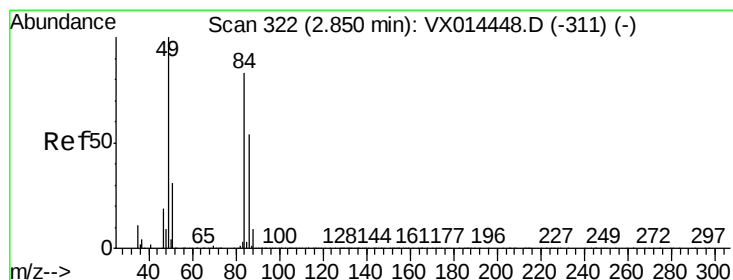
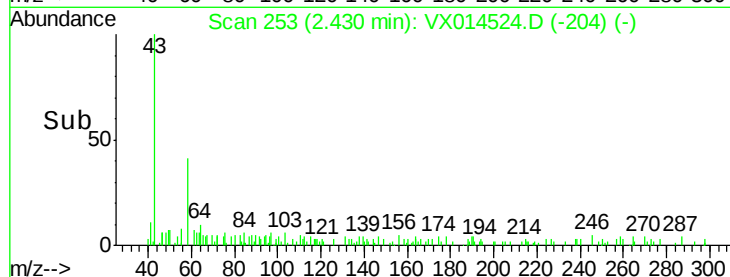
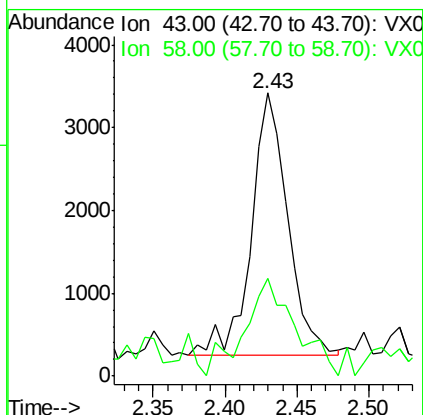
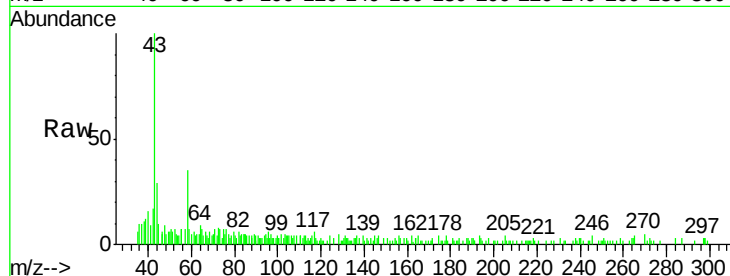
VX0110MBL01

Tgt Ion: 43 Resp: 5509

Ion Ratio Lower Upper

43 100

58 37.3 25.4 38.0



#20

Methylene Chloride

Concen: 0.453 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

Tgt Ion: 84 Resp: 2533

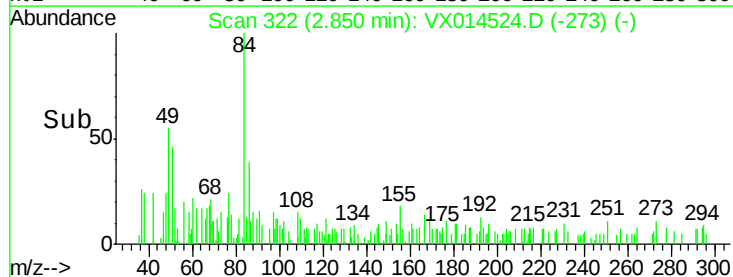
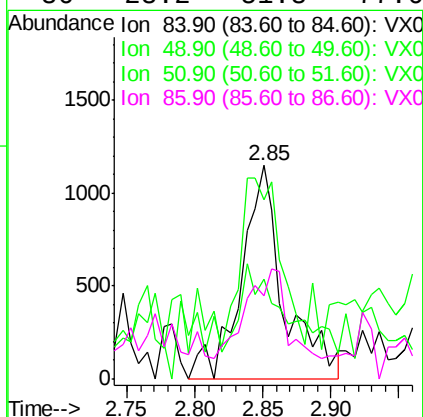
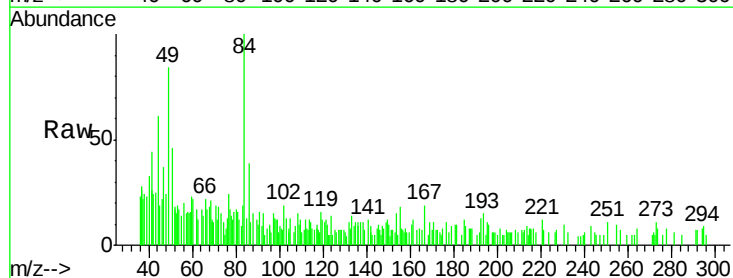
Ion Ratio Lower Upper

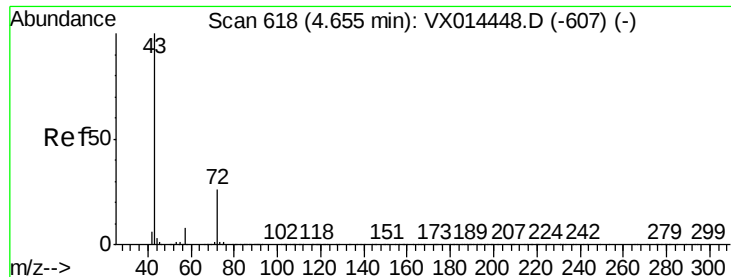
84 100

49 63.5 95.8 143.8#

51 21.0 30.2 45.4#

86 28.2 51.8 77.6#

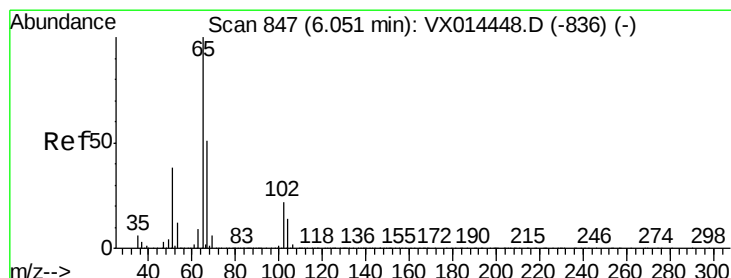
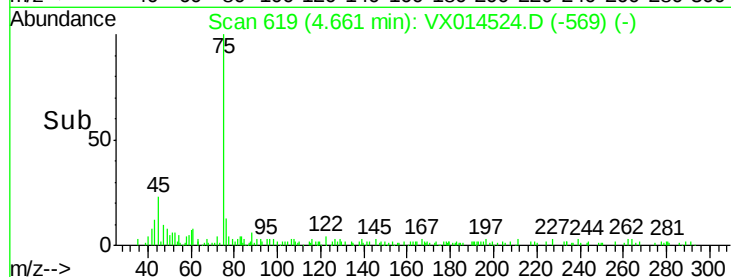
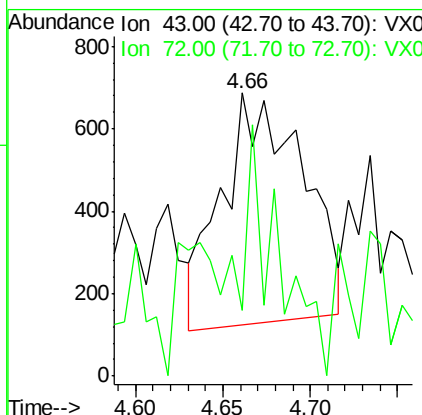
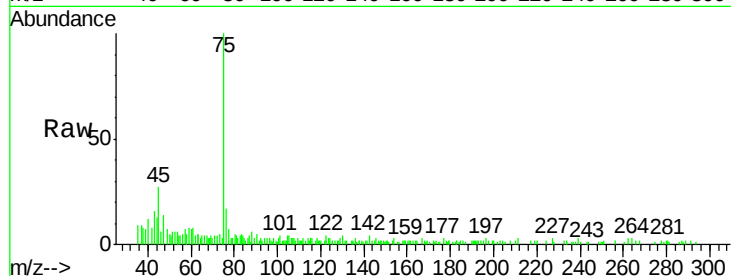




#25
2-Butanone
Concen: 0.435 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX014524.D
Acq: 10 Jan 2020 09:47

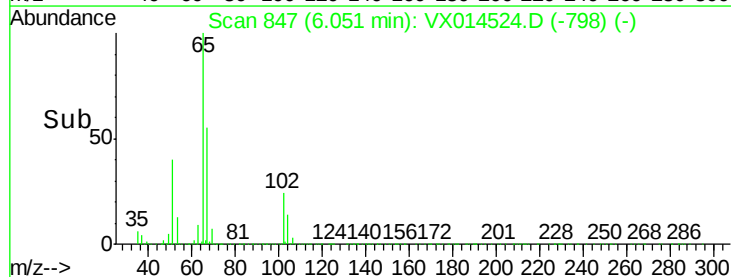
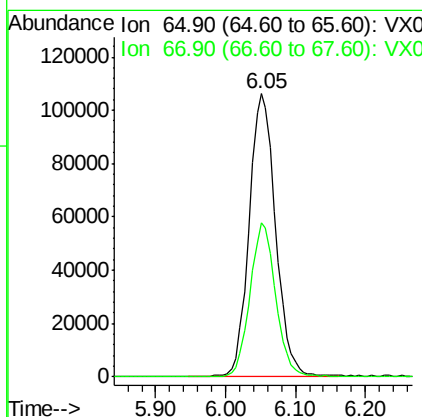
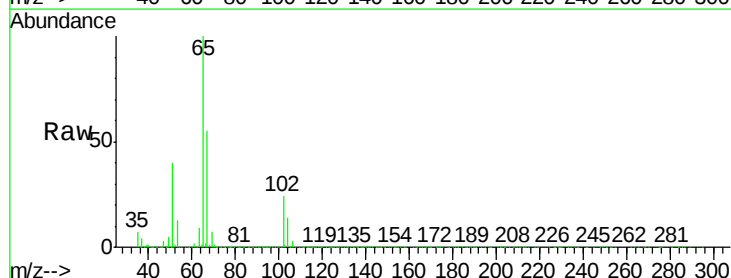
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

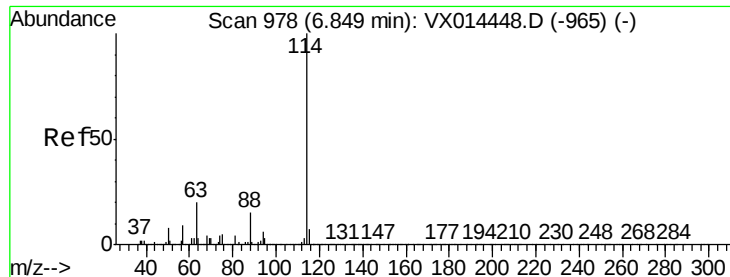
Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#33
1,2-Dichloroethane-d4
Concen: 49.916 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014524.D
Acq: 10 Jan 2020 09:47

Tgt Ion: 65 Resp: 277439
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBL01

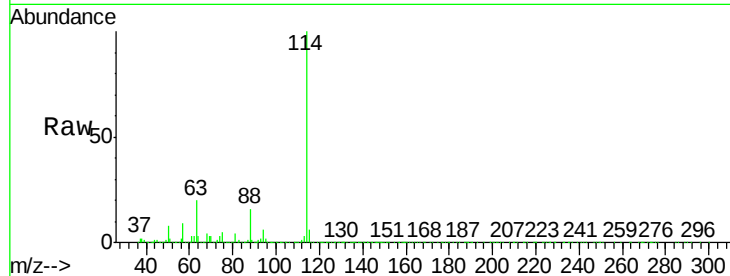
Tgt Ion:114 Resp: 773223

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

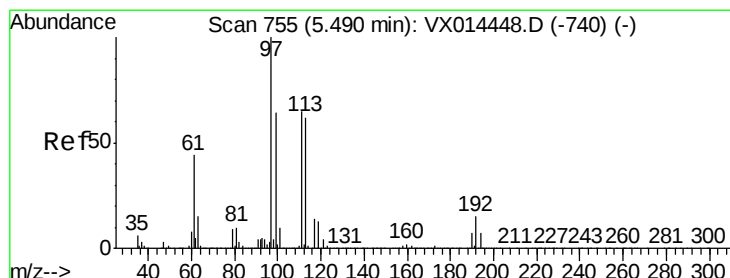
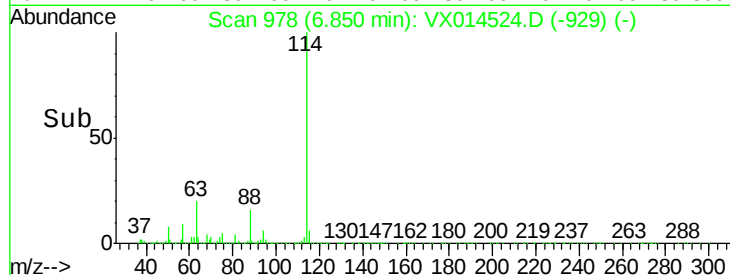
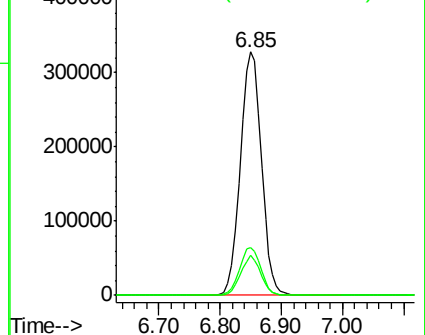
88 16.2 0.0 30.8



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: 49.463 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

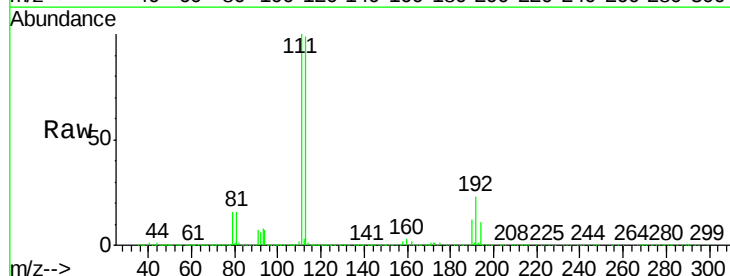
Tgt Ion:113 Resp: 231519

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

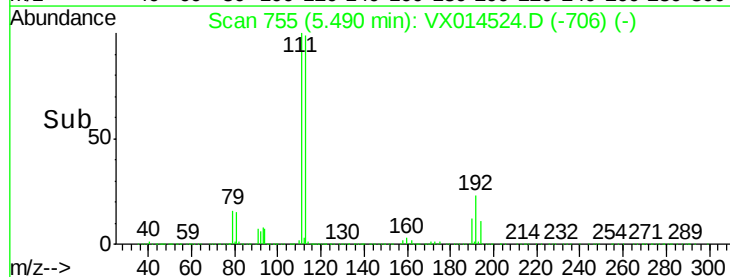
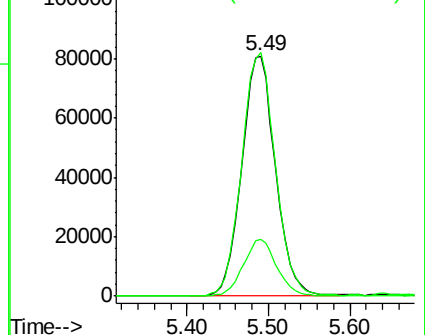
192 23.7 19.2 28.8

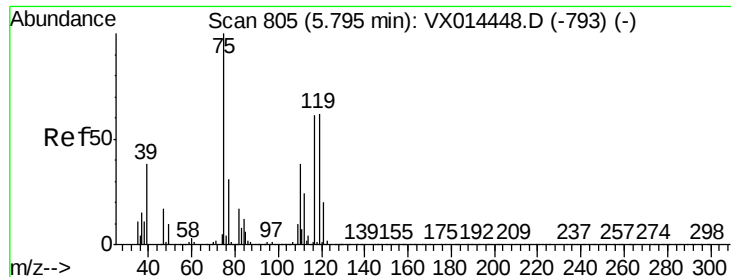


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

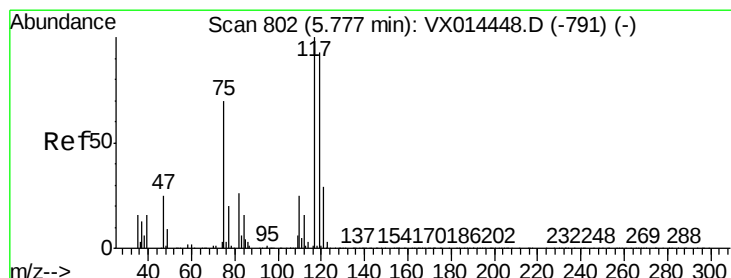
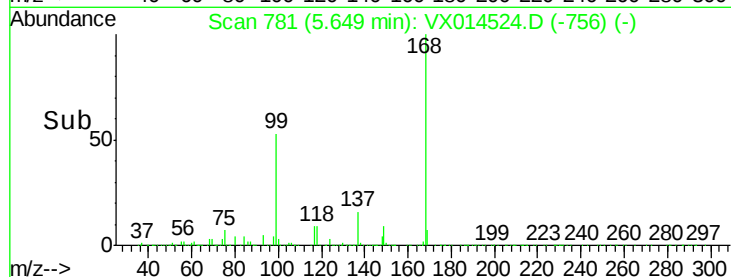
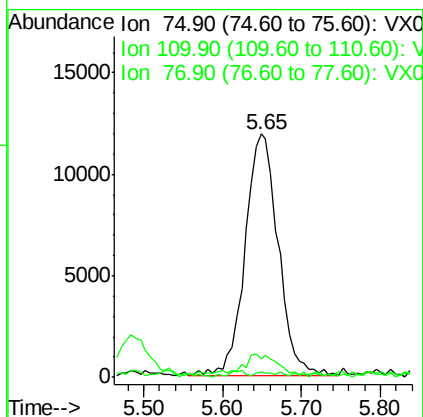
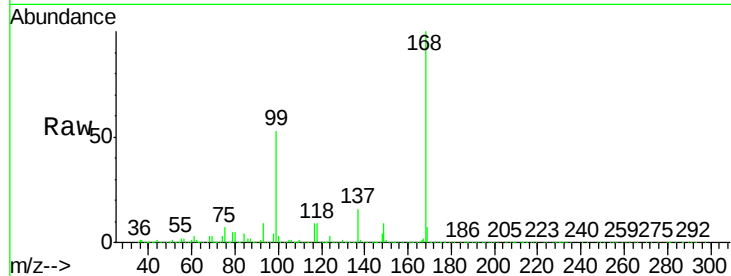




#36
 1,1-Dichloropropene
 Concen: 4.807 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX014524.D
 Acq: 10 Jan 2020 09:47

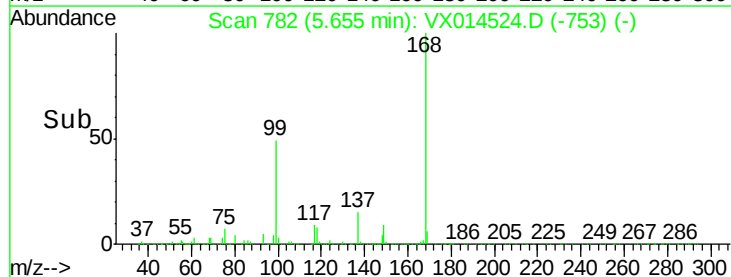
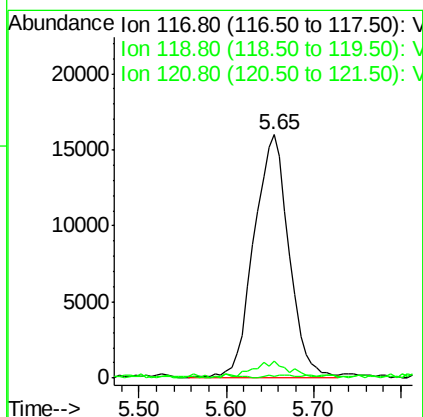
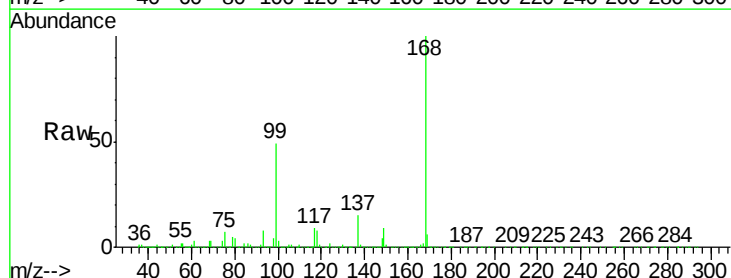
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBL01

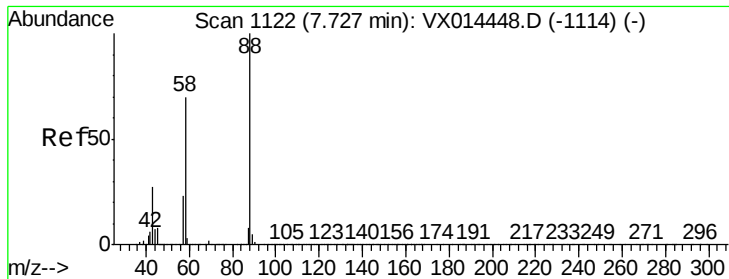
Tgt Ion: 75 Resp: 34957
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.6 55.8#
 77 0.9 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.708 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX014524.D
 Acq: 10 Jan 2020 09:47

Tgt Ion: 117 Resp: 44888
 Ion Ratio Lower Upper
 117 100
 119 6.3 73.8 110.8#
 121 0.0 23.4 35.0#





#49

1,4-Dioxane

Concen: 0.711 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

VX0110MBL01

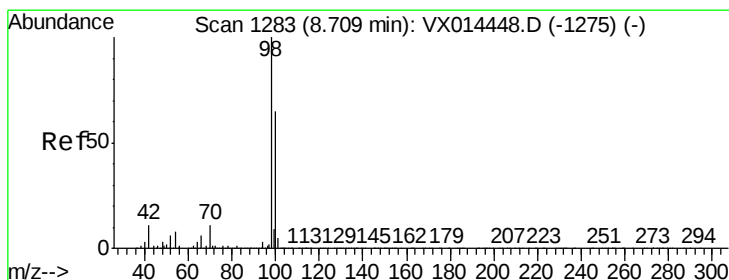
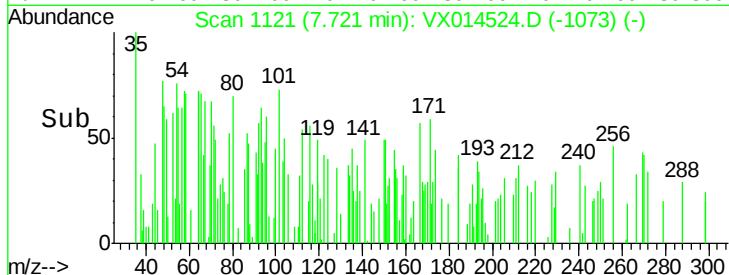
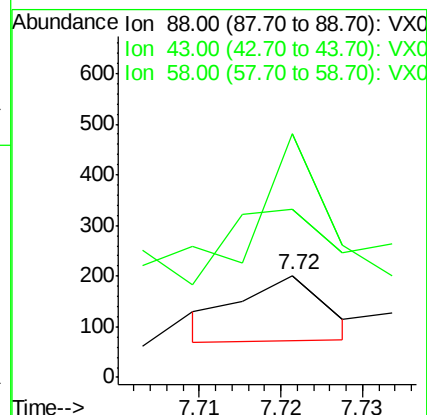
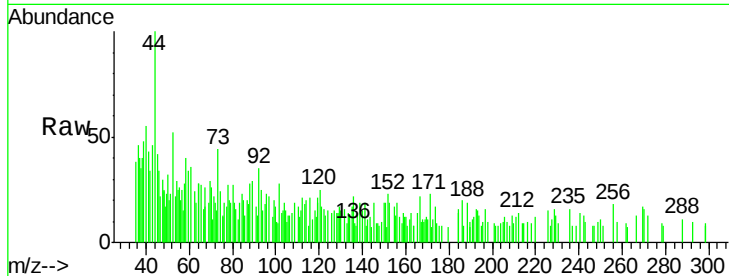
Tgt Ion: 88 Resp: 92

Ion Ratio Lower Upper

88 100

43 202.2 27.4 41.0#

58 719.6 57.1 85.7#



#50

Toluene-d8

Concen: 50.478 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014524.D

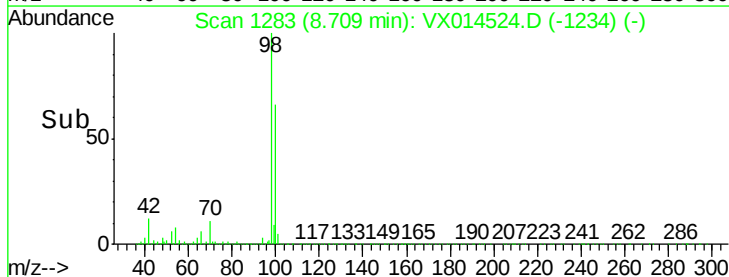
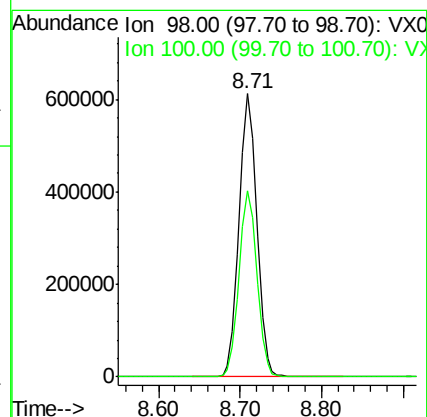
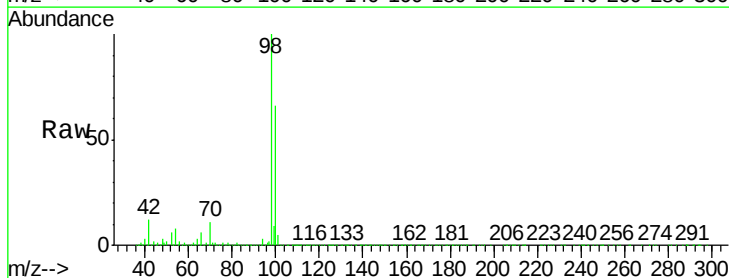
Acq: 10 Jan 2020 09:47

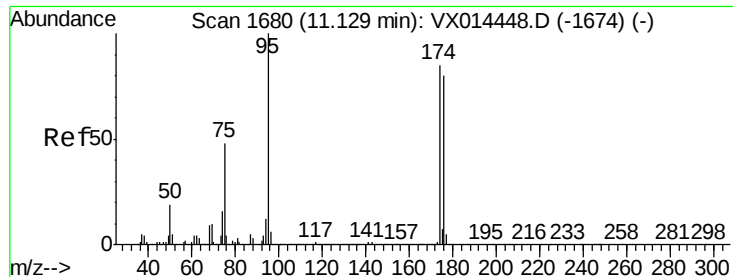
Tgt Ion: 98 Resp: 916880

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8

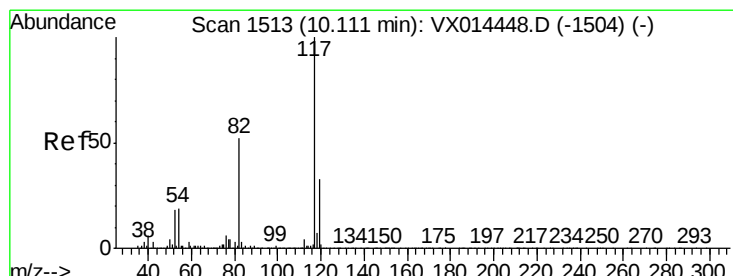
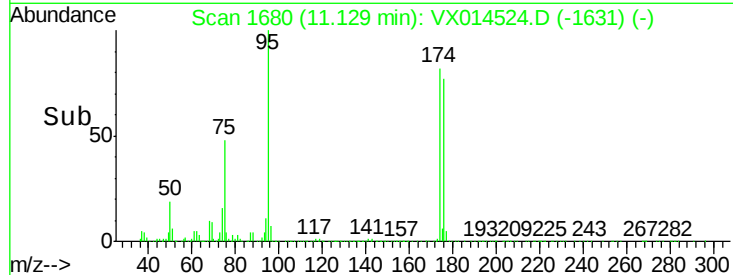
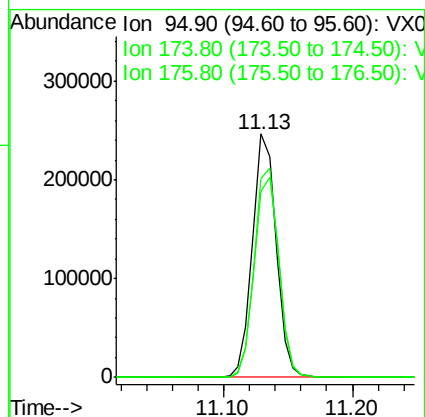
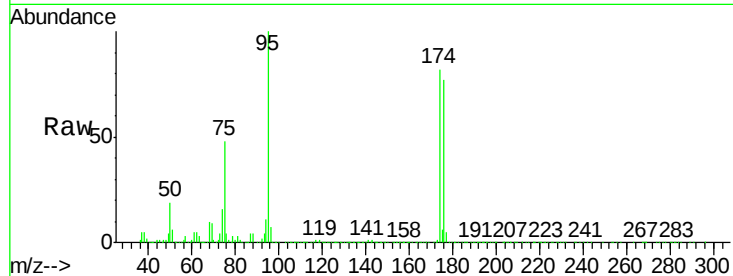




#62
4-Bromofluorobenzene
Concen: 46.505 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014524.D
Acq: 10 Jan 2020 09:47

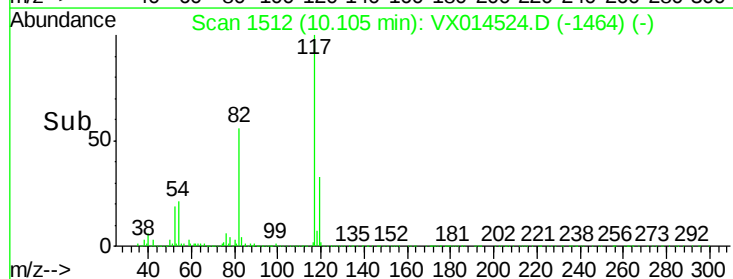
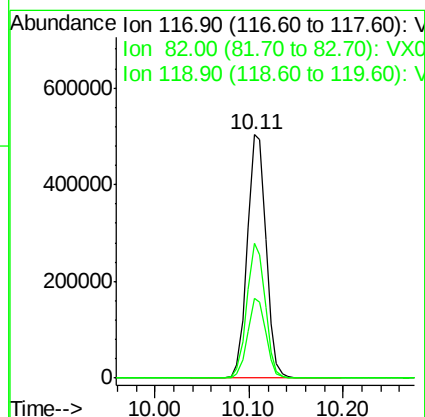
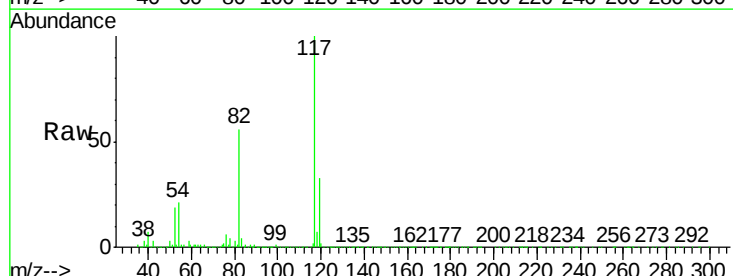
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBL01

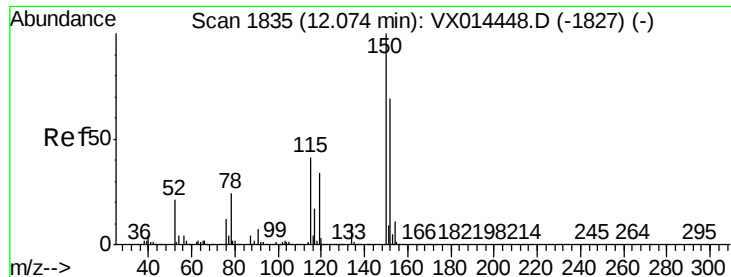
Tgt Ion: 95 Resp: 310109
Ion Ratio Lower Upper
95 100
174 89.6 0.0 180.8
176 86.5 0.0 172.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014524.D
Acq: 10 Jan 2020 09:47

Tgt Ion: 117 Resp: 696928
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.6
119 32.6 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

VX0110MBL01

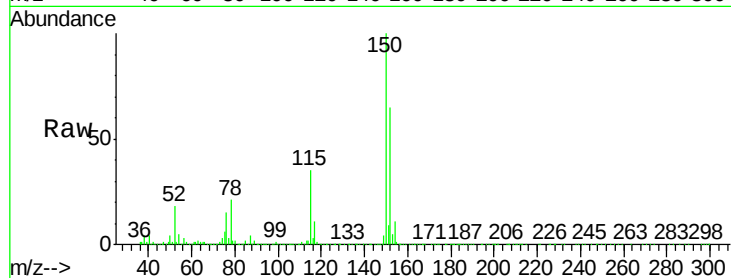
Tgt Ion: 152 Resp: 319650

Ion Ratio Lower Upper

152 100

115 55.6 39.5 118.3

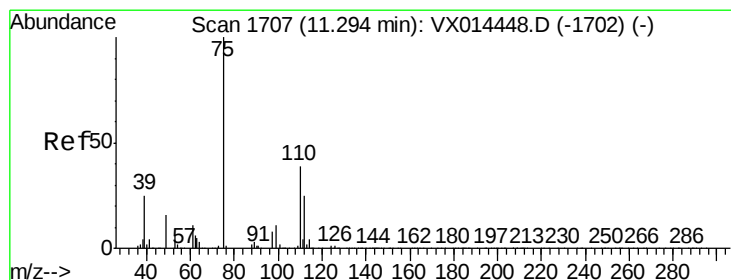
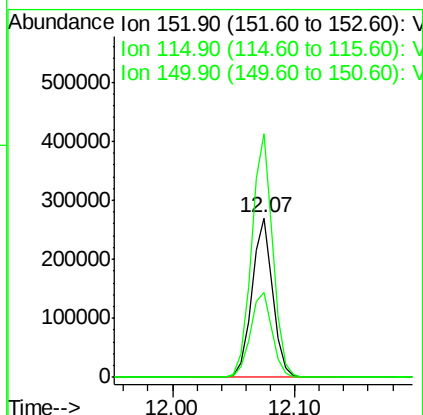
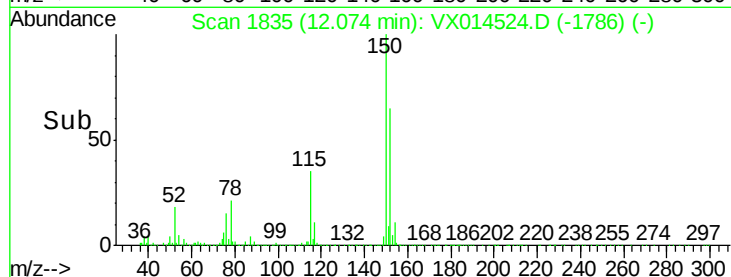
150 155.4 0.0 350.2



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



#76

1,2,3-Trichloropropane

Concen: 22.912 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014524.D

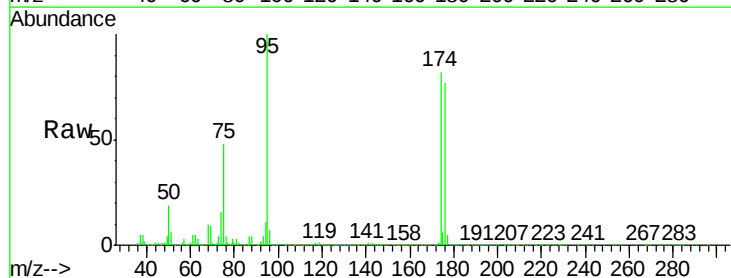
Acq: 10 Jan 2020 09:47

Tgt Ion: 75 Resp: 151530

Ion Ratio Lower Upper

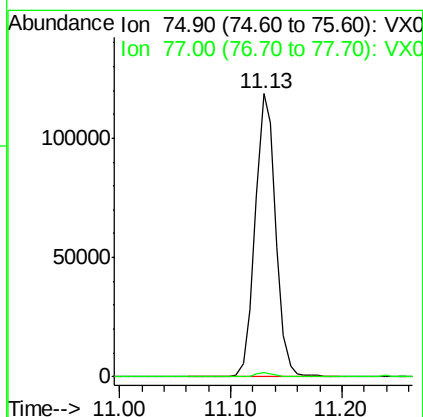
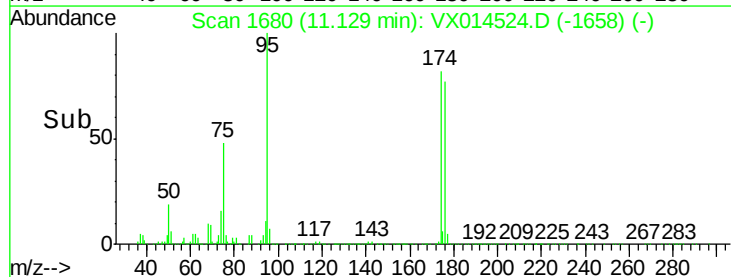
75 100

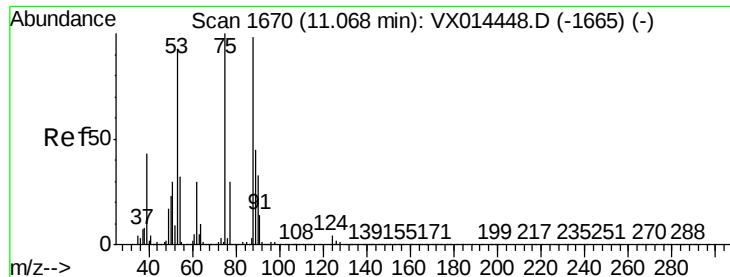
77 1.5 21.9 65.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 60.575 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBL01

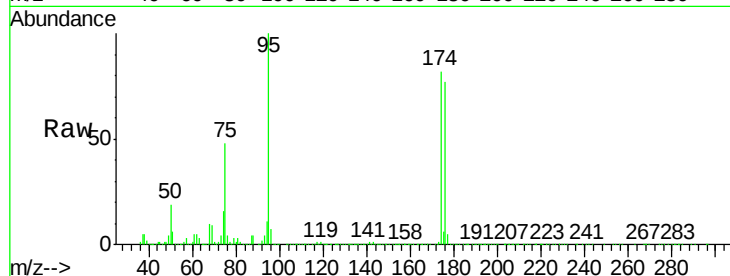
Tgt Ion: 75 Resp: 151530

Ion Ratio Lower Upper

75 100

53 0.2 74.8 112.2#

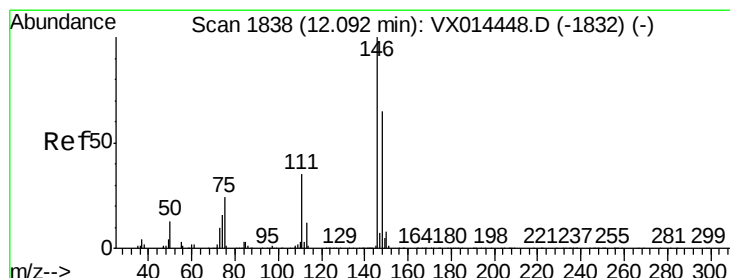
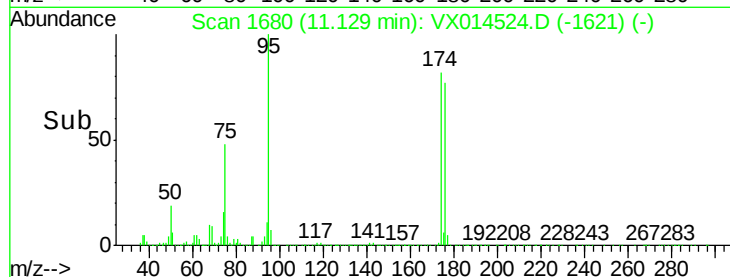
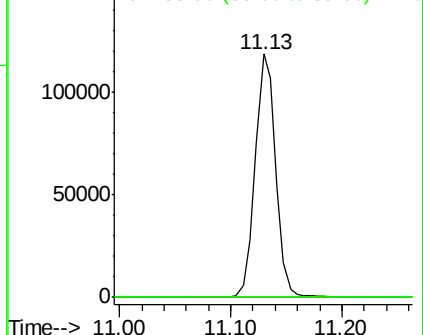
89 0.1 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 12.10 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VX014524.D

Acq: 10 Jan 2020 09:47

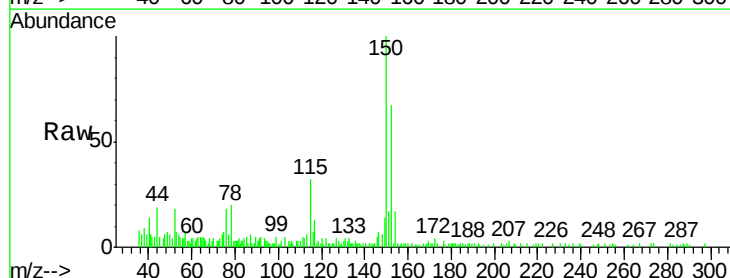
Tgt Ion: 146 Resp: 1015

Ion Ratio Lower Upper

146 100

111 0.0 18.1 54.1#

148 0.0 32.1 96.3#



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

