

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013068.D
 Acq On : 15 Oct 2019 11:11
 Operator : JC/SP
 Sample : VX1015MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBL01

Quant Time: Oct 16 05:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

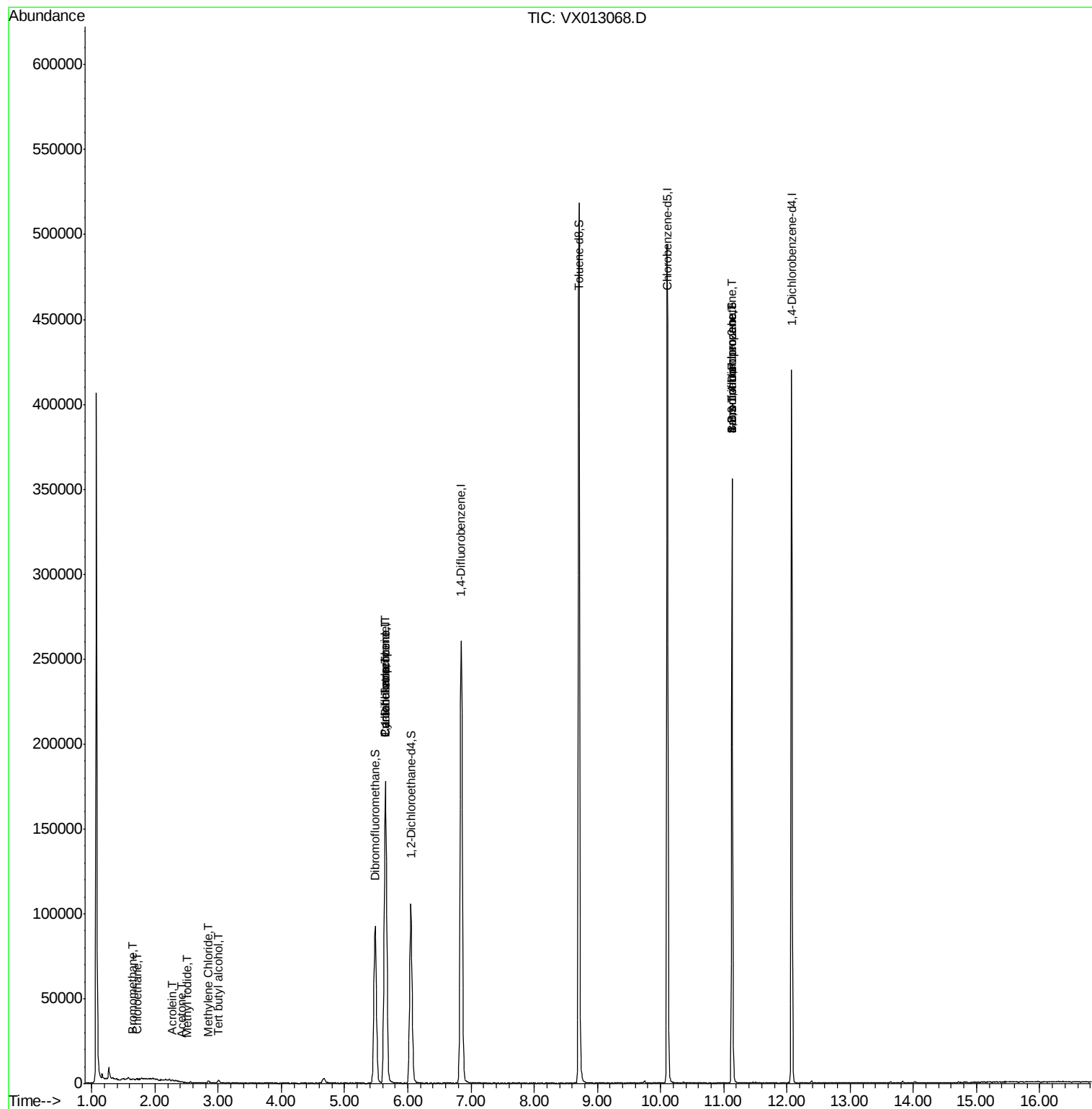
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	83757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101709	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.48	113	78636	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	311631	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.13	95	104072	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	370	0.466	ug/l	89
6) Chloroethane	1.71	64	391	0.700	ug/l #	87
10) Methyl Iodide	2.51	142	277	5.213	ug/l #	71
11) Tert butyl alcohol	3.01	59	1014	1.833	ug/l #	72
13) Acrolein	2.28	56	123	0.313	ug/l #	61
16) Acetone	2.42	43	438	0.398	ug/l	89
20) Methylene Chloride	2.85	84	573	0.283	ug/l #	85
28) Bromochloromethane	5.00	49	45	Below Cal	#	13
31) Cyclohexane	5.65	56	3585	1.184	ug/l #	17
36) 1,1-Dichloropropene	5.65	75	12521	5.273	ug/l #	51
38) Carbon Tetrachloride	5.65	117	16742	7.244	ug/l #	18
71) Bromoform	11.12	173	158	3.245	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	51770	27.867	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	51770	69.891	ug/l #	10

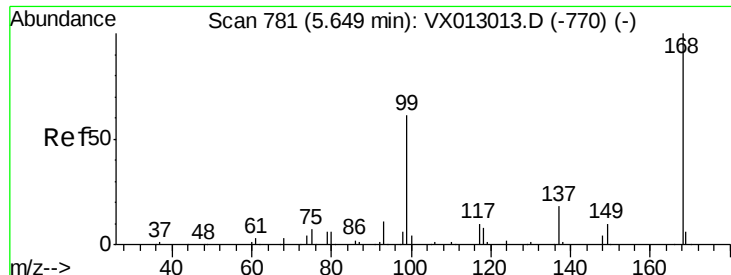
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101519\
Data File : VX013068.D
Acq On : 15 Oct 2019 11:11
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Quant Time: Oct 16 05:55:28 2019
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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

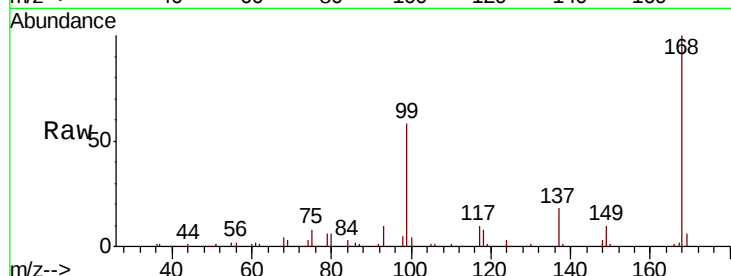
VX1015MBL01

Tot Ion:168 Resp: 166980

Ion Ratio Lower Upper

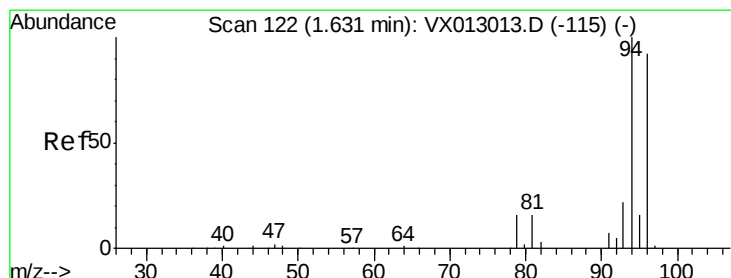
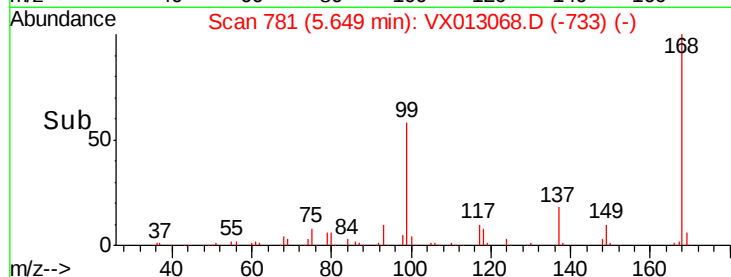
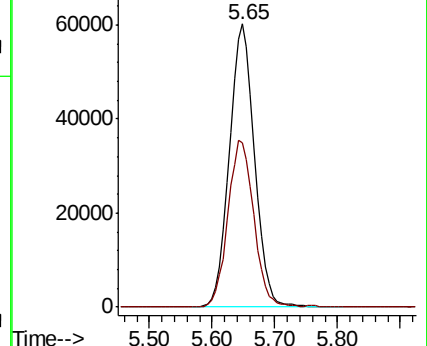
168 100

99 58.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.466 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX013068.D

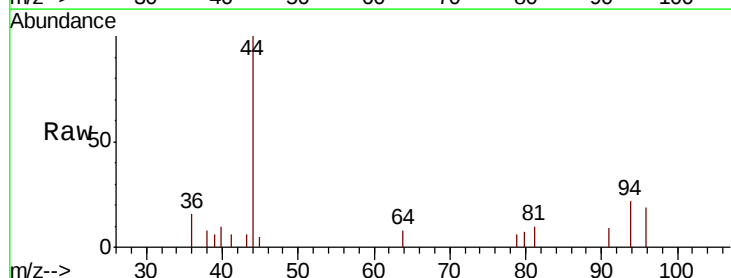
Acq: 15 Oct 2019 11:11

Tgt Ion: 94 Resp: 370

Ion Ratio Lower Upper

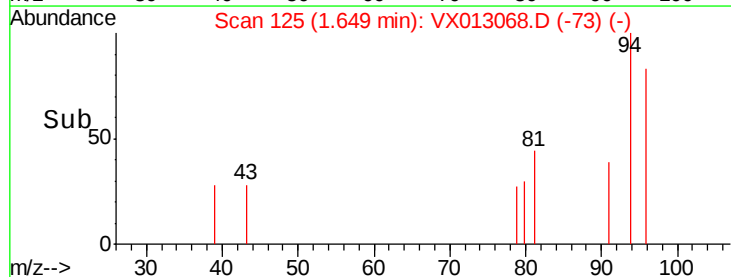
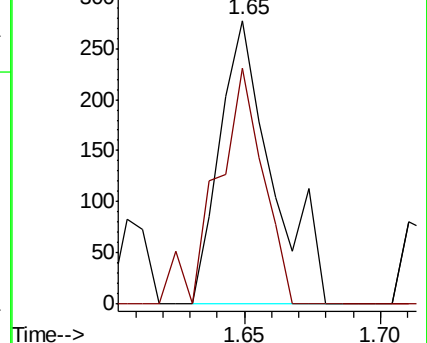
94 100

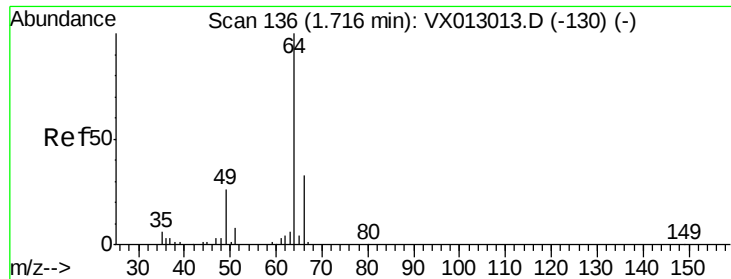
96 83.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.700 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

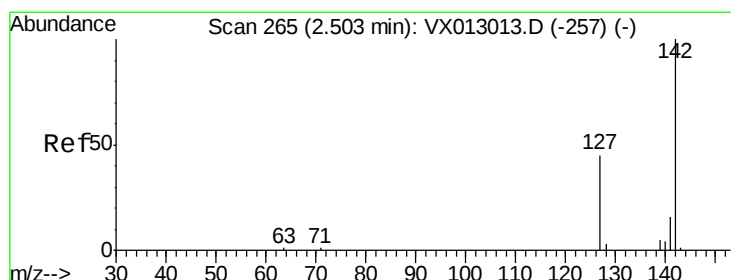
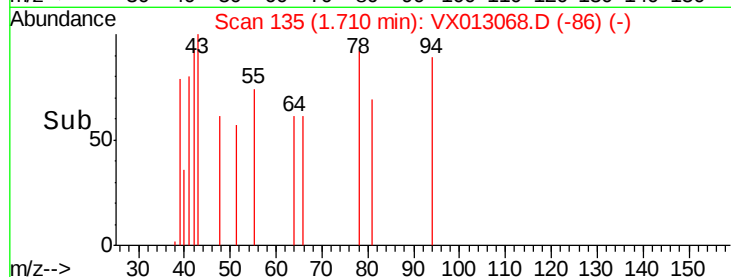
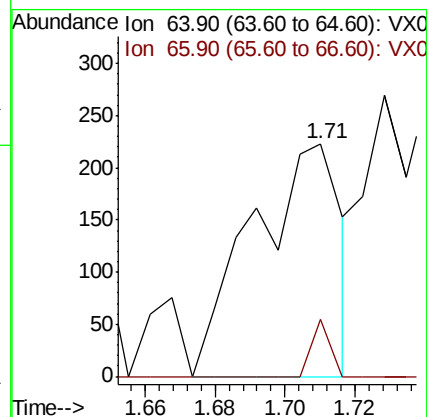
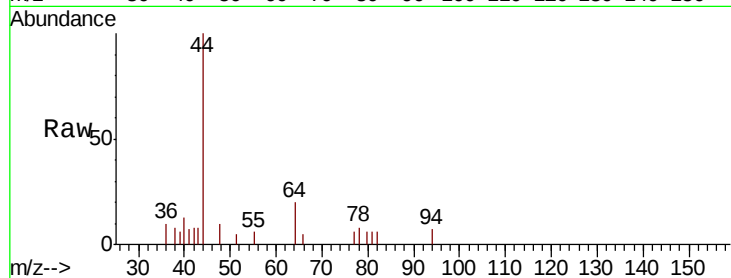
VX1015MBL01

Tot Ion: 64 Resp: 391

Ion Ratio Lower Upper

64 100

66 24.7 25.6 38.4#



#10

Methyl Iodide

Concen: 5.213 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

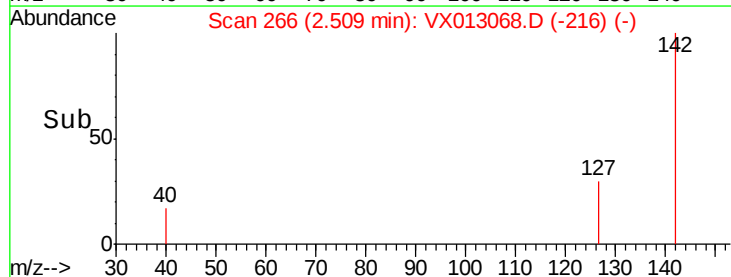
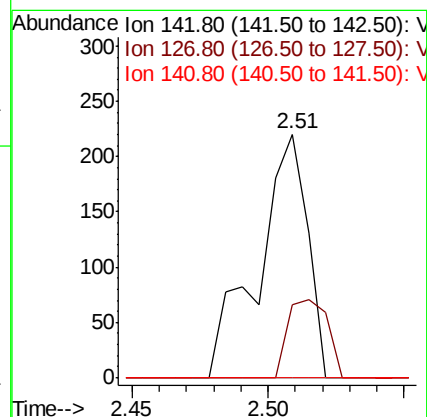
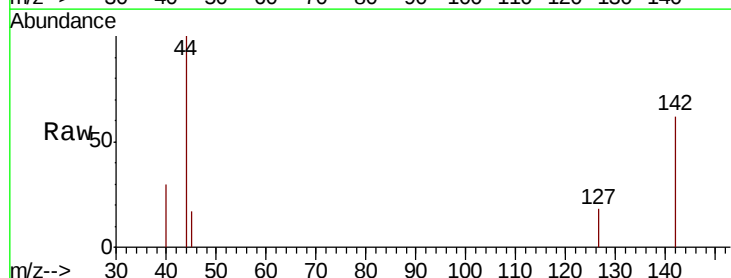
Tgt Ion: 142 Resp: 277

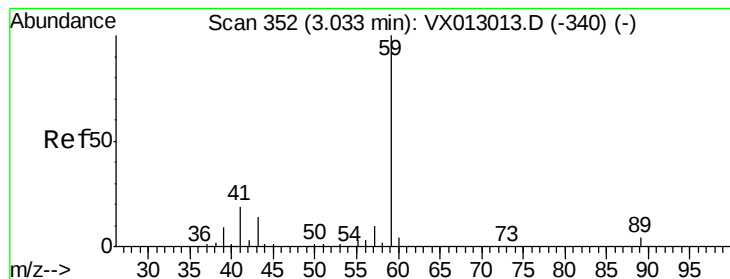
Ion Ratio Lower Upper

142 100

127 26.0 34.9 52.3#

141 0.0 11.6 17.4#



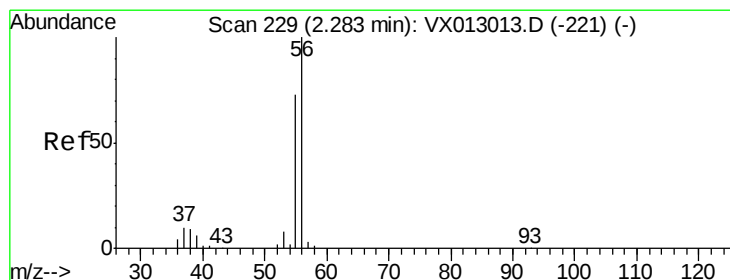
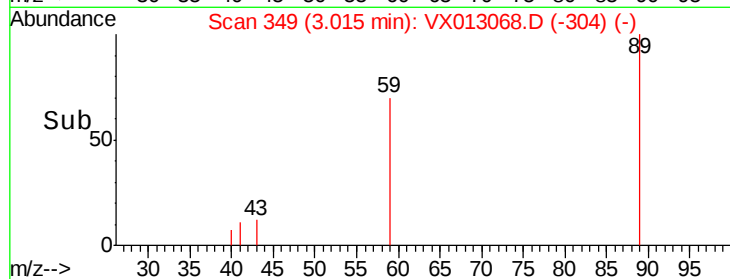
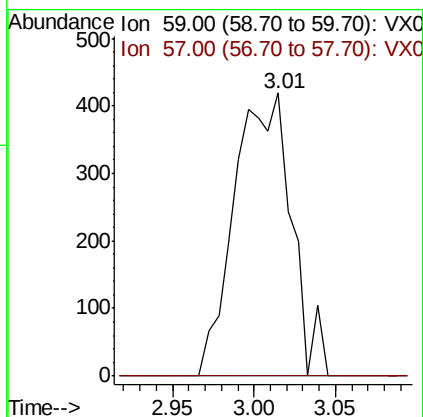
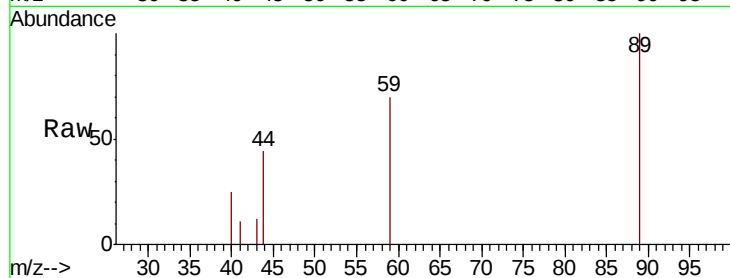


#11

Tert butyl alcohol
 Concen: 1.833 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: VX013068.D
 Acq: 15 Oct 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBL01

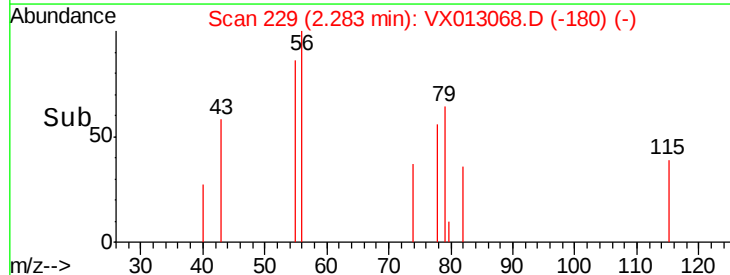
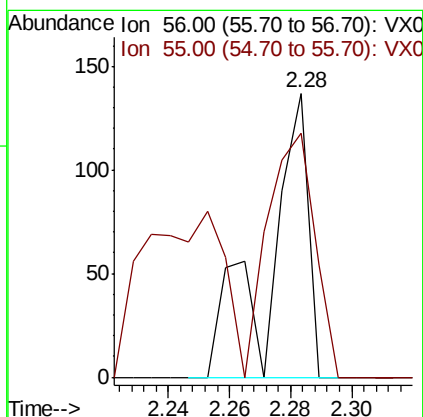
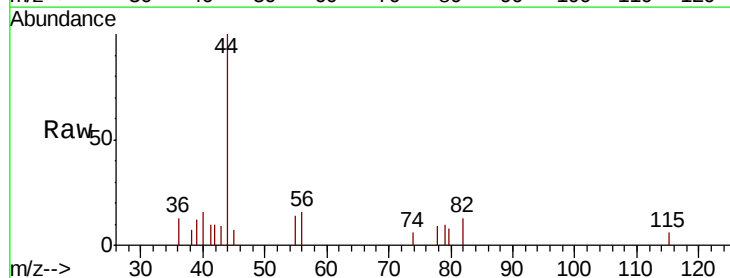
Tot Ion: 59 Resp: 1014
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

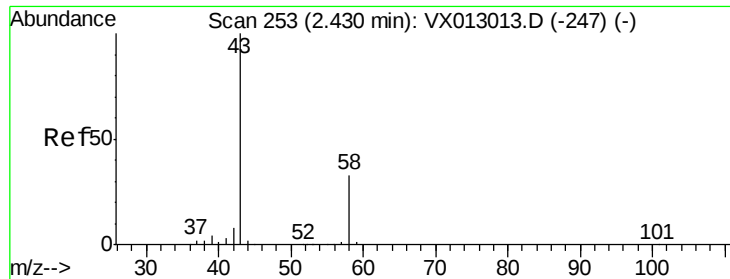


#13

Acrolein
 Concen: 0.313 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX013068.D
 Acq: 15 Oct 2019 11:11

Tgt Ion: 56 Resp: 123
 Ion Ratio Lower Upper
 56 100
 55 103.3 56.6 85.0#





#16

Acetone

Concen: 0.398 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

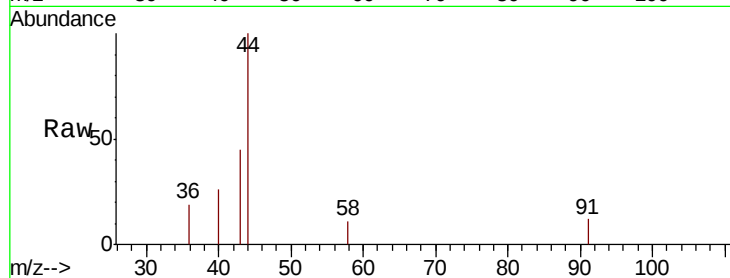
VX1015MBL01

Tot Ion: 43 Resp: 438

Ion Ratio Lower Upper

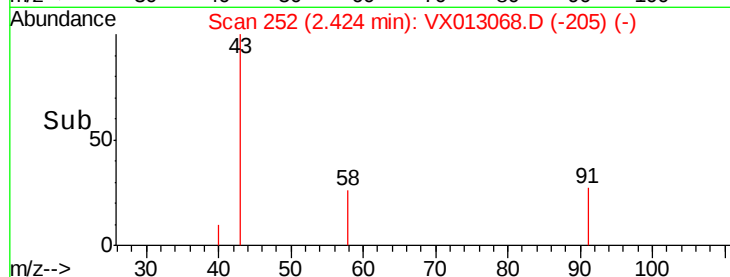
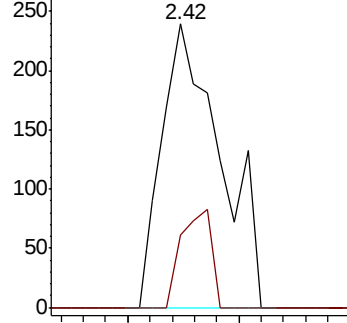
43 100

58 25.5 25.4 38.2

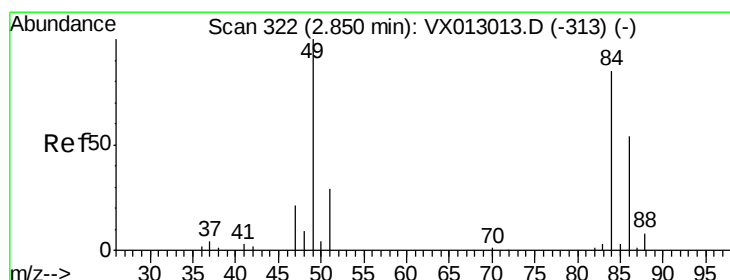


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#20

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Tgt Ion: 84 Resp: 573

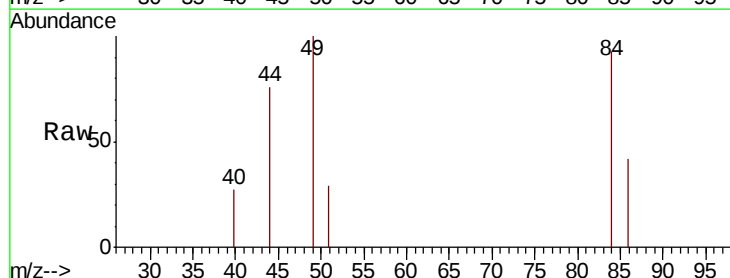
Ion Ratio Lower Upper

84 100

49 107.7 96.6 144.8

51 31.6 30.7 46.1

86 45.2 51.0 76.6#

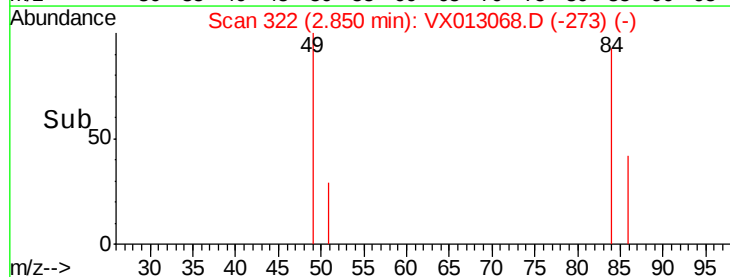
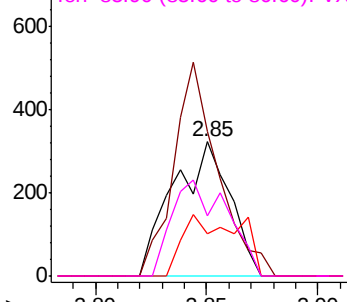


Abundance Ion 83.90 (83.60 to 84.60): VX0

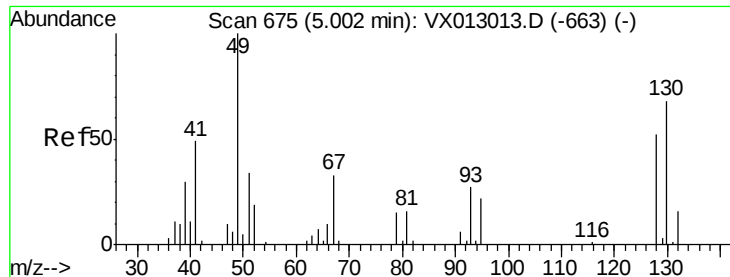
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBL01

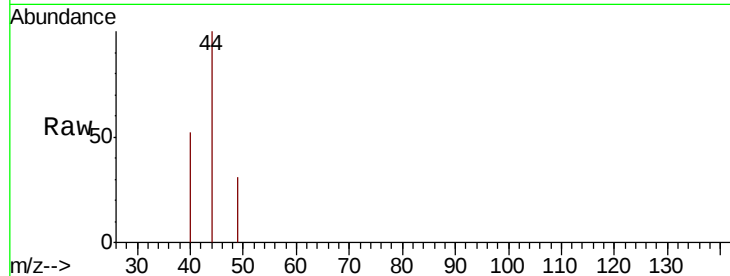
Tot Ion: 49 Resp: 45

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

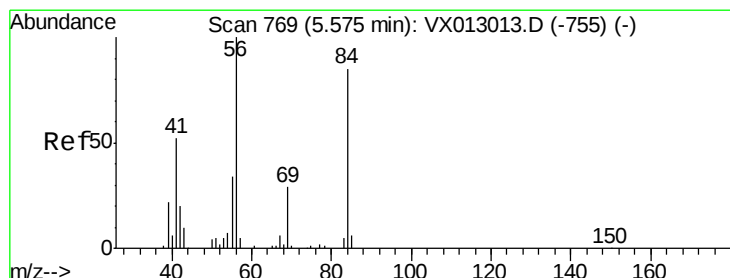
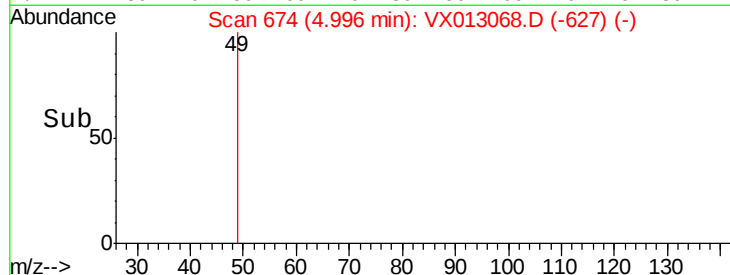
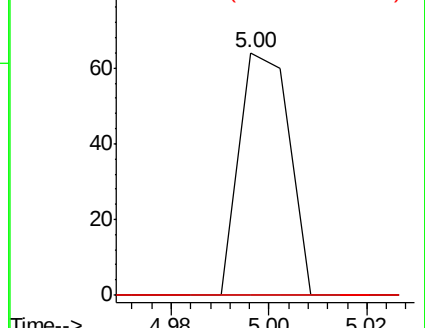
130 0.0 62.1 93.1#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.09 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

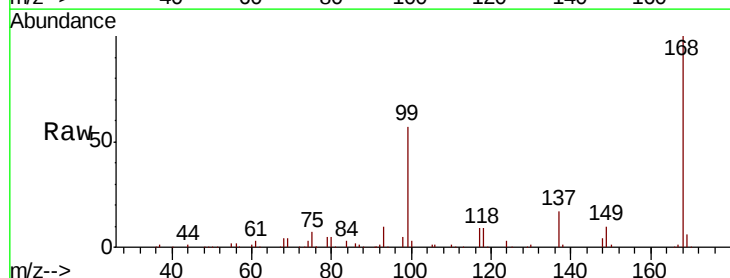
Tgt Ion: 56 Resp: 3585

Ion Ratio Lower Upper

56 100

69 164.5 25.2 37.8#

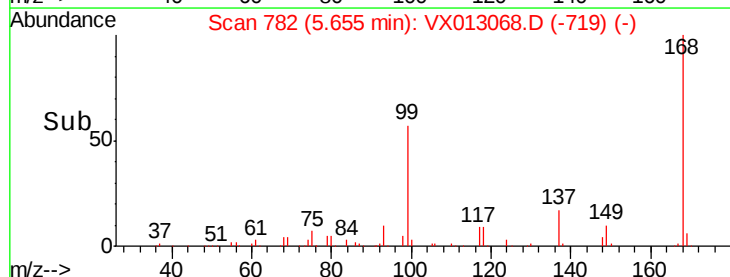
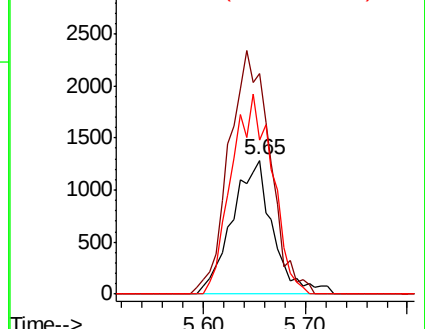
84 114.9 71.3 106.9#

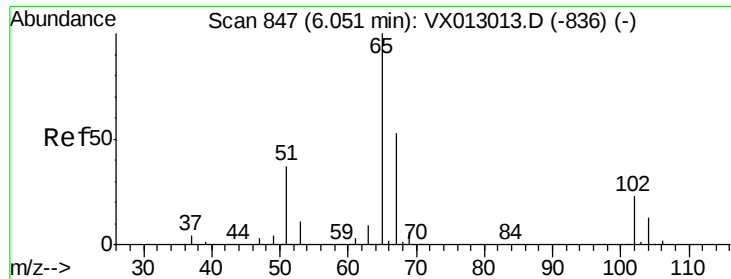


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

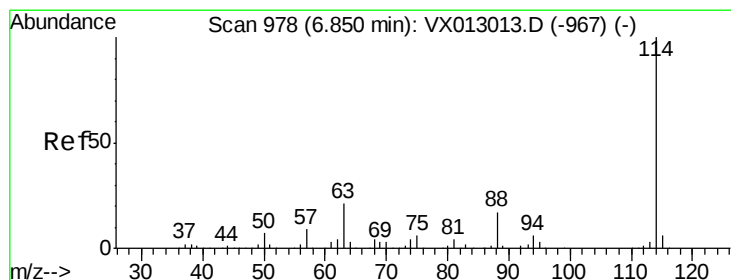
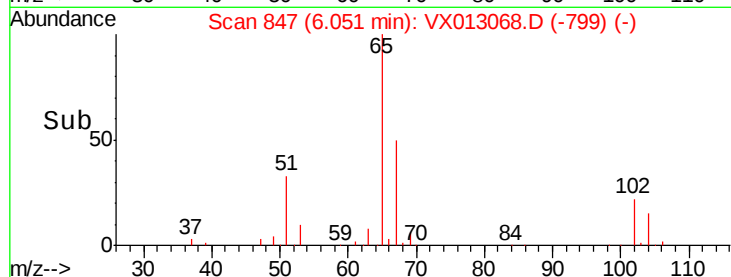
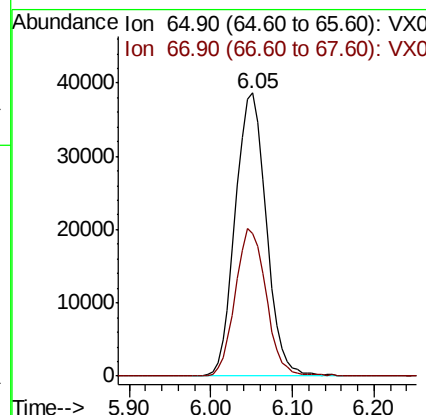
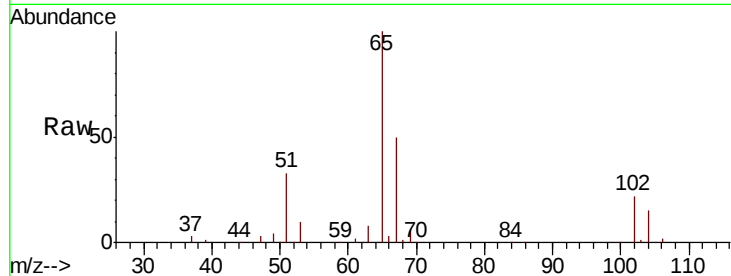




#33
 1,2-Dichloroethane-d4
 Concen: 48.734 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013068.D
 Acq: 15 Oct 2019 11:11

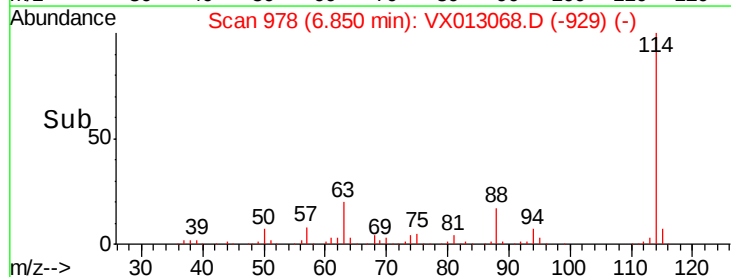
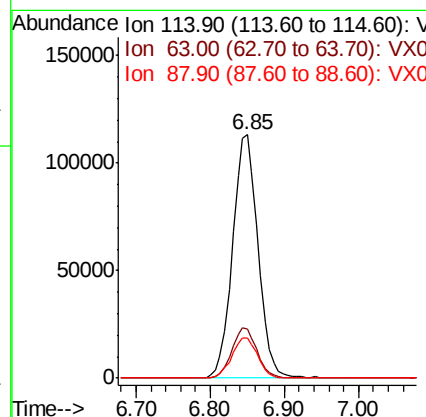
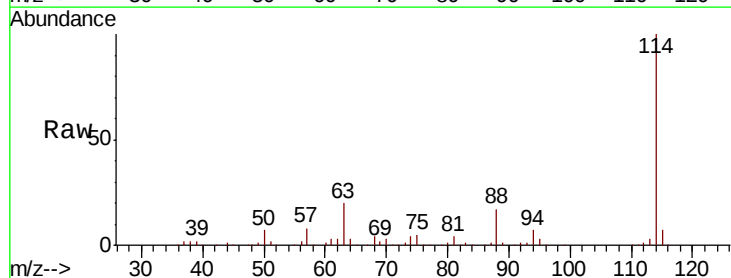
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBL01

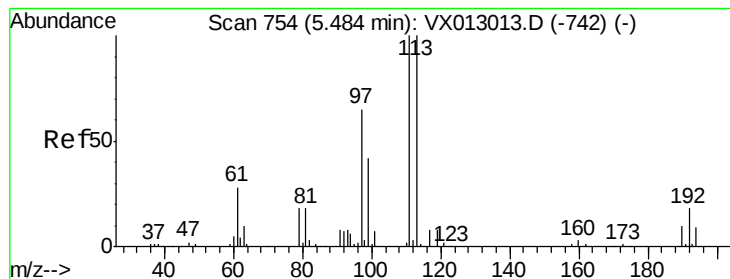
Tot Ion: 65 Resp: 101709
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013068.D
 Acq: 15 Oct 2019 11:11

Tgt Ion: 114 Resp: 270064
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.732 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBL01

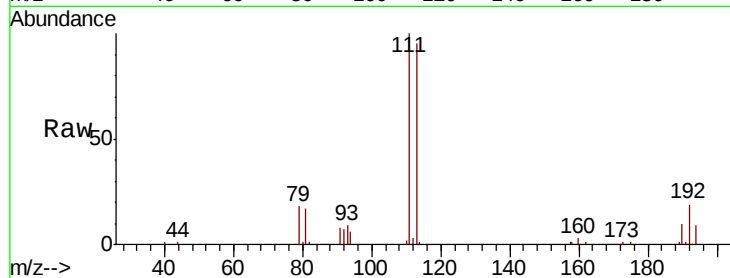
Tot Ion:113 Resp: 78636

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

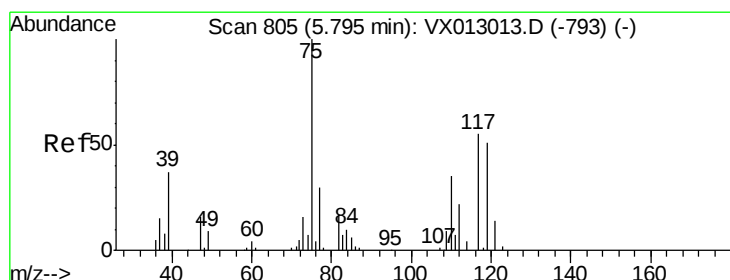
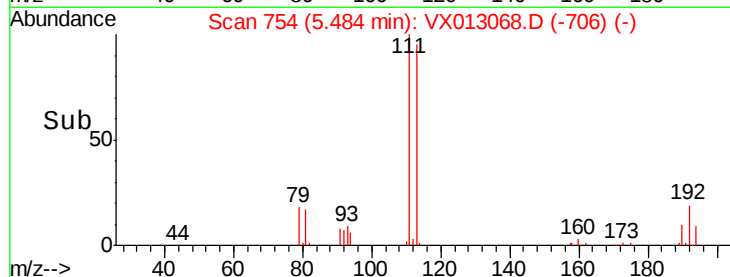
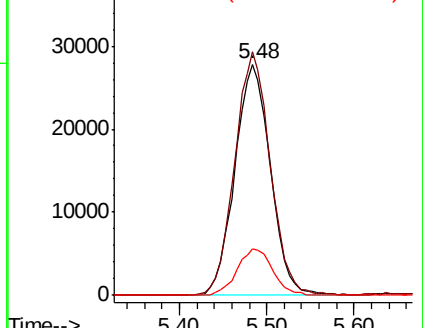
192 20.1 15.4 23.2



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: 5.273 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

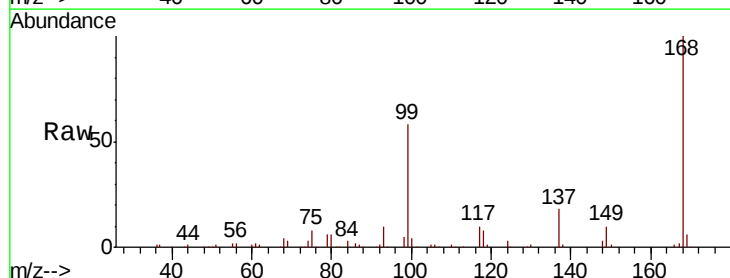
Tgt Ion: 75 Resp: 12521

Ion Ratio Lower Upper

75 100

110 10.1 17.6 52.9#

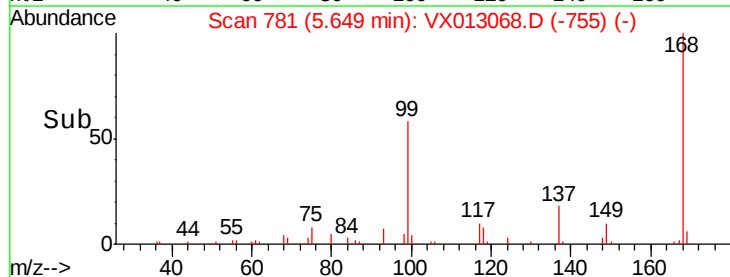
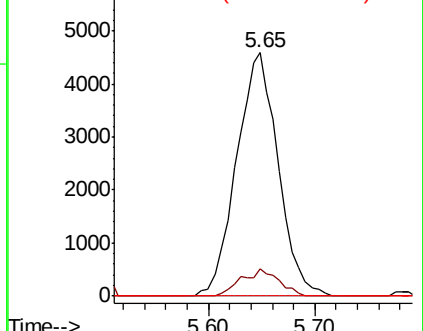
77 0.0 24.4 36.6#

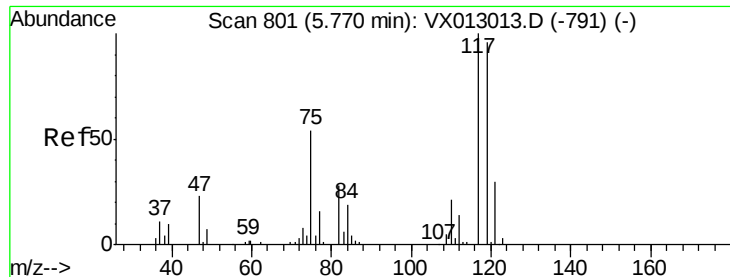


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.244 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBL01

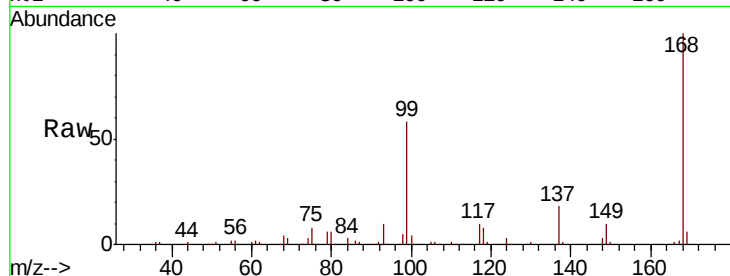
Tot Ion:117 Resp: 16742

Ion Ratio Lower Upper

117 100

119 6.0 74.5 111.7#

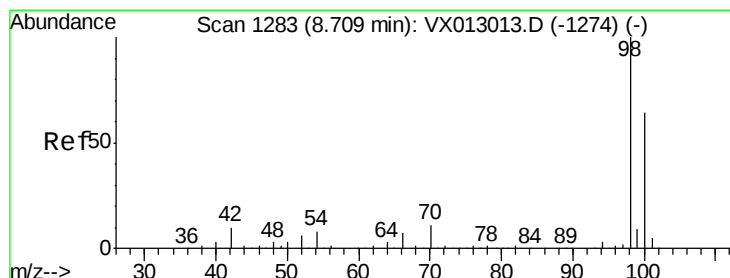
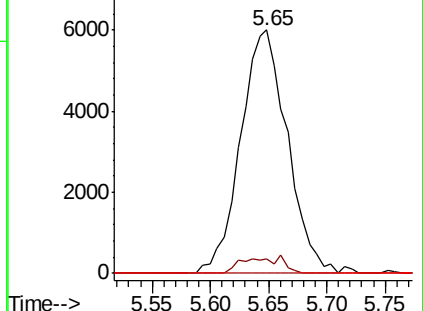
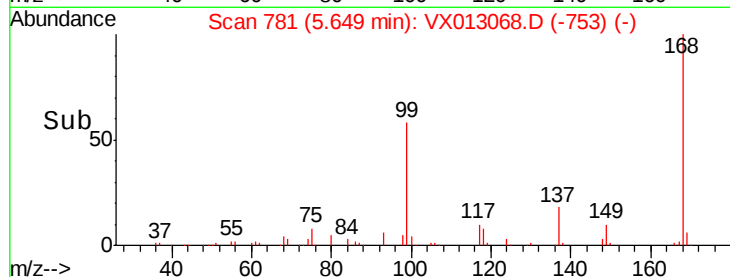
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.548 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013068.D

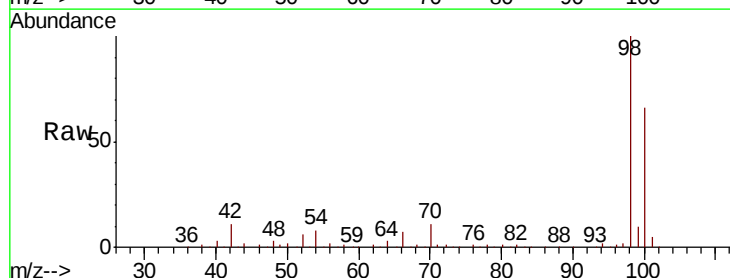
Acq: 15 Oct 2019 11:11

Tgt Ion: 98 Resp: 311631

Ion Ratio Lower Upper

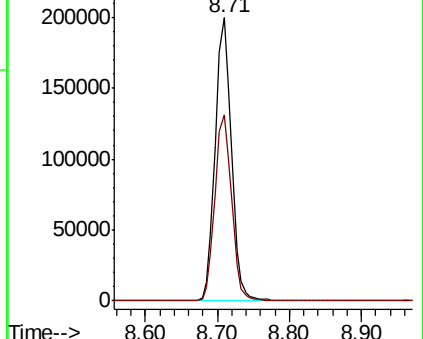
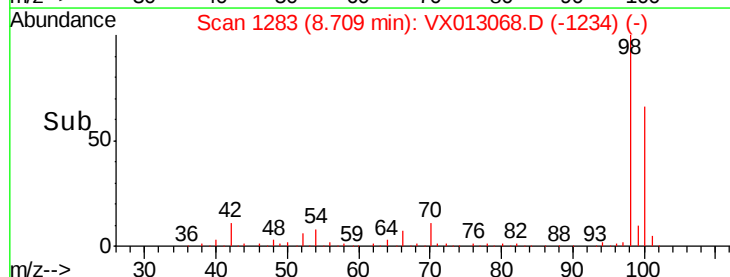
98 100

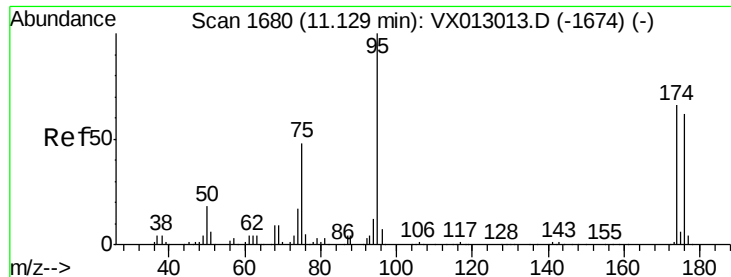
100 67.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.305 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

VX1015MBL01

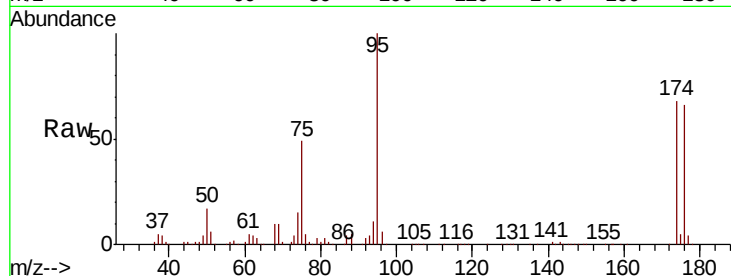
Tot Ion: 95 Resp: 104072

Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.4

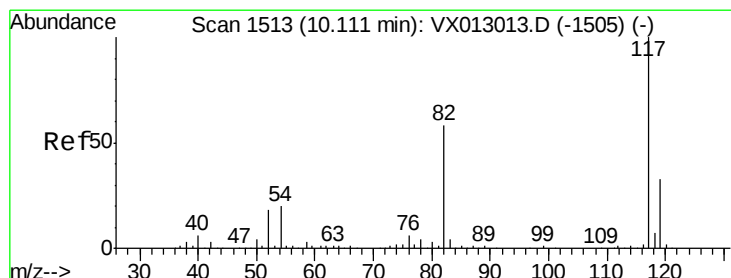
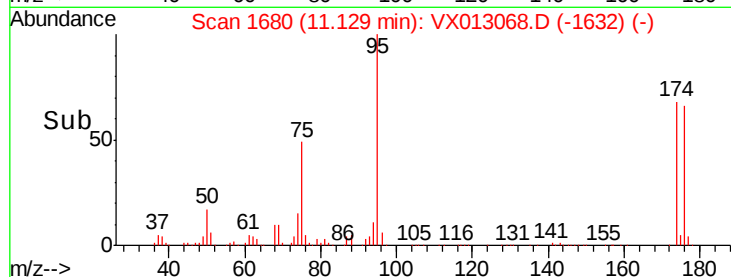
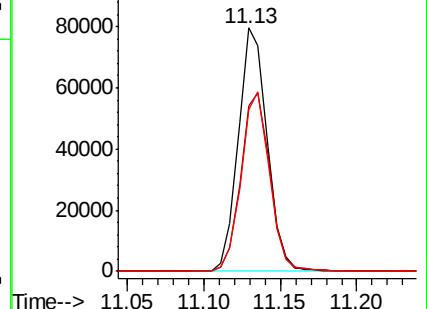
176 72.2 0.0 136.0



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: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

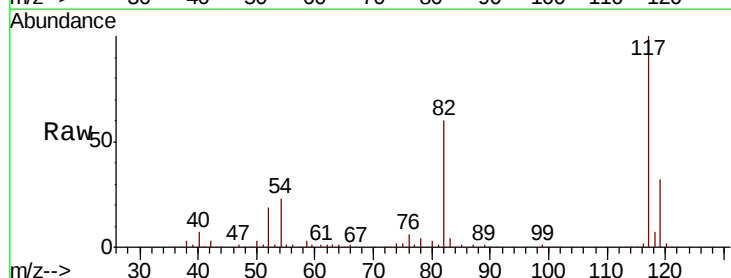
Tgt Ion: 117 Resp: 225552

Ion Ratio Lower Upper

117 100

82 59.9 44.1 66.1

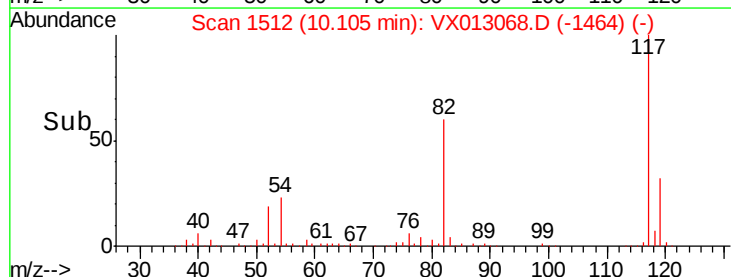
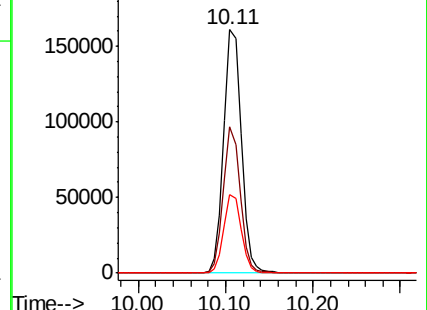
119 32.2 25.8 38.8

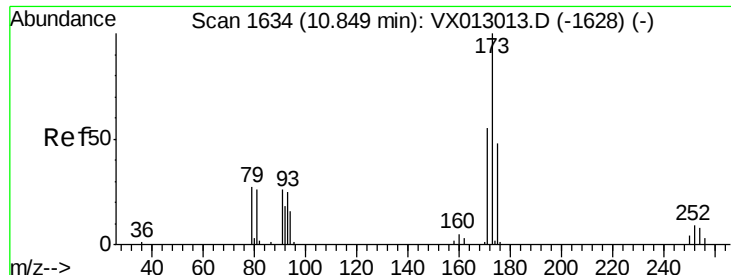


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 3.245 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.27 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBL01

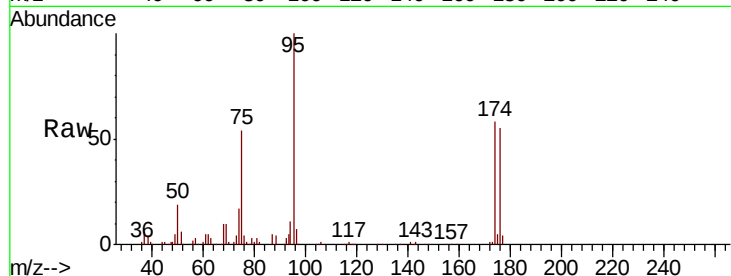
Tot Ion:173 Resp: 158

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.3#

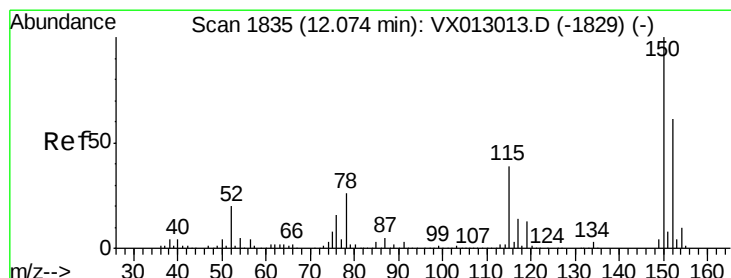
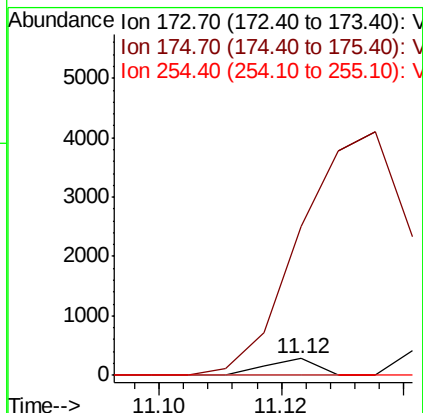
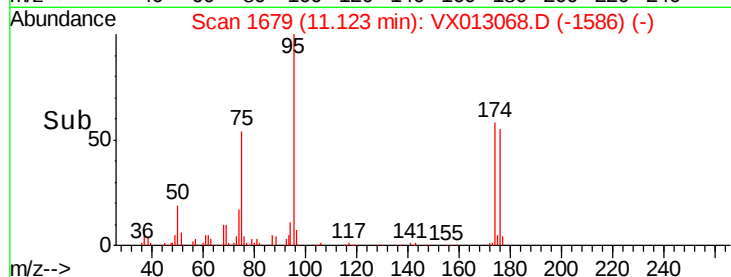
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX013068.D

Acq: 15 Oct 2019 11:11

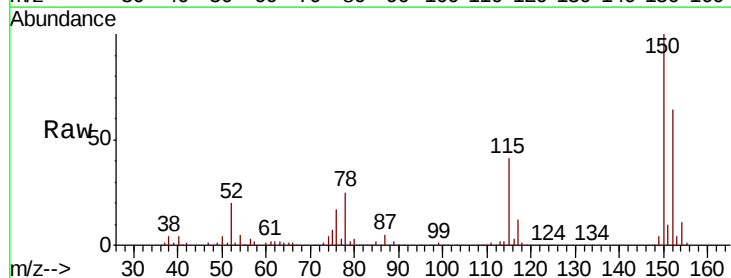
Tgt Ion:152 Resp: 83757

Ion Ratio Lower Upper

152 100

115 63.3 44.5 133.5

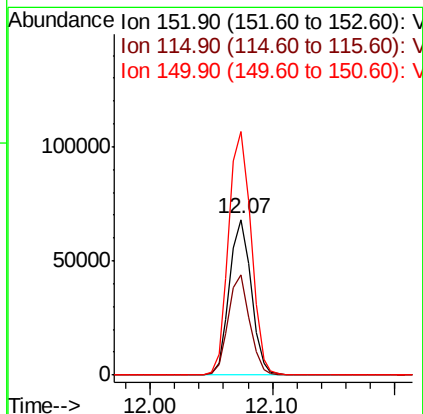
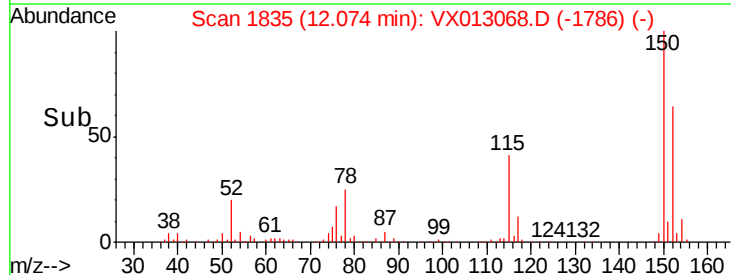
150 161.8 0.0 353.4

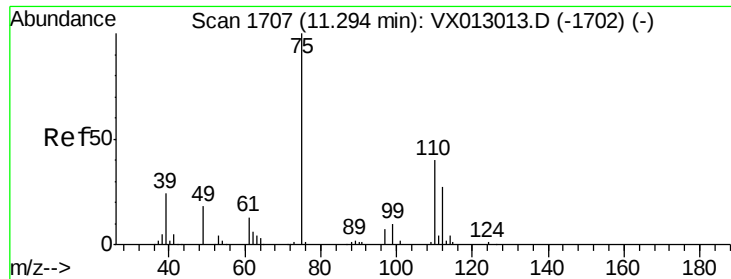


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.867 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

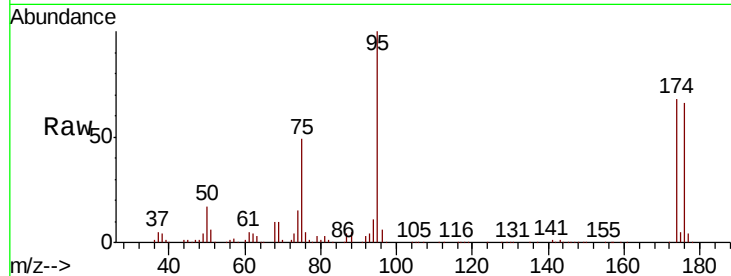
VX1015MBL01

Tot Ion: 75 Resp: 51770

Ion Ratio Lower Upper

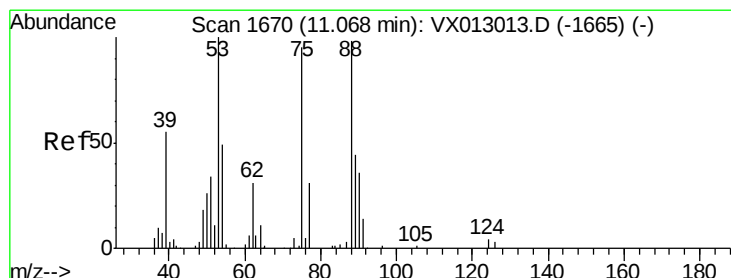
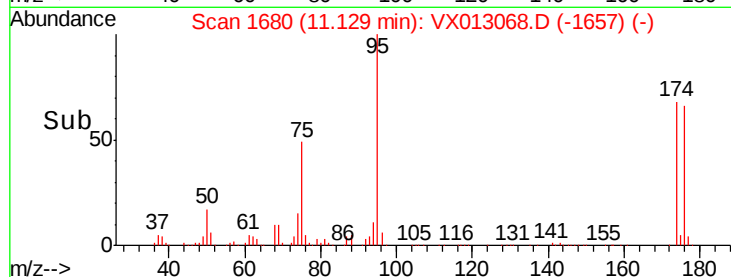
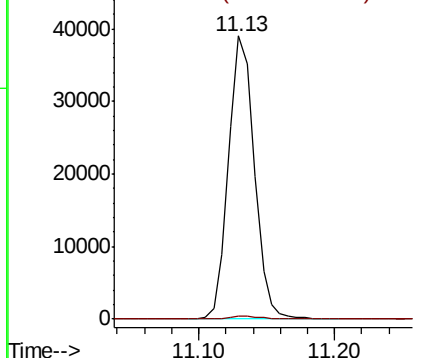
75 100

77 1.2 22.9 68.8#



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: 69.891 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013068.D

Acq: 15 Oct 2019 11:11

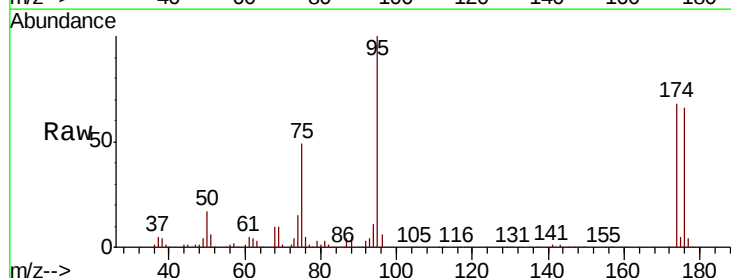
Tgt Ion: 75 Resp: 51770

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#



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

