

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022620\
 Data File : VX015017.D
 Acq On : 26 Feb 2020 13:51
 Operator : JC/SP
 Sample : L1683-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20200225

Quant Time: Feb 26 14:32:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	420071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	658724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	235642	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.49	113	201033	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	796086	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	293965	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

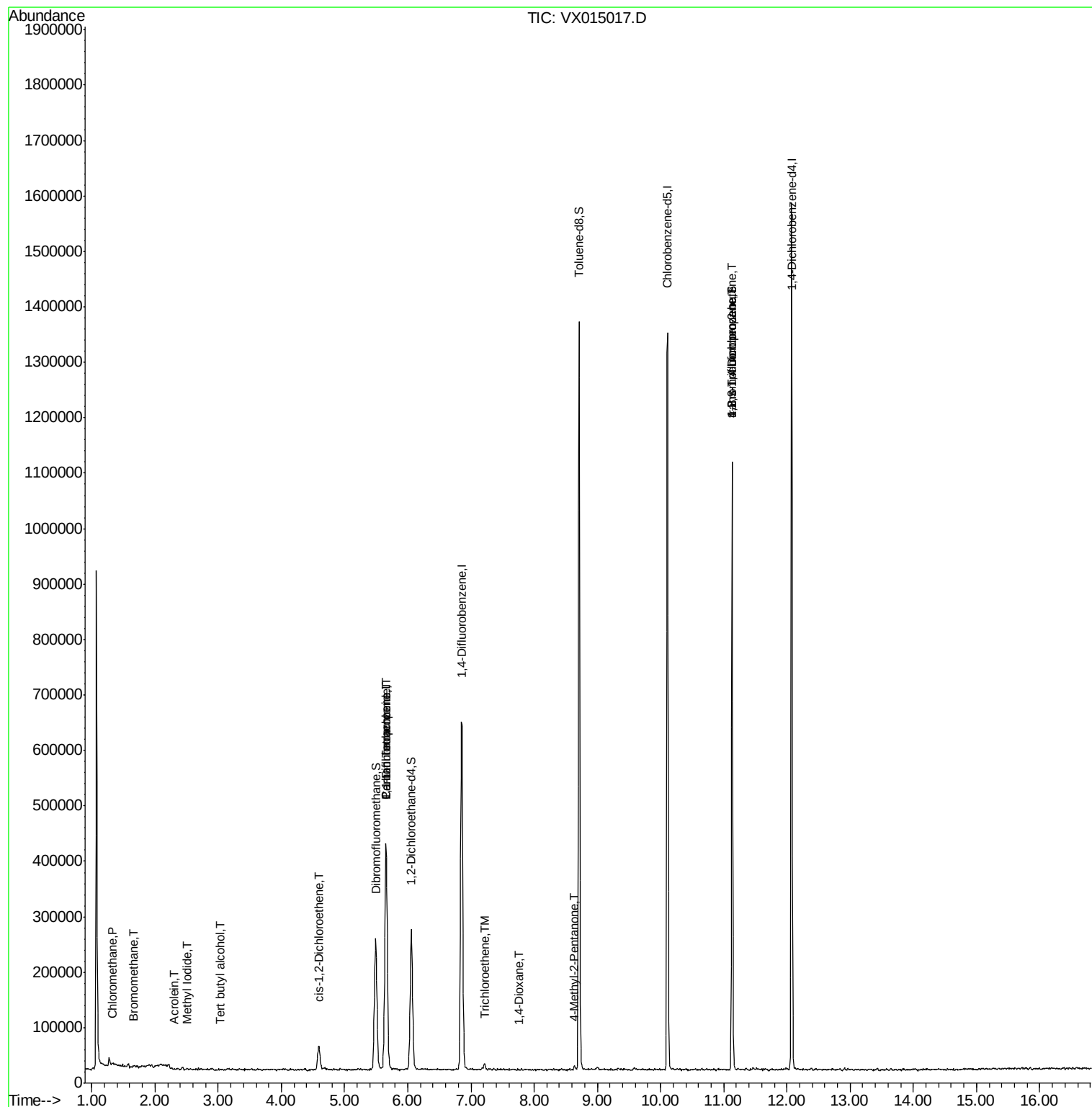
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1248	0.28	ug/l	95
5) Bromomethane	1.66	94	1221	0.39	ug/l	83
10) Methyl Iodide	2.52	142	270	4.42	ug/l #	11
11) Tert butyl alcohol	3.02	59	306	0.37	ug/l #	1
13) Acrolein	2.29	56	906	1.42	ug/l #	1
16) Acetone	2.43	43	6176	Below Cal	#	84
27) cis-1,2-Dichloroethene	4.59	96	30132	6.34	ug/l	85
36) 1,1-Dichloropropene	5.65	75	29284	4.97	ug/l #	52
38) Carbon Tetrachloride	5.65	117	36019	6.27	ug/l #	16
44) Trichloroethene	7.21	130	5637	1.10	ug/l	90
49) 1,4-Dioxane	7.76	88	192	2.06	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	5953	0.97	ug/l	90
76) 1,2,3-Trichloropropane	11.13	75	145390	24.32	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	145390	62.25	ug/l #	12

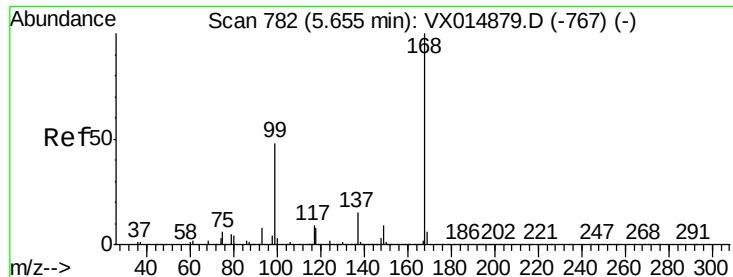
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX022620\
Data File : VX015017.D
Acq On : 26 Feb 2020 13:51
Operator : JC/SP
Sample : L1683-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20200225

Quant Time: Feb 26 14:32:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

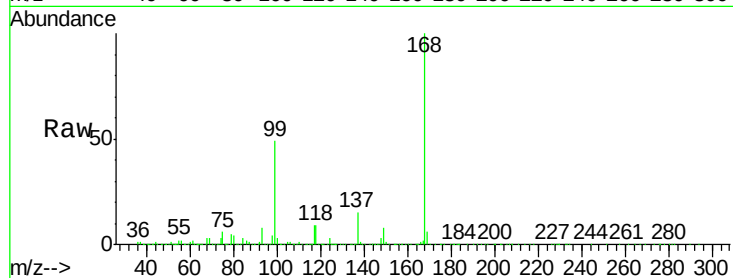
MH-125.9T-20200225

Tgt Ion:168 Resp: 420071

Ion Ratio Lower Upper

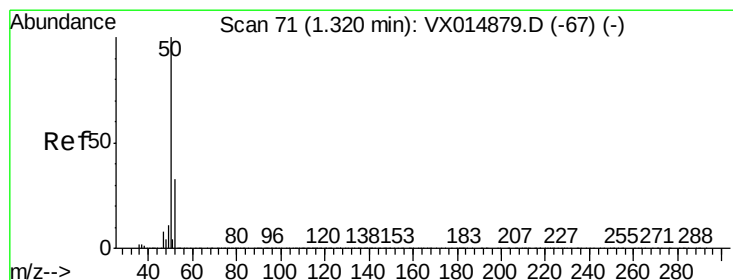
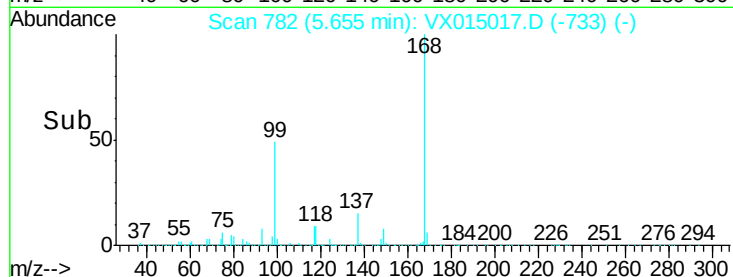
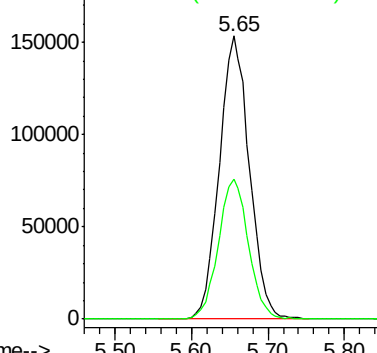
168 100

99 49.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015017.D

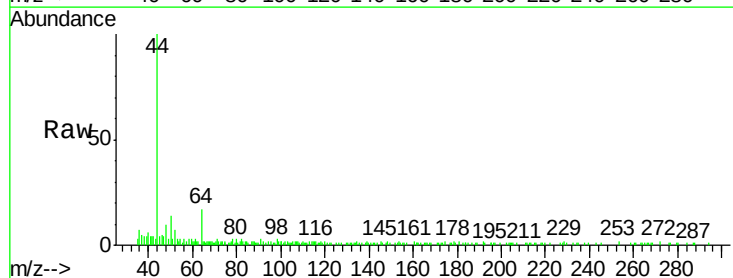
Acq: 26 Feb 2020 13:51

Tgt Ion: 50 Resp: 1248

Ion Ratio Lower Upper

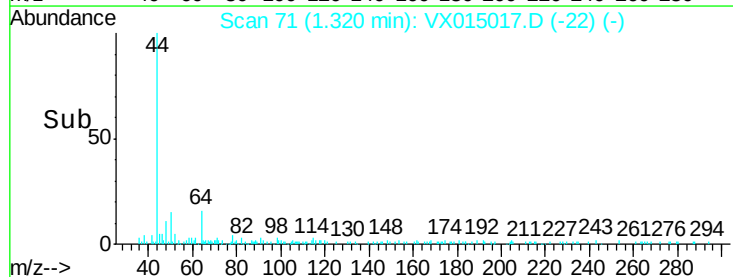
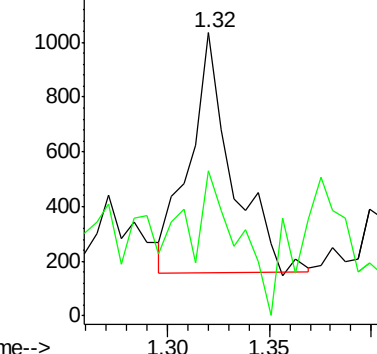
50 100

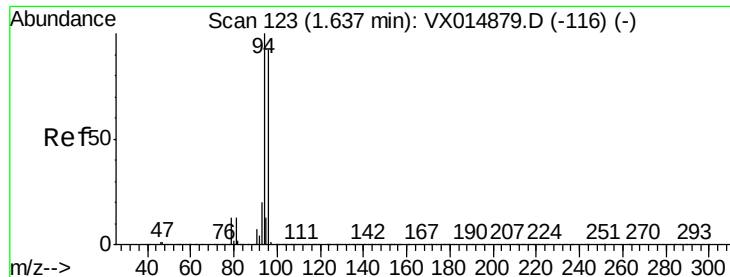
52 35.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.39 ug/l

RT: 1.66 min Scan# 127

Delta R.T. 0.02 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

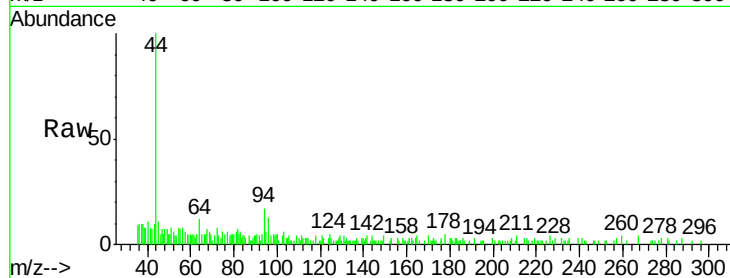
MH-125.9T-20200225

Tgt Ion: 94 Resp: 1221

Ion Ratio Lower Upper

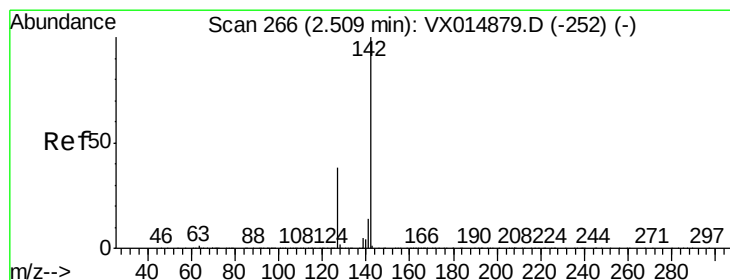
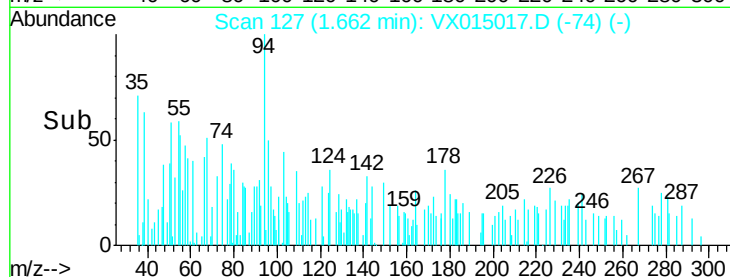
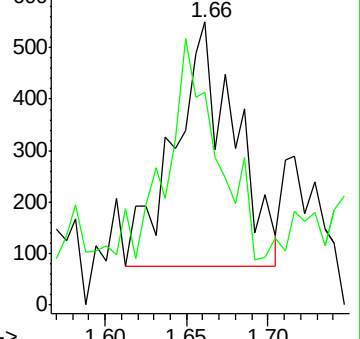
94 100

96 76.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.42 ug/l

RT: 2.52 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

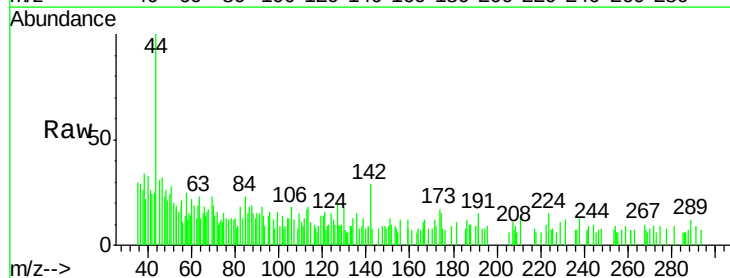
Tgt Ion: 142 Resp: 270

Ion Ratio Lower Upper

142 100

127 62.2 31.1 46.7#

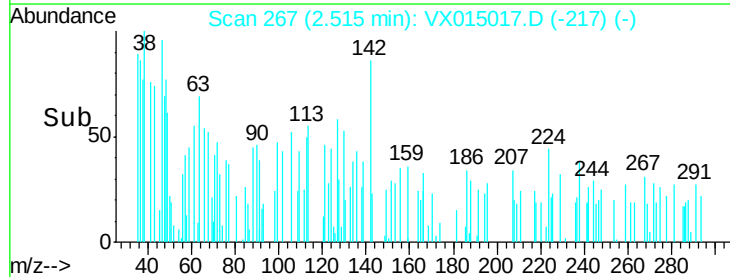
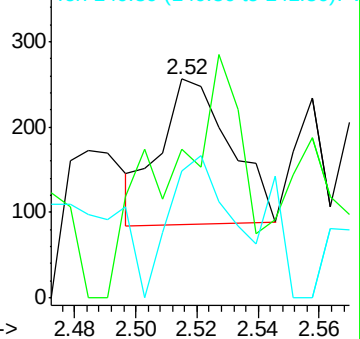
141 107.8 11.3 16.9#

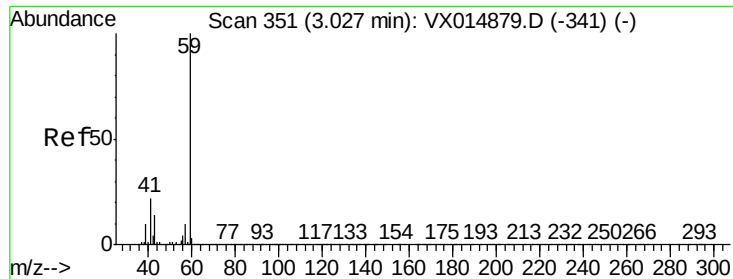


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

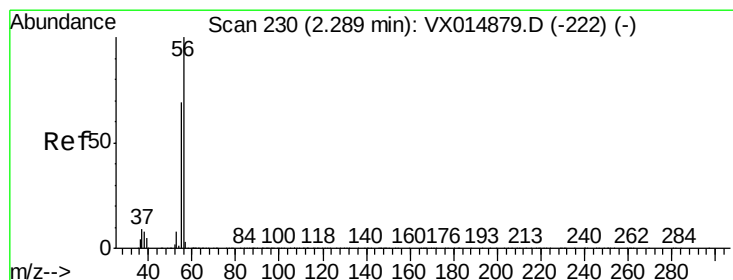
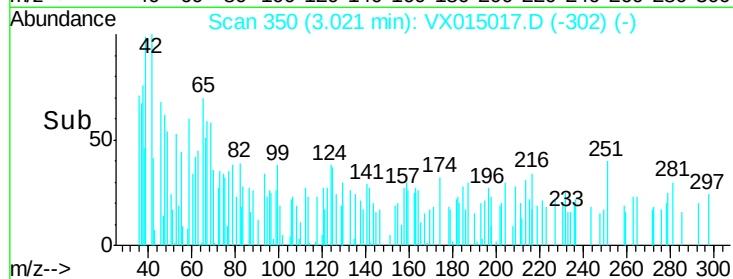
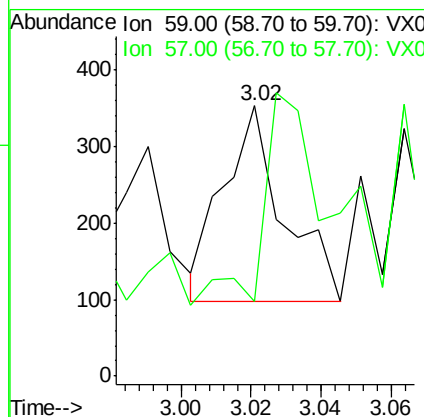
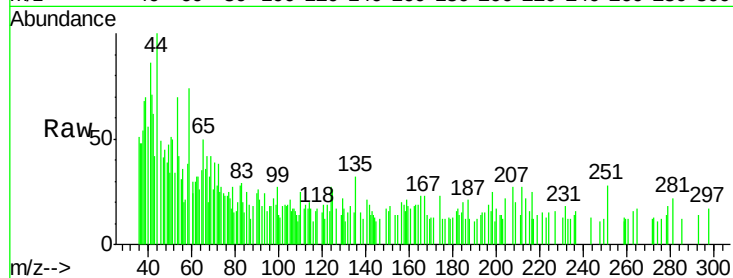




#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015017.D
Acq: 26 Feb 2020 13:51

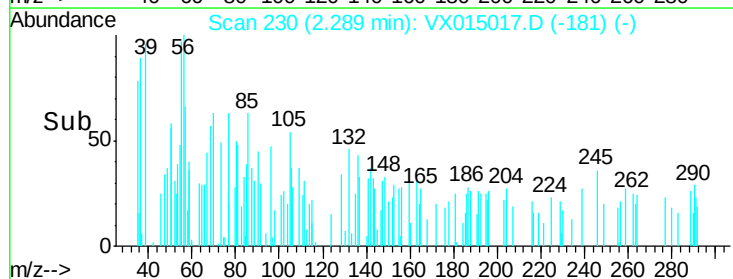
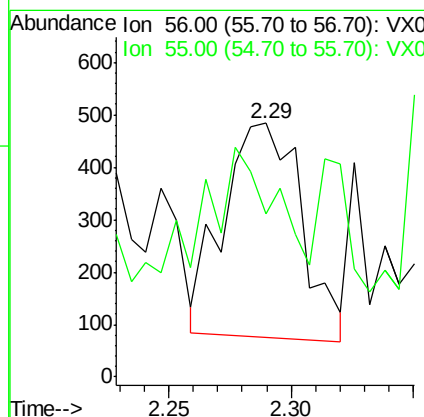
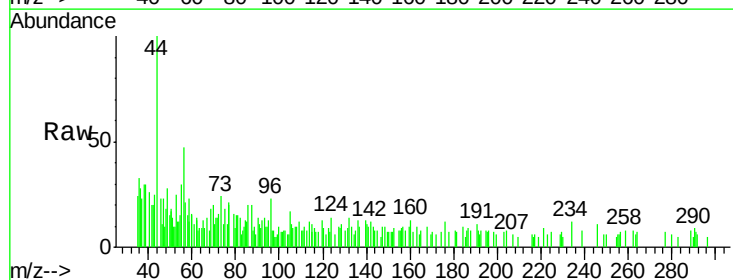
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20200225

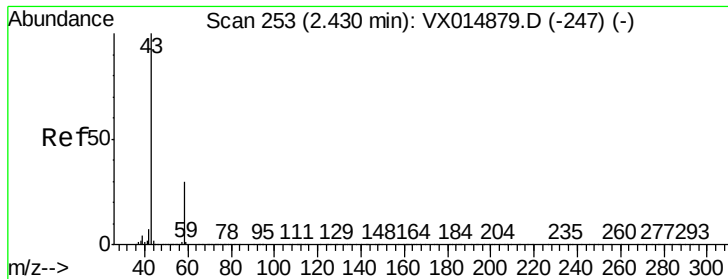
Tgt Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 104.2 8.2 12.4#



#13
Acrolein
Concen: 1.42 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX015017.D
Acq: 26 Feb 2020 13:51

Tgt Ion: 56 Resp: 906
Ion Ratio Lower Upper
56 100
55 162.1 55.0 82.4#





#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

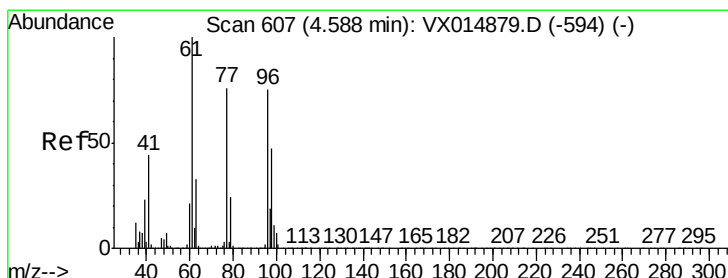
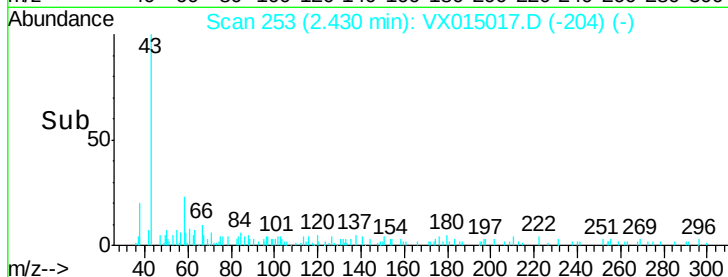
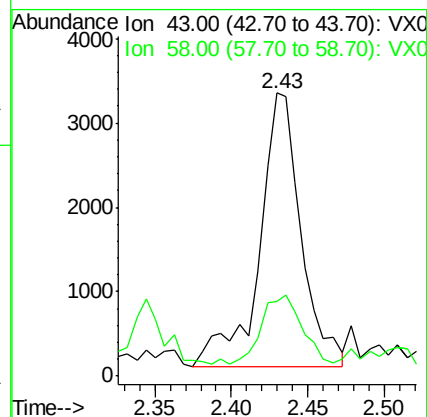
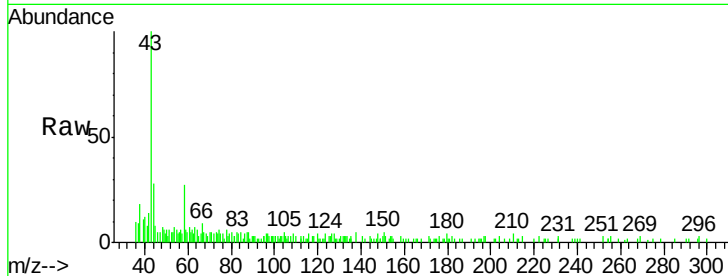
MH-125.9T-20200225

Tgt Ion: 43 Resp: 6176

Ion Ratio Lower Upper

43 100

58 21.6 24.1 36.1#



#27

cis-1,2-Dichloroethene

Concen: 6.34 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

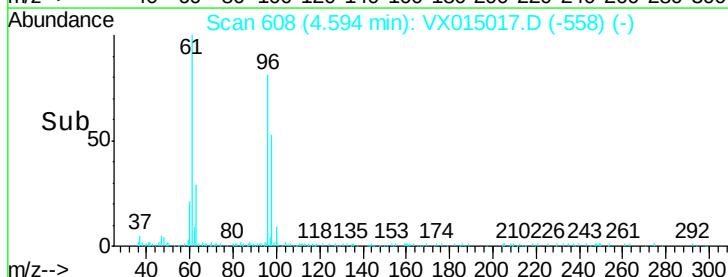
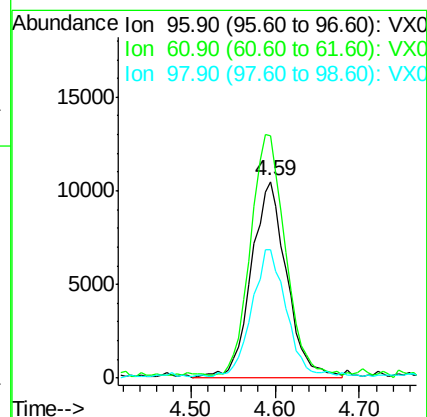
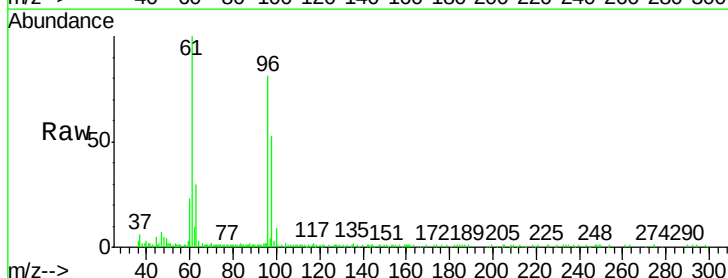
Tgt Ion: 96 Resp: 30132

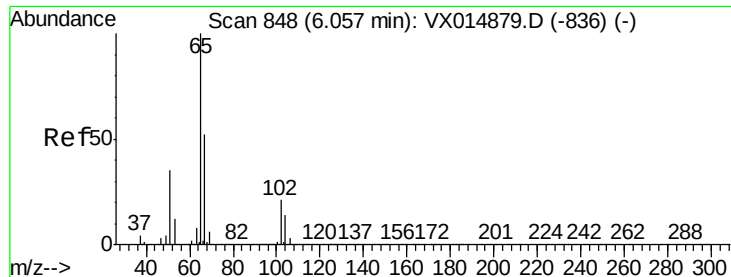
Ion Ratio Lower Upper

96 100

61 119.8 0.0 286.2

98 61.5 0.0 131.0

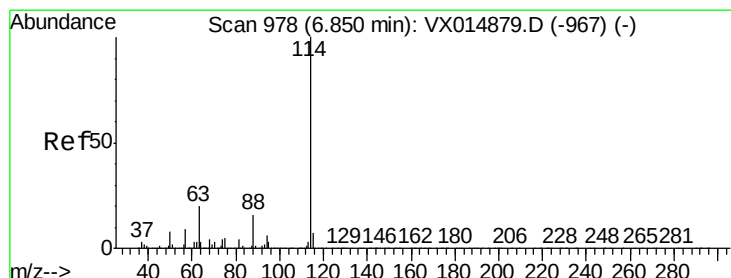
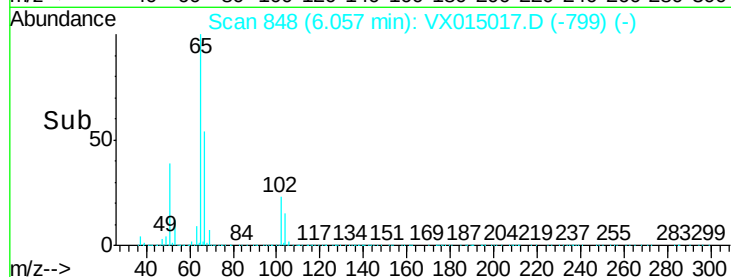
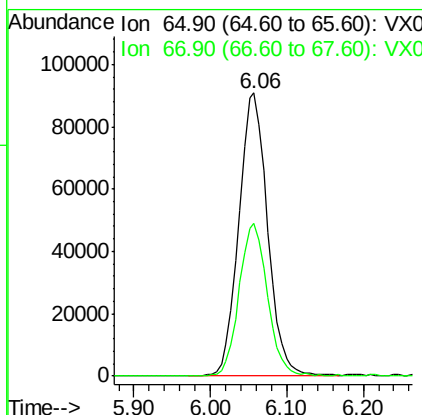
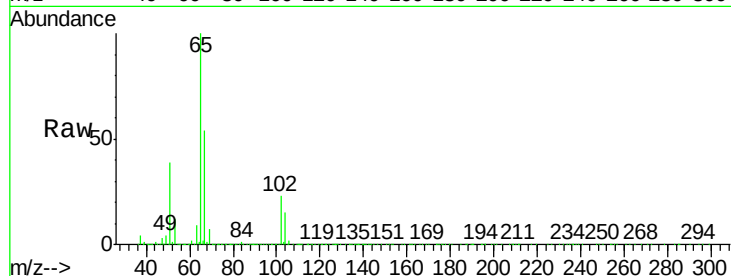




#33
 1,2-Dichloroethane-d4
 Concen: 49.70 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015017.D
 Acq: 26 Feb 2020 13:51

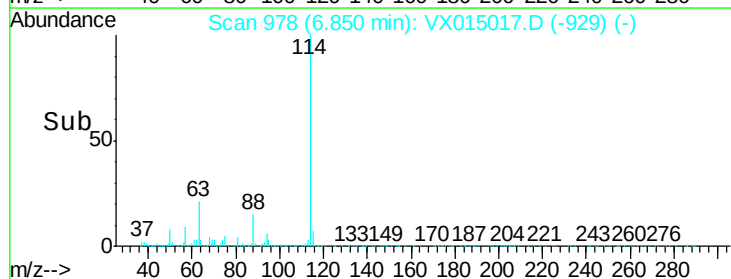
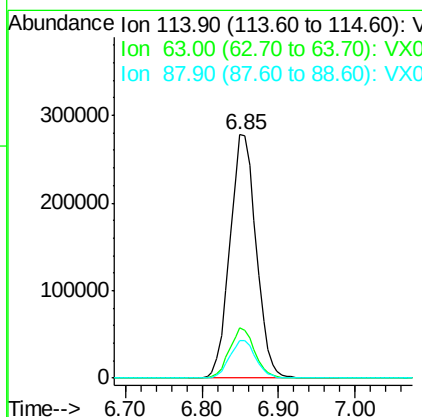
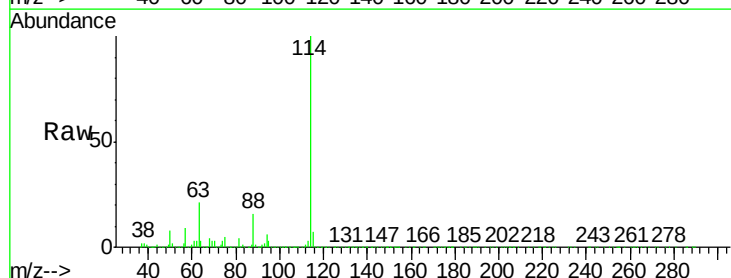
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20200225

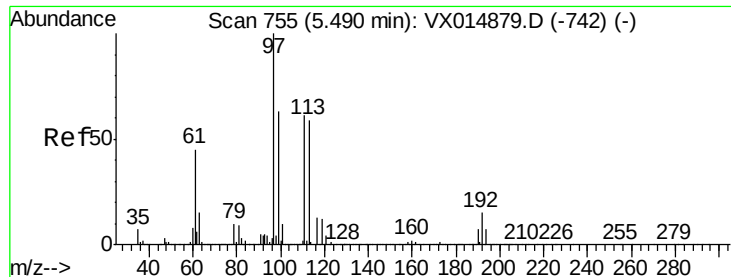
Tgt Ion: 65 Resp: 235642
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015017.D
 Acq: 26 Feb 2020 13:51

Tgt Ion: 114 Resp: 658724
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.64 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

MH-125.9T-20200225

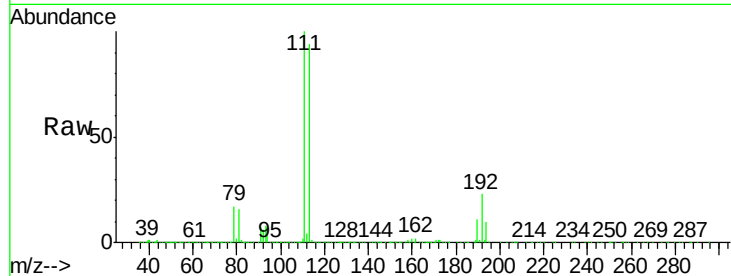
Tgt Ion: 113 Resp: 201033

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

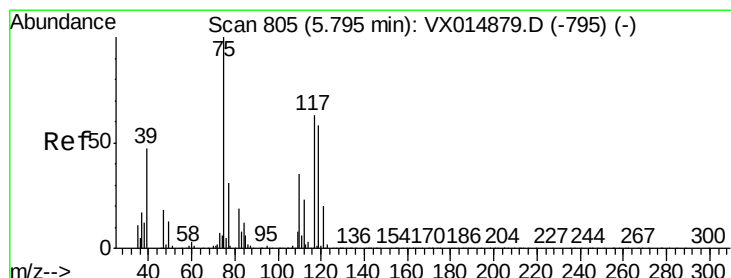
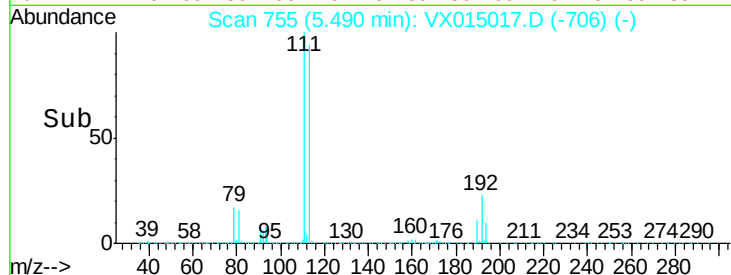
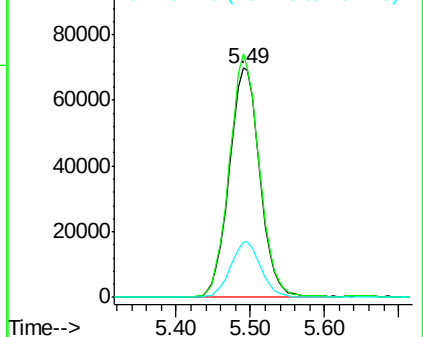
192 23.8 19.1 28.7



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: 4.97 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.15 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

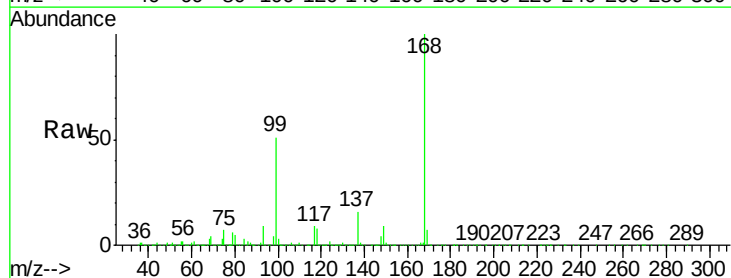
Tgt Ion: 75 Resp: 29284

Ion Ratio Lower Upper

75 100

110 11.2 18.3 54.8#

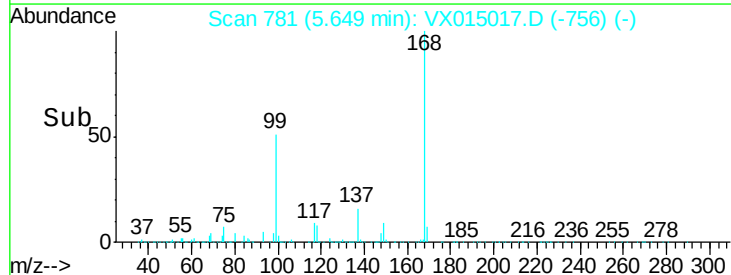
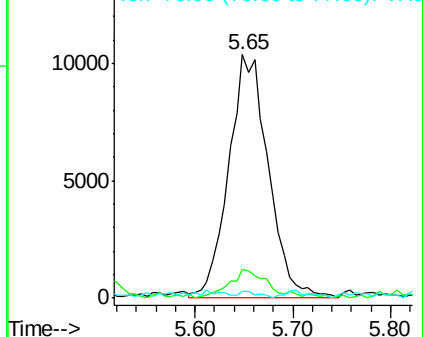
77 1.5 24.6 36.8#

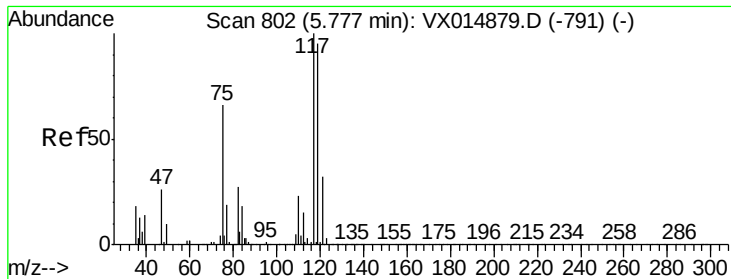


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.27 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

MH-125.9T-20200225

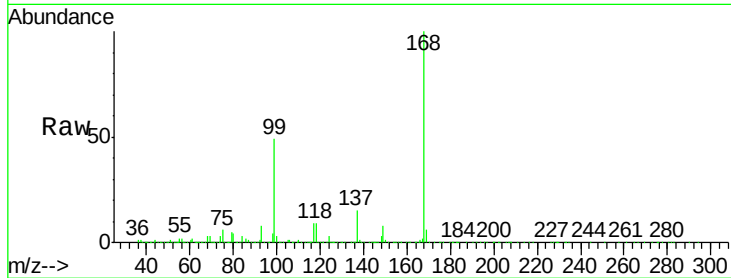
Tgt Ion:117 Resp: 36019

Ion Ratio Lower Upper

117 100

119 5.0 76.0 114.0#

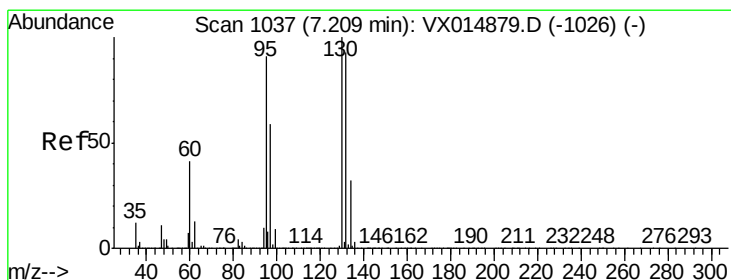
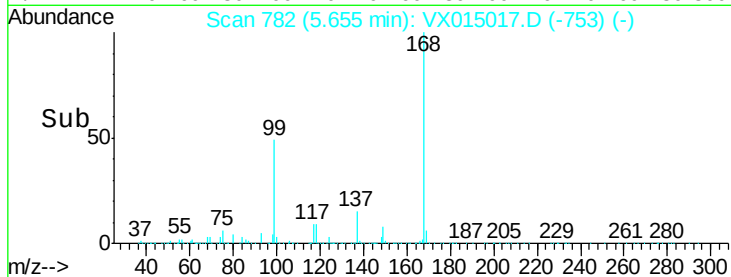
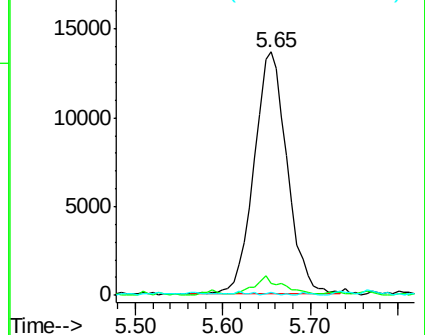
121 0.0 25.4 38.2#



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



#44

Trichloroethene

Concen: 1.10 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015017.D

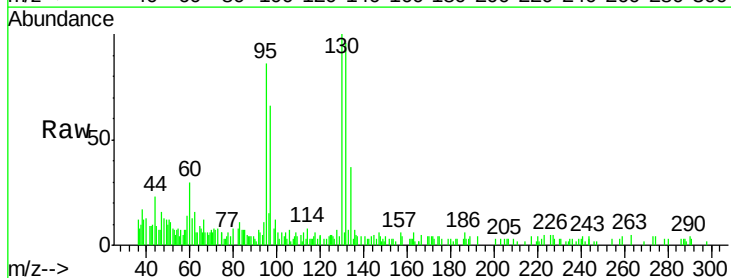
Acq: 26 Feb 2020 13:51

Tgt Ion:130 Resp: 5637

Ion Ratio Lower Upper

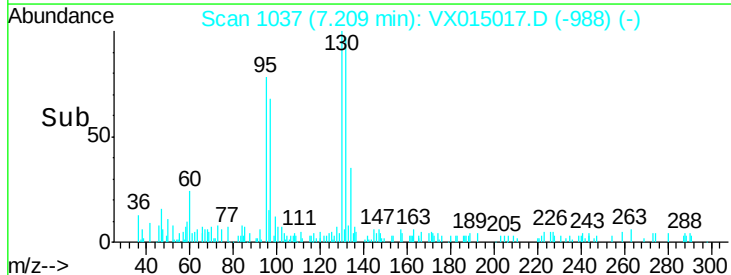
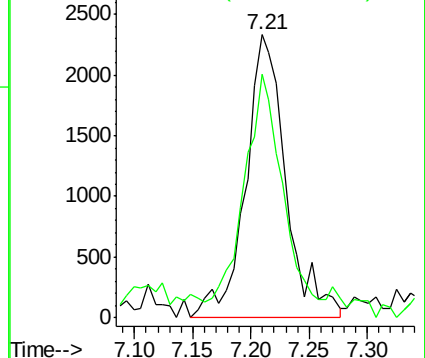
130 100

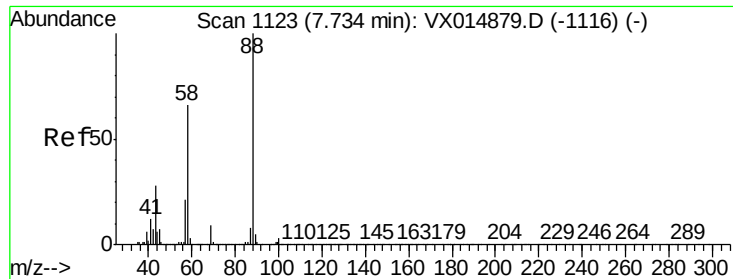
95 81.6 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 2.06 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

MH-125.9T-20200225

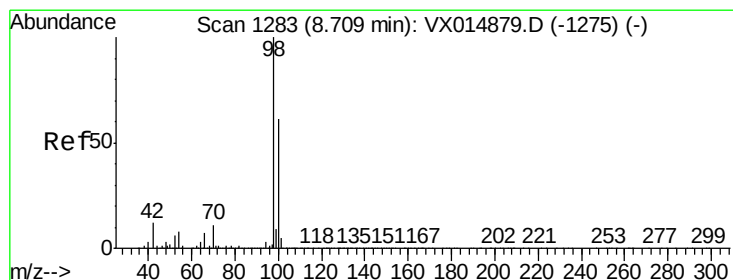
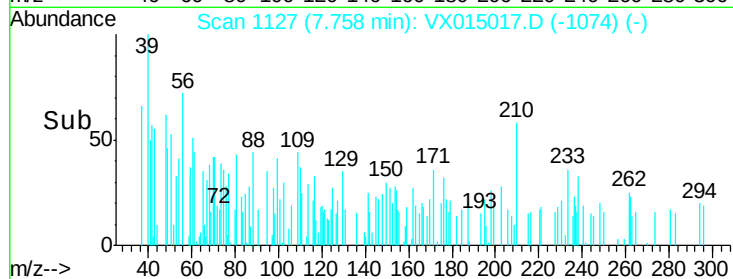
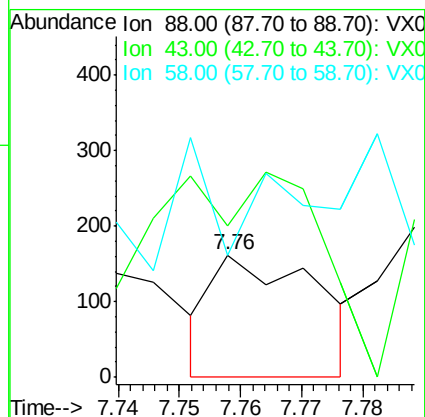
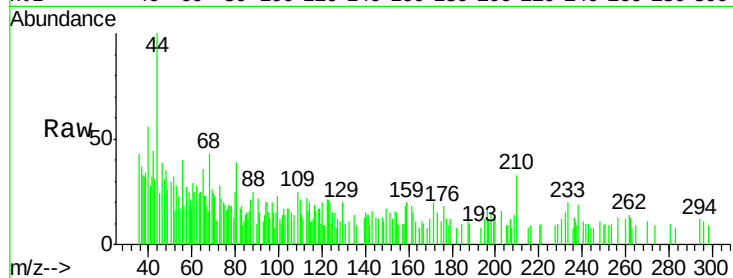
Tgt Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

43 252.1 27.0 40.4#

58 37.5 53.2 79.8#



#50

Toluene-d8

Concen: 51.50 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015017.D

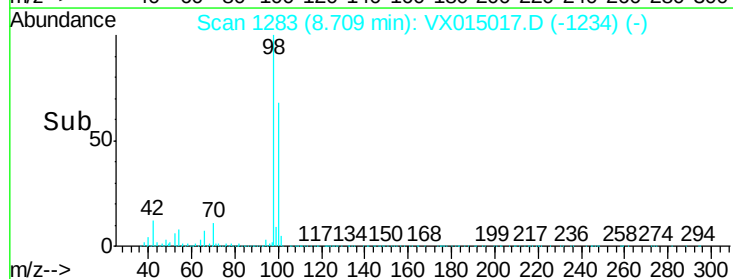
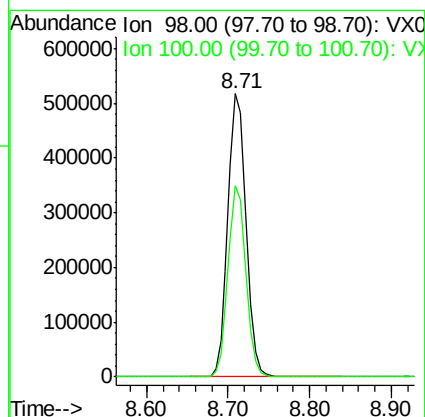
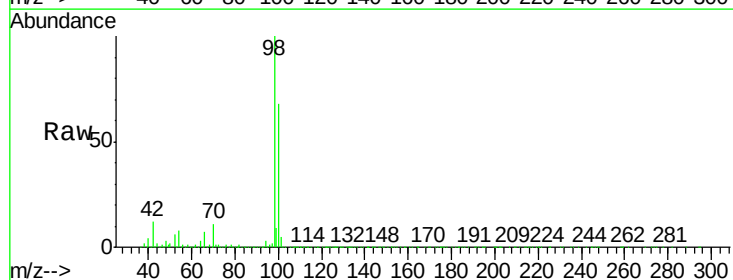
Acq: 26 Feb 2020 13:51

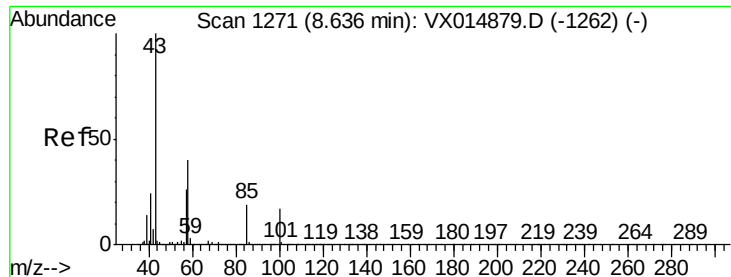
Tgt Ion: 98 Resp: 796086

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

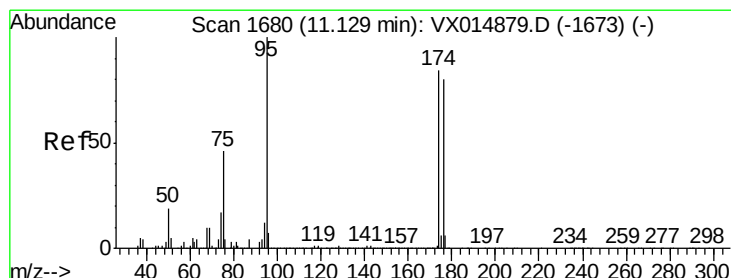
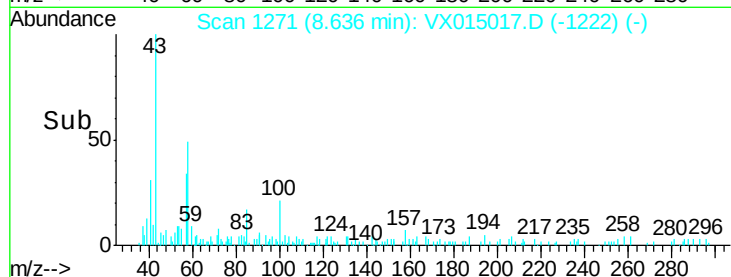
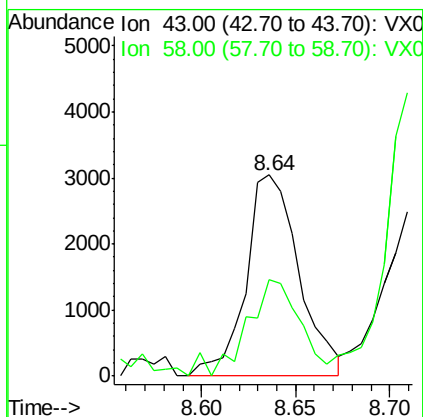
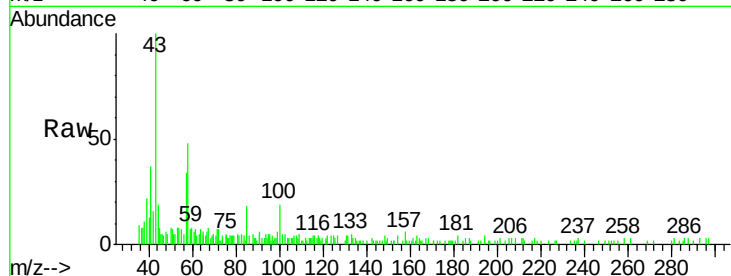




#51
 4-Methyl-2-Pentanone
 Concen: 0.97 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX015017.D
 Acq: 26 Feb 2020 13:51

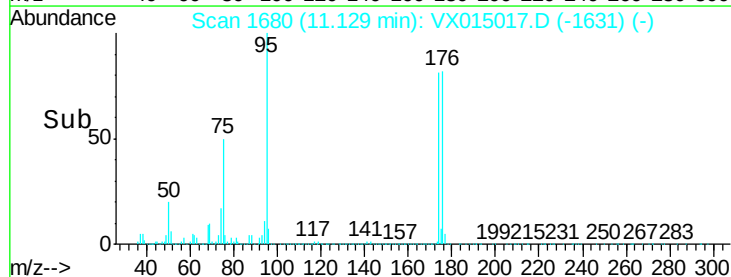
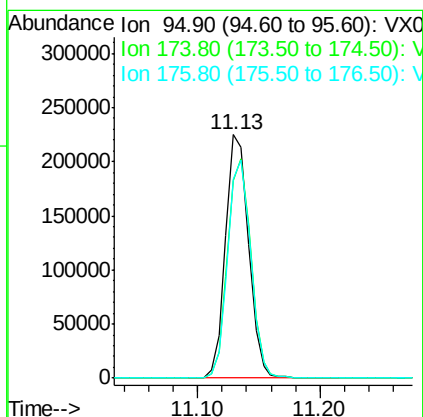
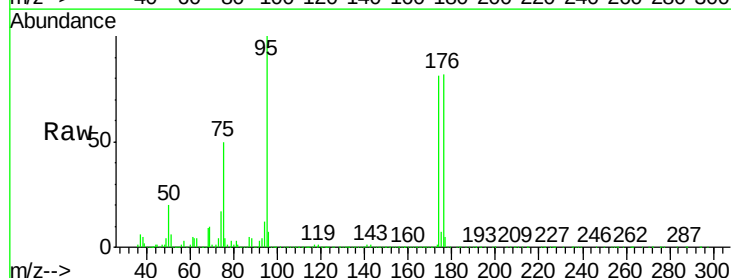
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20200225

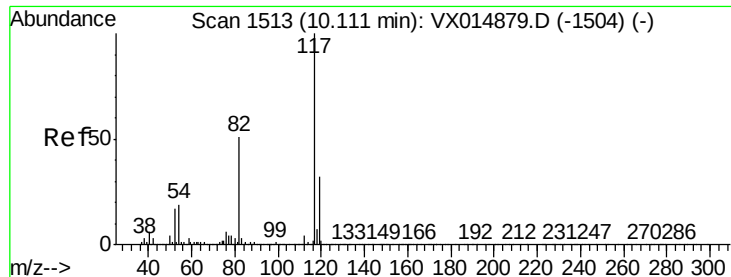
Tgt Ion: 43 Resp: 5953
 Ion Ratio Lower Upper
 43 100
 58 46.3 31.9 47.9



#62
 4-Bromofluorobenzene
 Concen: 52.79 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015017.D
 Acq: 26 Feb 2020 13:51

Tgt Ion: 95 Resp: 293965
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 183.0
 176 89.2 0.0 178.0

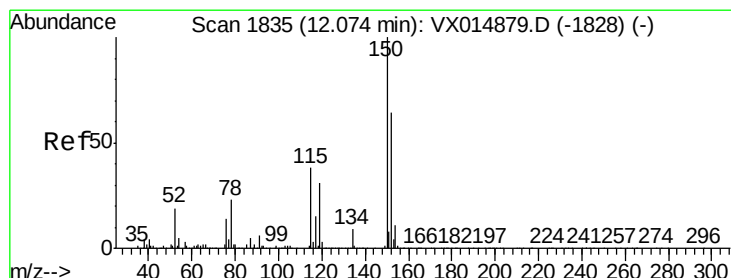
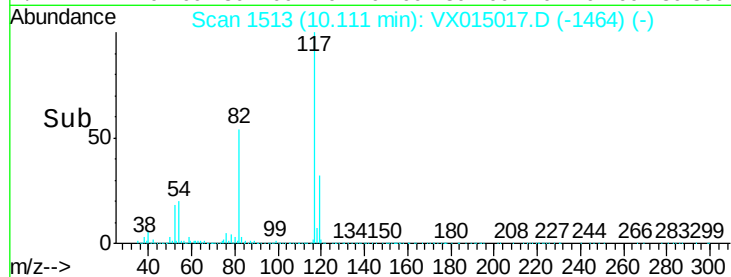
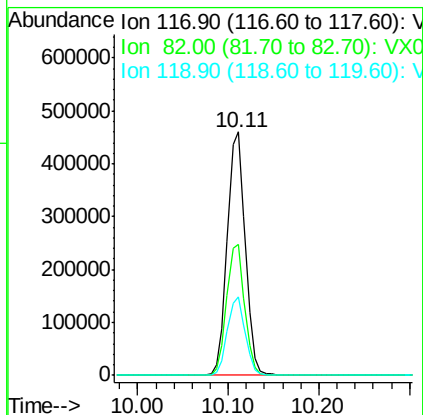
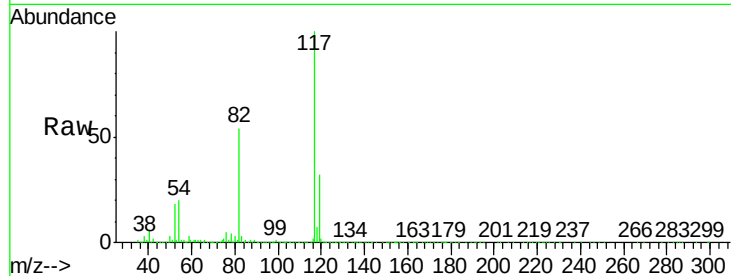




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015017.D
Acq: 26 Feb 2020 13:51

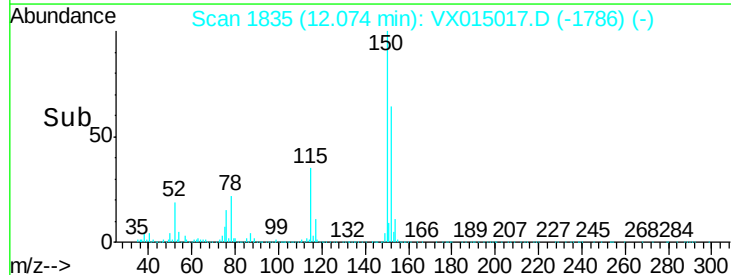
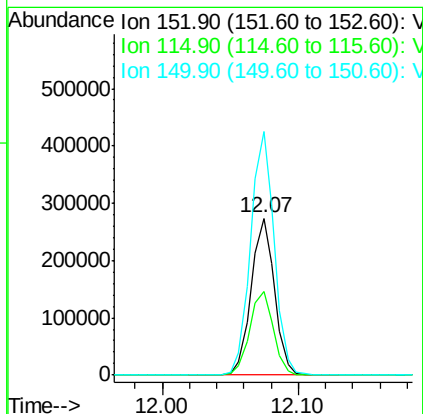
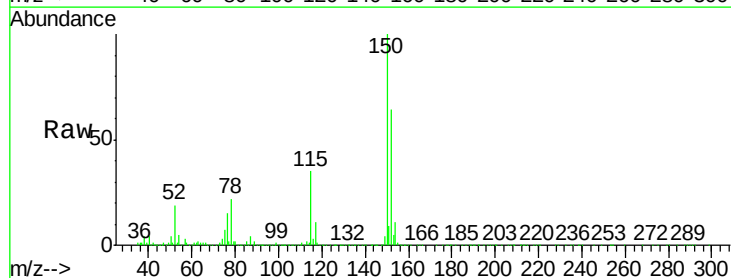
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20200225

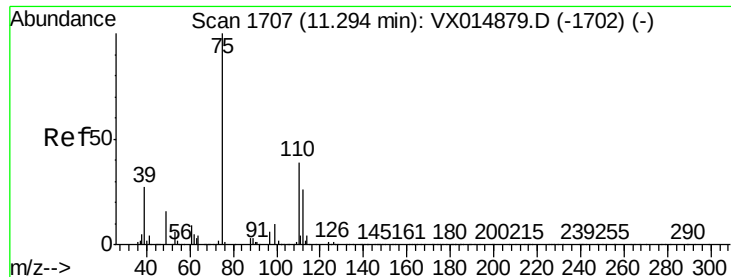
Tgt Ion:117 Resp: 633766
Ion Ratio Lower Upper
117 100
82 54.0 40.5 60.7
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015017.D
Acq: 26 Feb 2020 13:51

Tgt Ion:152 Resp: 330577
Ion Ratio Lower Upper
152 100
115 54.5 38.6 116.0
150 156.1 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 24.32 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

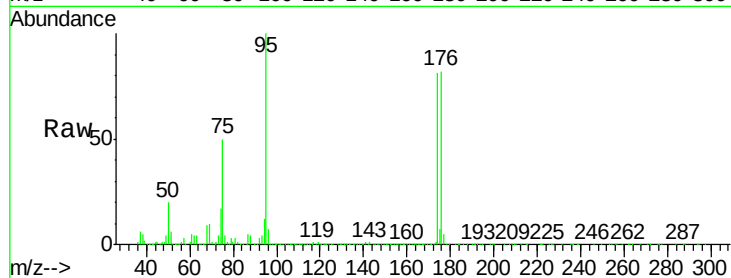
MH-125.9T-20200225

Tgt Ion: 75 Resp: 145390

Ion Ratio Lower Upper

75 100

77 1.3 18.4 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

120000

100000

80000

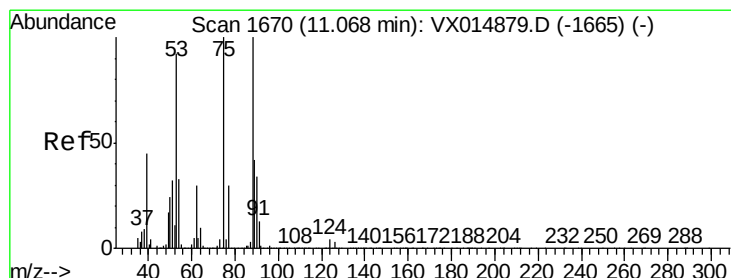
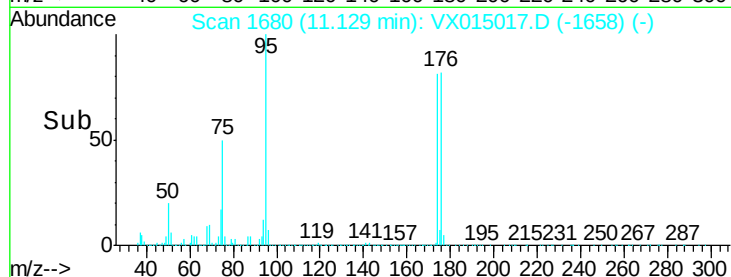
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 62.25 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015017.D

Acq: 26 Feb 2020 13:51

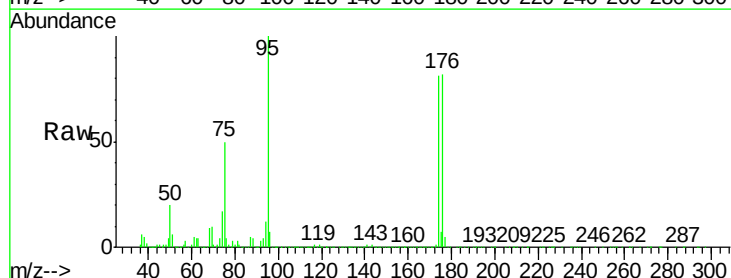
Tgt Ion: 75 Resp: 145390

Ion Ratio Lower Upper

75 100

53 0.2 76.2 114.2#

89 0.2 35.8 53.6#



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

150000

100000

50000

0

Time-->

