

Data File : VX001300.D

Acq On : 02 May 2018 02:06

Operator : JC/MD

Sample : PB108752TBZHE#09

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: May 02 06:04:50 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	168163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	103198	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	5.51	113	83946	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
50) Toluene-d8	8.72	98	311605	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
62) 4-Bromofluorobenzene	11.14	95	97270	35.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.96%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	645	Below Cal	#	77
10) Methyl Iodide	2.52	142	496	4.55	ug/l #	89
13) Acrolein	2.31	56	159	0.69	ug/l #	79
16) Acetone	2.45	43	8663	8.72	ug/l	100
18) Methyl Acetate	2.78	43	16730	7.13	ug/l	98
20) Methylene Chloride	2.86	84	3448	0.34	ug/l	92
25) 2-Butanone	4.72	43	1911	1.42	ug/l	94
29) Tetrahydrofuran	5.17	42	254	0.31	ug/l #	52
31) Cyclohexane	5.67	56	2931	1.02	ug/l #	12
36) 1,1-Dichloropropene	5.67	75	9732	3.79	ug/l #	51
38) Carbon Tetrachloride	5.67	117	14260	5.30	ug/l #	18
51) 4-Methyl-2-Pentanone	8.66	43	619	0.23	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	51224	26.06	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	51224	81.81	ug/l #	6

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

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Instrument :

MSVOA_X

ClientSampleId :

BFB

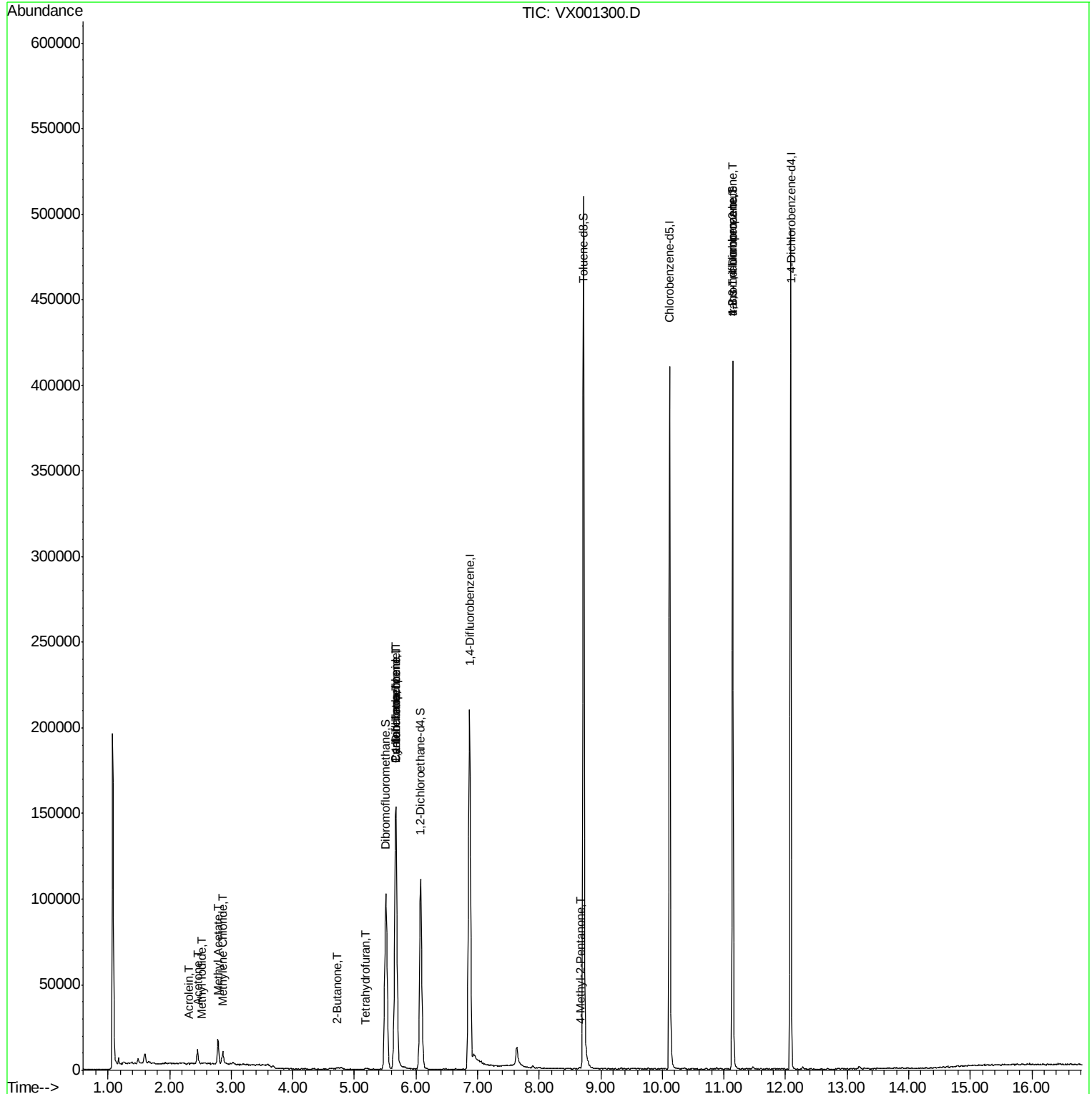
Quant Time: May 02 06:04:50 2018

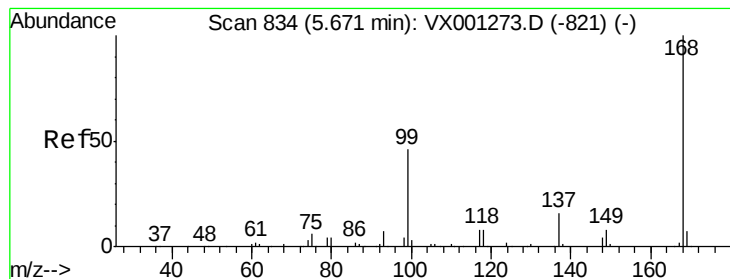
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

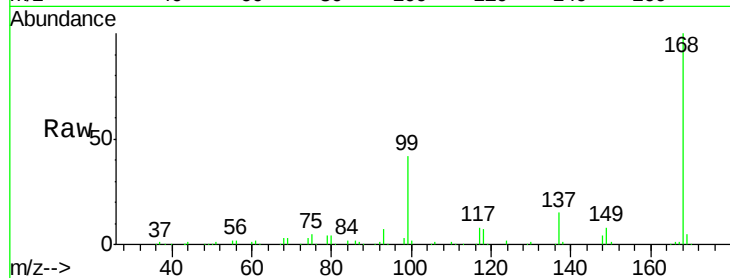
BFB

Tgt Ion:168 Resp: 168163

Ion Ratio Lower Upper

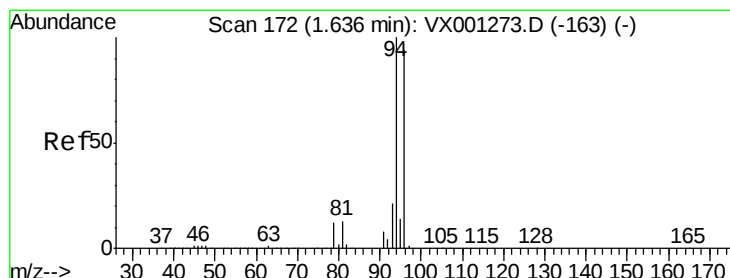
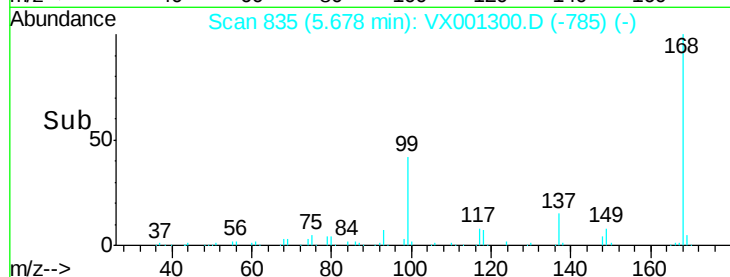
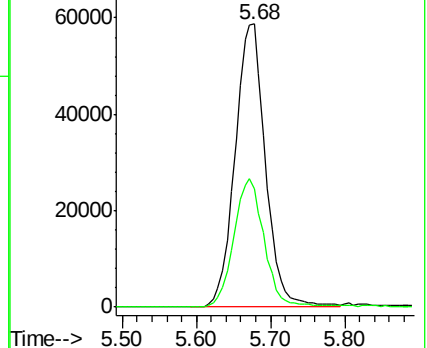
168 100

99 41.7 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001300.D

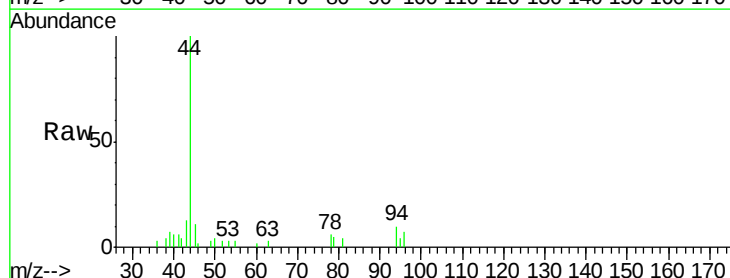
Acq: 02 May 2018 02:06

Tgt Ion: 94 Resp: 645

Ion Ratio Lower Upper

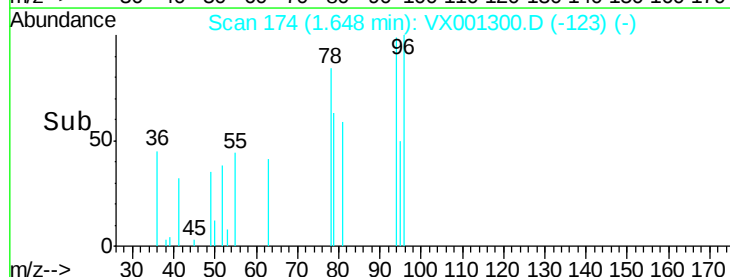
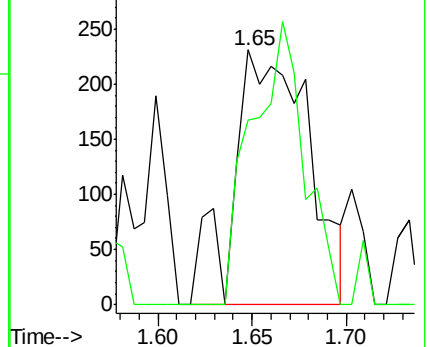
94 100

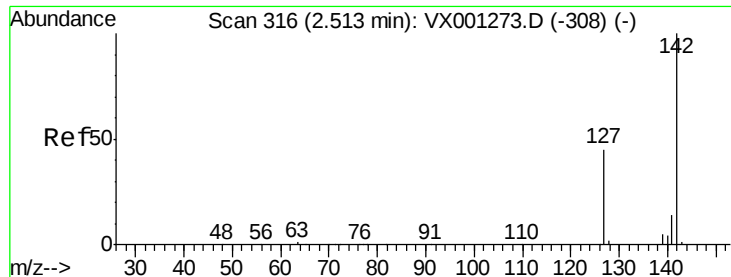
96 72.3 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

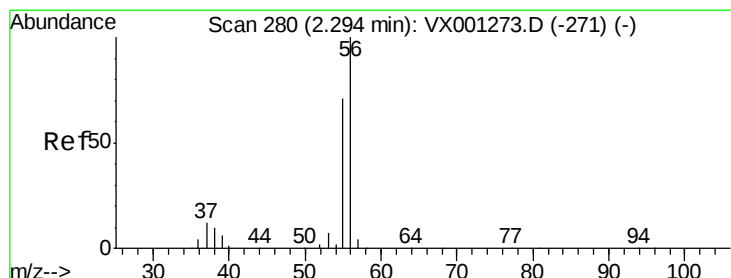
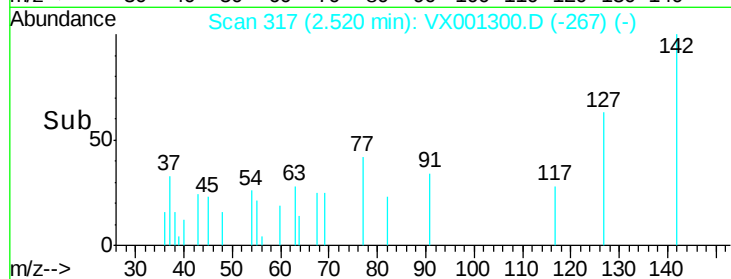
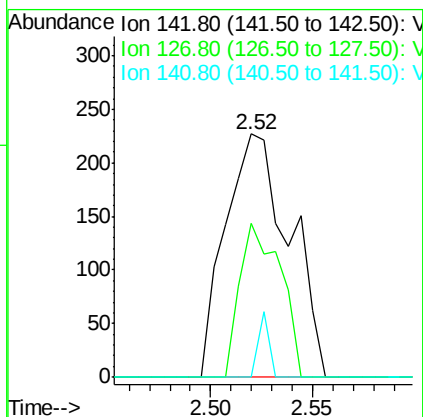
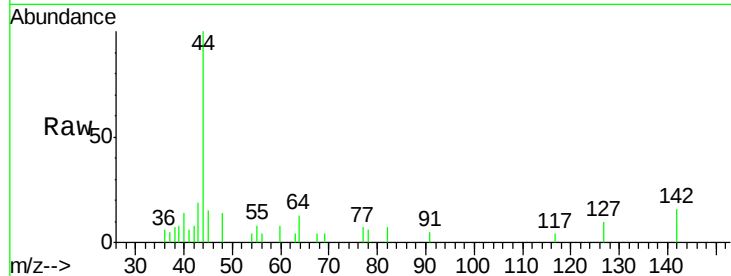




#10
Methyl Iodide
Concen: 4.55 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001300.D
Acq: 02 May 2018 02:06

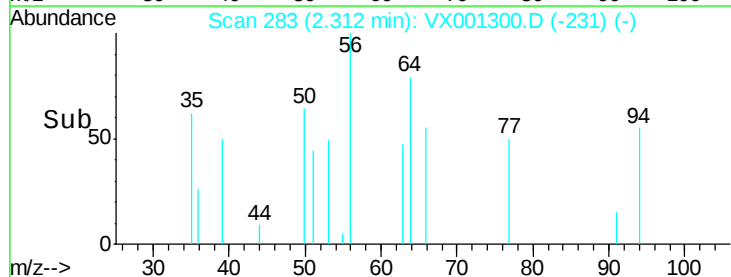
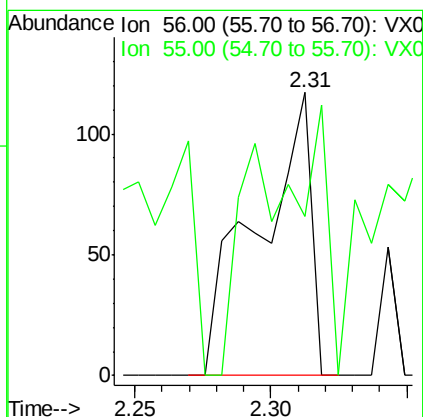
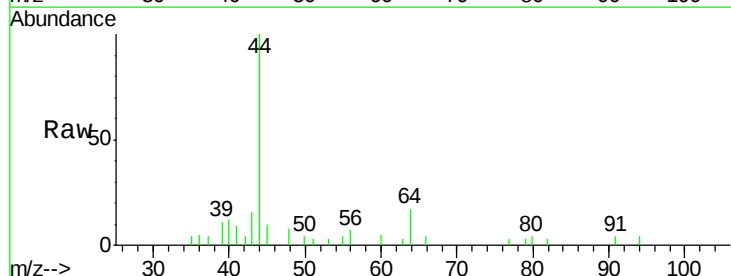
Instrument :
MSVOA_X
ClientSampled :
BFB

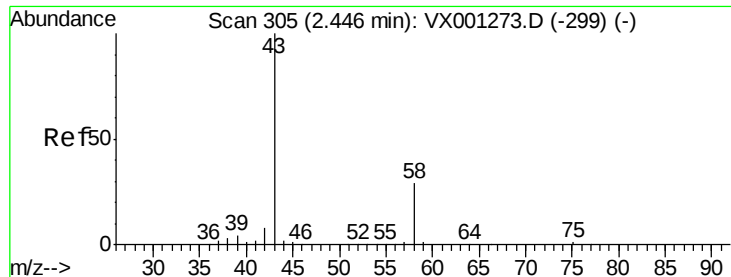
Tgt Ion: 142 Resp: 496
Ion Ratio Lower Upper
142 100
127 39.9 35.7 53.5
141 4.4 11.4 17.0#



#13
Acrolein
Concen: 0.69 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.02 min
Lab File: VX001300.D
Acq: 02 May 2018 02:06

Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 54.1 57.2 85.8#





#16

Acetone

Concen: 8.72 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

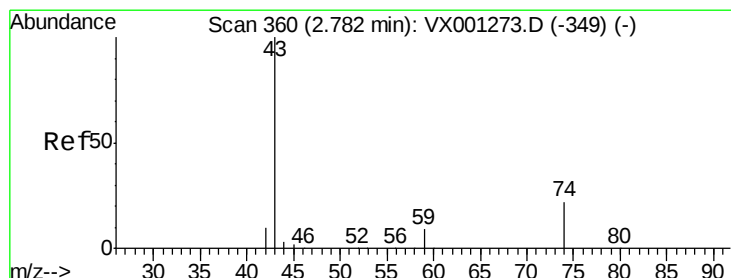
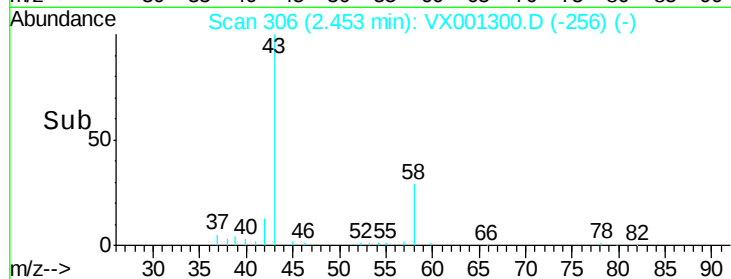
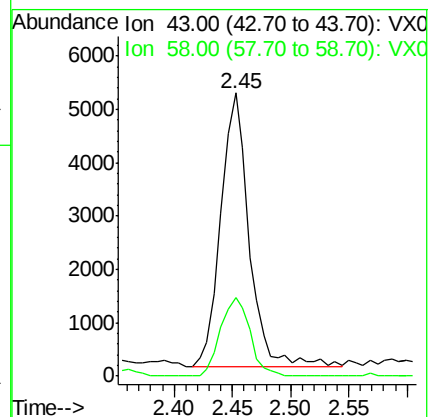
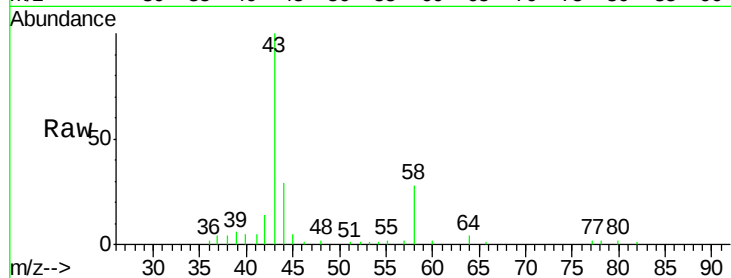
BFB

Tgt Ion: 43 Resp: 8663

Ion Ratio Lower Upper

43 100

58 28.5 22.8 34.2



#18

Methyl Acetate

Concen: 7.13 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001300.D

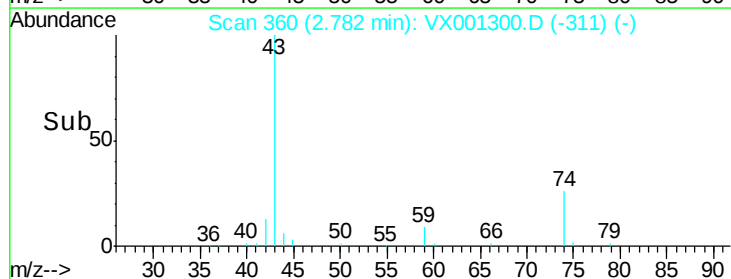
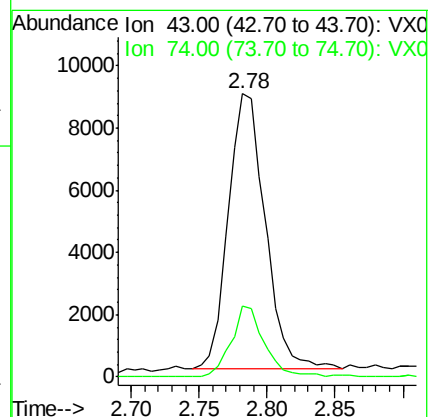
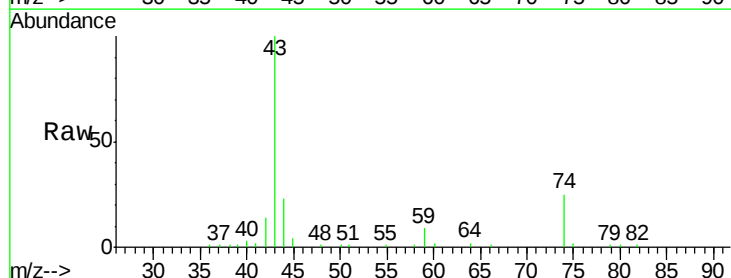
Acq: 02 May 2018 02:06

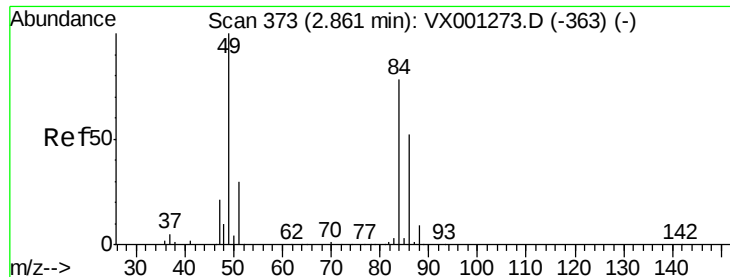
Tgt Ion: 43 Resp: 16730

Ion Ratio Lower Upper

43 100

74 23.0 17.8 26.6





#20

Methylene Chloride

Concen: 0.34 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

Instrument :

MSVOA_X

ClientSampled :

BFB

Tgt Ion: 84 Resp: 3448

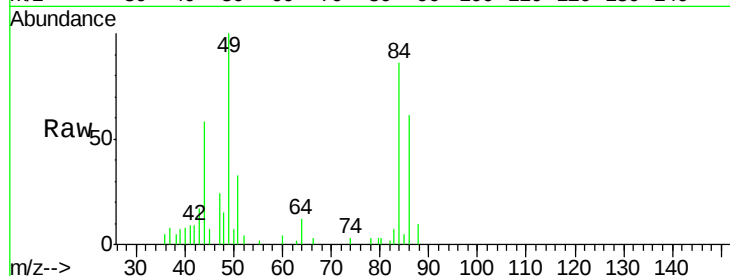
Ion Ratio Lower Upper

84 100

49 116.5 102.8 154.2

51 38.7 30.9 46.3

86 71.2 53.0 79.4

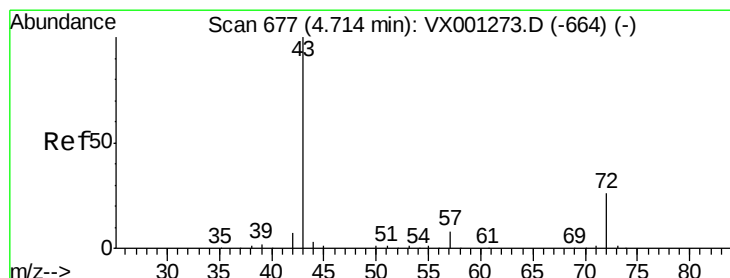
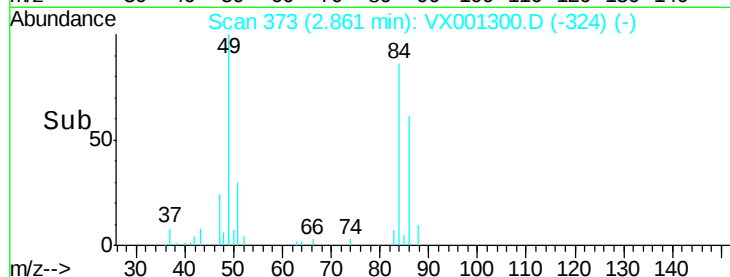
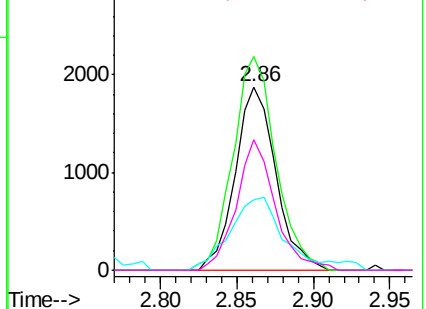


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 1.42 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001300.D

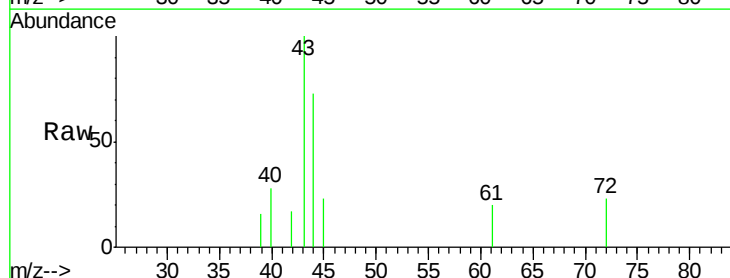
Acq: 02 May 2018 02:06

Tgt Ion: 43 Resp: 1911

Ion Ratio Lower Upper

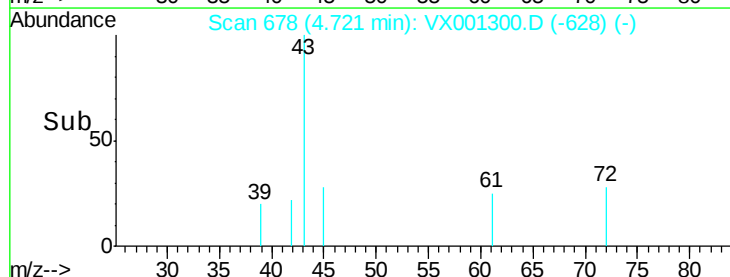
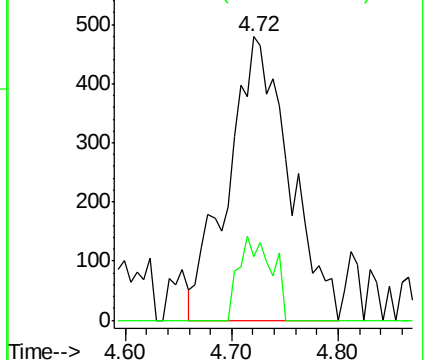
43 100

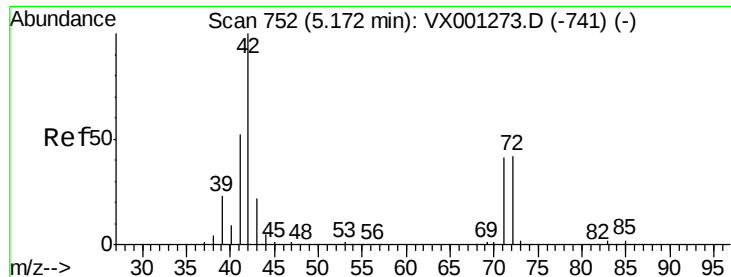
72 22.5 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

Instrument :

MSVOA_X

ClientSampled :

BFB

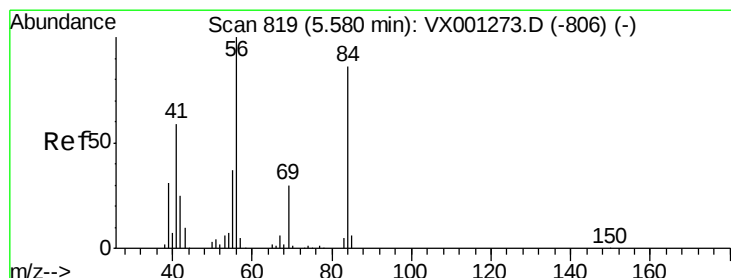
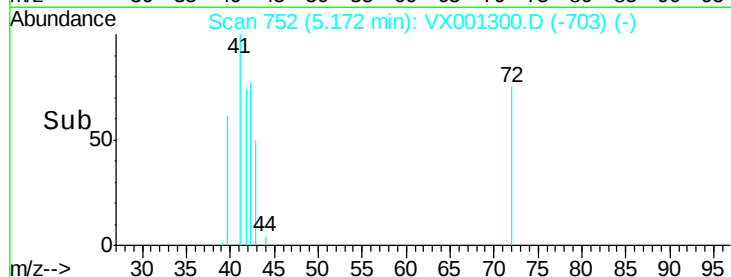
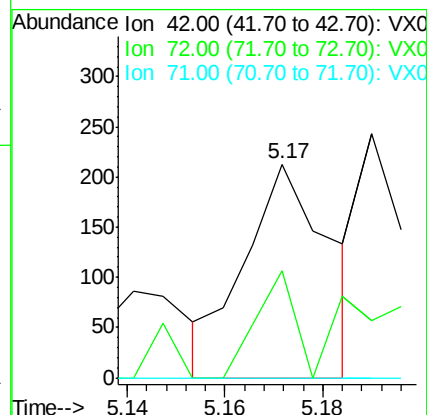
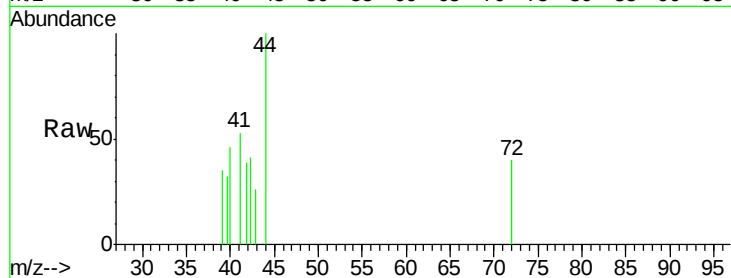
Tgt Ion: 42 Resp: 254

Ion Ratio Lower Upper

42 100

72 22.8 34.6 52.0#

71 0.0 32.7 49.1#



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

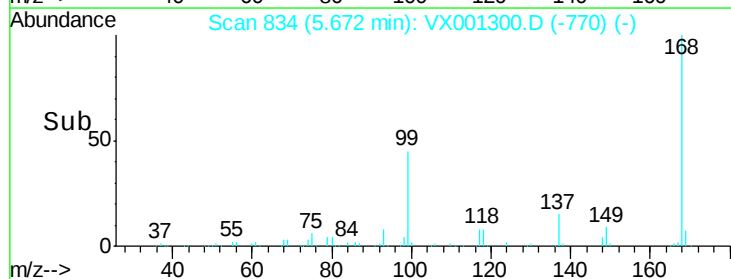
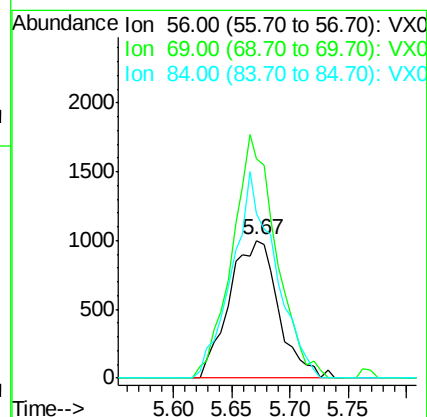
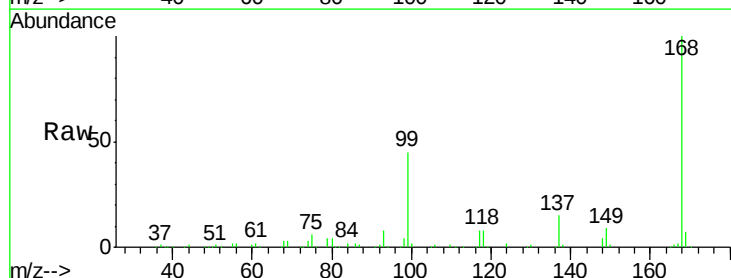
Tgt Ion: 56 Resp: 2931

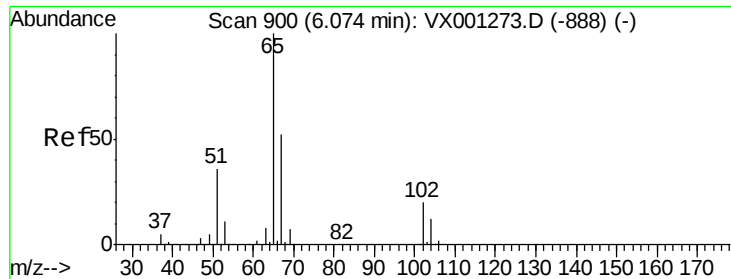
Ion Ratio Lower Upper

56 100

69 158.9 24.0 36.0#

84 119.1 69.0 103.4#

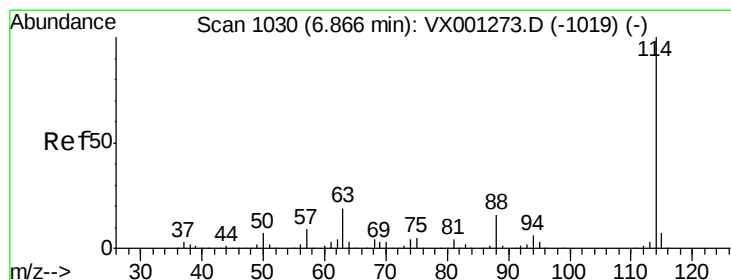
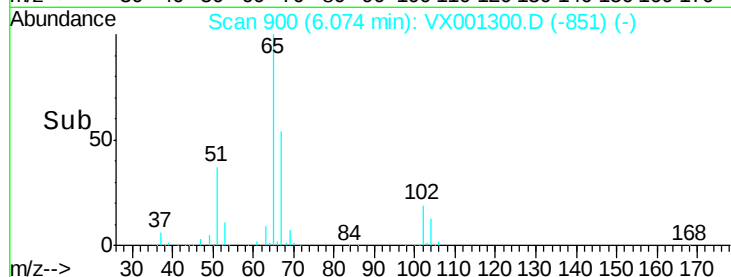
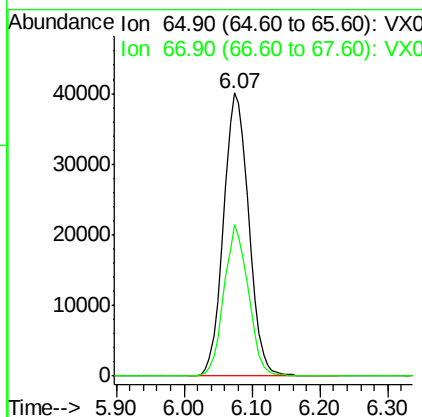
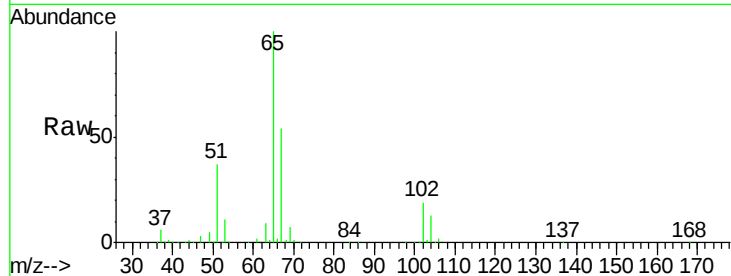




#33
 1,2-Dichloroethane-d4
 Concen: 44.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001300.D
 Acq: 02 May 2018 02:06

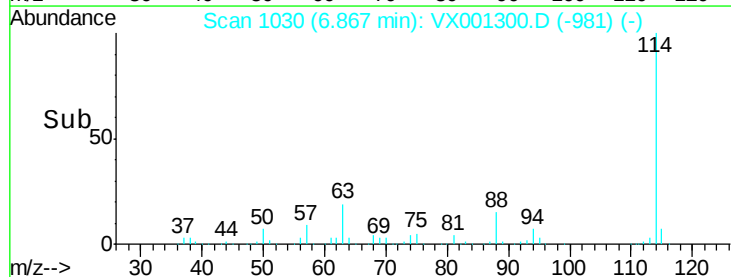
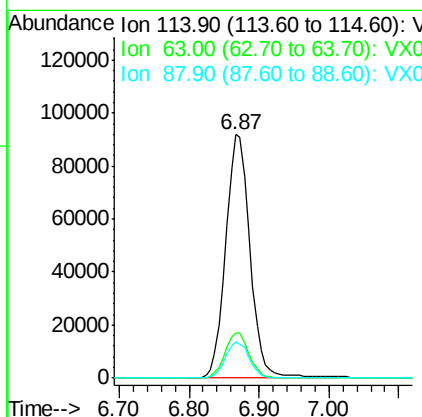
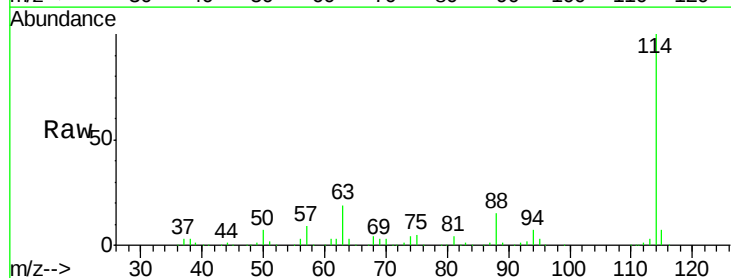
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

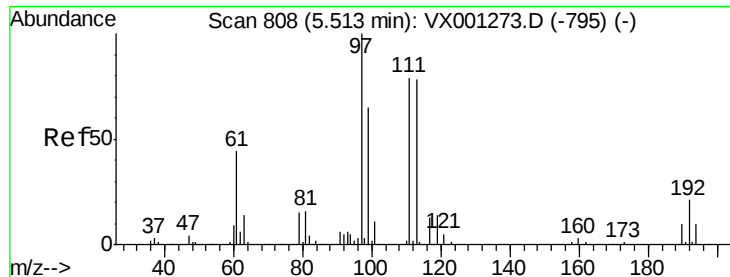
Tgt Ion: 65 Resp: 103198
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001300.D
 Acq: 02 May 2018 02:06

Tgt Ion: 114 Resp: 222694
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 43.75 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

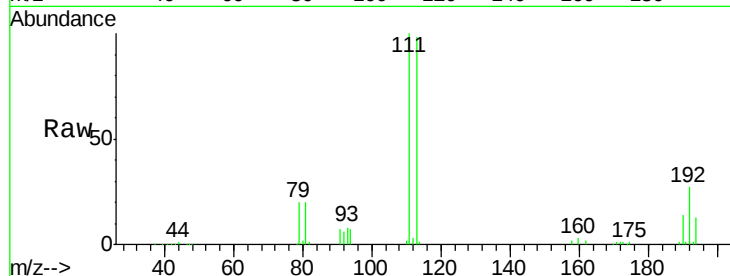
Tgt Ion:113 Resp: 83946

Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

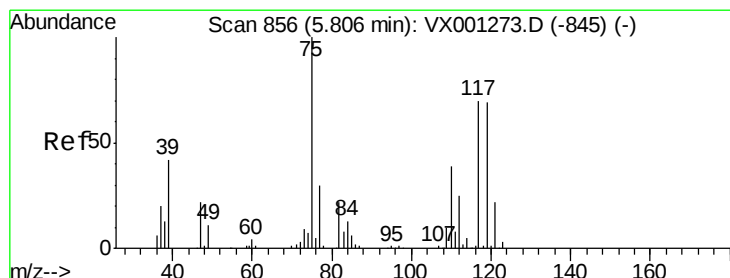
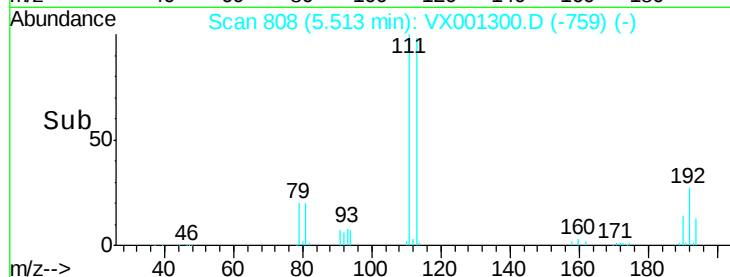
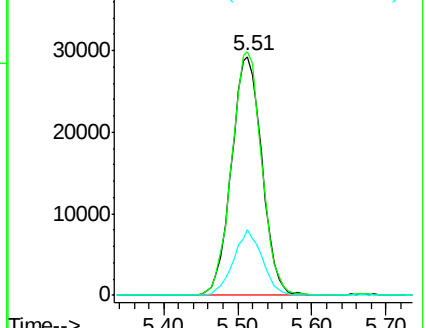
192 25.8 20.7 31.1



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: 3.79 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

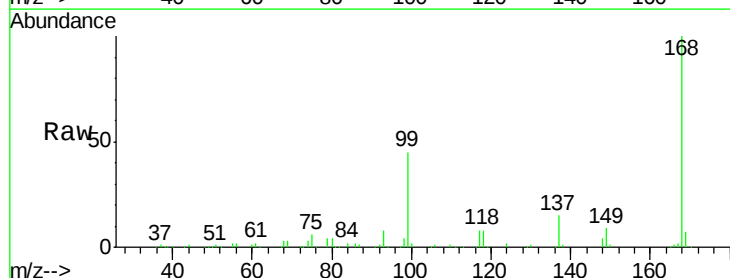
Tgt Ion: 75 Resp: 9732

Ion Ratio Lower Upper

75 100

110 11.2 18.9 56.9#

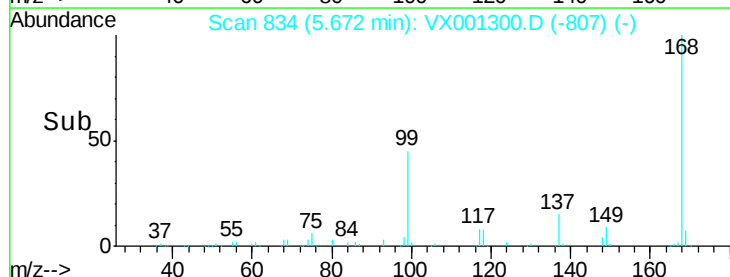
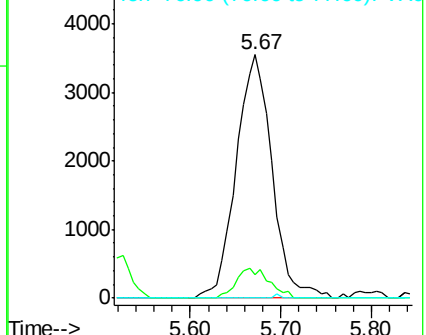
77 0.0 24.2 36.2#

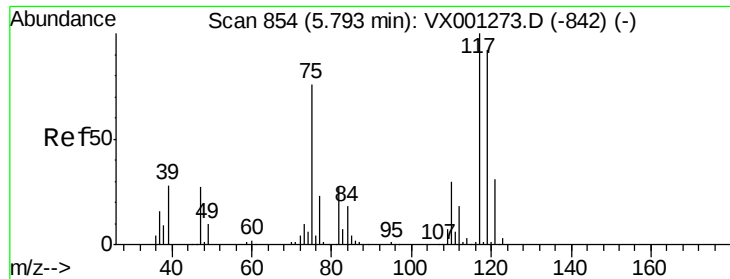


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.30 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

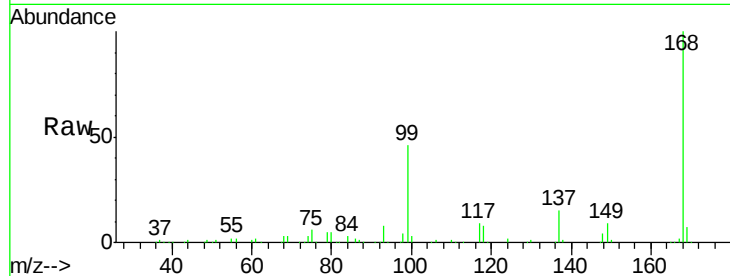
Tgt Ion:117 Resp: 14260

Ion Ratio Lower Upper

117 100

119 5.7 73.4 110.2#

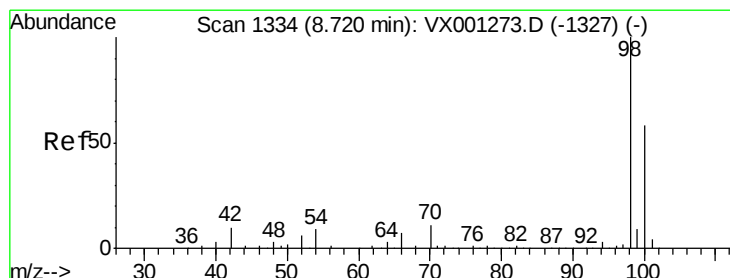
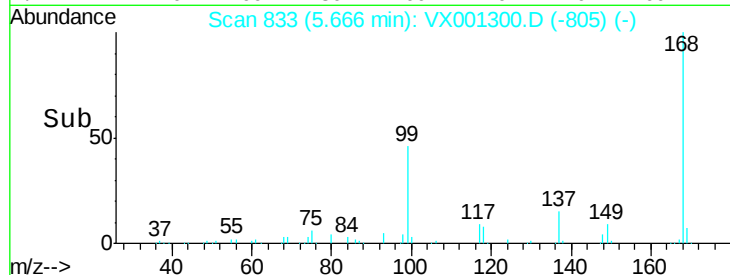
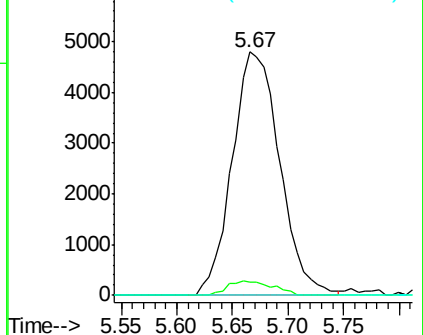
121 0.0 25.0 37.4#



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: 45.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001300.D

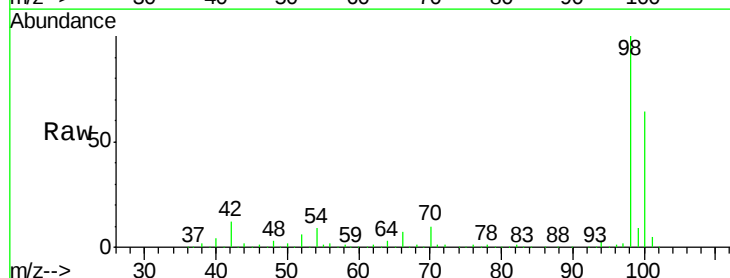
Acq: 02 May 2018 02:06

Tgt Ion: 98 Resp: 311605

Ion Ratio Lower Upper

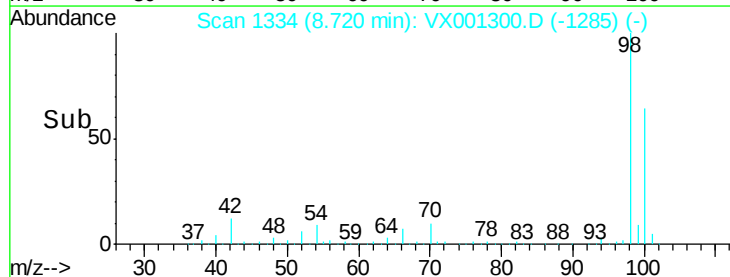
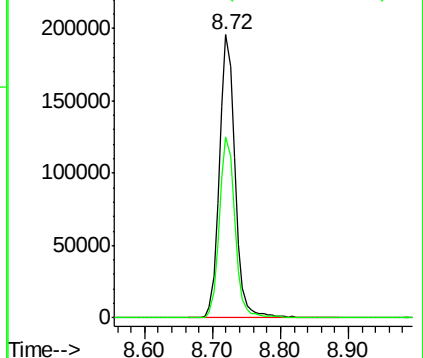
98 100

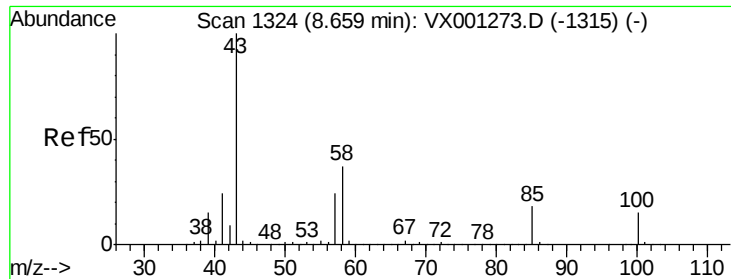
100 64.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.23 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

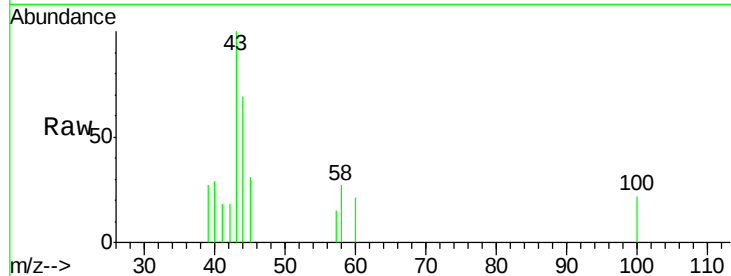
BFB

Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

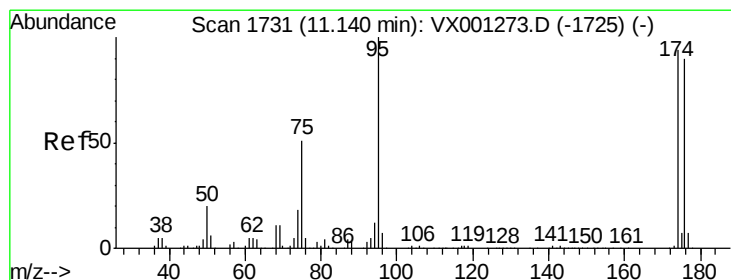
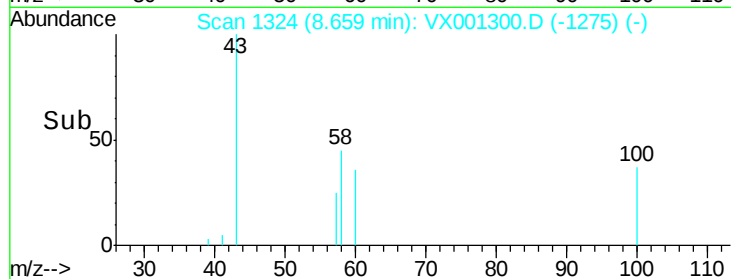
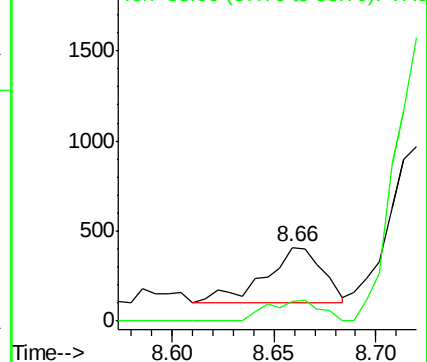
43 100

58 33.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 35.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001300.D

Acq: 02 May 2018 02:06

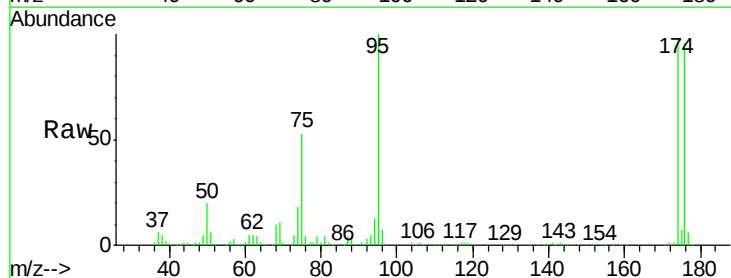
Tgt Ion: 95 Resp: 97270

Ion Ratio Lower Upper

95 100

174 105.0 0.0 201.8

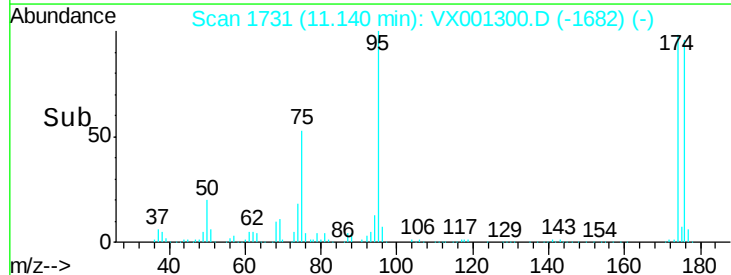
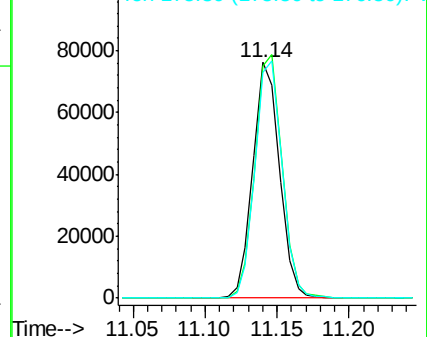
176 102.7 0.0 197.2

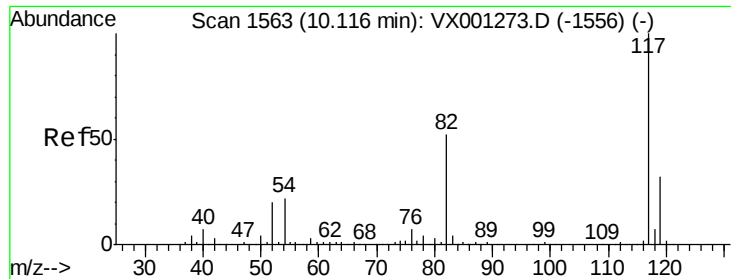


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

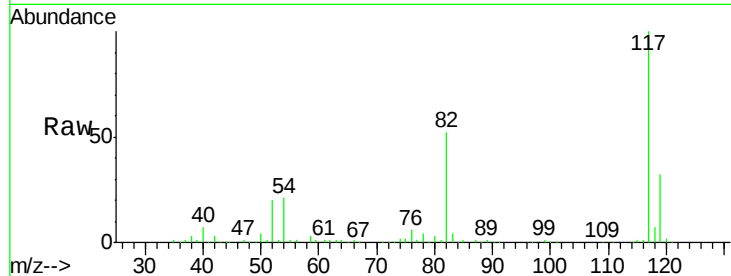




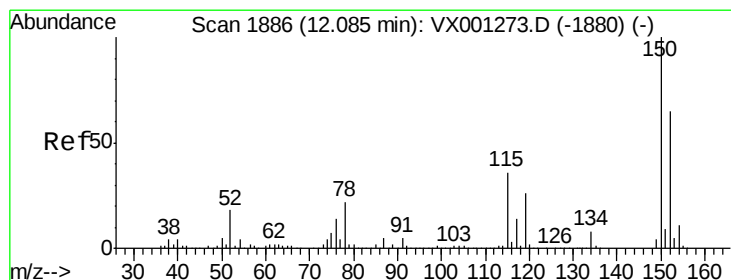
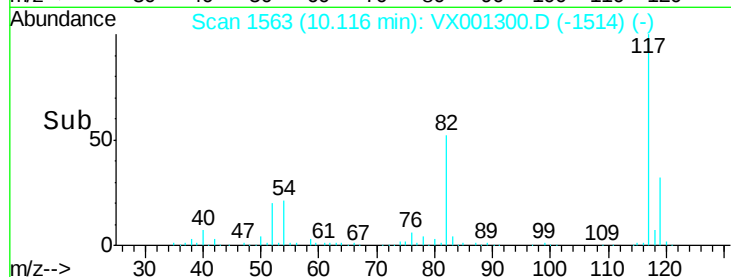
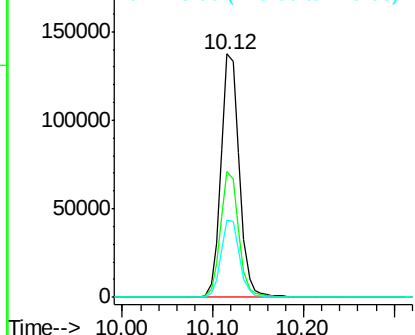
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001300.D
Acq: 02 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:117 Resp: 194673
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 32.0 25.5 38.3

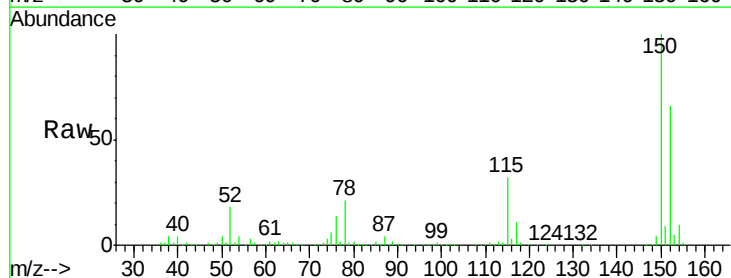


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

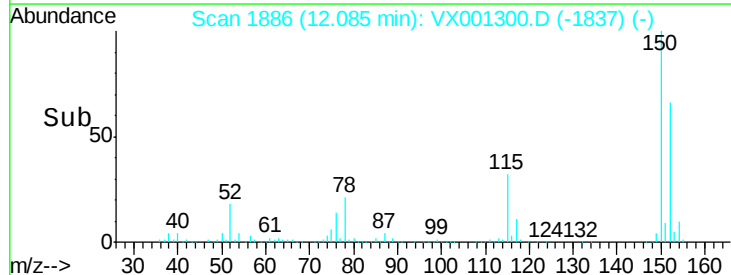
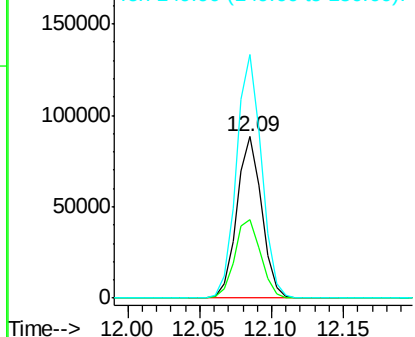


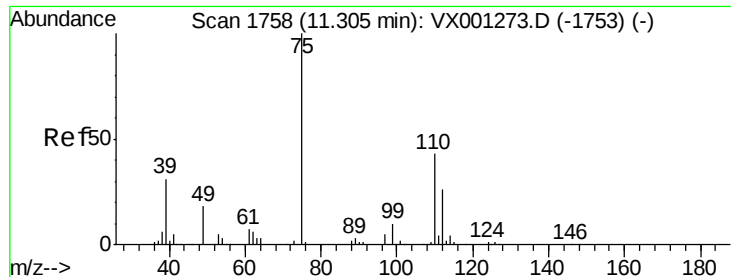
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001300.D
Acq: 02 May 2018 02:06

Tgt Ion:152 Resp: 106291
Ion Ratio Lower Upper
152 100
115 51.0 38.6 115.7
150 152.9 0.0 349.2



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

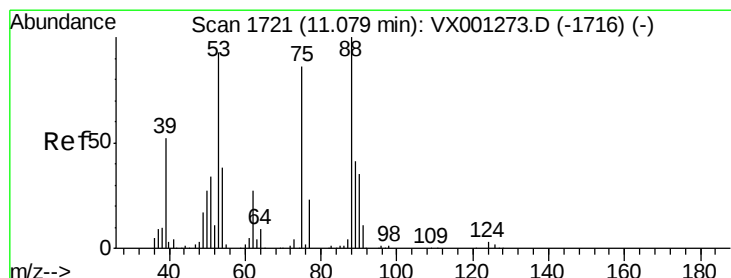
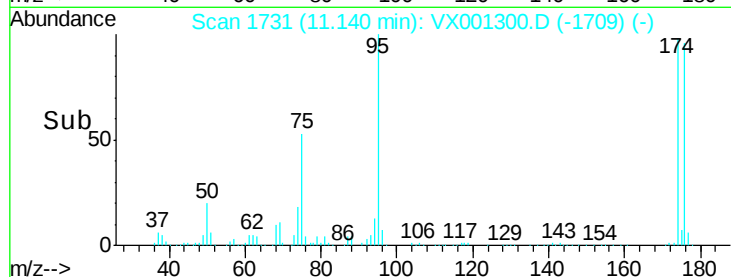
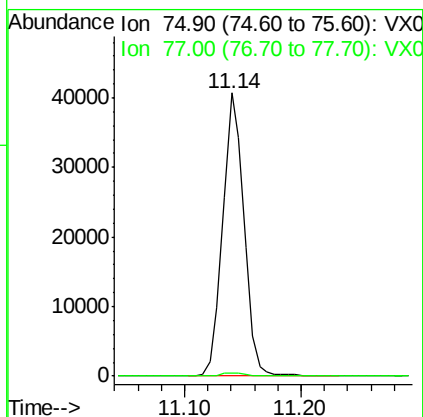
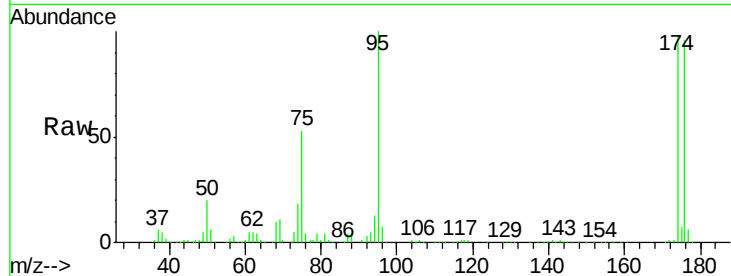




#76
 1,2,3-Trichloropropane
 Concen: 26.06 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001300.D
 Acq: 02 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 75 Resp: 51224
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.81 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001300.D
 Acq: 02 May 2018 02:06

Tgt Ion: 75 Resp: 51224
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.1 130.7#
 89 0.0 38.9 58.3#

