

Data File : VX001384.D
Acq On : 04 May 2018 07:25
Operator : JC/MD
Sample : J2707-02
Misc : 4.99g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
9-R(2.5-3)

Quant Time: May 04 08:30:43 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	5.67	168	189677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	269857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	246874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	114601	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	
35) Dibromofluoromethane	5.51	113	95313	41.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.00%	
50) Toluene-d8	8.72	98	349841	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
62) 4-Bromofluorobenzene	11.14	95	118001	35.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.04%	

Target Compounds				Qvalue		
5) Bromomethane	1.64	94	416	Below Cal	#	71
10) Methyl Iodide	2.52	142	1134	4.78	ug/l	91
11) Tert butyl alcohol	3.08	59	166	0.37	ug/l	# 93
15) Acrylonitrile	3.15	53	335	0.32	ug/l	95
16) Acetone	2.46	43	1384	1.23	ug/l	93
20) Methylene Chloride	2.85	84	283	Below Cal		96
29) Tetrahydrofuran	5.18	42	507	0.54	ug/l	# 45
31) Cyclohexane	5.67	56	3494	1.08	ug/l	# 21
36) 1,1-Dichloropropene	5.67	75	11323	3.64	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	16209	4.97	ug/l	# 18
60) Dibromochloromethane	9.34	129	9338	3.78	ug/l	# 10
64) Tetrachloroethene	9.34	164	10968	3.75	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	60546	25.21	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	60546	79.28	ug/l	# 6

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

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Client Sample ID :

9-R(2.5-3)

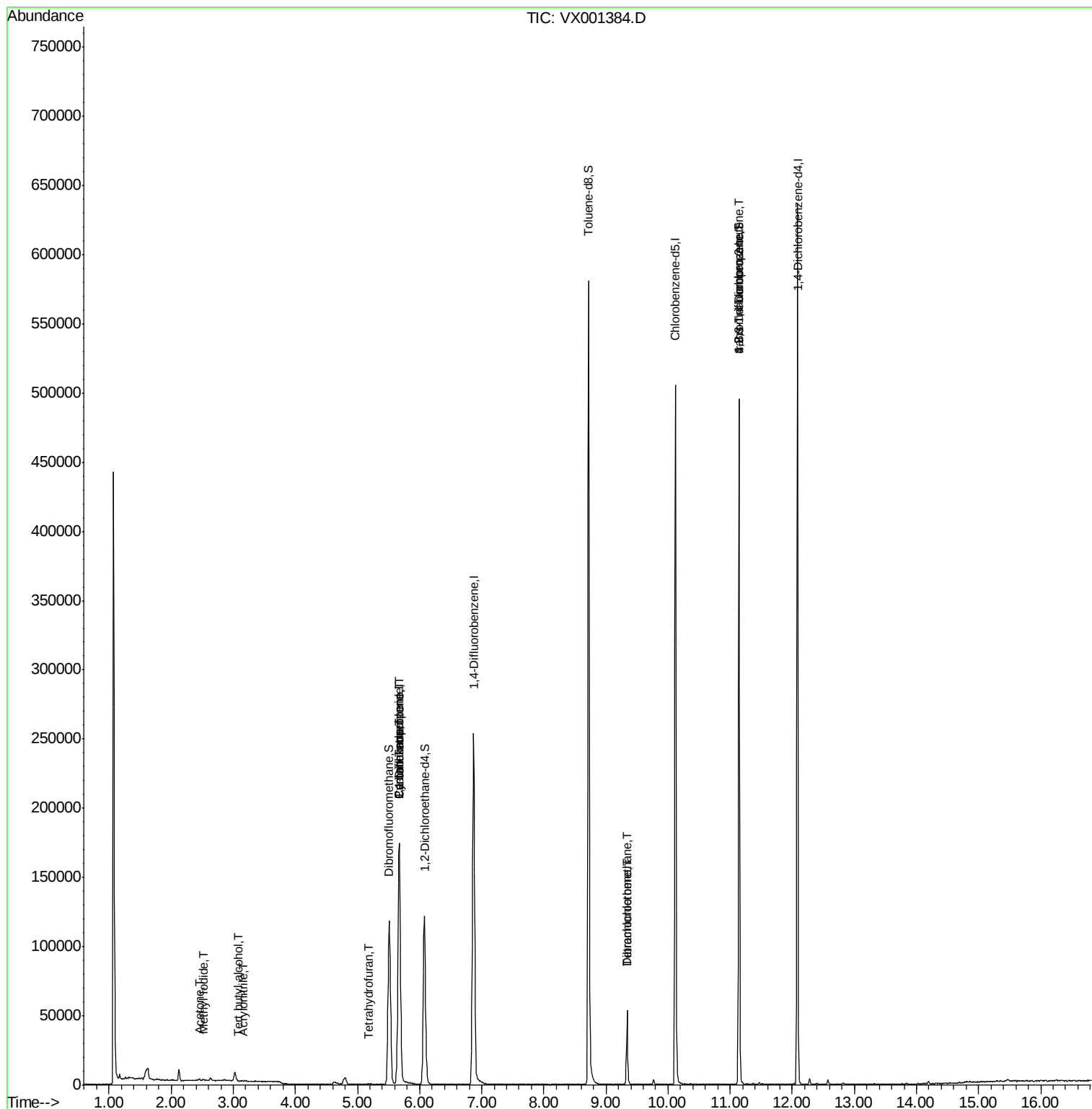
Quant Time: May 04 08:30:43 2018

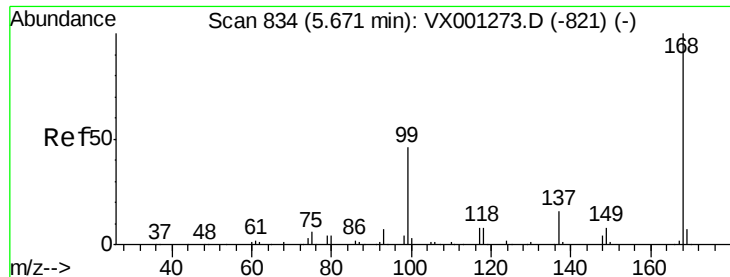
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

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: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

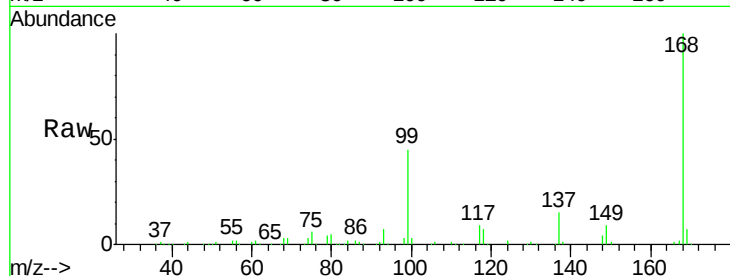
9-R(2.5-3)

Tgt Ion:168 Resp: 189677

Ion Ratio Lower Upper

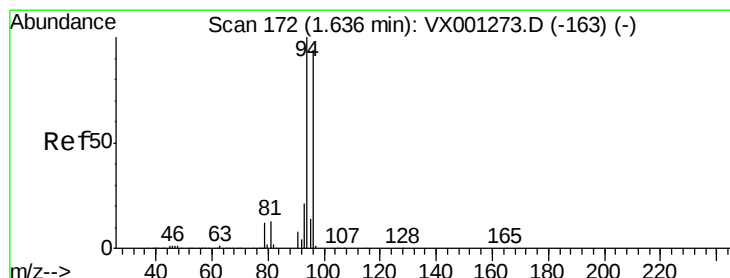
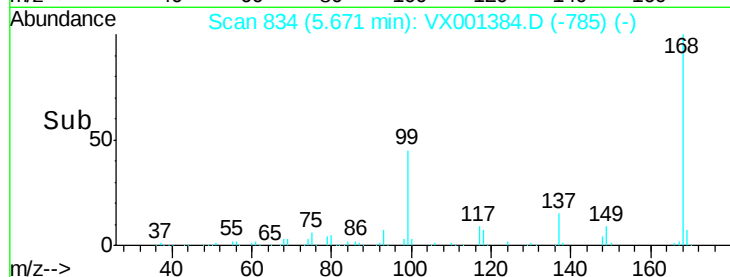
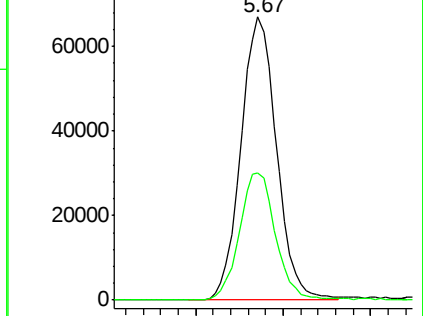
168 100

99 45.2 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: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001384.D

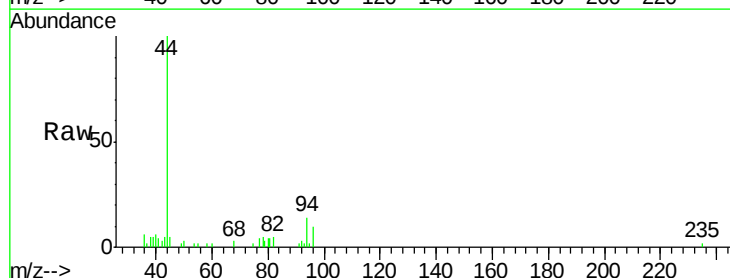
Acq: 04 May 2018 07:25

Tgt Ion: 94 Resp: 416

Ion Ratio Lower Upper

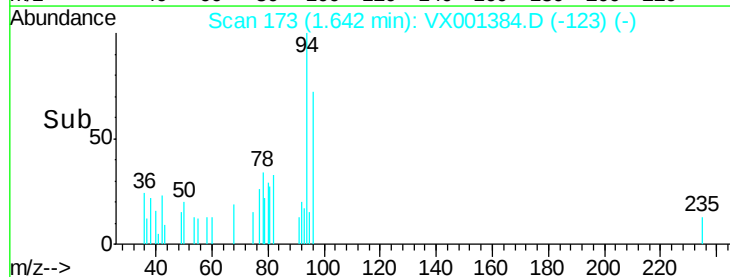
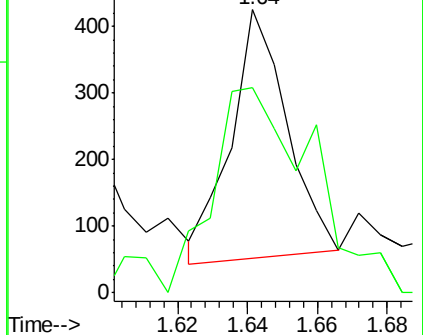
94 100

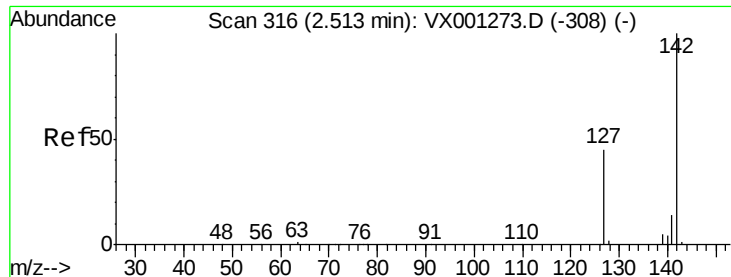
96 66.5 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

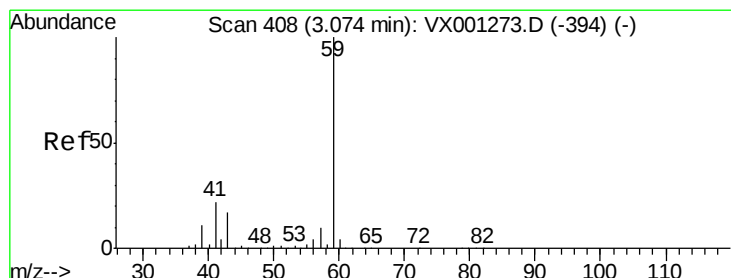
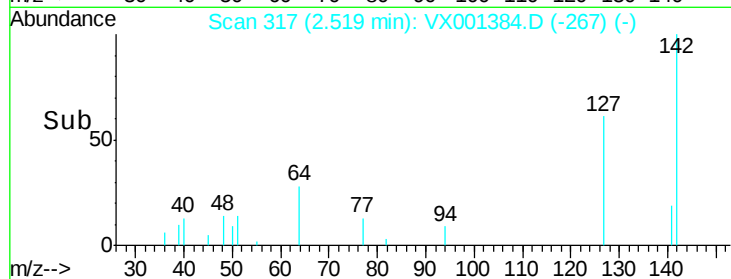
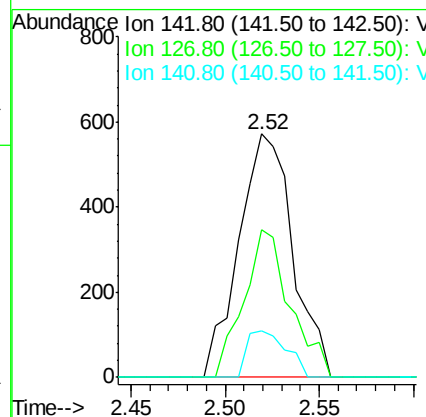
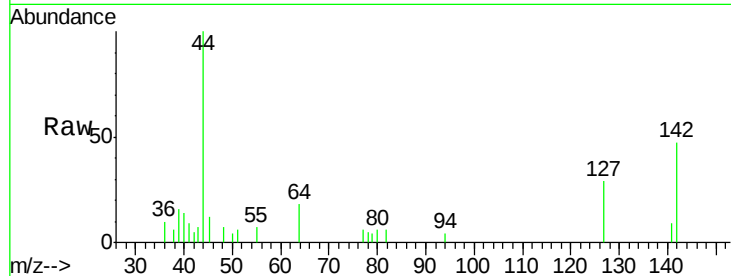




#10
Methyl Iodide
Concen: 4.78 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001384.D
Acq: 04 May 2018 07:25

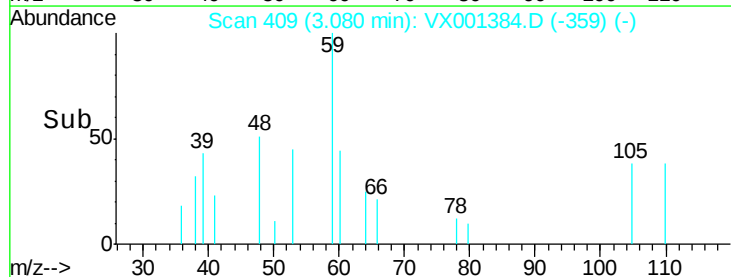
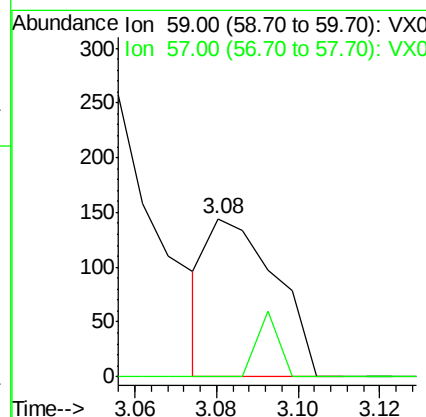
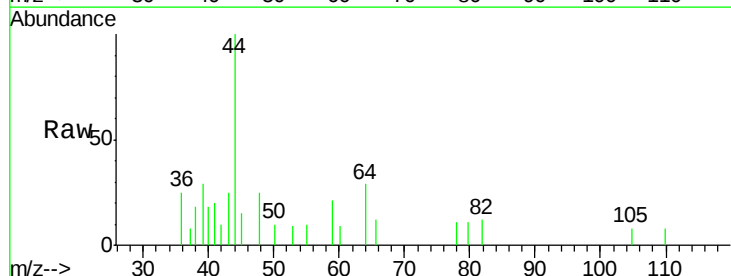
Instrument :
MSVOA_X
ClientSampleId :
9-R(2.5-3)

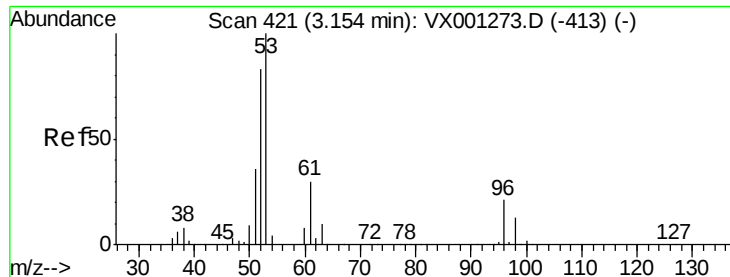
Tgt Ion: 142 Resp: 1134
Ion Ratio Lower Upper
142 100
127 52.1 35.7 53.5
141 13.9 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001384.D
Acq: 04 May 2018 07:25

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 13.3 8.6 12.8#





#15

Acrylonitrile

Concen: 0.32 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

Instrument :

MSVOA_X

ClientSampled :

9-R(2.5-3)

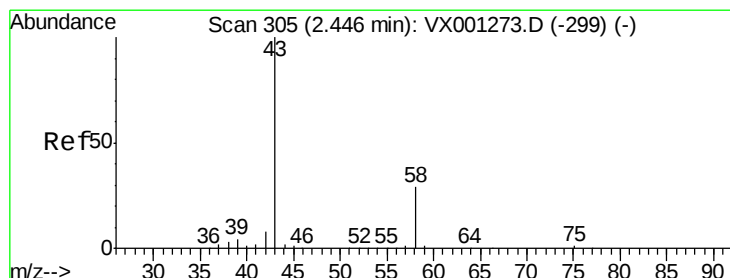
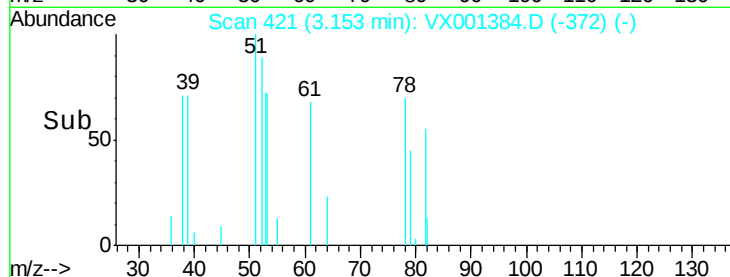
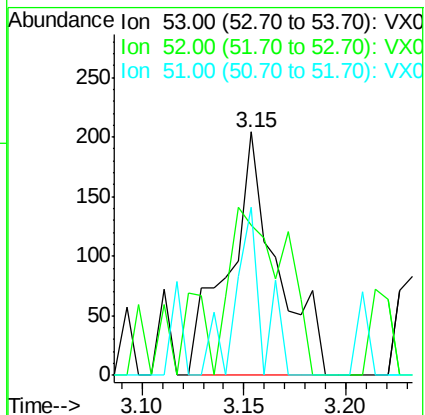
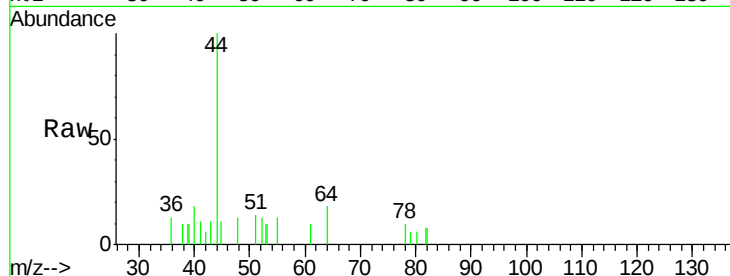
Tgt Ion: 53 Resp: 335

Ion Ratio Lower Upper

53 100

52 77.9 67.0 100.4

51 39.1 29.9 44.9



#16

Acetone

Concen: 1.23 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001384.D

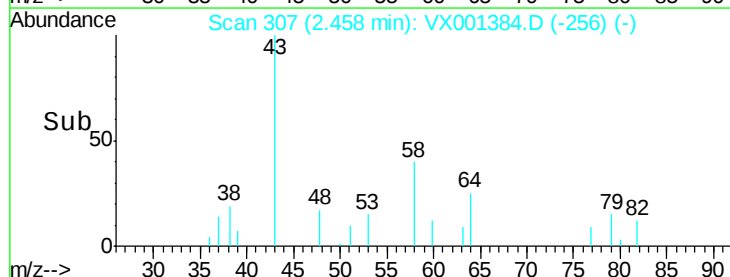
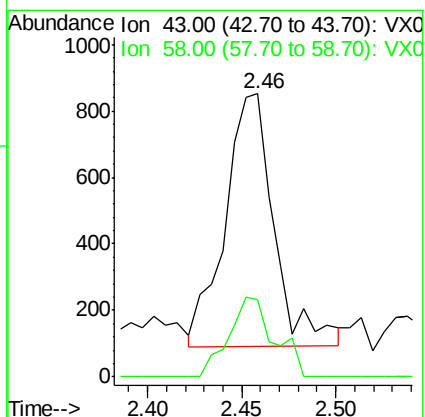
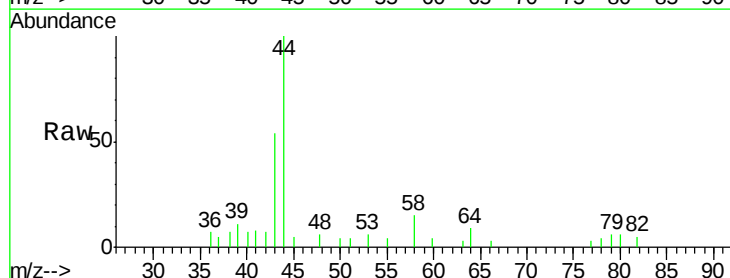
Acq: 04 May 2018 07:25

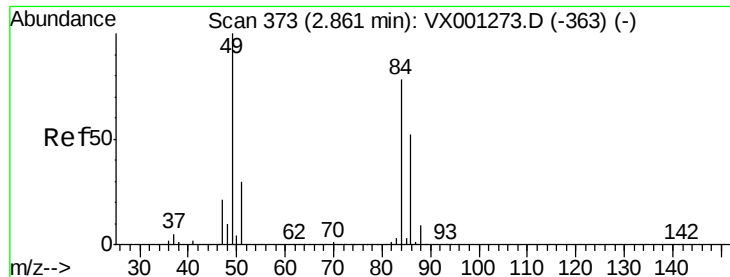
Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 32.0 22.8 34.2

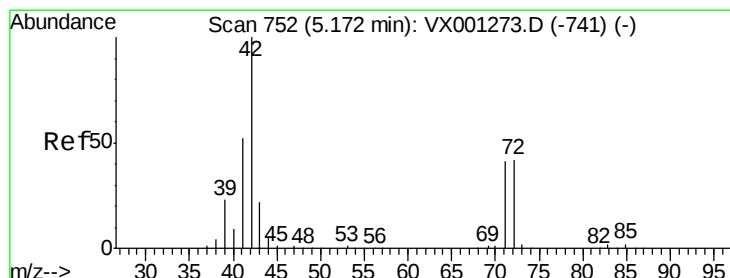
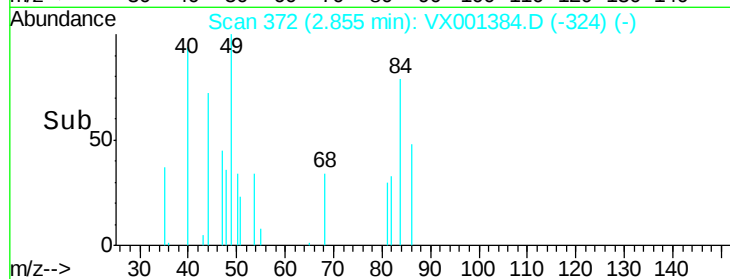
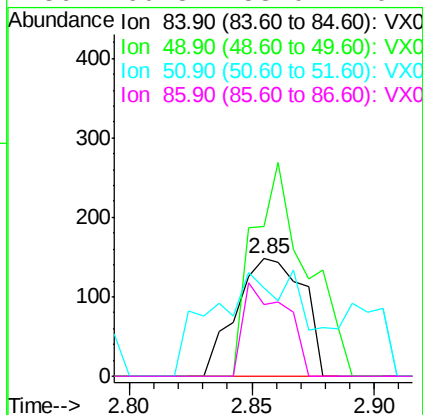
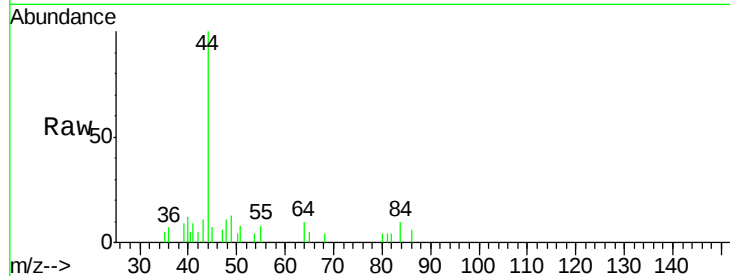




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001384.D
Acq: 04 May 2018 07:25

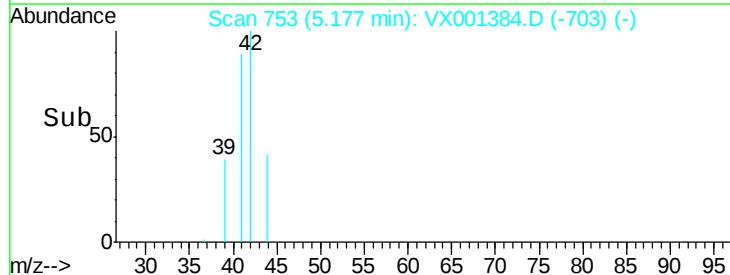
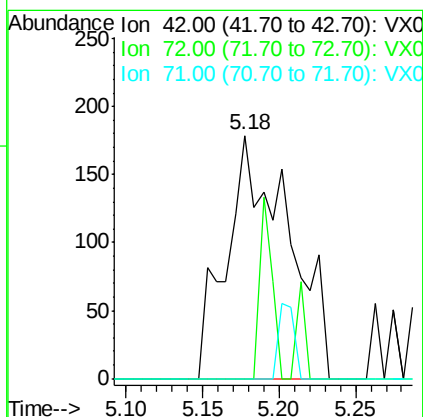
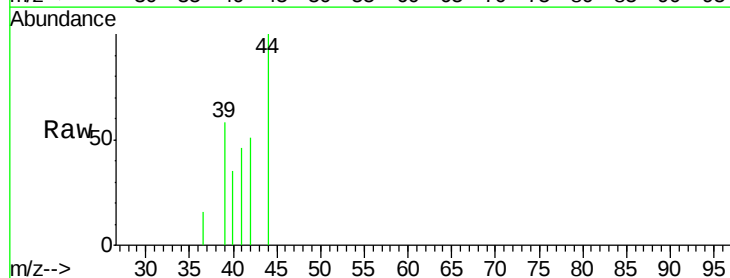
Instrument :
MSVOA_X
ClientSampleId :
9-R(2.5-3)

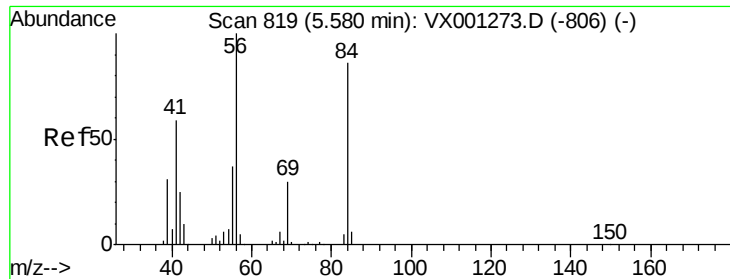
Tgt Ion: 84 Resp: 283
Ion Ratio Lower Upper
84 100
49 127.0 102.8 154.2
51 35.1 30.9 46.3
86 60.8 53.0 79.4



#29
Tetrahydrofuran
Concen: 0.54 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001384.D
Acq: 04 May 2018 07:25

Tgt Ion: 42 Resp: 507
Ion Ratio Lower Upper
42 100
72 14.8 34.6 52.0#
71 0.0 32.7 49.1#

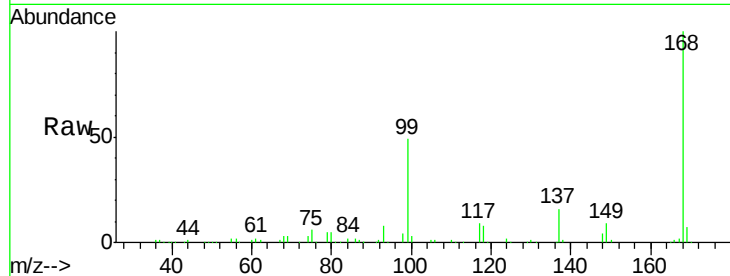




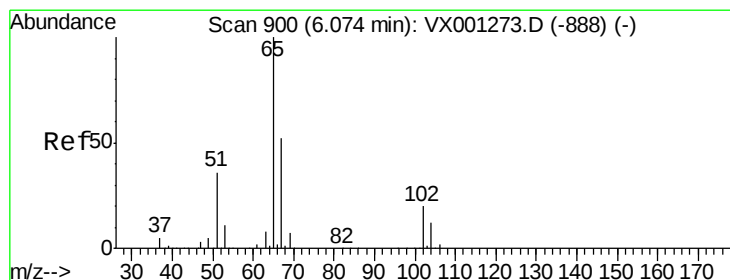
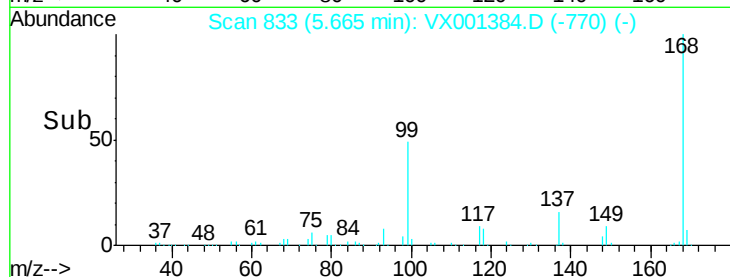
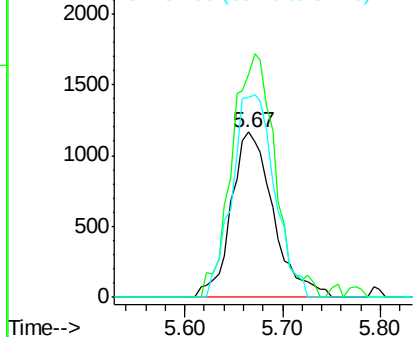
#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001384.D
Acq: 04 May 2018 07:25

Instrument :
MSVOA_X
ClientSampleId :
9-R(2.5-3)

Tgt Ion: 56 Resp: 3494
Ion Ratio Lower Upper
56 100
69 135.1 24.0 36.0#
84 121.5 69.0 103.4#

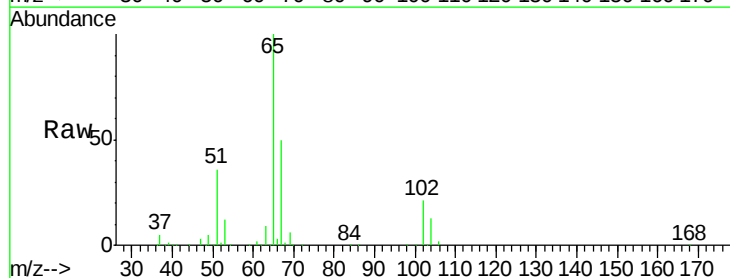


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

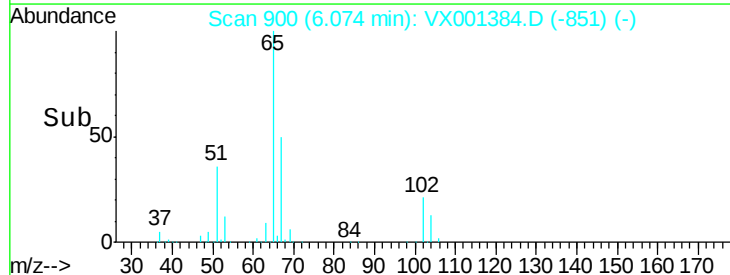
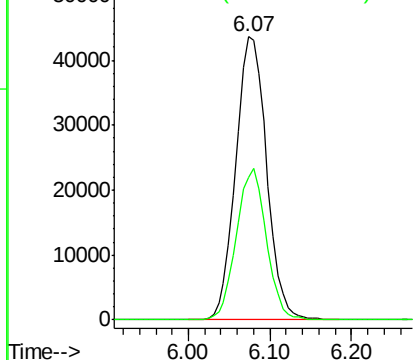


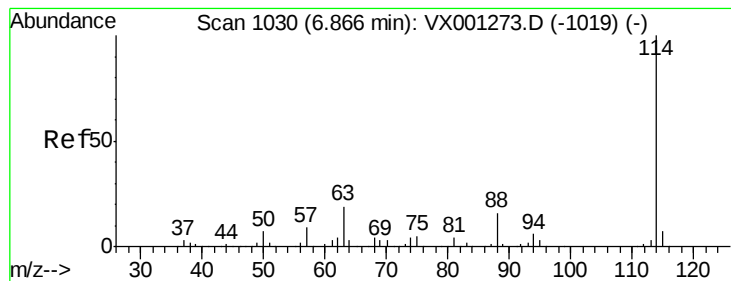
#33
1,2-Dichloroethane-d4
Concen: 43.65 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001384.D
Acq: 04 May 2018 07:25

Tgt Ion: 65 Resp: 114601
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

9-R(2.5-3)

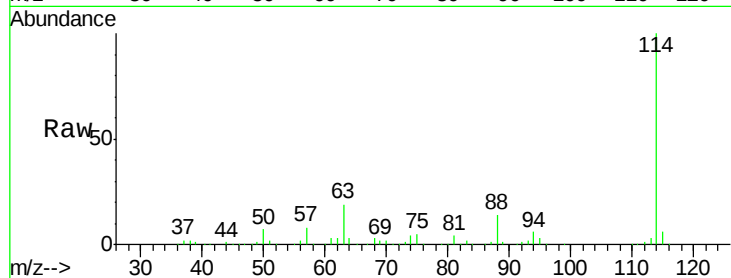
Tgt Ion:114 Resp: 269857

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

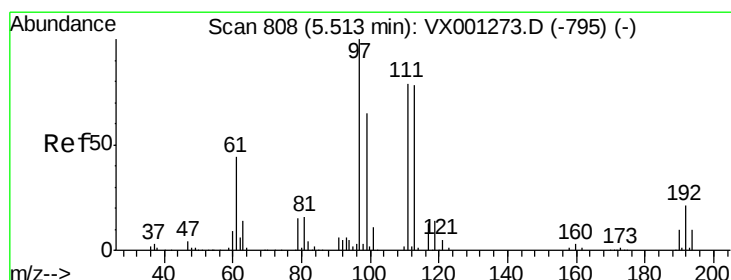
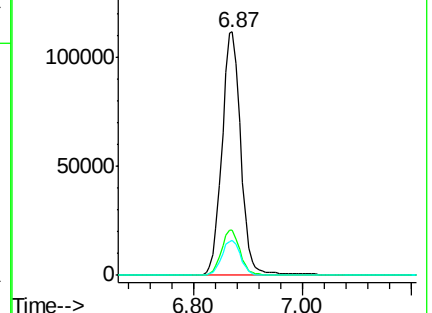
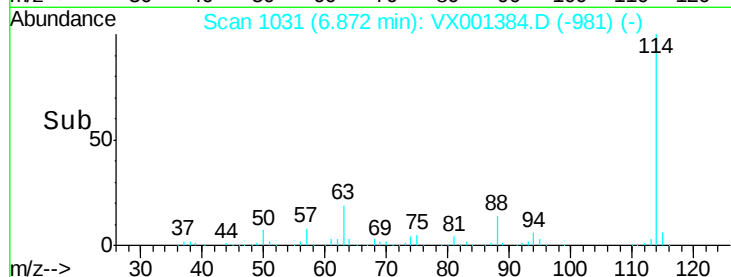
88 14.4 0.0 32.2



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: 41.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

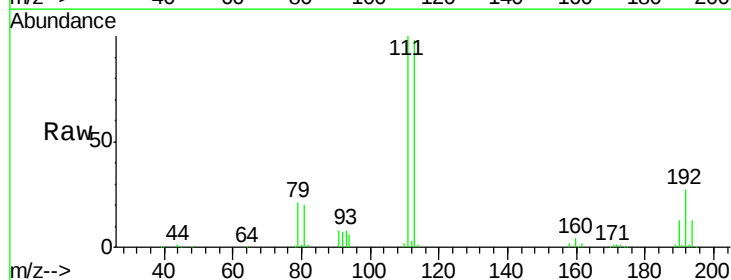
Tgt Ion:113 Resp: 95313

Ion Ratio Lower Upper

113 100

111 100.8 81.2 121.8

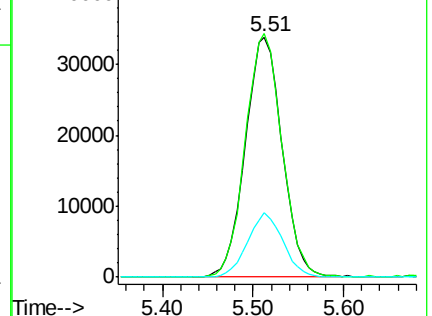
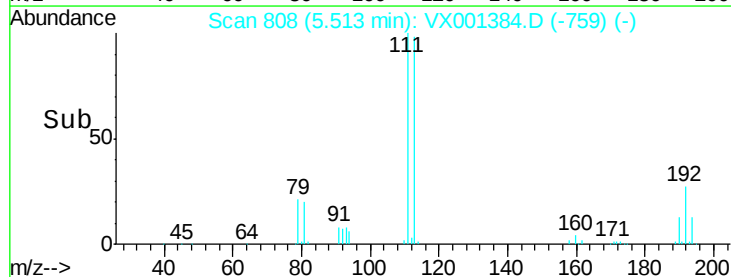
192 25.6 20.7 31.1

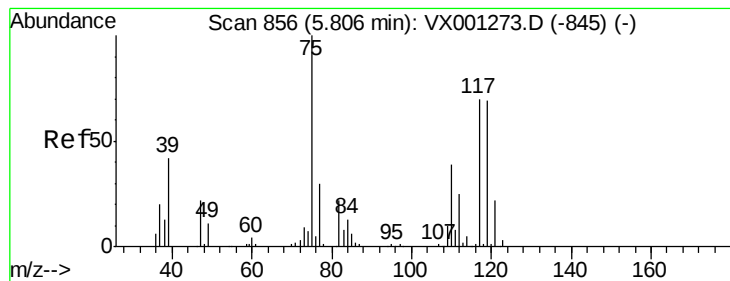


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.64 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

Instrument :

MSVOA_X

ClientSampled :

9-R(2.5-3)

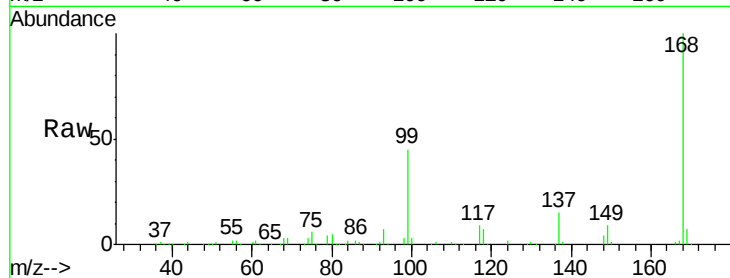
Tgt Ion: 75 Resp: 11323

Ion Ratio Lower Upper

75 100

110 12.0 18.9 56.9#

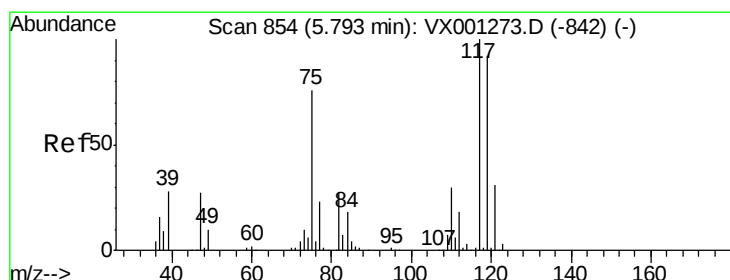
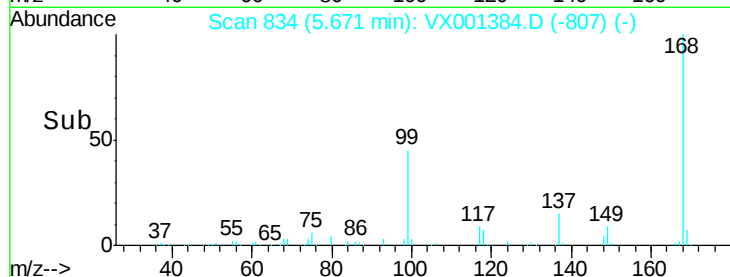
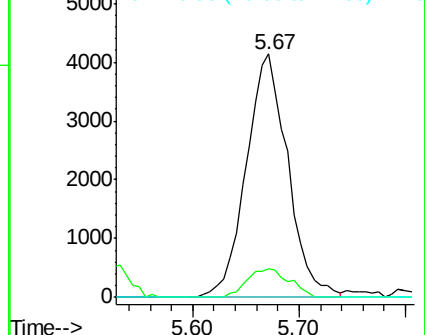
77 0.0 24.2 36.2#



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: 4.97 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

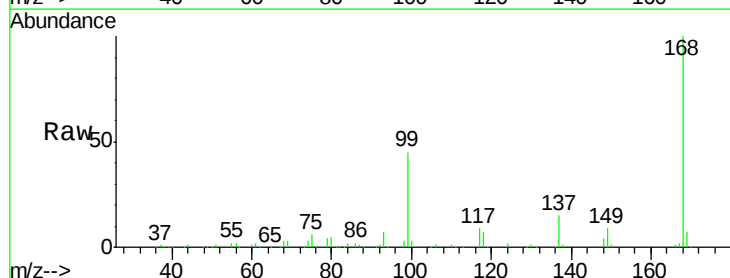
Tgt Ion: 117 Resp: 16209

Ion Ratio Lower Upper

117 100

119 5.1 73.4 110.2#

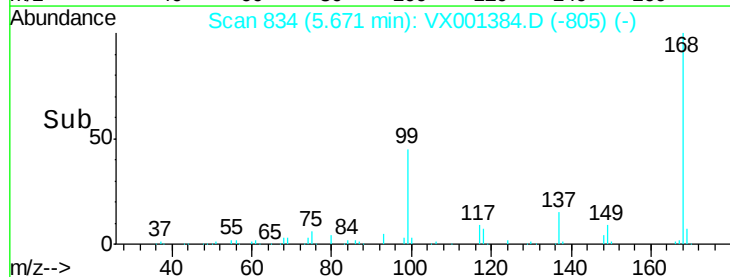
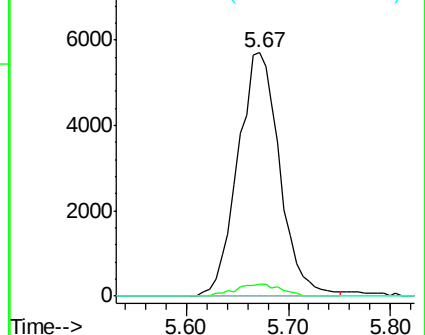
121 0.0 25.0 37.4#

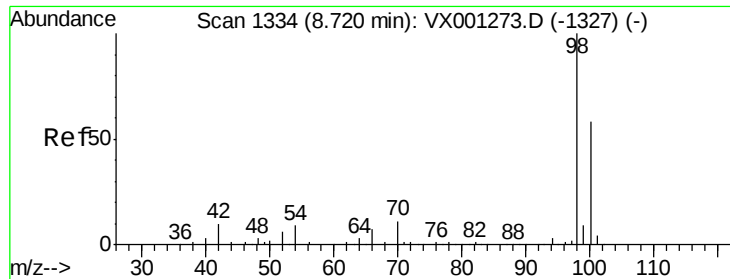


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 42.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

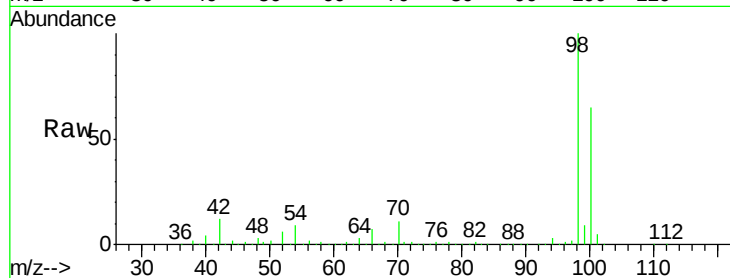
9-R(2.5-3)

Tgt Ion: 98 Resp: 349841

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX001273.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001273.D (-1327) (-)

8.72

250000

200000

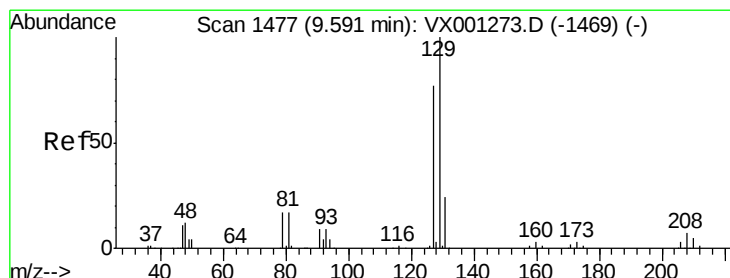
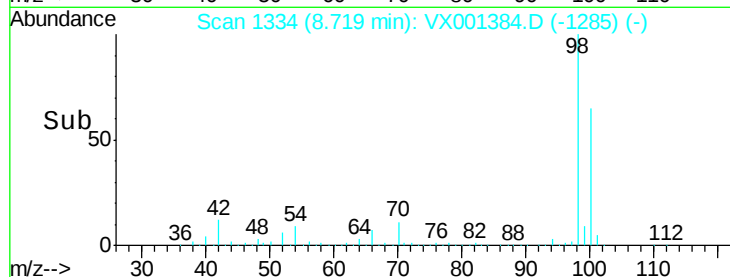
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 3.78 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001384.D

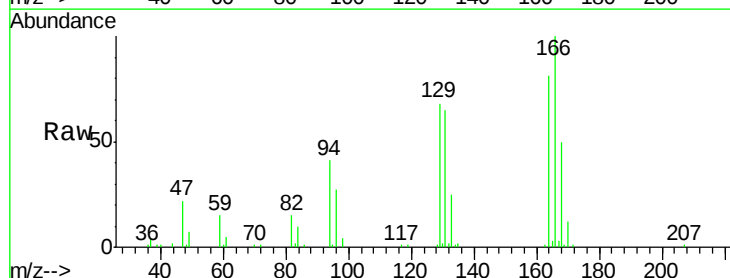
Acq: 04 May 2018 07:25

Tgt Ion: 129 Resp: 9338

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): VX001273.D (-1469) (-)

Ion 126.80 (126.50 to 127.50): VX001273.D (-1469) (-)

9.34

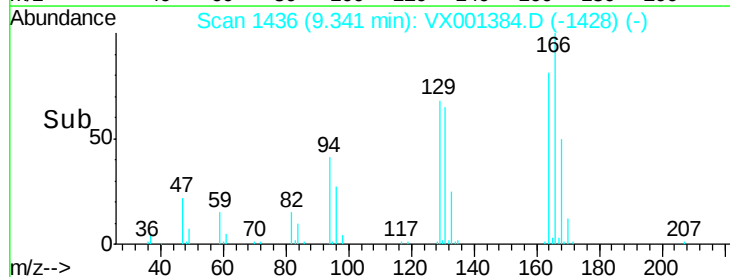
6000

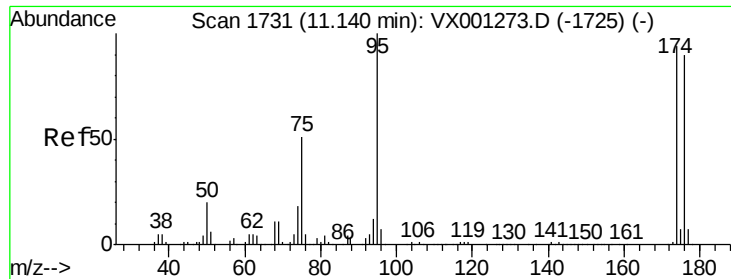
4000

2000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 35.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

9-R(2.5-3)

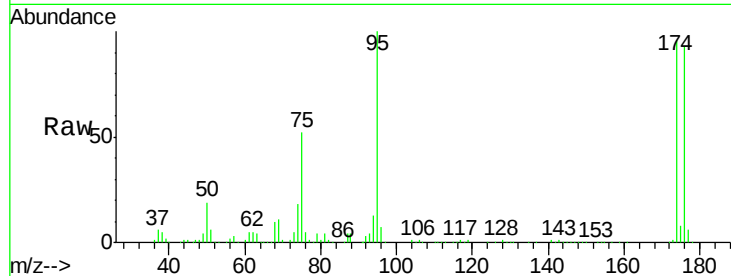
Tgt Ion: 95 Resp: 118001

Ion Ratio Lower Upper

95 100

174 106.6 0.0 201.8

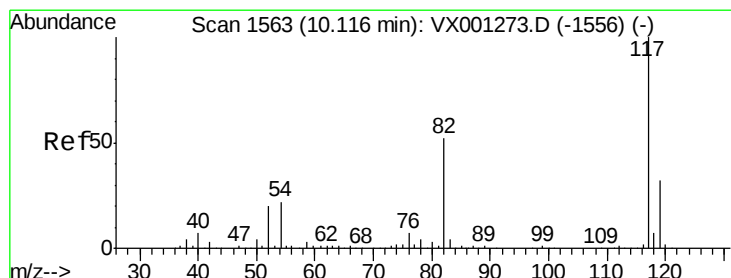
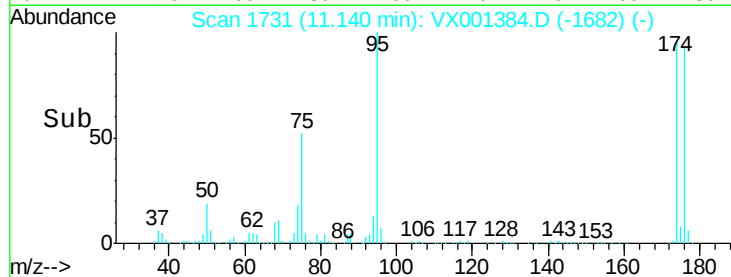
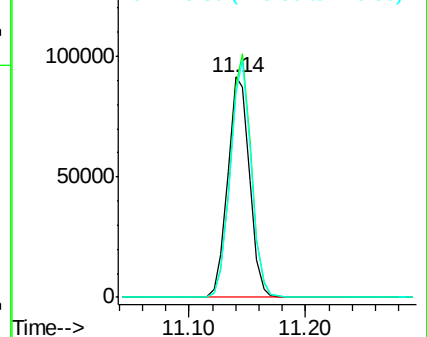
176 103.4 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX001273.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX001273.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX001273.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

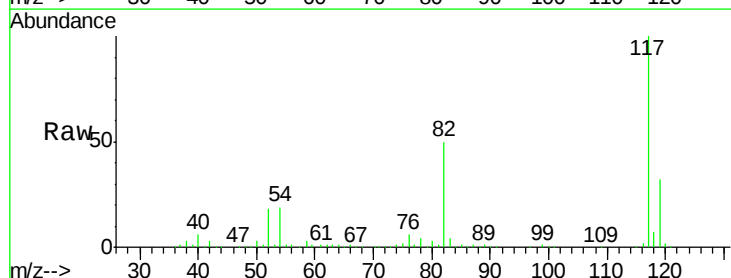
Tgt Ion: 117 Resp: 246874

Ion Ratio Lower Upper

117 100

82 50.1 41.4 62.0

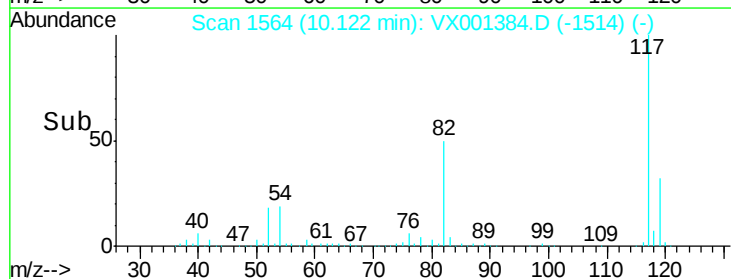
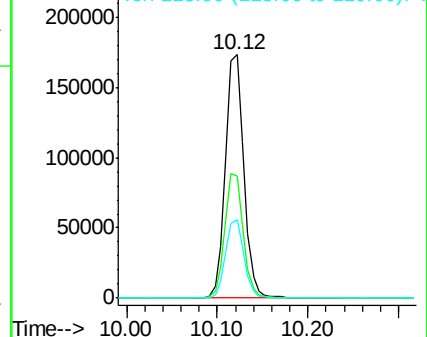
119 32.2 25.5 38.3

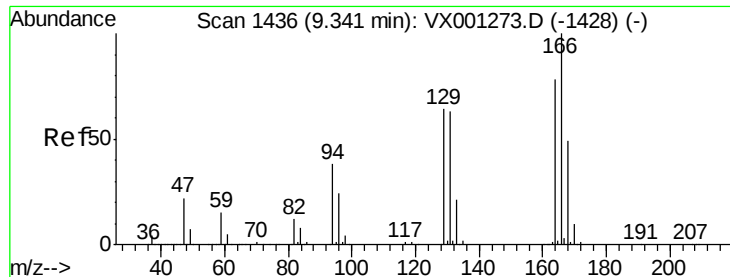


Abundance Ion 116.90 (116.60 to 117.60): VX001273.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001273.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001273.D (-1556) (-)





#64

Tetrachloroethene

Concen: 3.75 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

9-R(2.5-3)

Tgt Ion:164 Resp: 10968

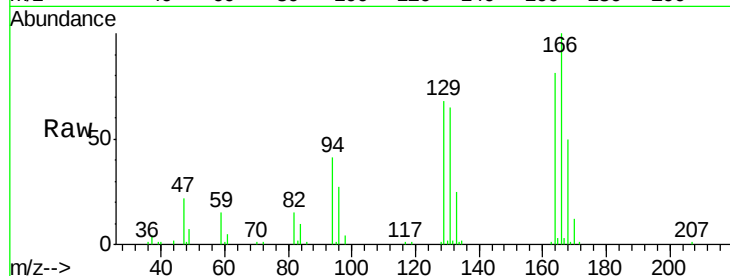
Ion Ratio Lower Upper

164 100

166 123.9 102.3 153.5

129 84.3 65.1 97.7

131 80.6 64.2 96.4

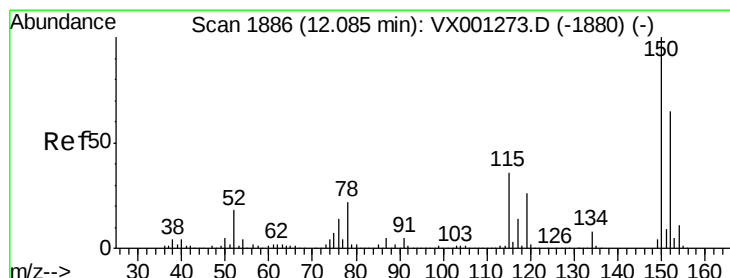
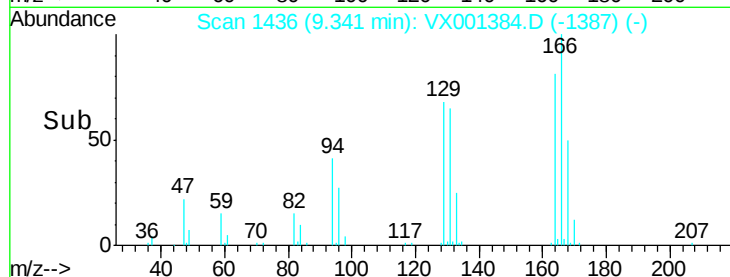
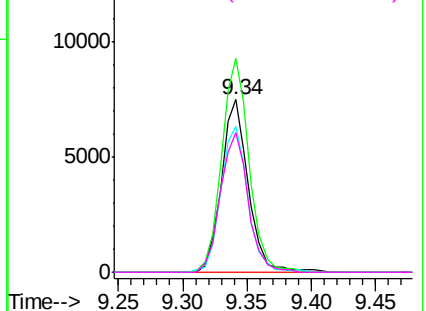


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001384.D

Acq: 04 May 2018 07:25

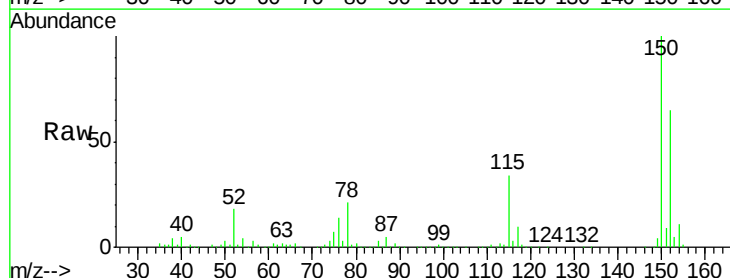
Tgt Ion:152 Resp: 129865

Ion Ratio Lower Upper

152 100

115 52.5 38.6 115.7

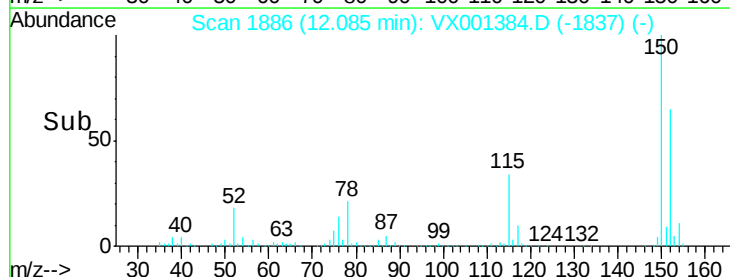
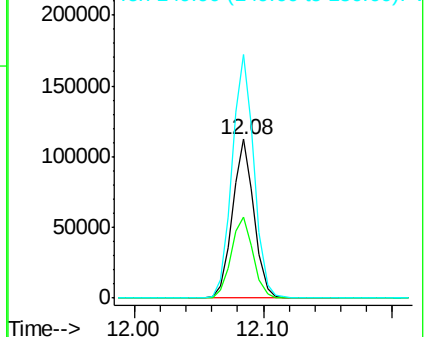
150 156.9 0.0 349.2

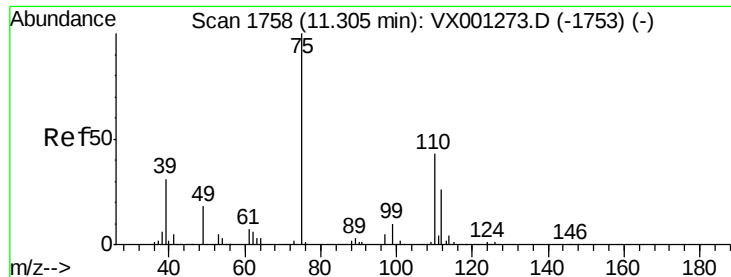


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

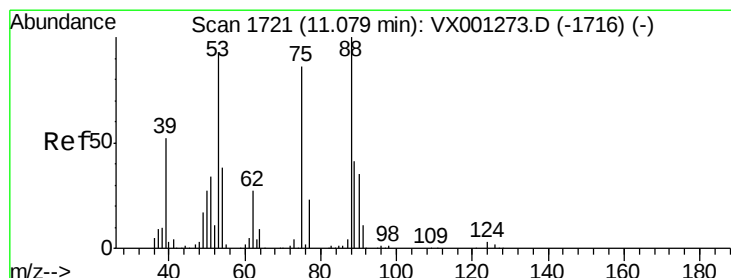
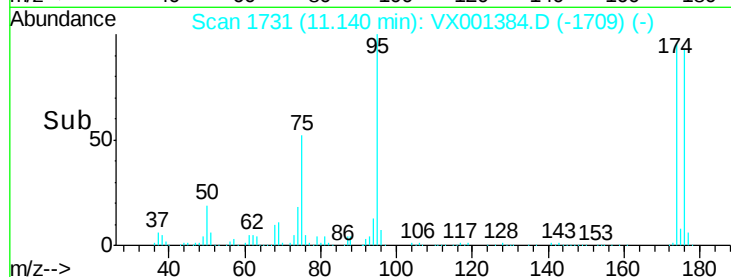
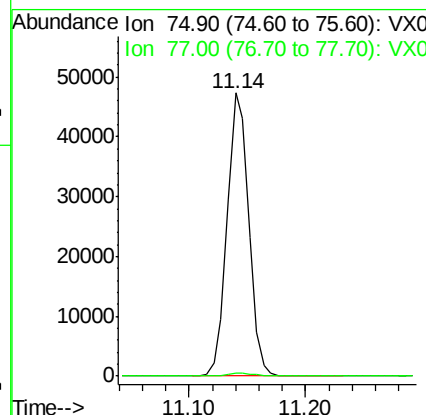
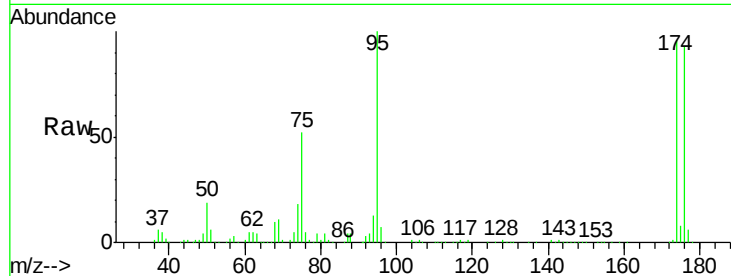




#76
 1,2,3-Trichloropropane
 Concen: 25.21 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001384.D
 Acq: 04 May 2018 07:25

Instrument :
 MSVOA_X
 ClientSampled :
 9-R(2.5-3)

Tgt Ion: 75 Resp: 60546
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.28 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001384.D
 Acq: 04 May 2018 07:25

Tgt Ion: 75 Resp: 60546
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.1 130.7#
 89 0.1 38.9 58.3#

