

Data File : VX001556.D

Acq On : 09 May 2018 15:46

Operator : JC/MD

Sample : J2732-12

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-05032018

Quant Time: May 10 04:13:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	204946	57.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.02%	
35) Dibromofluoromethane	5.51	113	158516	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.72	98	566696	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.14	95	183173	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	

Target Compounds

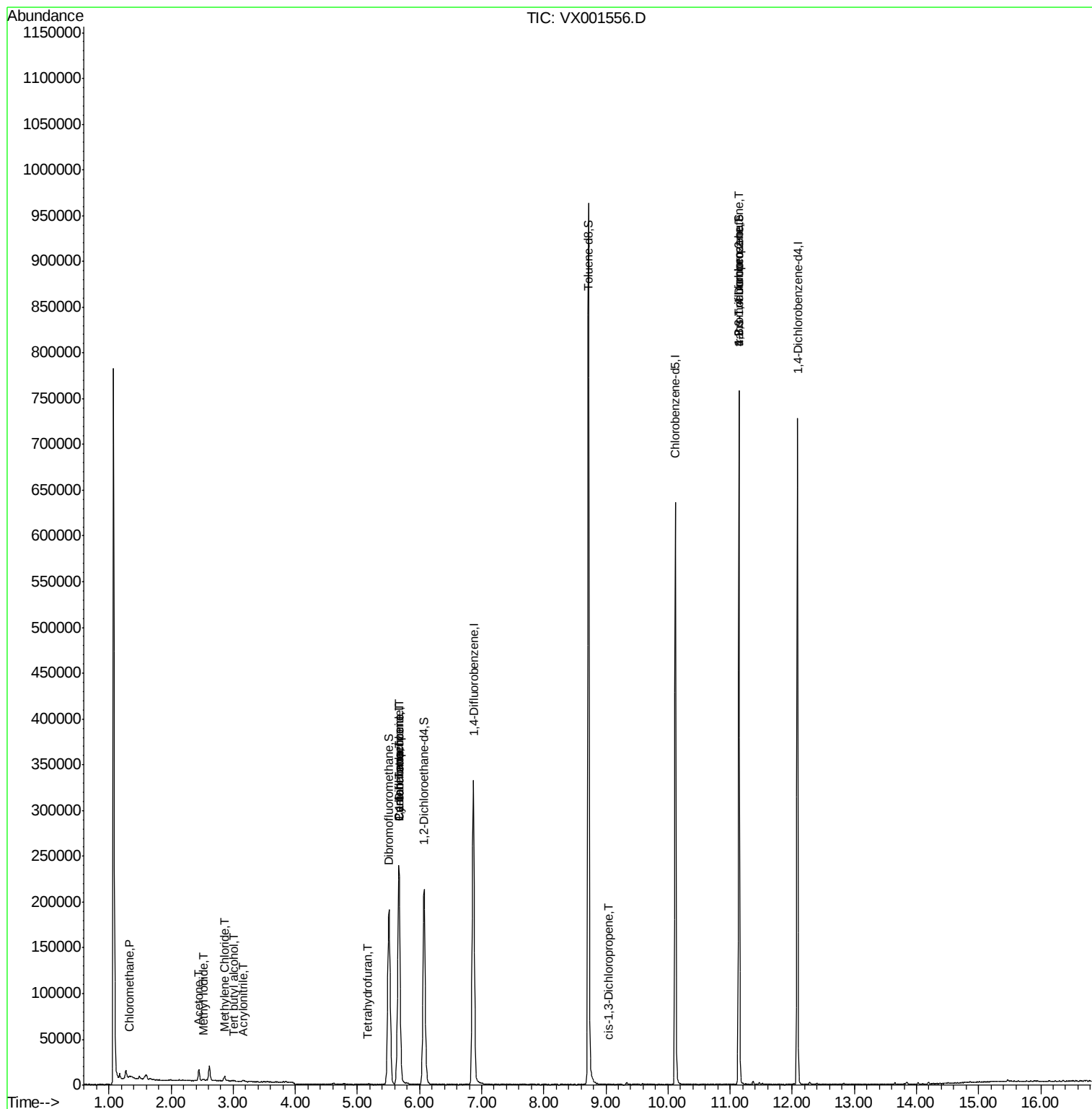
						Qvalue
3) Chloromethane	1.32	50	689	0.21	ug/l	95
5) Bromomethane	1.65	94	1227	Below	Cal	82
10) Methyl Iodide	2.52	142	1957	0.45	ug/l	89
11) Tert butyl alcohol	3.02	59	449	0.59	ug/l #	72
13) Acrolein	2.31	56	138	Below	Cal #	16
15) Acrylonitrile	3.15	53	480	0.28	ug/l #	35
16) Acetone	2.45	43	12791	7.84	ug/l	98
20) Methylene Chloride	2.86	84	2299	0.71	ug/l #	86
29) Tetrahydrofuran	5.17	42	340	0.23	ug/l #	33
31) Cyclohexane	5.66	56	4555	0.98	ug/l #	29
36) 1,1-Dichloropropene	5.67	75	15591	3.58	ug/l #	50
38) Carbon Tetrachloride	5.67	117	21530	4.64	ug/l #	16
54) cis-1,3-Dichloropropene	9.04	75	107	2.28	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	92110	29.05	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	92110	88.96	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

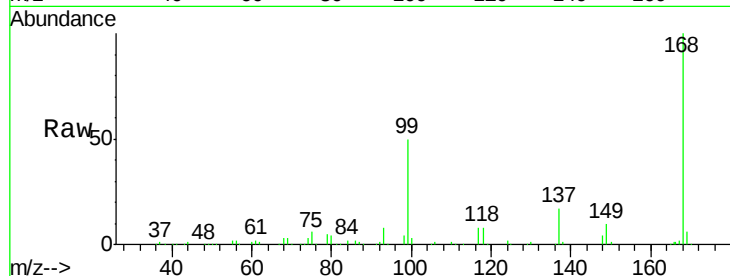
TB-05032018

Tgt Ion: 168 Resp: 250130

Ion Ratio Lower Upper

168 100

99 49.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

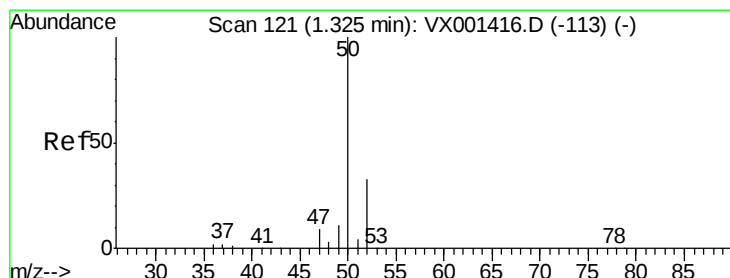
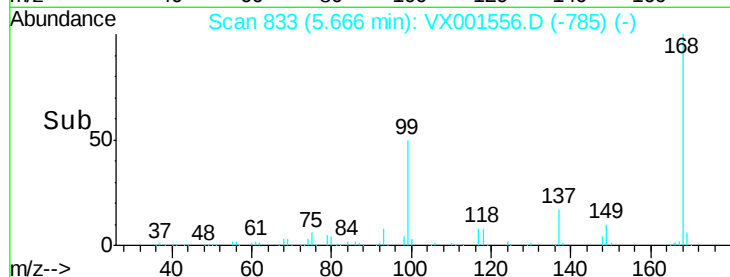
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001556.D

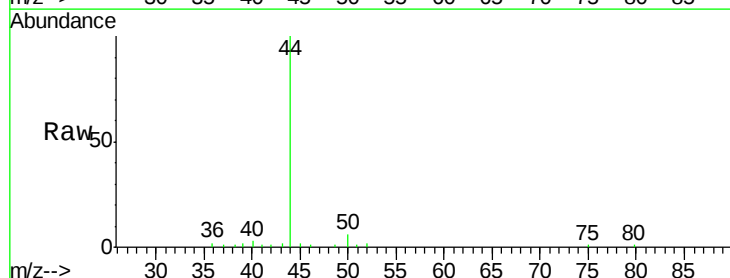
Acq: 09 May 2018 15:46

Tgt Ion: 50 Resp: 689

Ion Ratio Lower Upper

50 100

52 35.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

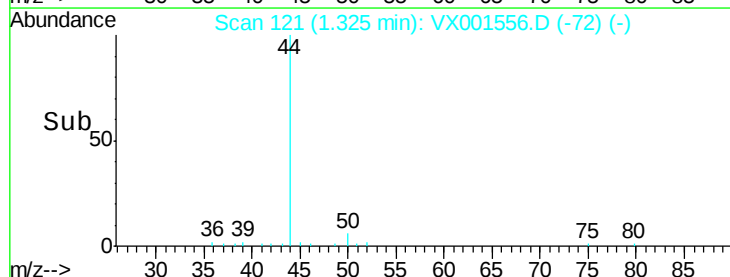
300

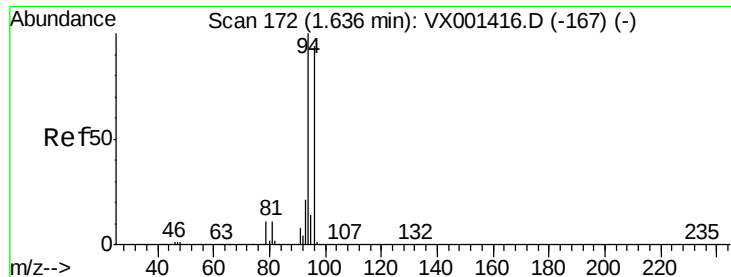
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampled :

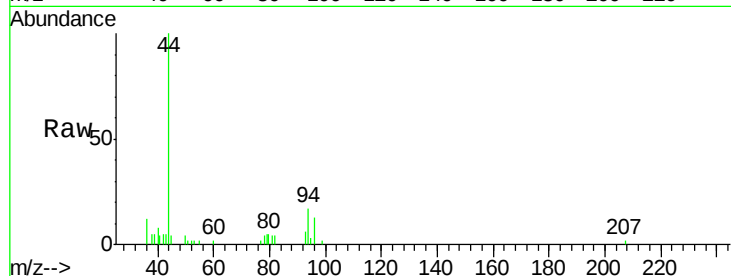
TB-05032018

Tgt Ion: 94 Resp: 1227

Ion Ratio Lower Upper

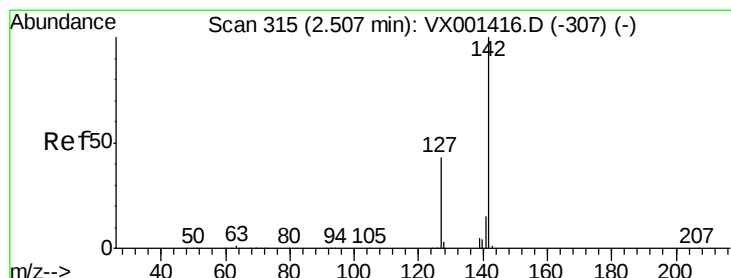
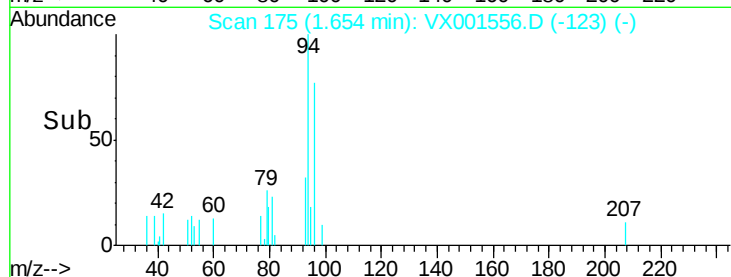
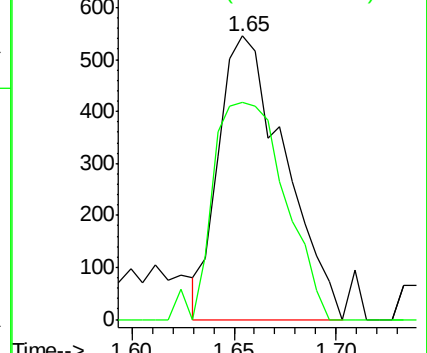
94 100

96 76.5 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 0.45 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

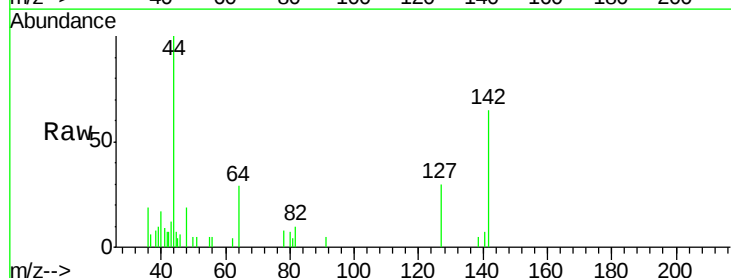
Tgt Ion: 142 Resp: 1957

Ion Ratio Lower Upper

142 100

127 49.7 33.6 50.4

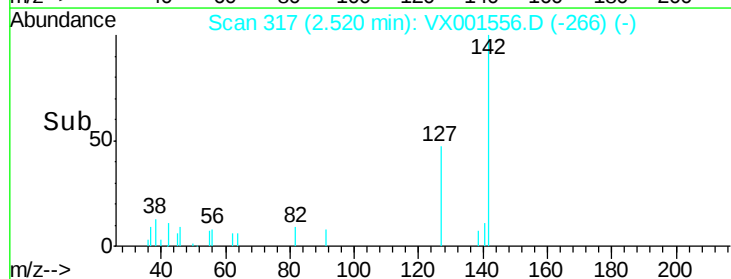
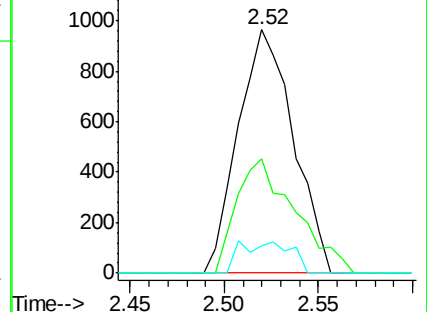
141 11.8 11.4 17.2

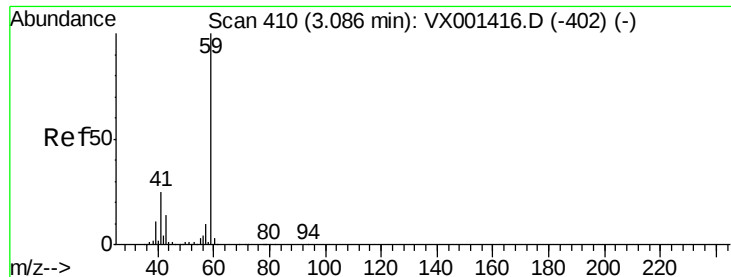


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.59 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.07 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

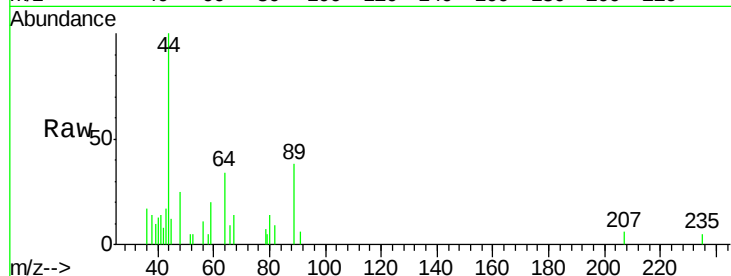
TB-05032018

Tgt Ion: 59 Resp: 449

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

250

200

150

100

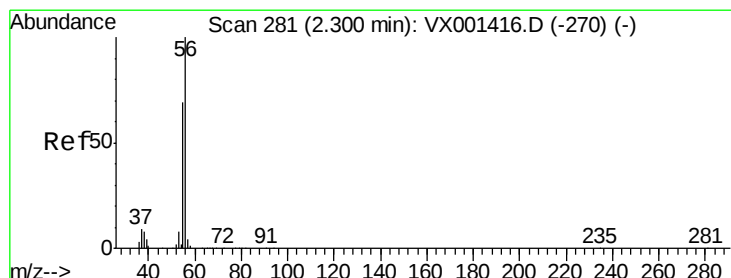
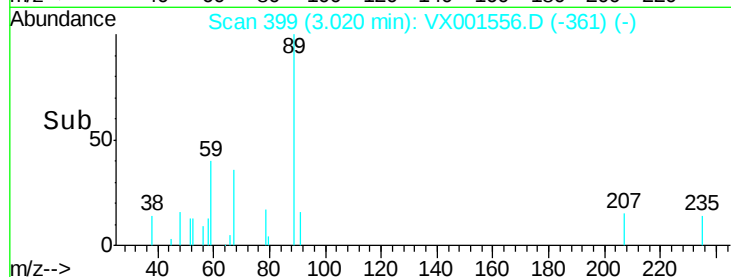
50

0

3.00

3.05

Time-->



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001556.D

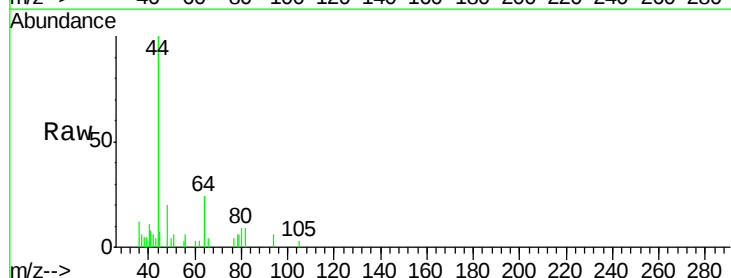
Acq: 09 May 2018 15:46

Tgt Ion: 56 Resp: 138

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

100

50

0

2.26

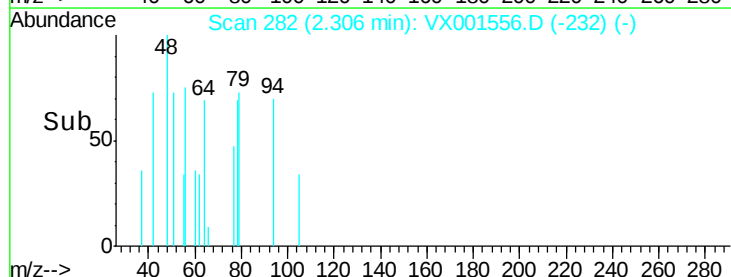
2.28

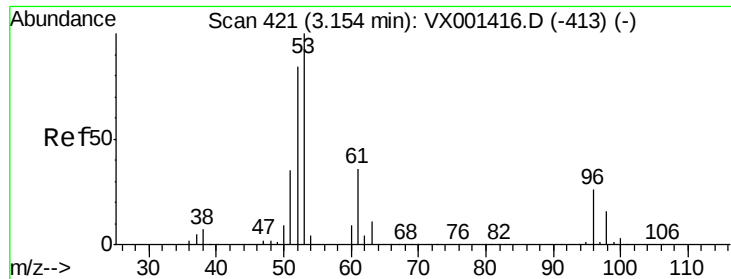
2.30

2.32

2.34

Time-->





#15

Acrylonitrile

Concen: 0.28 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampled :

TB-05032018

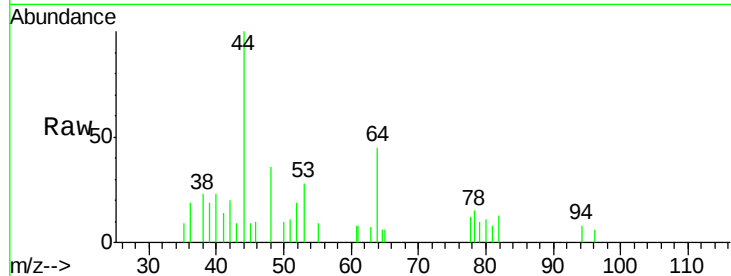
Tgt Ion: 53 Resp: 480

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

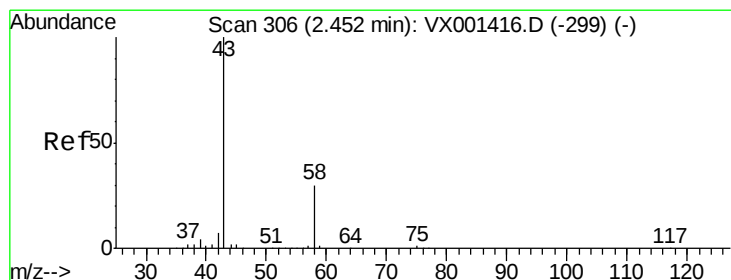
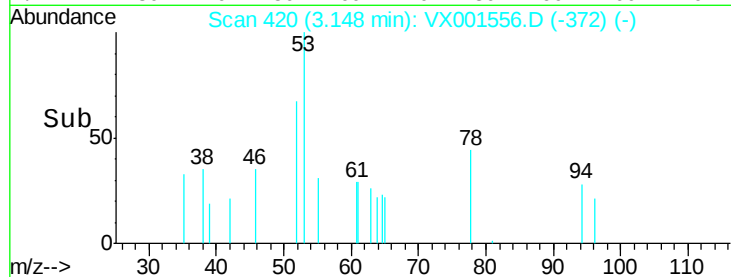
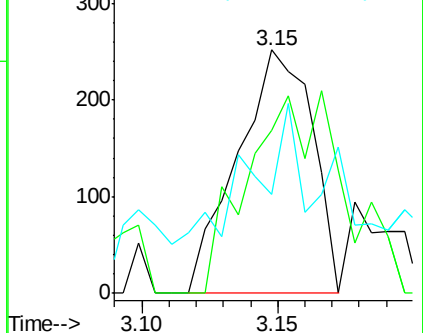
51 37.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 7.84 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001556.D

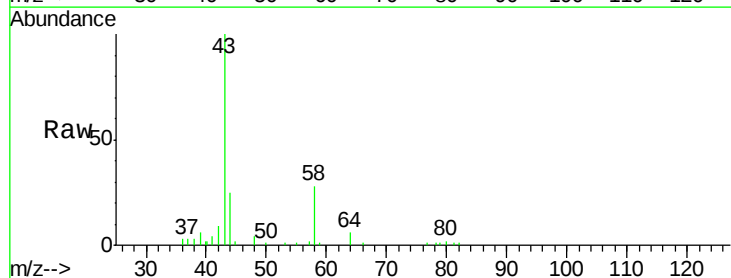
Acq: 09 May 2018 15:46

Tgt Ion: 43 Resp: 12791

Ion Ratio Lower Upper

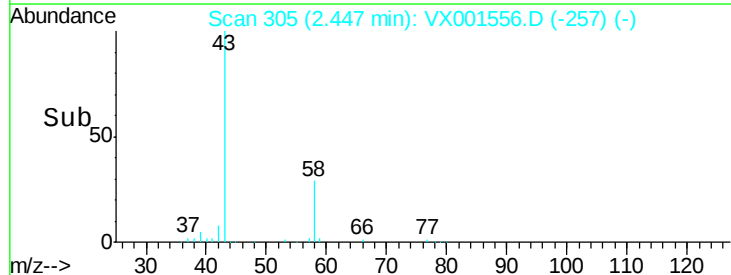
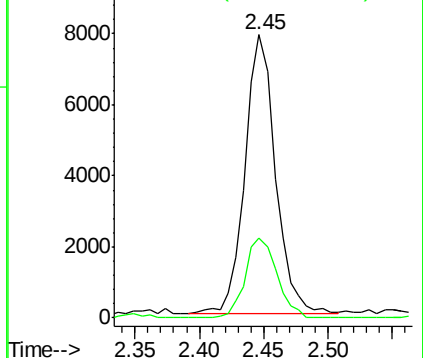
43 100

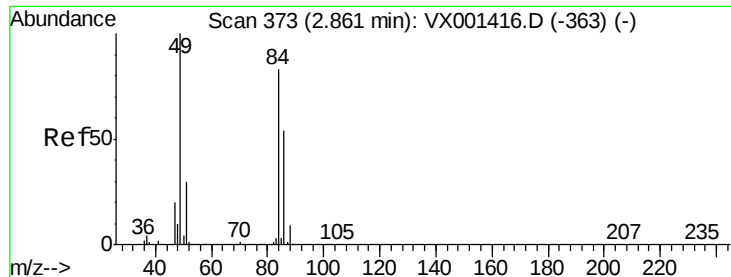
58 28.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 0.71 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

TB-05032018

Tgt Ion: 84 Resp: 2299

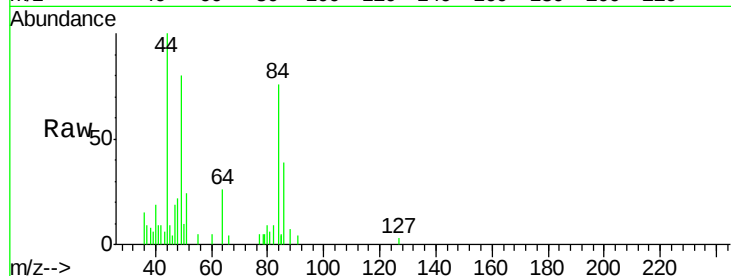
Ion Ratio Lower Upper

84 100

49 105.0 96.6 144.8

51 32.2 29.0 43.4

86 50.7 52.2 78.4#

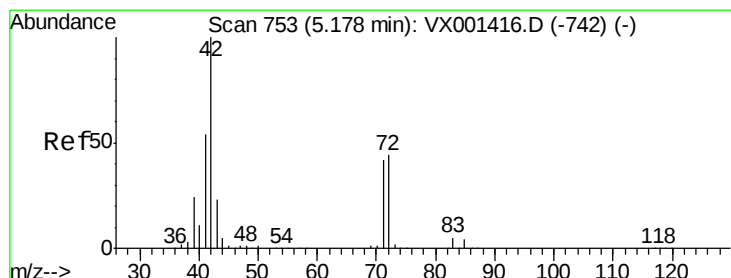
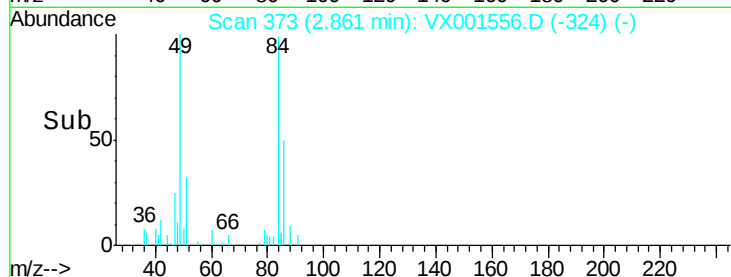
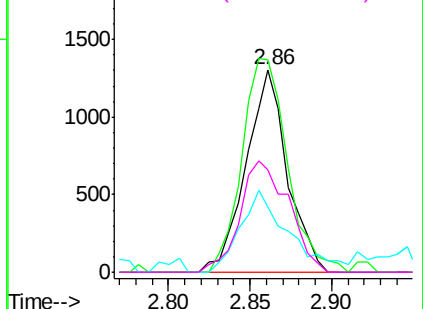


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#29

Tetrahydrofuran

Concen: 0.23 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

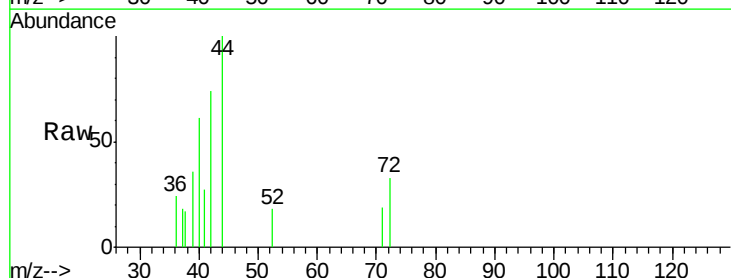
Tgt Ion: 42 Resp: 340

Ion Ratio Lower Upper

42 100

72 0.0 35.4 53.2#

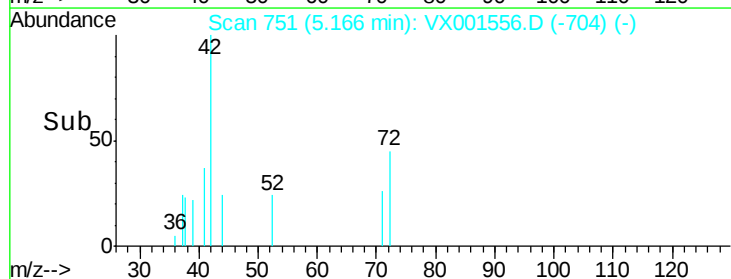
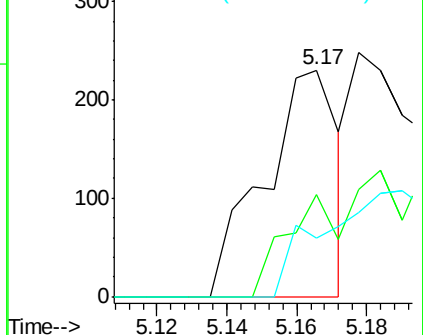
71 0.0 33.0 49.4#

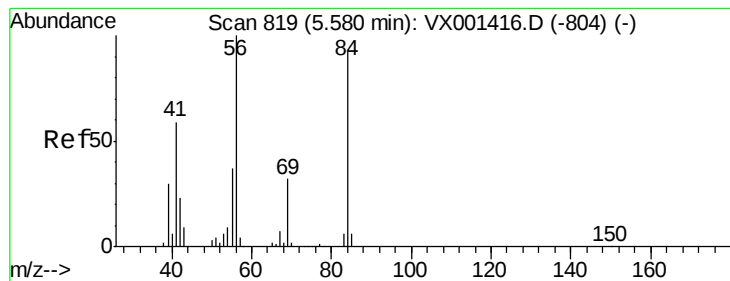


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.98 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

TB-05032018

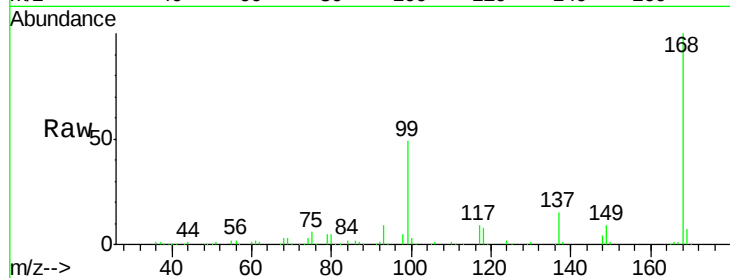
Tgt Ion: 56 Resp: 4555

Ion Ratio Lower Upper

56 100

69 148.6 25.4 38.0#

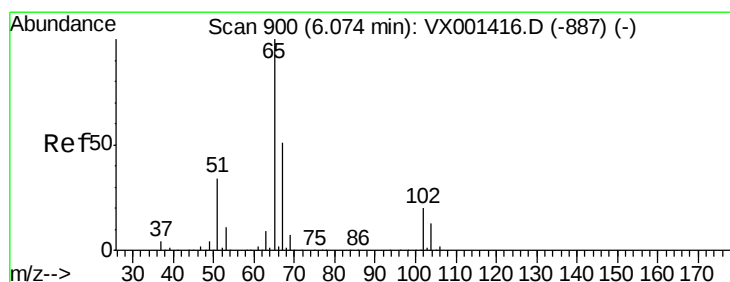
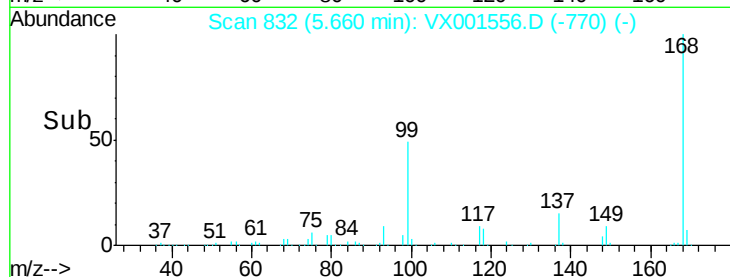
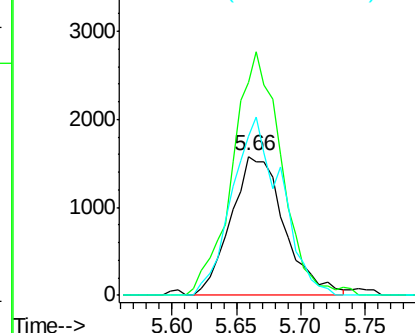
84 114.6 73.8 110.8#



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: 57.01 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001556.D

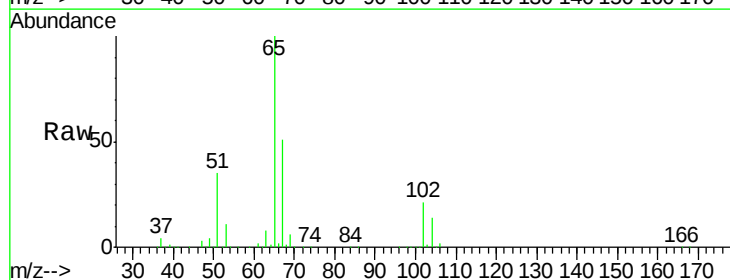
Acq: 09 May 2018 15:46

Tgt Ion: 65 Resp: 204946

Ion Ratio Lower Upper

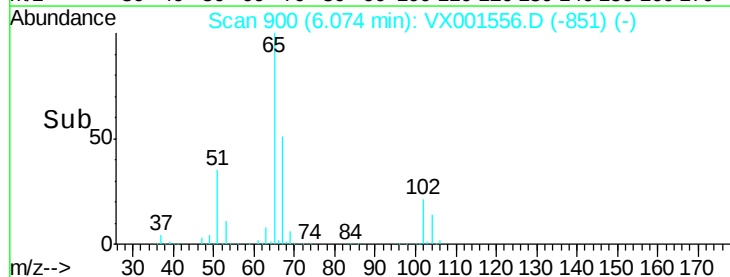
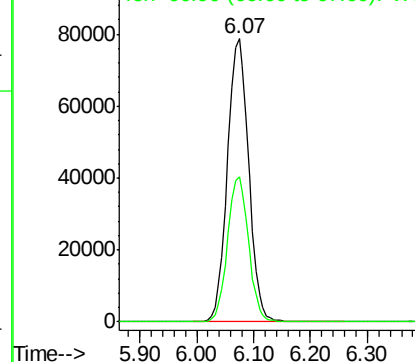
65 100

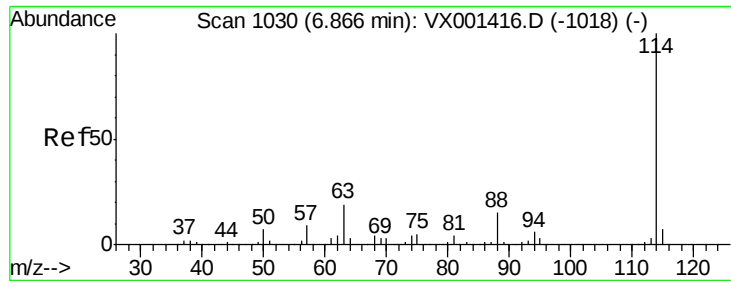
67 50.5 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

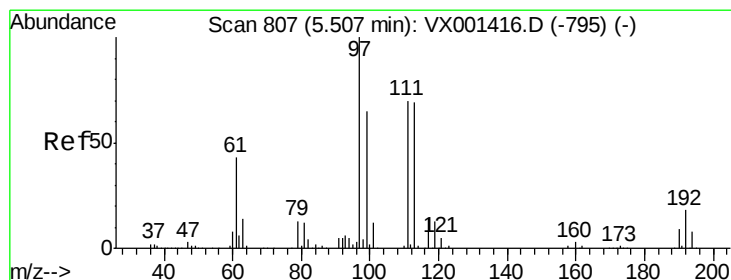
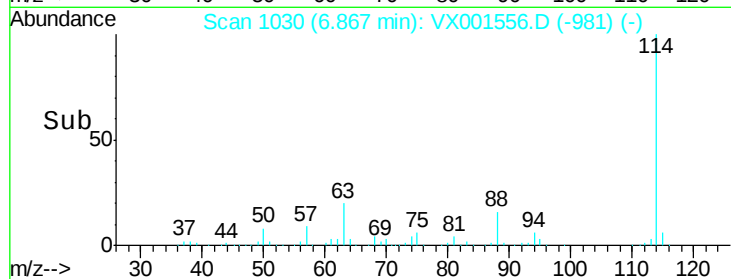
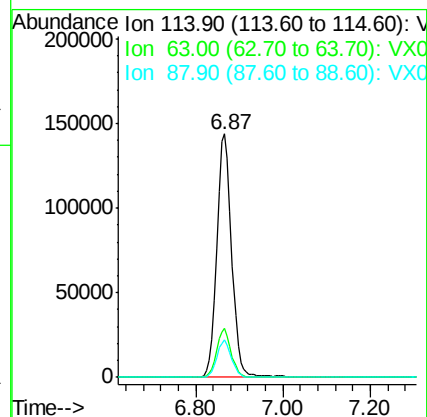
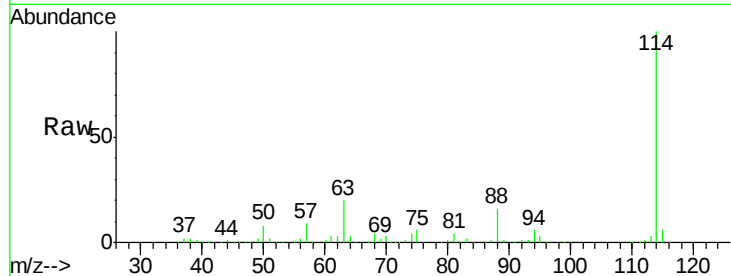




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001556.D
 Acq: 09 May 2018 15:46

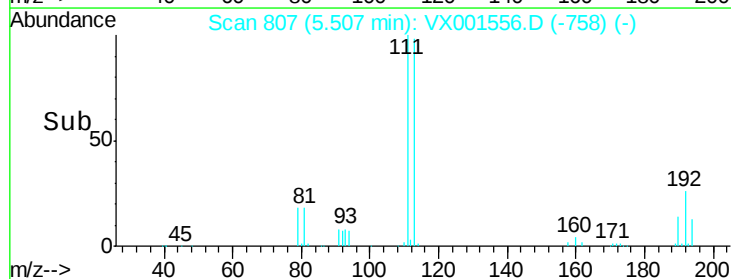
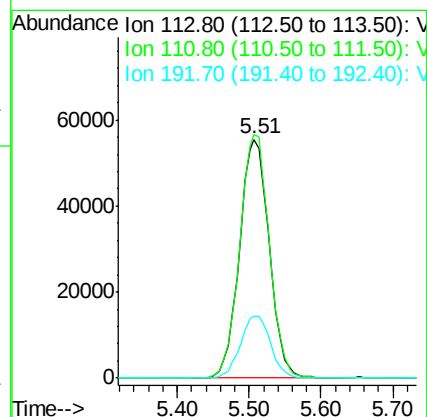
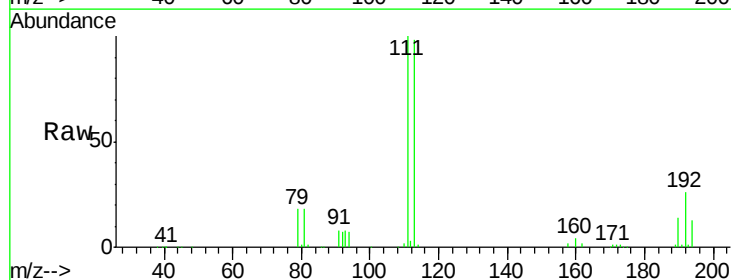
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-05032018

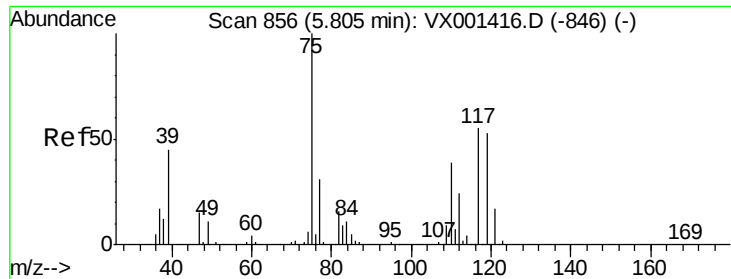
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	15.6	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 52.06 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001556.D
 Acq: 09 May 2018 15:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	26.6	21.4	32.0

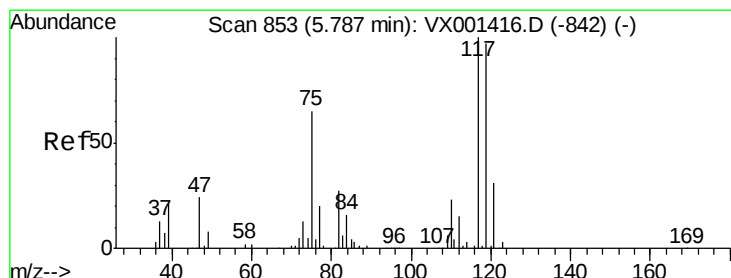
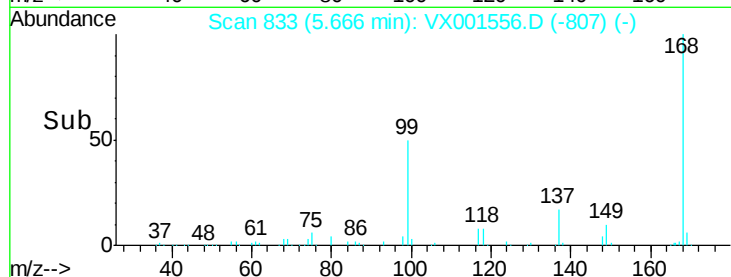
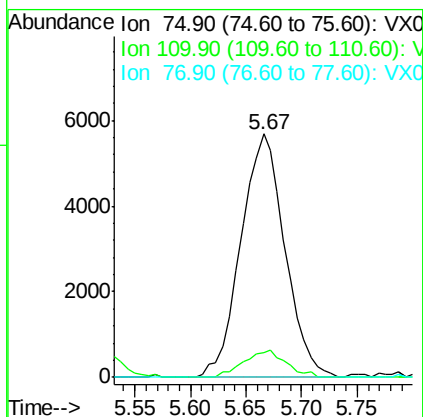
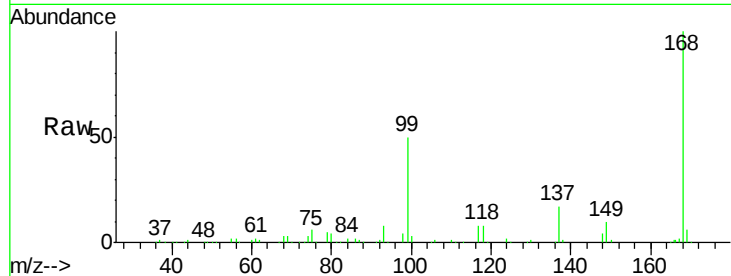




#36
 1,1-Dichloropropene
 Concen: 3.58 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001556.D
 Acq: 09 May 2018 15:46

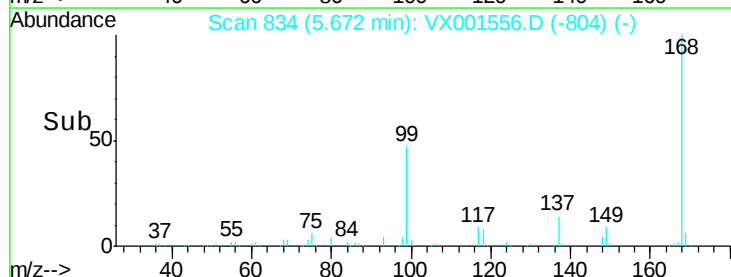
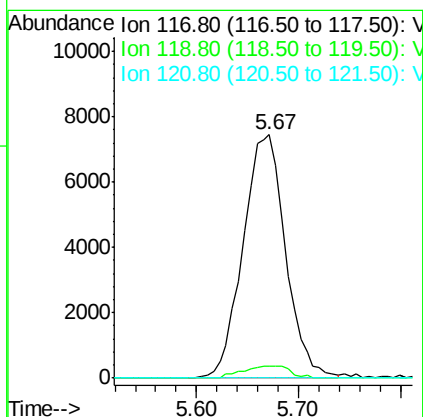
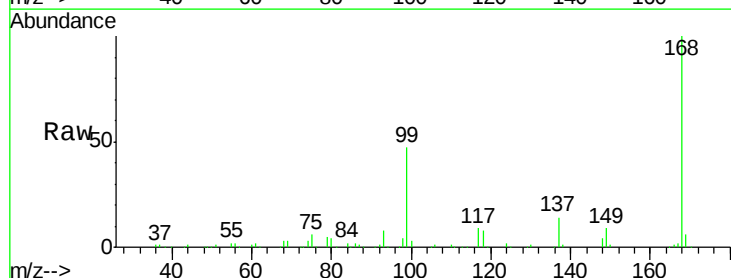
Instrument :
 MSVOA_X
 ClientSampled :
 TB-05032018

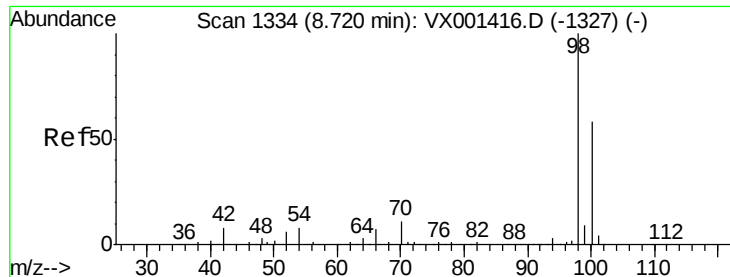
Tgt Ion: 75 Resp: 15591
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.64 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001556.D
 Acq: 09 May 2018 15:46

Tgt Ion: 117 Resp: 21530
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.0 115.6#
 121 0.0 25.1 37.7#

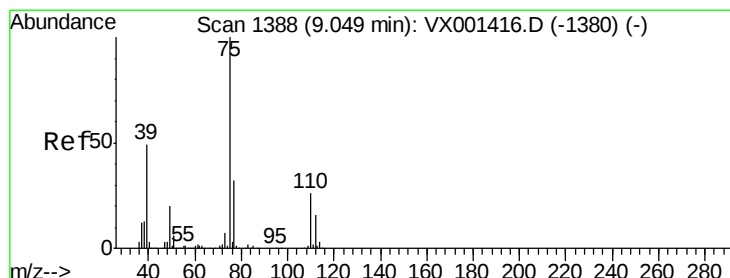
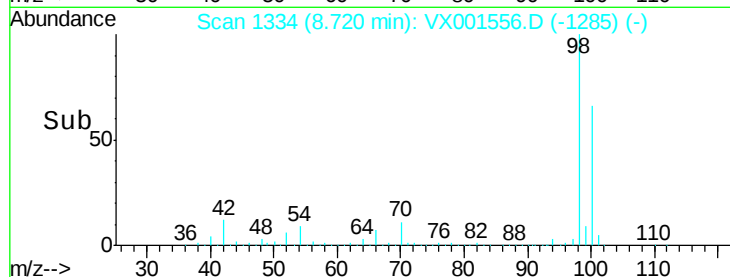
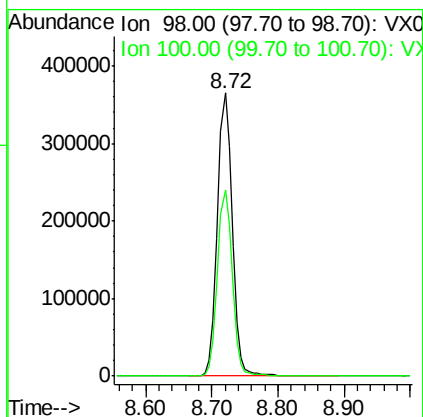
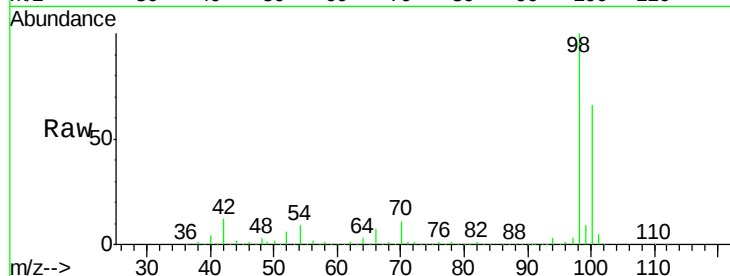




#50
Toluene-d8
Concen: 50.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001556.D
Acq: 09 May 2018 15:46

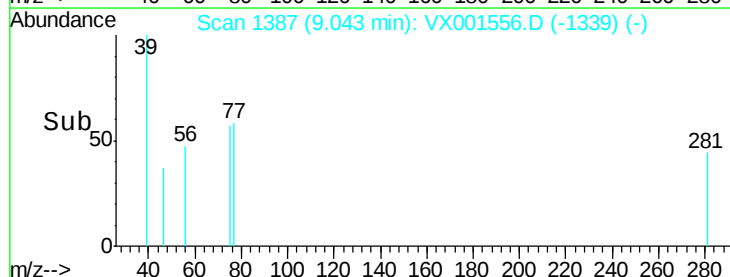
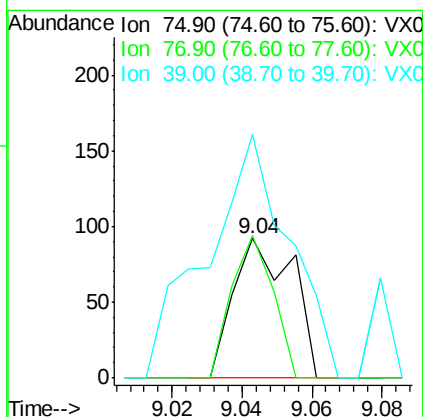
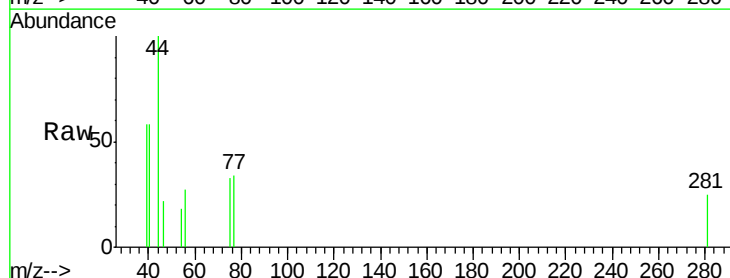
Instrument :
MSVOA_X
ClientSampleId :
TB-05032018

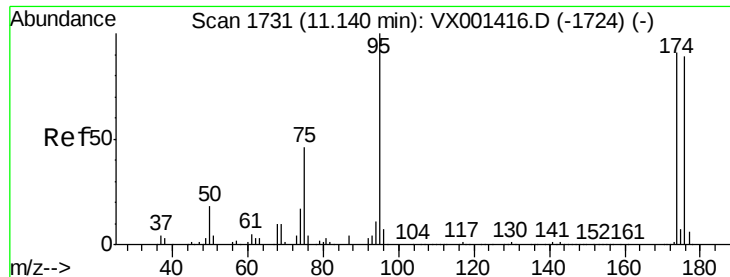
Tgt Ion: 98 Resp: 566696
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0



#54
cis-1,3-Dichloropropene
Concen: 2.28 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX001556.D
Acq: 09 May 2018 15:46

Tgt Ion: 75 Resp: 107
Ion Ratio Lower Upper
75 100
77 102.2 25.5 38.3#
39 175.0 38.9 58.3#

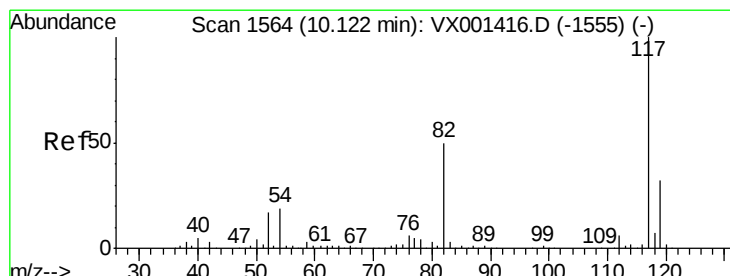
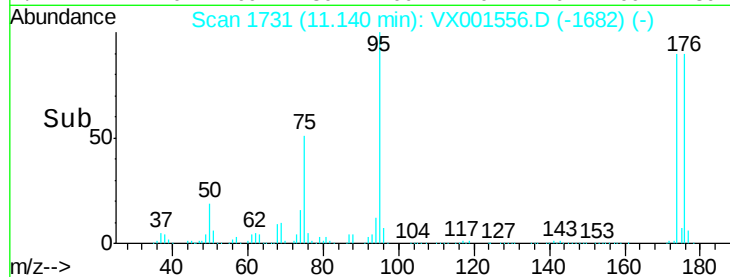
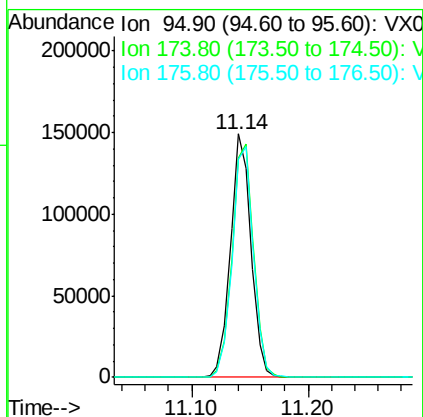
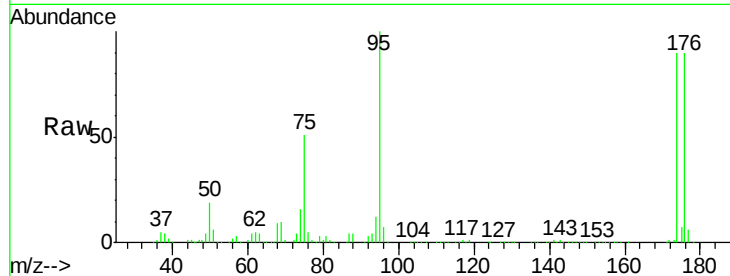




#62
4-Bromofluorobenzene
Concen: 42.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001556.D
Acq: 09 May 2018 15:46

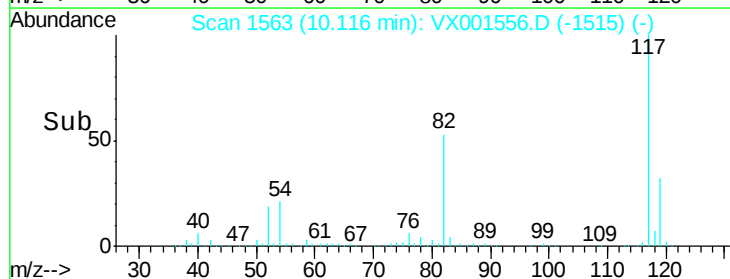
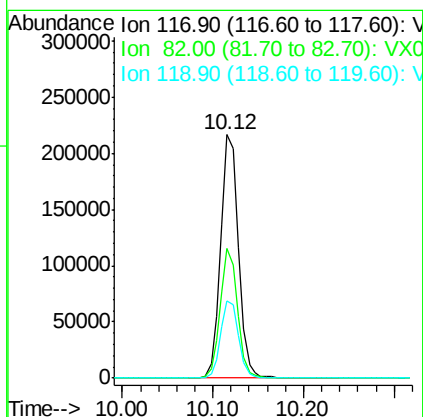
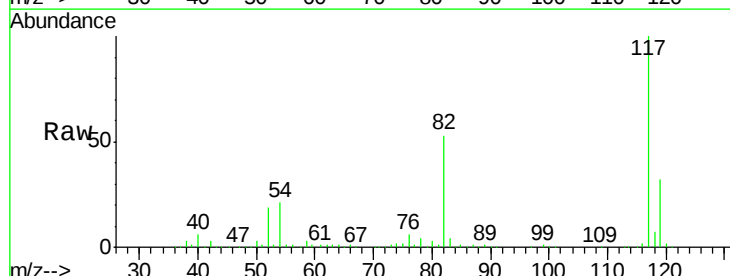
Instrument :
MSVOA_X
ClientSampleId :
TB-05032018

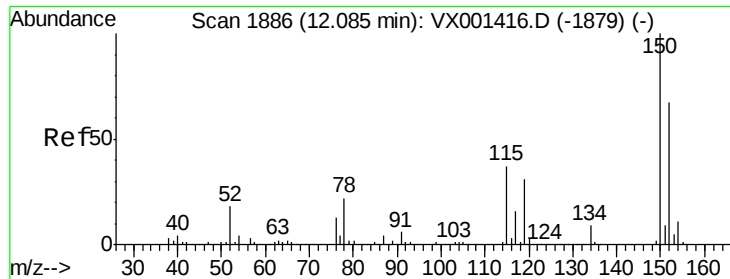
Tgt Ion: 95 Resp: 183173
Ion Ratio Lower Upper
95 100
174 100.4 0.0 202.0
176 98.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001556.D
Acq: 09 May 2018 15:46

Tgt Ion: 117 Resp: 297938
Ion Ratio Lower Upper
117 100
82 53.1 40.0 60.0
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001556.D

Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampled :

TB-05032018

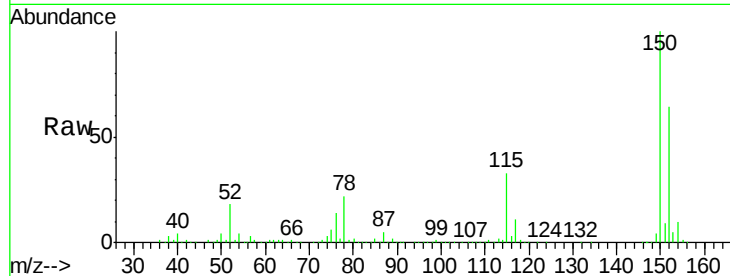
Tgt Ion:152 Resp: 156349

Ion Ratio Lower Upper

152 100

115 53.4 37.7 113.1

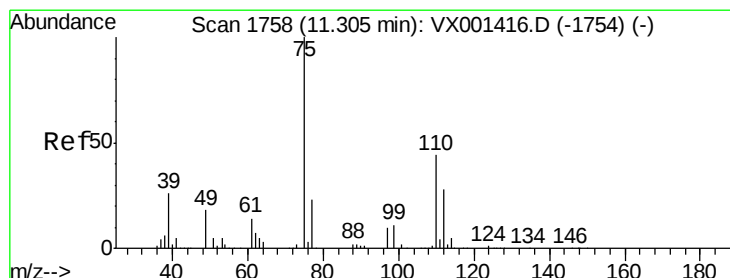
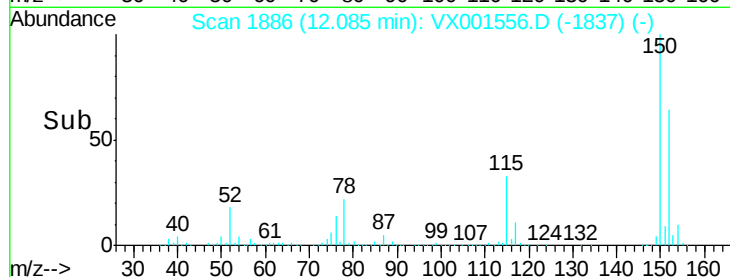
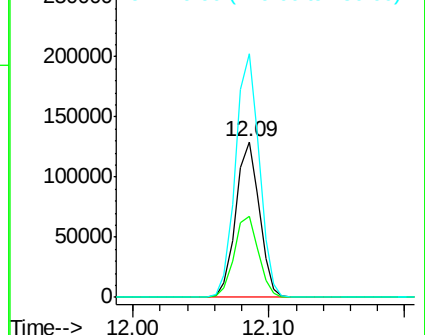
150 157.8 0.0 349.4



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: 29.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001556.D

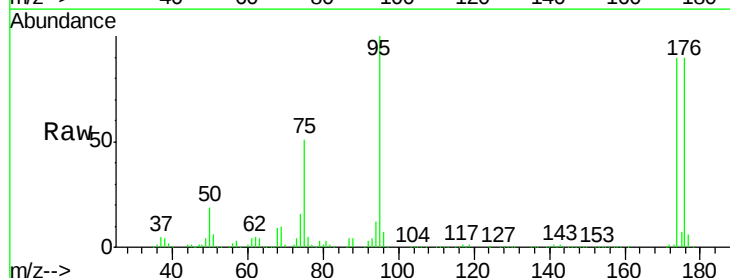
Acq: 09 May 2018 15:46

Tgt Ion: 75 Resp: 92110

Ion Ratio Lower Upper

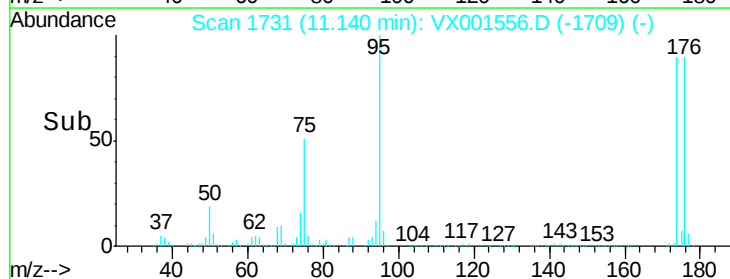
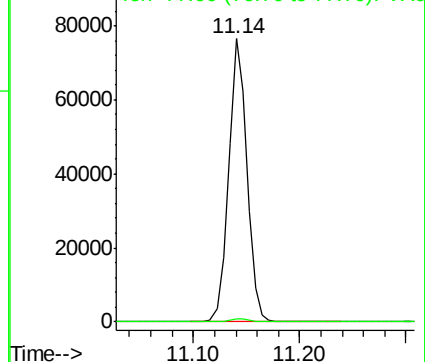
75 100

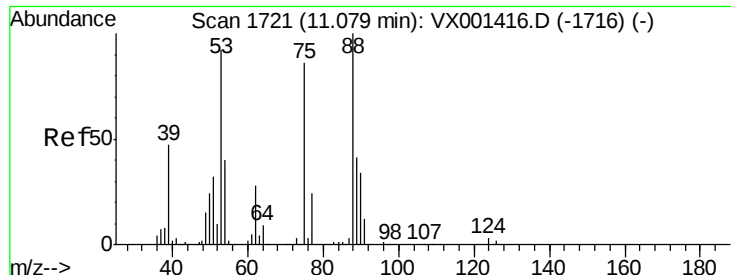
77 1.3 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 88.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001556.D

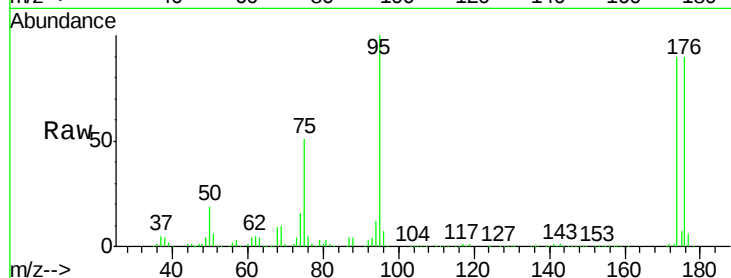
Acq: 09 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

TB-05032018



Tgt Ion:	75	Resp:	92110
Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.5	126.7#
89	0.0	39.5	59.3#

