

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001409.D
 Acq On : 04 May 2018 20:47
 Operator : JC/MD
 Sample : J2707-17
 Misc : 6.47g/5mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(7-7.5)

Quant Time: May 05 05:46:30 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	164959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	226025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	104713	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.51	113	86997	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
50) Toluene-d8	8.72	98	298512	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
62) 4-Bromofluorobenzene	11.15	95	91914	33.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.08%	

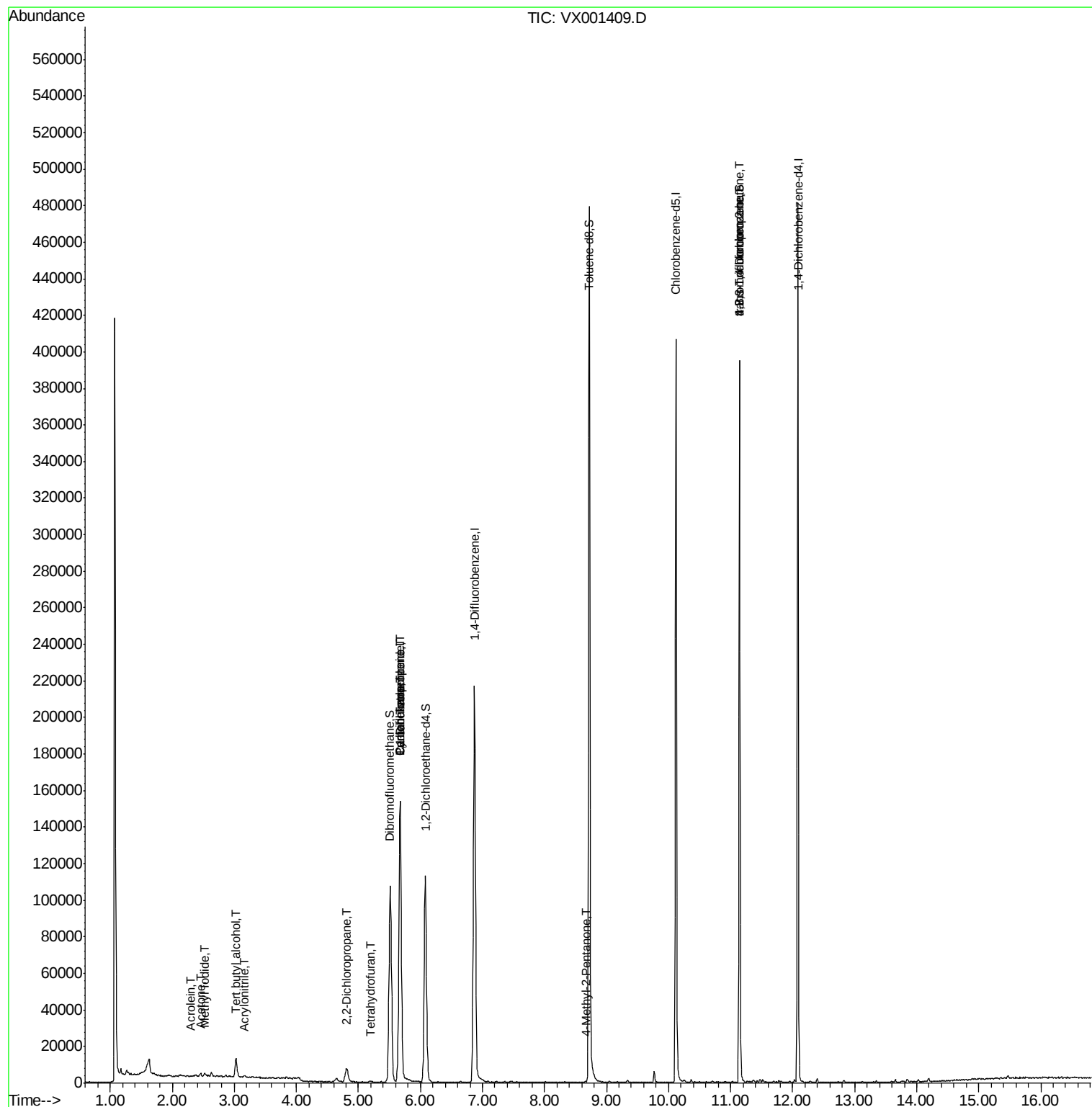
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1006	Below Cal	#	79
10) Methyl Iodide	2.52	142	1595	5.06	ug/l	98
11) Tert butyl alcohol	3.03	59	5948	15.14	ug/l	# 76
13) Acrolein	2.30	56	146	0.65	ug/l	# 41
15) Acrylonitrile	3.15	53	469	0.52	ug/l	# 80
16) Acetone	2.45	43	1651	1.69	ug/l	99
20) Methylene Chloride	2.87	84	306	Below Cal	#	75
26) 2,2-Dichloropropane	4.82	77	857	0.34	ug/l	# 52
29) Tetrahydrofuran	5.20	42	604	0.75	ug/l	# 39
31) Cyclohexane	5.67	56	3064	1.09	ug/l	# 38
36) 1,1-Dichloropropene	5.67	75	10064	3.86	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	14230	5.21	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.67	43	668	0.24	ug/l	# 68
76) 1,2,3-Trichloropropane	11.14	75	47164	25.15	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	47164	79.09	ug/l	# 6

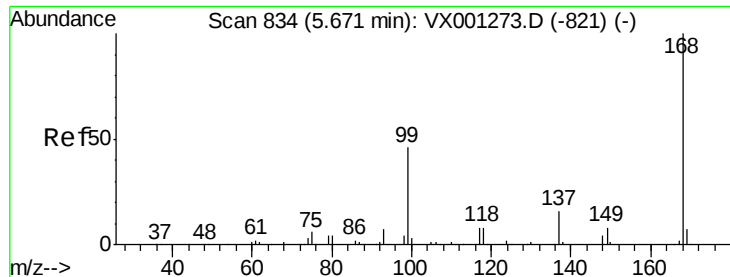
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001409.D

Acq: 04 May 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

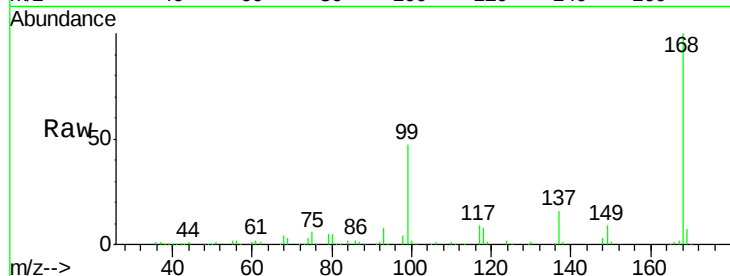
SB-11(7-7.5)

Tgt Ion:168 Resp: 164959

Ion Ratio Lower Upper

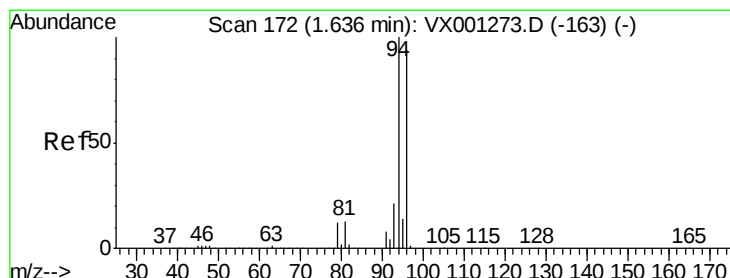
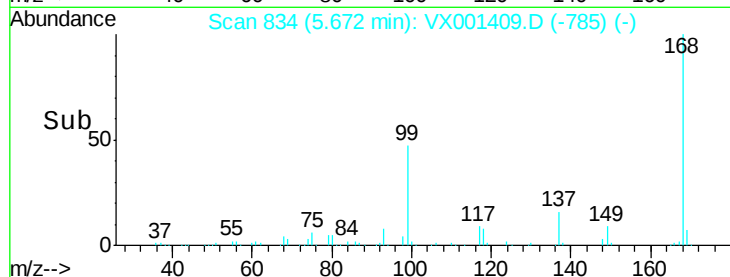
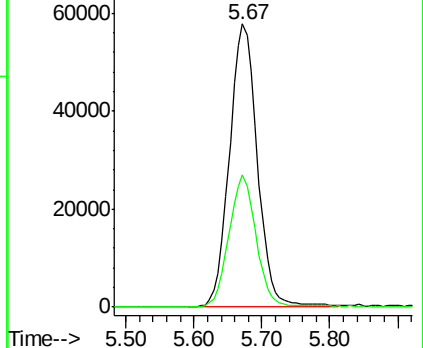
168 100

99 46.9 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# 172

Delta R.T. 0.00 min

Lab File: VX001409.D

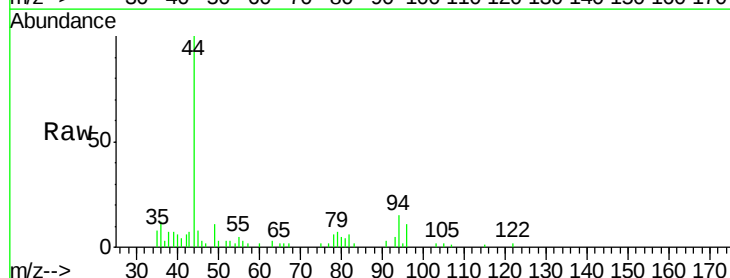
Acq: 04 May 2018 20:47

Tgt Ion: 94 Resp: 1006

Ion Ratio Lower Upper

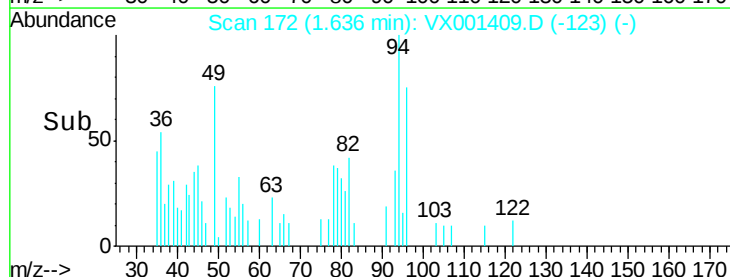
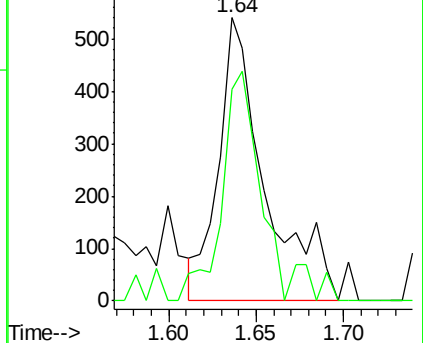
94 100

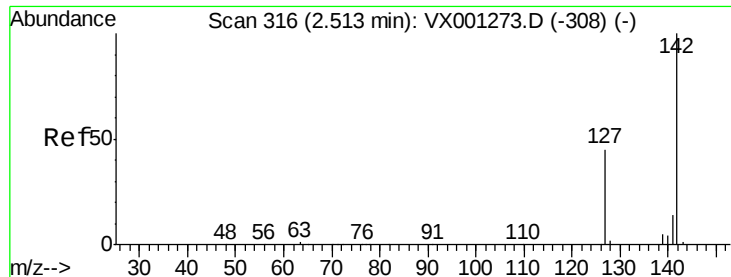
96 74.6 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

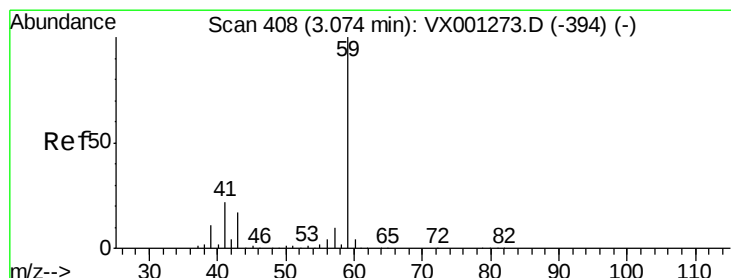
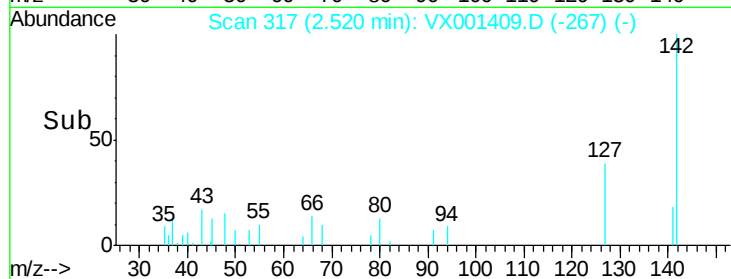
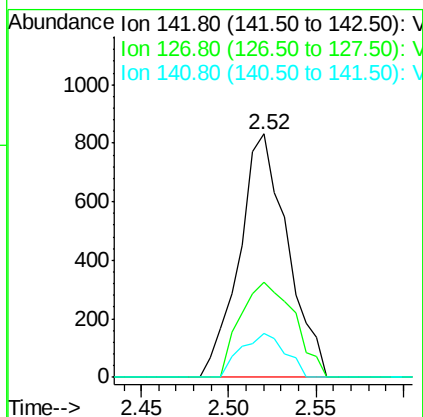
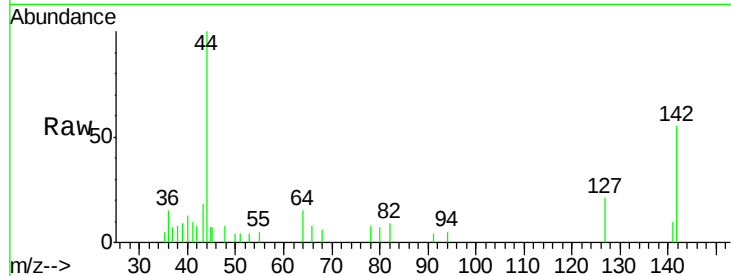




#10
Methyl Iodide
Concen: 5.06 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001409.D
Acq: 04 May 2018 20:47

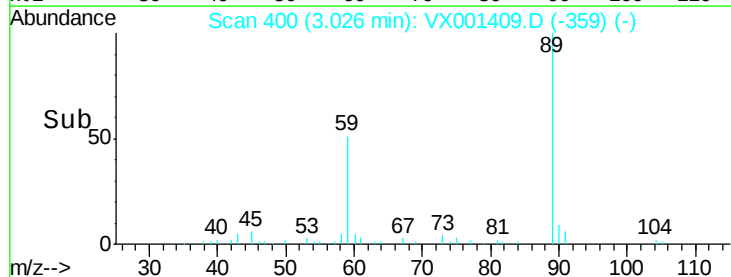
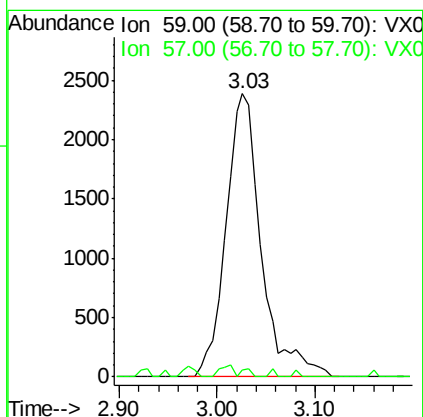
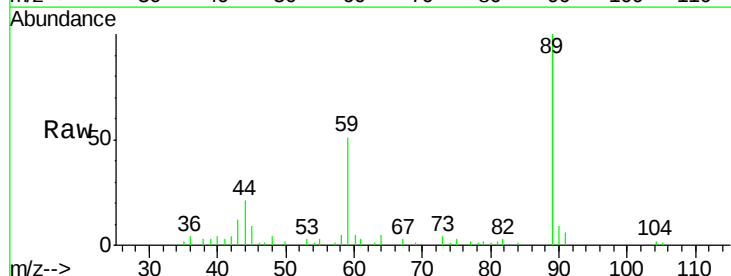
Instrument :
MSVOA_X
ClientSampled :
SB-11(7-7.5)

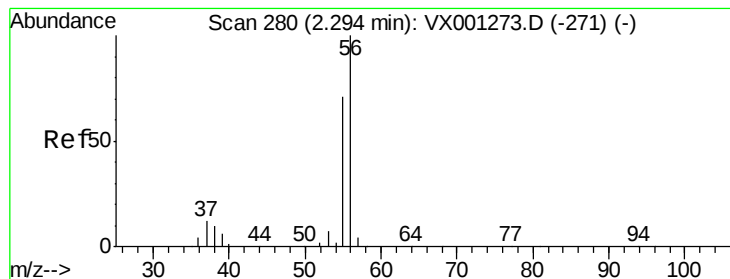
Tgt Ion:142 Resp: 1595
Ion Ratio Lower Upper
142 100
127 43.8 35.7 53.5
141 16.4 11.4 17.0



#11
Tert butyl alcohol
Concen: 15.14 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX001409.D
Acq: 04 May 2018 20:47

Tgt Ion: 59 Resp: 5948
Ion Ratio Lower Upper
59 100
57 1.5 8.6 12.8#





#13

Acrolein

Concen: 0.65 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001409.D

Acq: 04 May 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

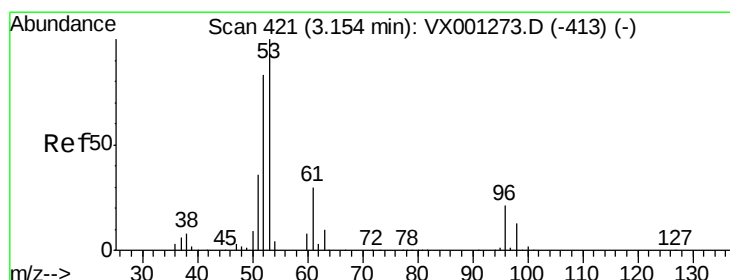
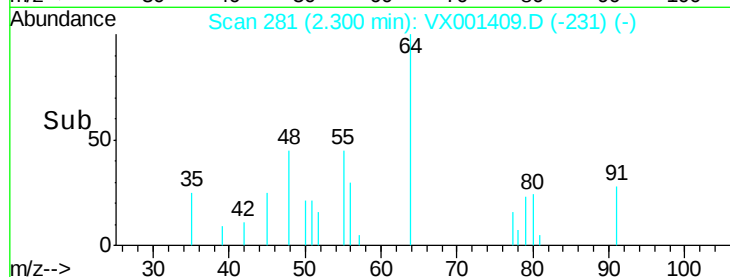
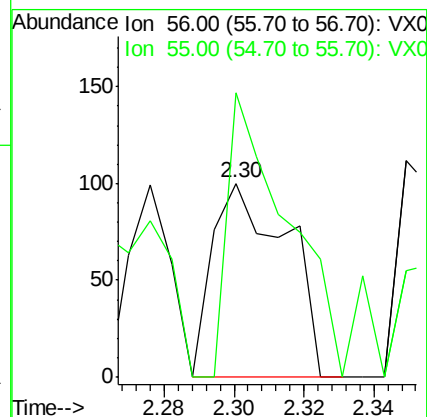
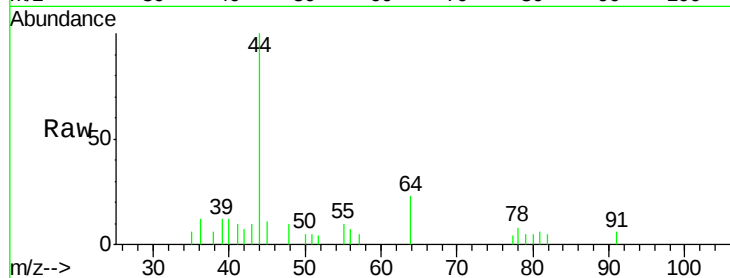
SB-11(7-7.5)

Tgt Ion: 56 Resp: 146

Ion Ratio Lower Upper

56 100

55 120.5 57.2 85.8#



#15

Acrylonitrile

Concen: 0.52 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001409.D

Acq: 04 May 2018 20:47

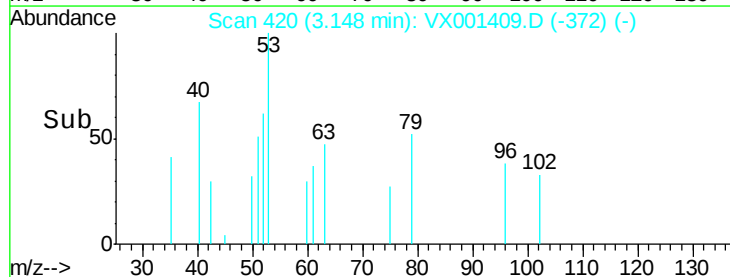
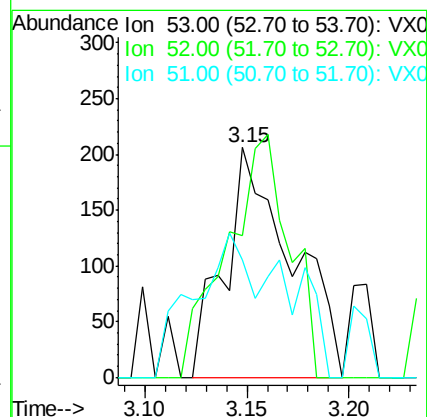
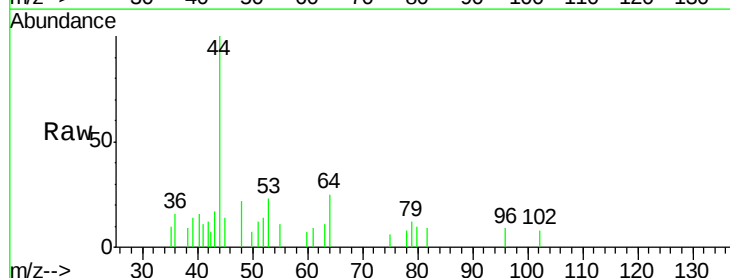
Tgt Ion: 53 Resp: 469

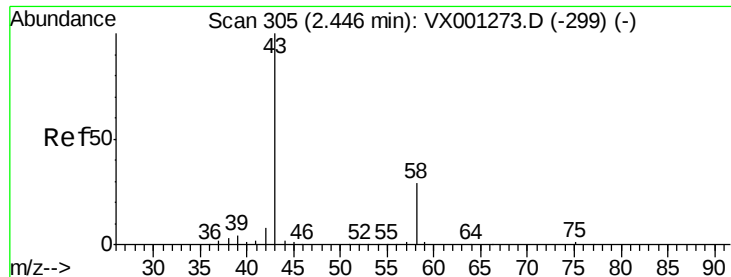
Ion Ratio Lower Upper

53 100

52 99.4 67.0 100.4

51 52.9 29.9 44.9#





#16

Acetone

Concen: 1.69 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001409.D

Acq: 04 May 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

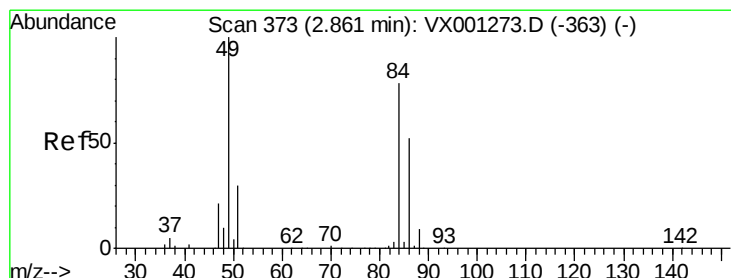
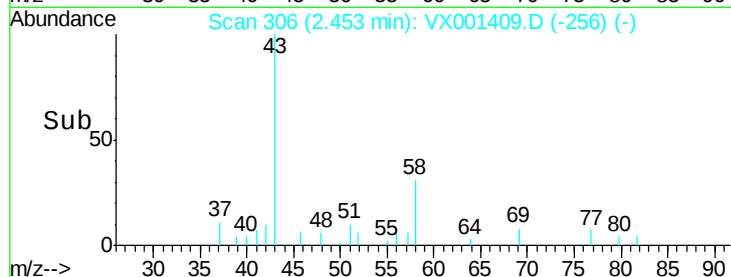
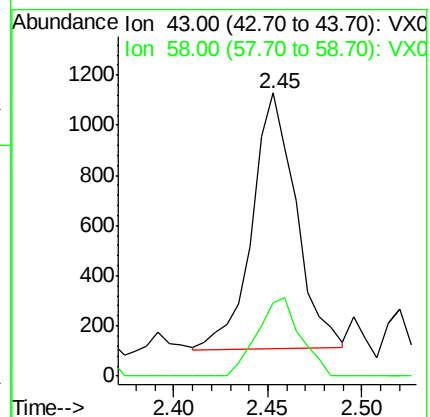
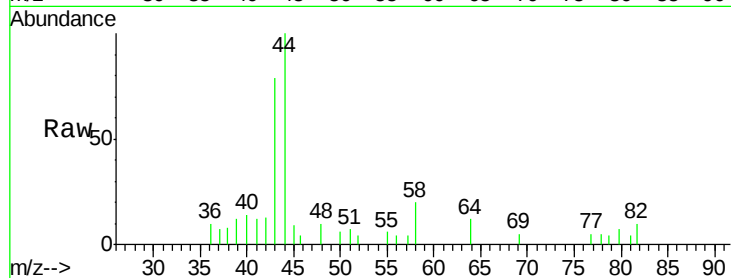
SB-11(7-7.5)

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

43 100

58 28.9 22.8 34.2



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001409.D

Acq: 04 May 2018 20:47

Tgt Ion: 84 Resp: 306

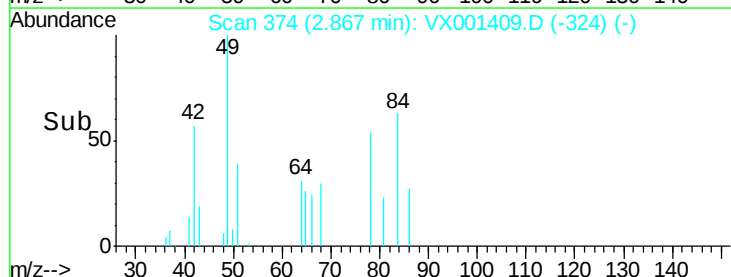
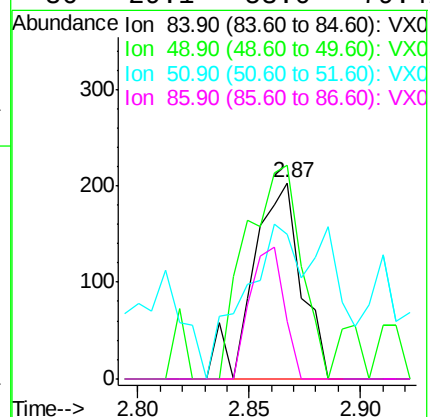
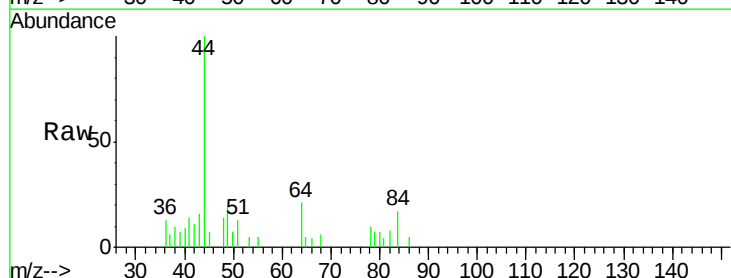
Ion Ratio Lower Upper

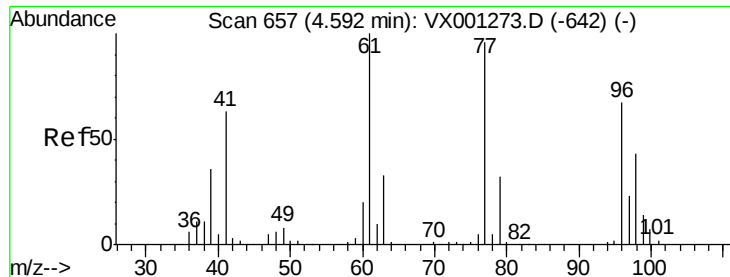
84 100

49 108.9 102.8 154.2

51 46.3 30.9 46.3

86 29.1 53.0 79.4#

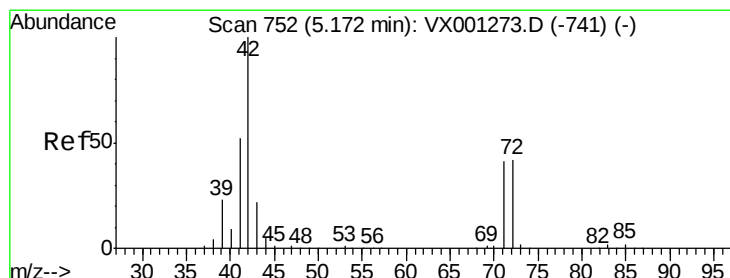
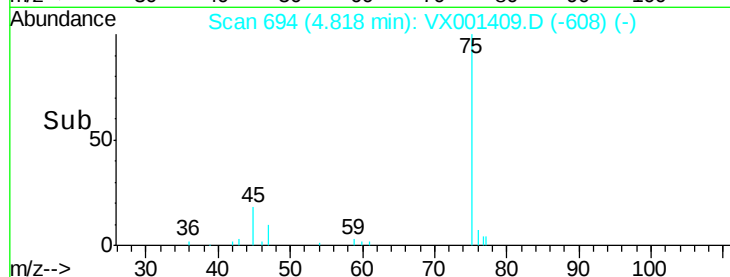
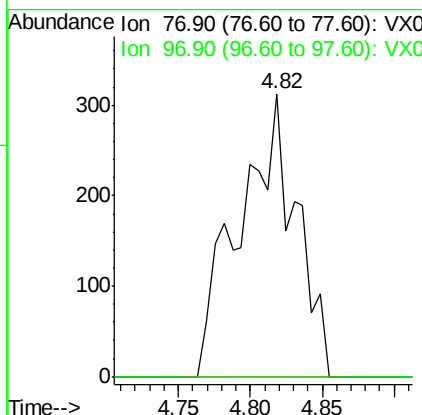
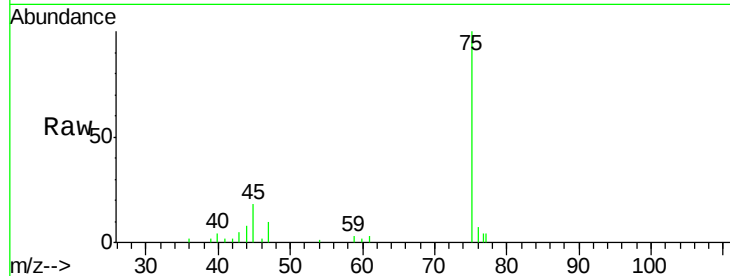




#26
 2,2-Dichloropropane
 Concen: 0.34 ug/l
 RT: 4.82 min Scan# 694
 Delta R.T. 0.23 min
 Lab File: VX001409.D
 Acq: 04 May 2018 20:47

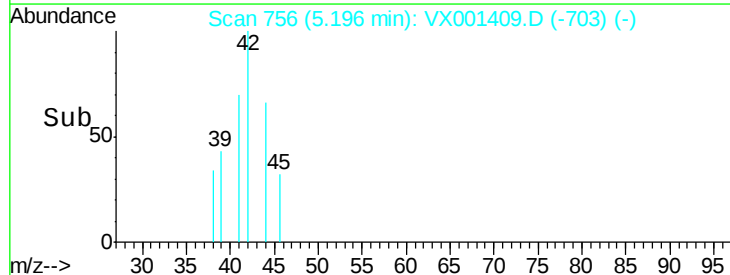
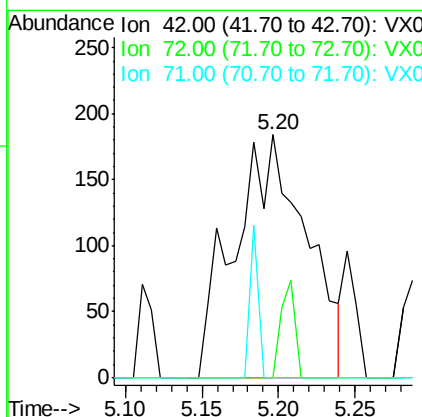
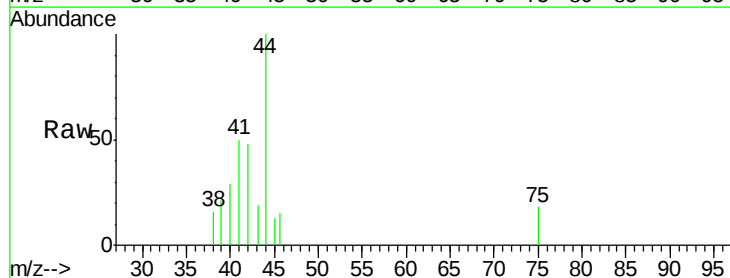
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(7-7.5)

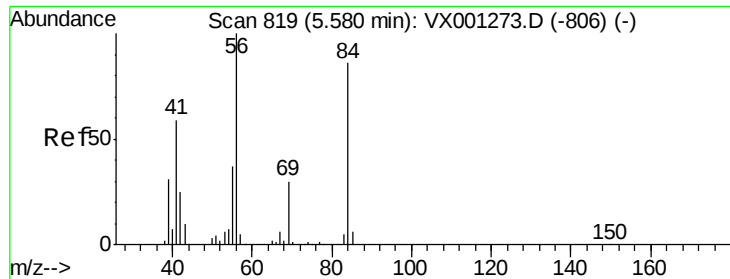
Tgt Ion: 77 Resp: 857
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#



#29
 Tetrahydrofuran
 Concen: 0.75 ug/l
 RT: 5.20 min Scan# 756
 Delta R.T. 0.02 min
 Lab File: VX001409.D
 Acq: 04 May 2018 20:47

Tgt Ion: 42 Resp: 604
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.6 52.0#
 71 7.0 32.7 49.1#

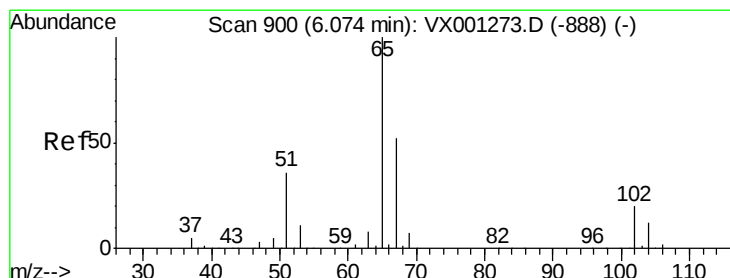
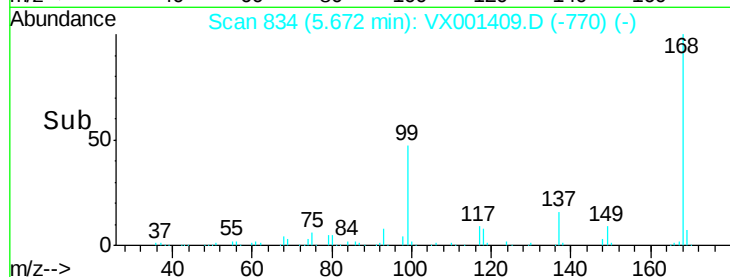
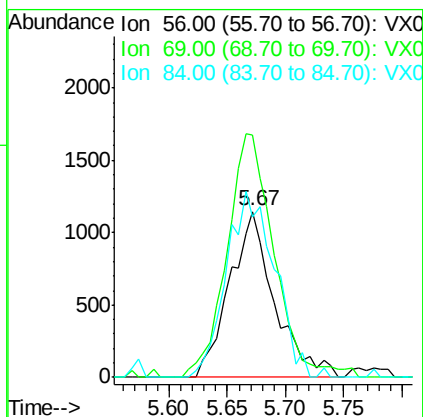
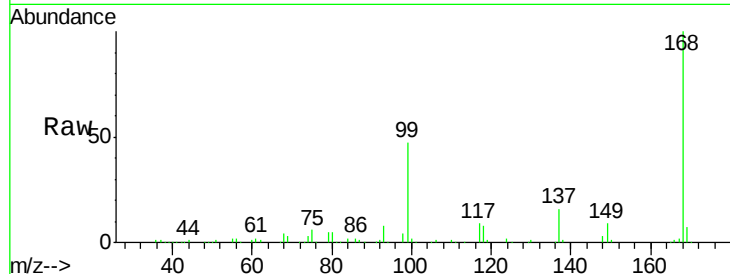




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001409.D
Acq: 04 May 2018 20:47

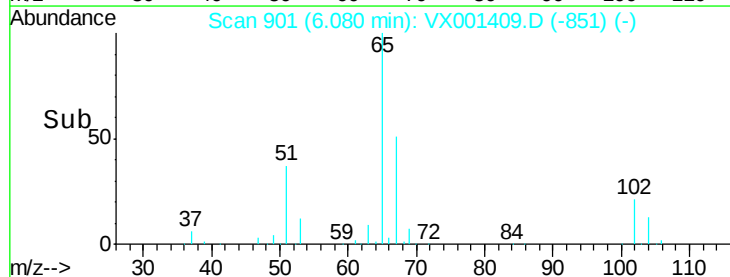
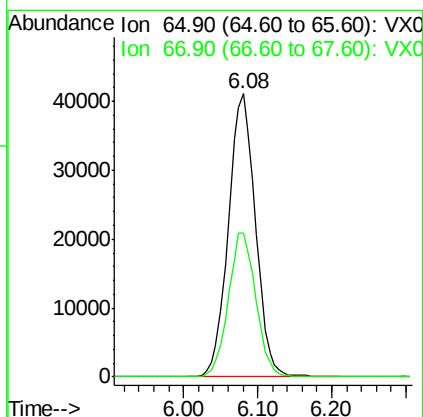
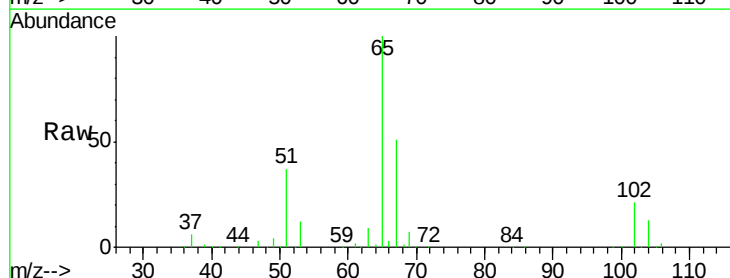
Instrument :
MSVOA_X
ClientSampled :
SB-11(7-7.5)

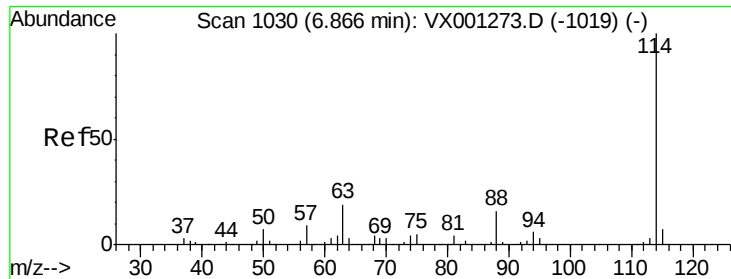
Tgt Ion: 56 Resp: 3064
Ion Ratio Lower Upper
56 100
69 141.3 24.0 36.0#
84 96.9 69.0 103.4



#33
1,2-Dichloroethane-d4
Concen: 45.86 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001409.D
Acq: 04 May 2018 20:47

Tgt Ion: 65 Resp: 104713
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

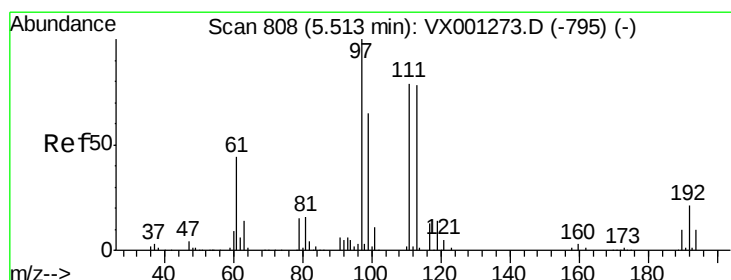
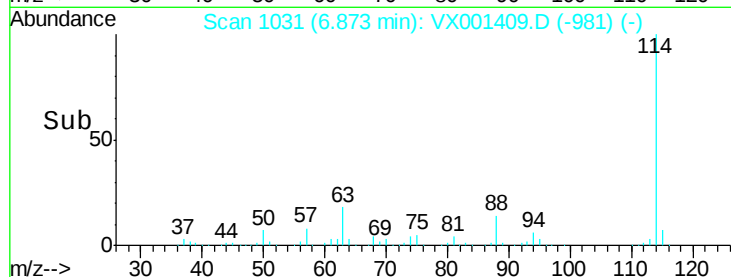
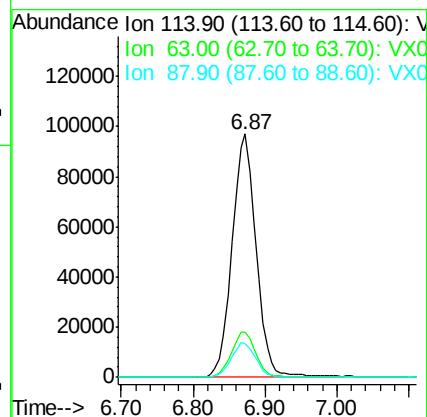
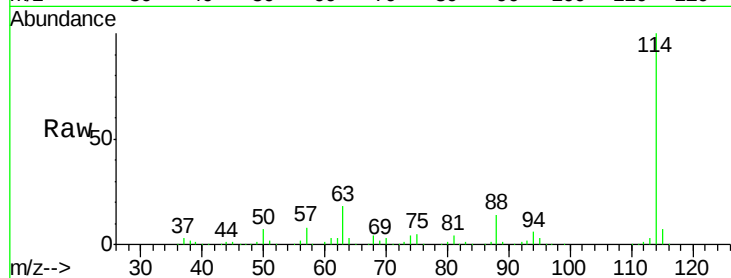




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001409.D
 Acq: 04 May 2018 20:47

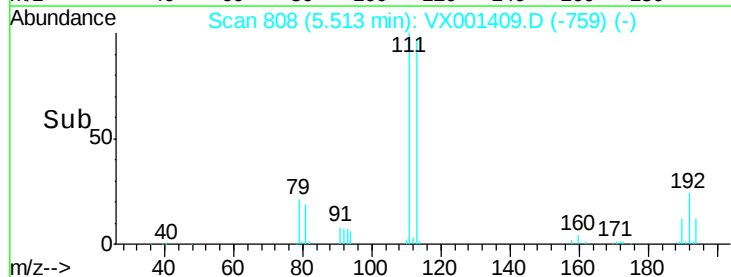
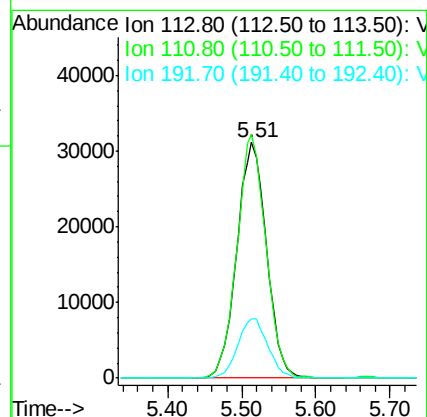
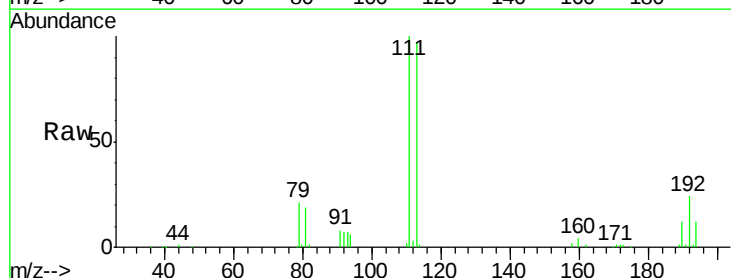
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(7-7.5)

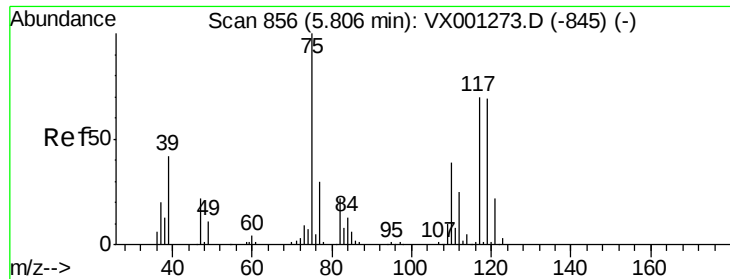
Tgt Ion:114 Resp: 226025
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 13.9 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 44.68 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001409.D
 Acq: 04 May 2018 20:47

Tgt Ion:113 Resp: 86997
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.2 121.8
 192 25.6 20.7 31.1

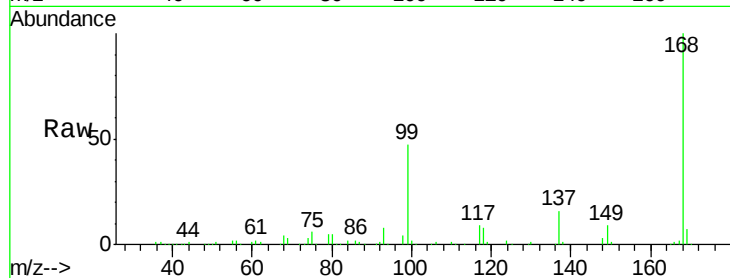




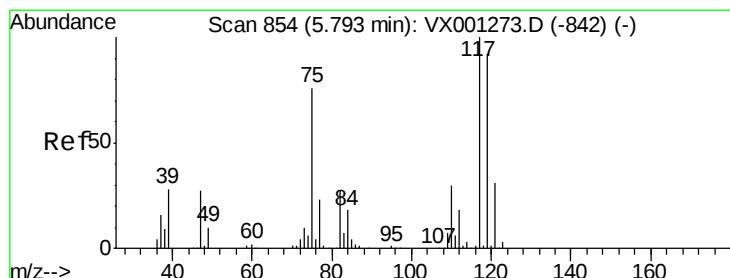
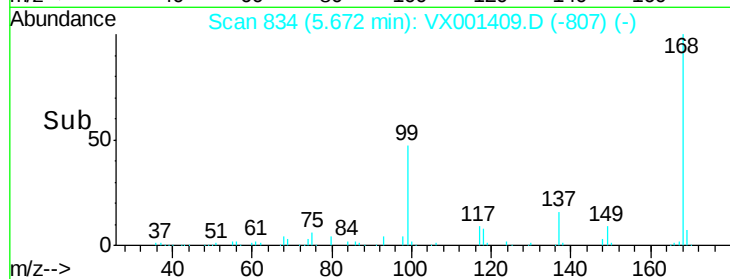
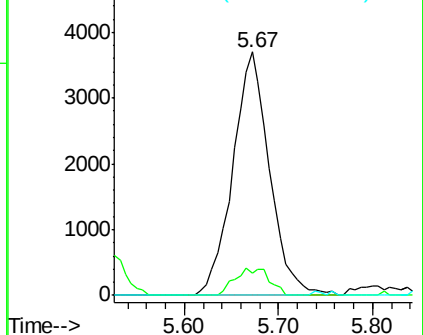
#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001409.D
 Acq: 04 May 2018 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(7-7.5)

Tgt Ion: 75 Resp: 10064
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.9 56.9#
 77 0.0 24.2 36.2#

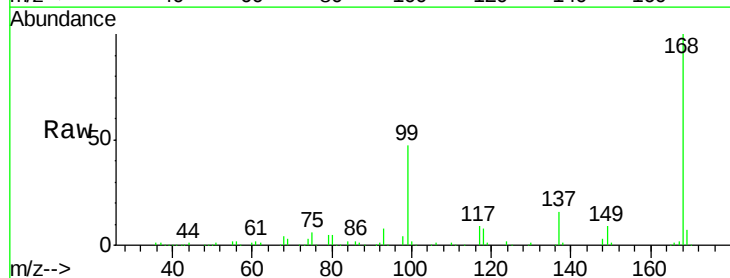


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

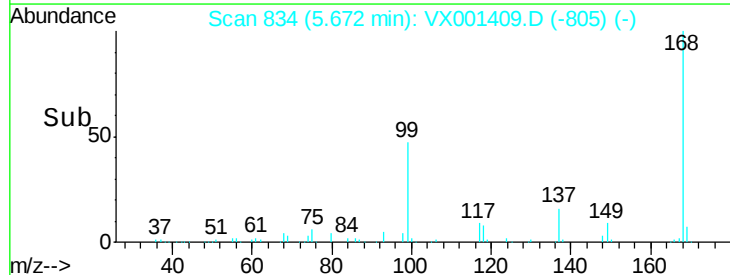
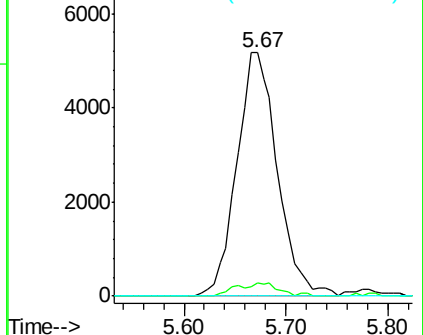


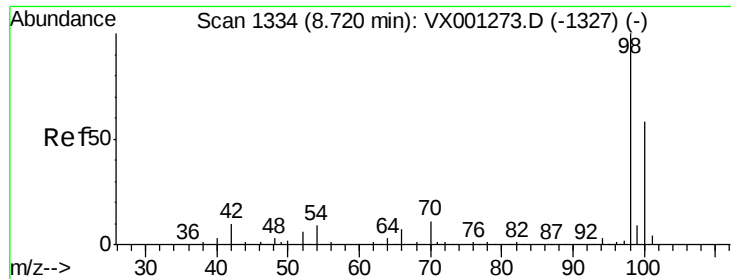
#38
 Carbon Tetrachloride
 Concen: 5.21 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001409.D
 Acq: 04 May 2018 20:47

Tgt Ion: 117 Resp: 14230
 Ion Ratio Lower Upper
 117 100
 119 5.6 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: 42.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001409.D

Acq: 04 May 2018 20:47

Instrument :

MSVOA_X

ClientSampled :

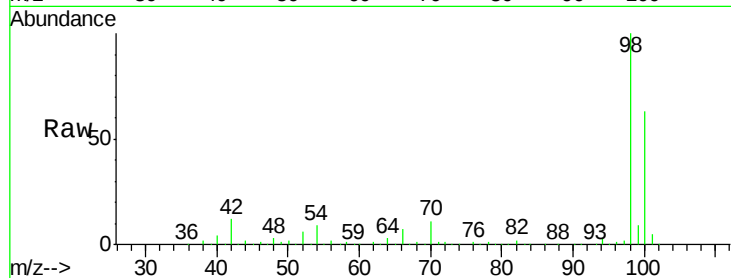
SB-11(7-7.5)

Tgt Ion: 98 Resp: 298512

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

200000

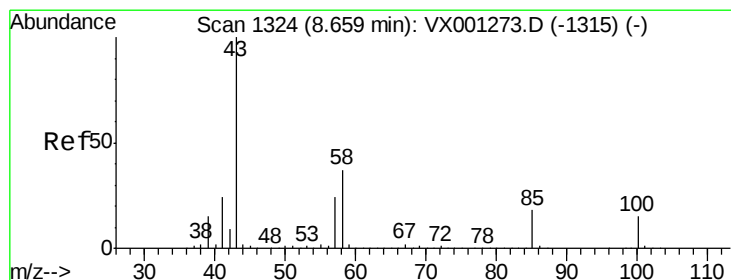
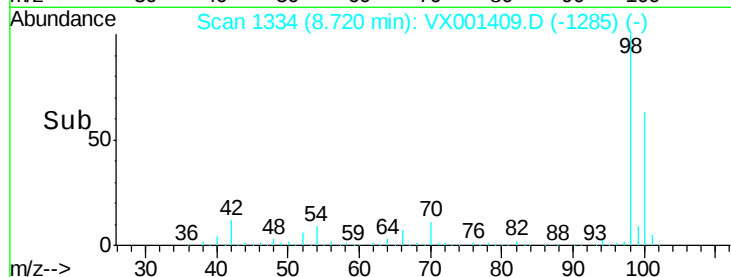
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.24 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX001409.D

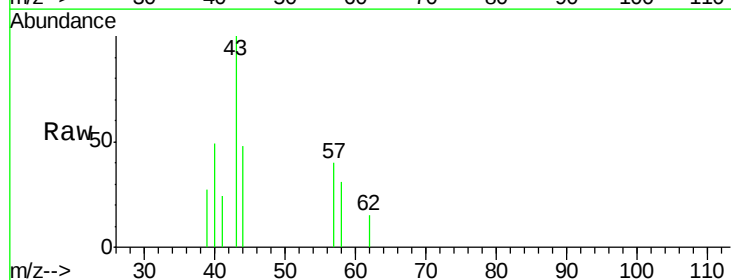
Acq: 04 May 2018 20:47

Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

43 100

58 17.2 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

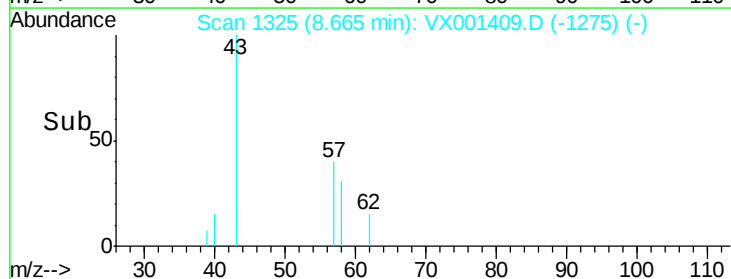
1500

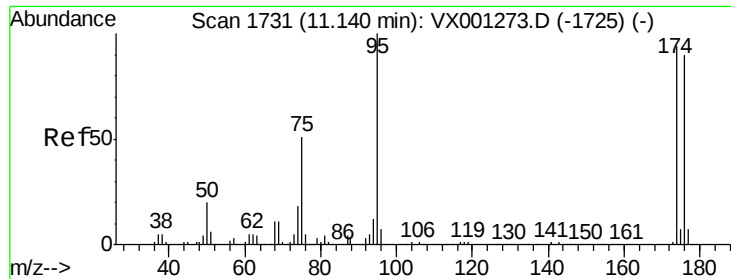
1000

500

0

Time-->

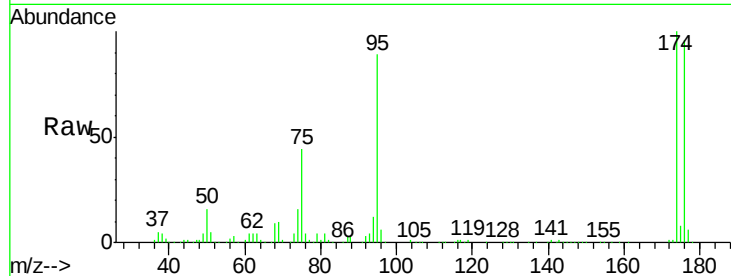




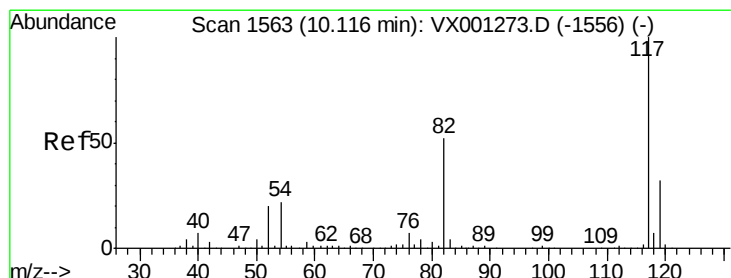
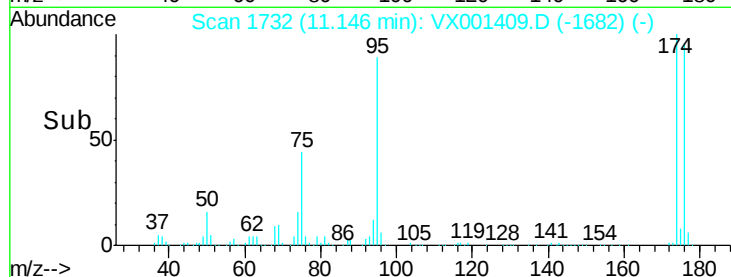
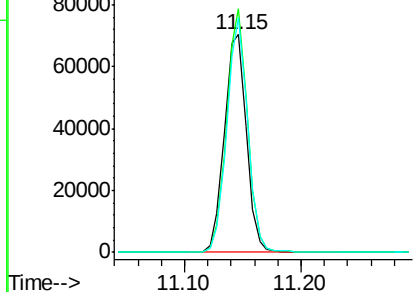
#62
4-Bromofluorobenzene
Concen: 33.04 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001409.D
Acq: 04 May 2018 20:47

Instrument :
MSVOA_X
ClientSampled :
SB-11(7-7.5)

Tgt Ion: 95 Resp: 91914
Ion Ratio Lower Upper
95 100
174 106.3 0.0 201.8
176 102.6 0.0 197.2

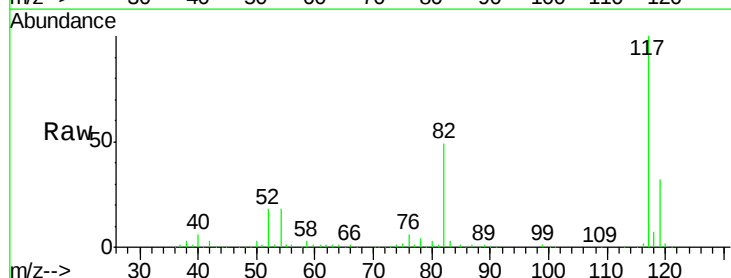


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

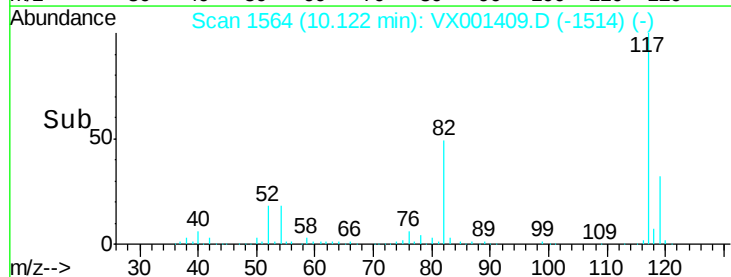
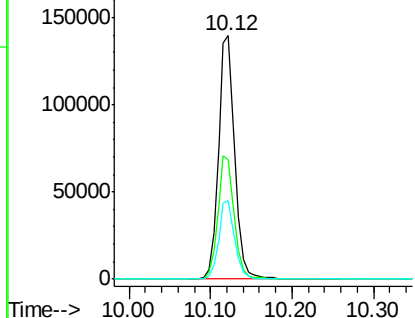


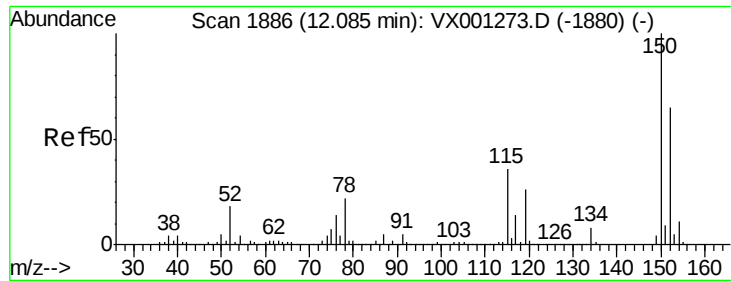
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001409.D
Acq: 04 May 2018 20:47

Tgt Ion: 117 Resp: 195730
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.0
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001409.D

Acq: 04 May 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

SB-11(7-7.5)

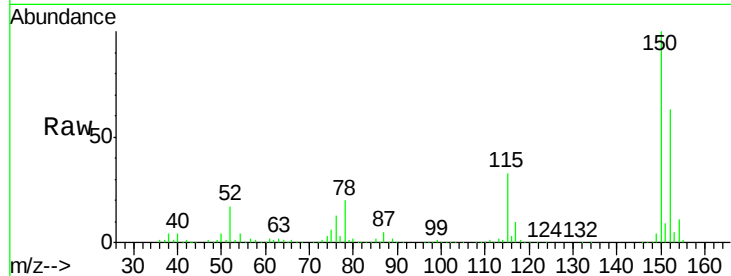
Tgt Ion:152 Resp: 101420

Ion Ratio Lower Upper

152 100

115 51.8 38.6 115.7

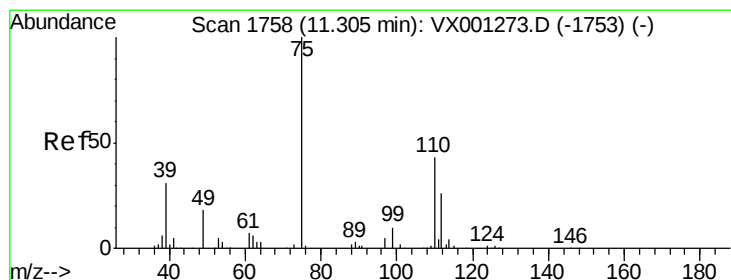
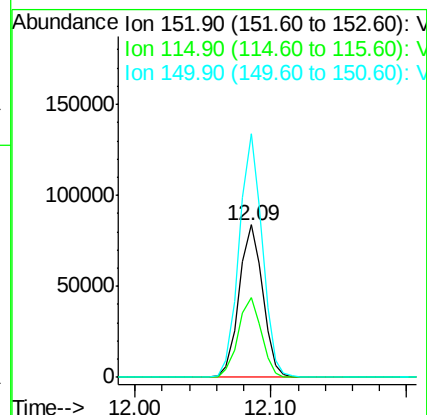
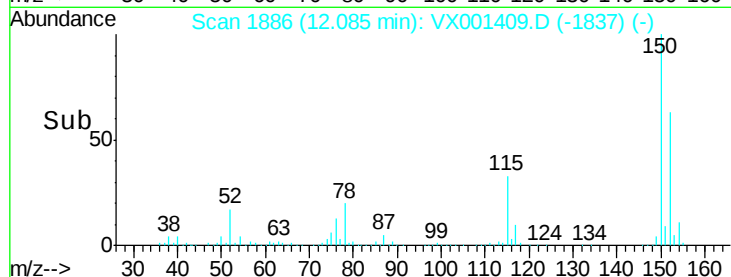
150 155.4 0.0 349.2



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: 25.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001409.D

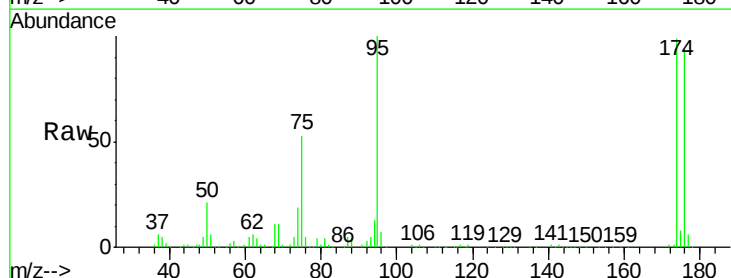
Acq: 04 May 2018 20:47

Tgt Ion: 75 Resp: 47164

Ion Ratio Lower Upper

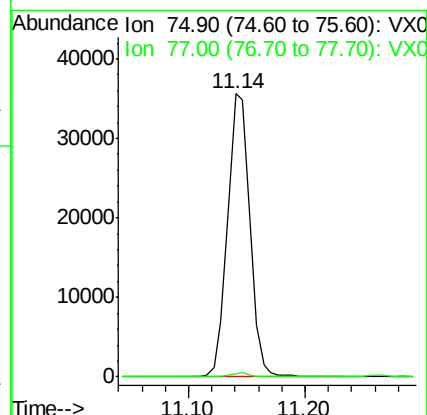
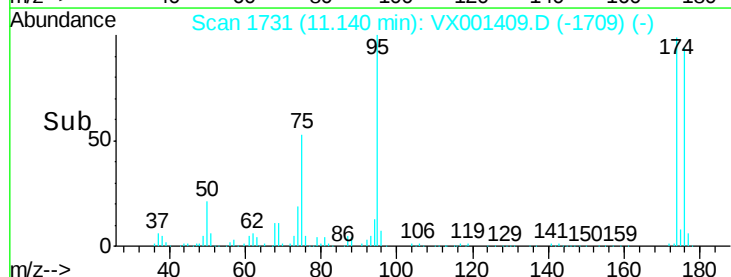
75 100

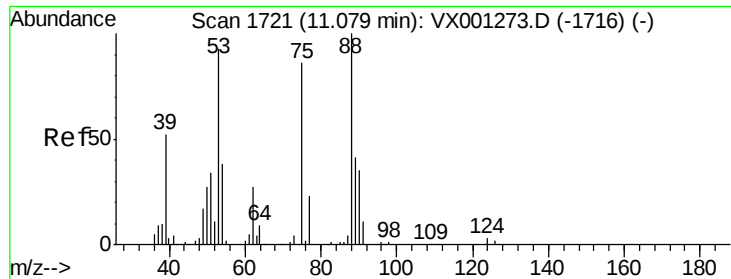
77 1.1 18.9 56.5#



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: 79.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001409.D

Acq: 04 May 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

SB-11(7-7.5)

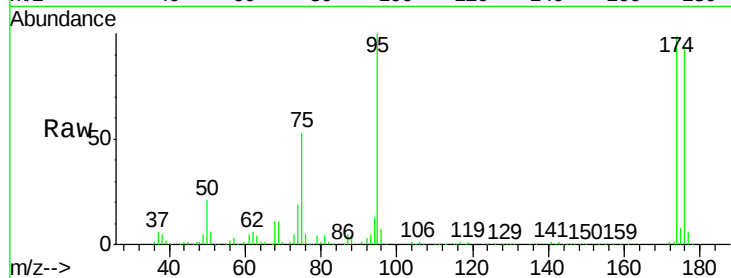
Tgt Ion: 75 Resp: 47164

Ion Ratio Lower Upper

75 100

53 0.2 87.1 130.7#

89 0.0 38.9 58.3#



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

