

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001398.D
 Acq On : 04 May 2018 15:50
 Operator : JC/MD
 Sample : J2707-10
 Misc : 6.04g/5mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(6.5-7)

Quant Time: May 05 05:42:35 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	180486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	234102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116317	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.51	113	101496	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.72	98	343821	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	11.14	95	113098	39.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.50%	

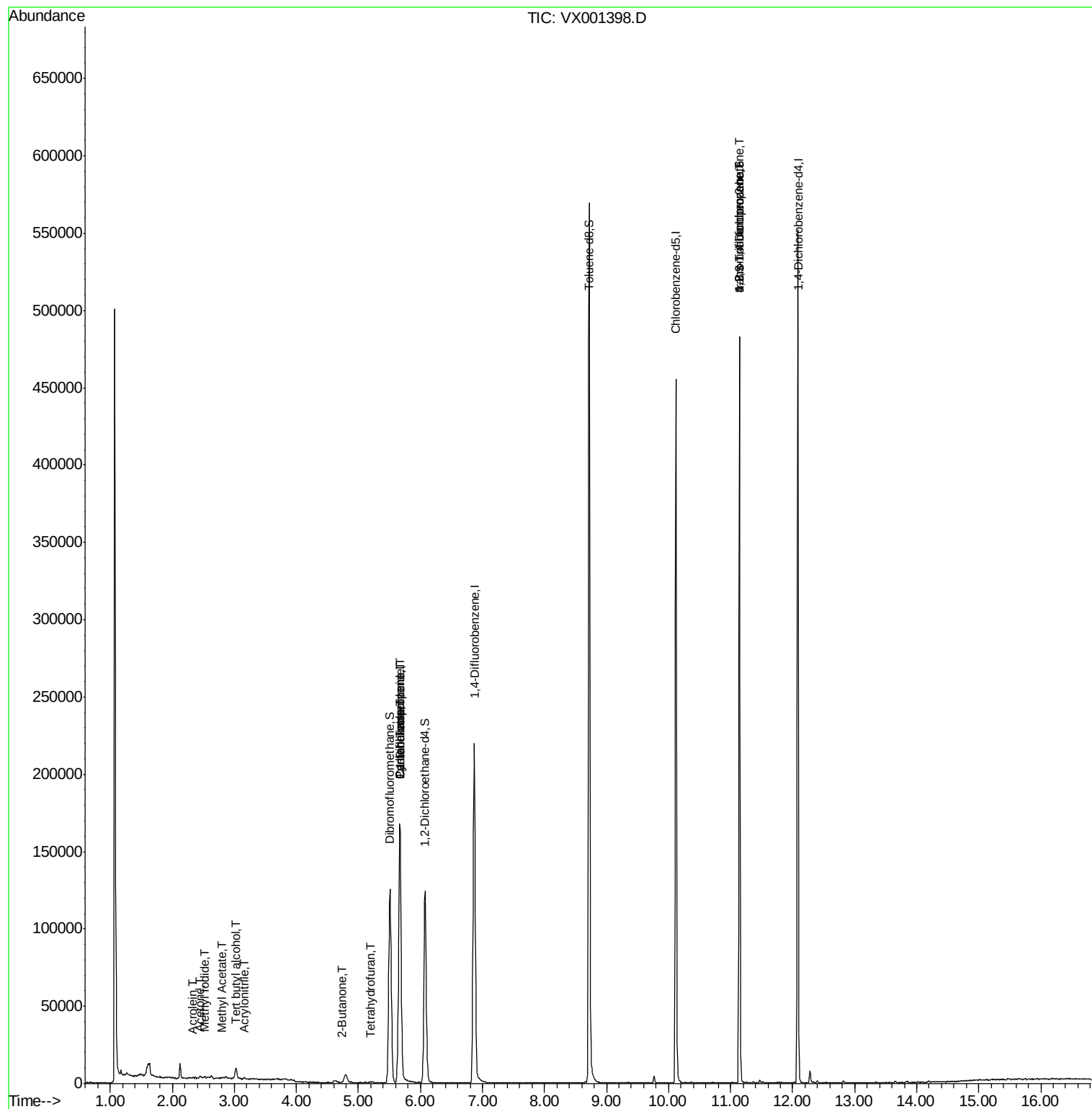
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	649	Below Cal	#	75
10) Methyl Iodide	2.52	142	1338	4.89	ug/l #	94
11) Tert butyl alcohol	3.03	59	4165	9.69	ug/l #	80
13) Acrolein	2.31	56	92	0.37	ug/l #	1
15) Acrylonitrile	3.15	53	480	0.48	ug/l	96
16) Acetone	2.45	43	1390	1.30	ug/l #	70
18) Methyl Acetate	2.79	43	529	0.21	ug/l #	62
20) Methylene Chloride	2.86	84	376	Below Cal	#	71
25) 2-Butanone	4.73	43	583	0.40	ug/l #	49
29) Tetrahydrofuran	5.19	42	628	0.71	ug/l #	64
31) Cyclohexane	5.67	56	3229	1.05	ug/l #	17
36) 1,1-Dichloropropene	5.67	75	11050	4.09	ug/l #	50
38) Carbon Tetrachloride	5.67	117	15145	5.35	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	58988	26.93	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	58988	84.40	ug/l #	6

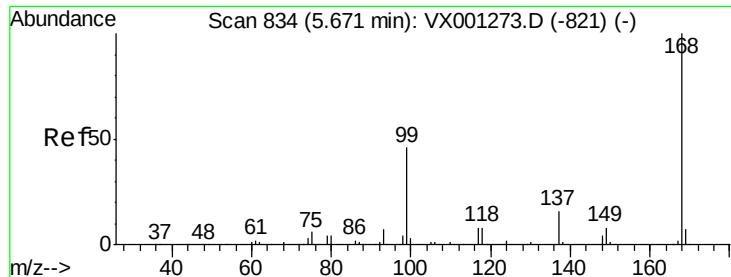
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 833

Delta R.T. -0.01 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

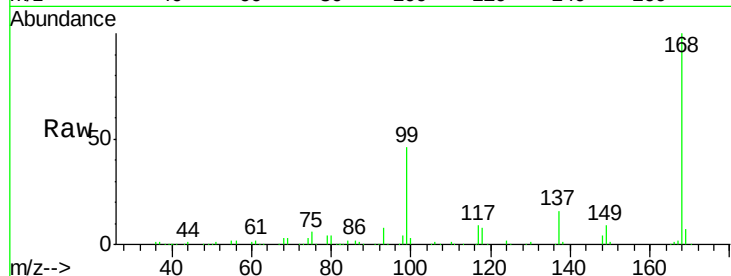
SB-8(6.5-7)

Tgt Ion:168 Resp: 180486

Ion Ratio Lower Upper

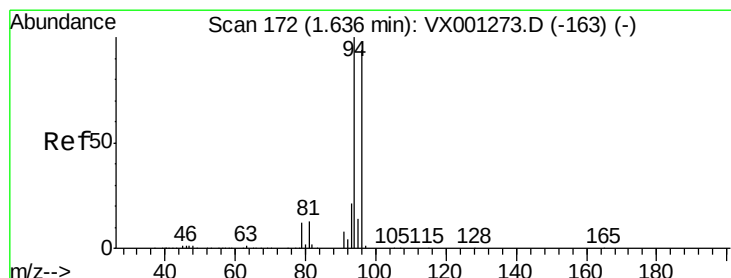
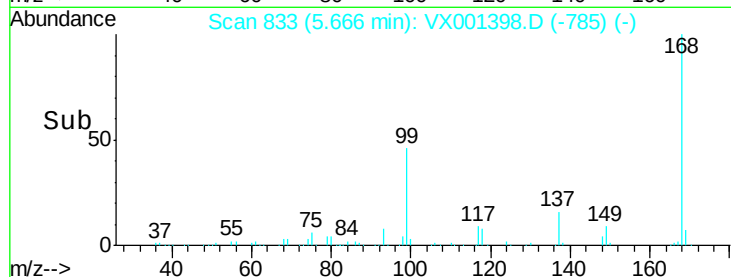
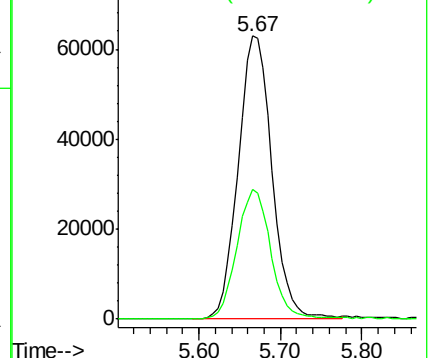
168 100

99 46.1 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: VX001398.D

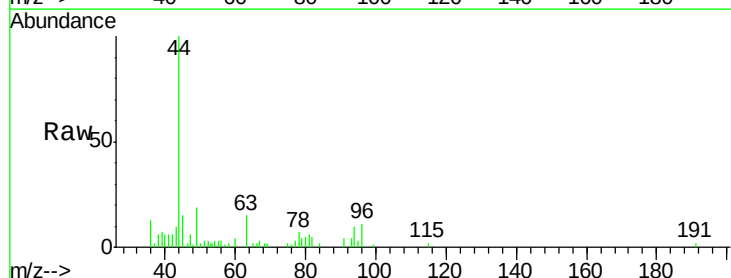
Acq: 04 May 2018 15:50

Tgt Ion: 94 Resp: 649

Ion Ratio Lower Upper

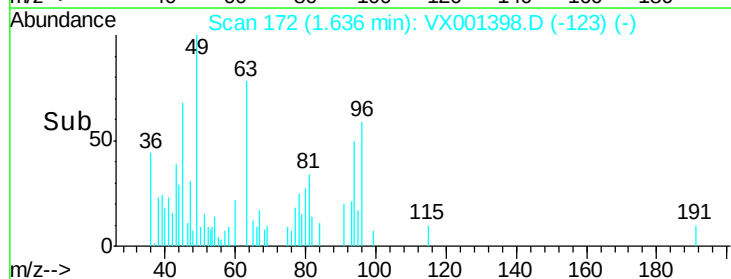
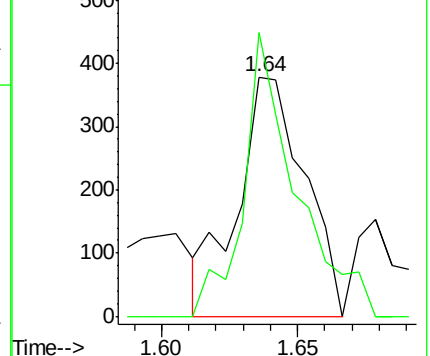
94 100

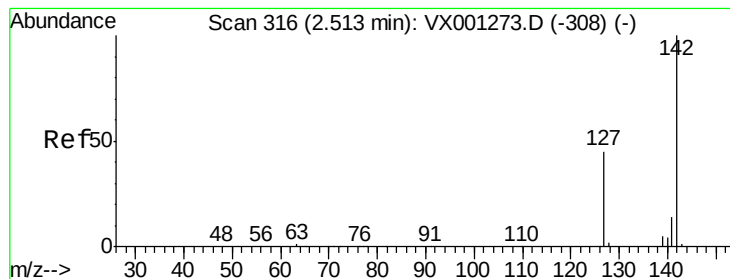
96 118.5 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 4.89 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

SB-8(6.5-7)

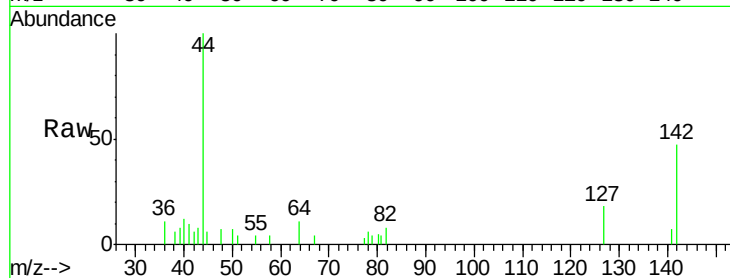
Tgt Ion:142 Resp: 1338

Ion Ratio Lower Upper

142 100

127 47.7 35.7 53.5

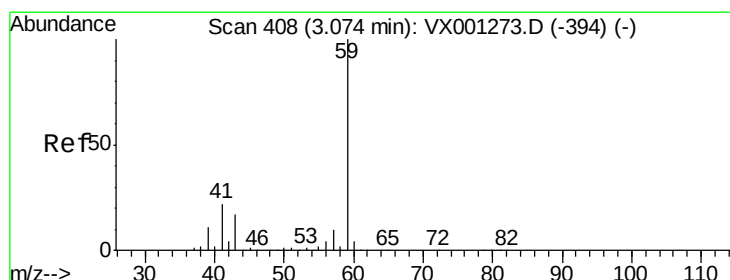
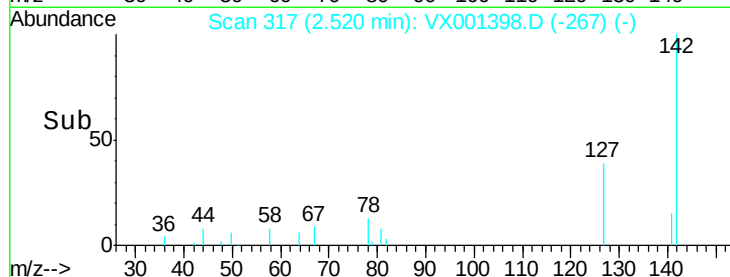
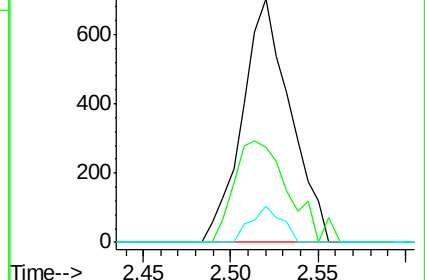
141 9.9 11.4 17.0#



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: 9.69 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.05 min

Lab File: VX001398.D

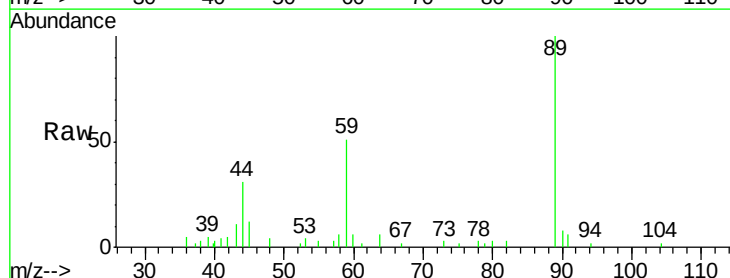
Acq: 04 May 2018 15:50

Tgt Ion: 59 Resp: 4165

Ion Ratio Lower Upper

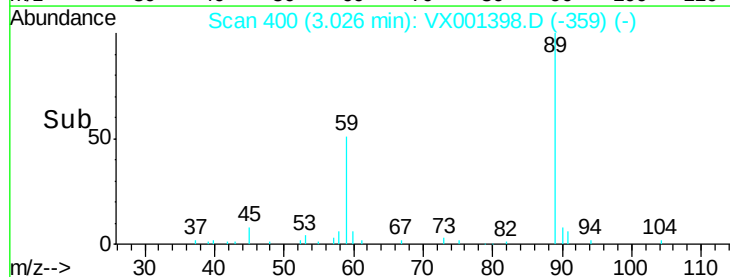
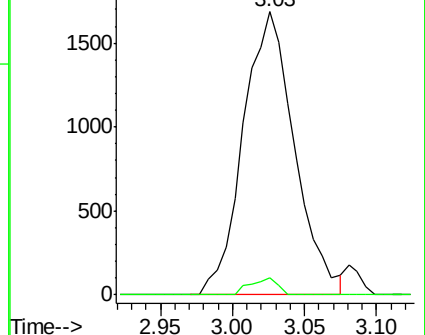
59 100

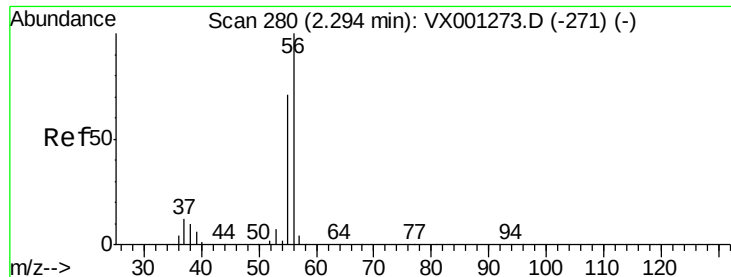
57 3.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

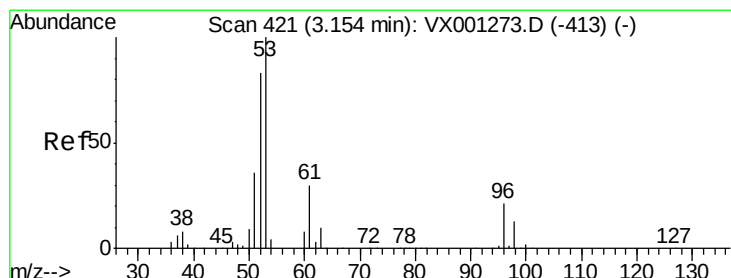
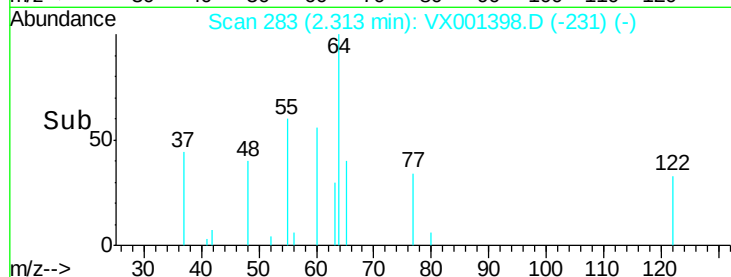
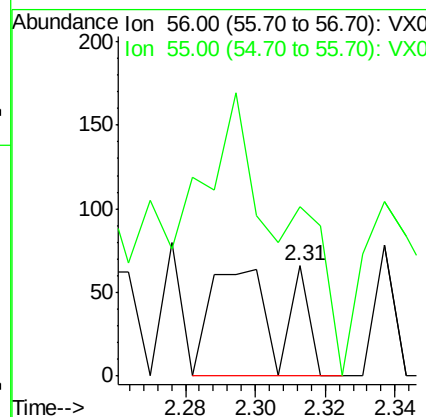
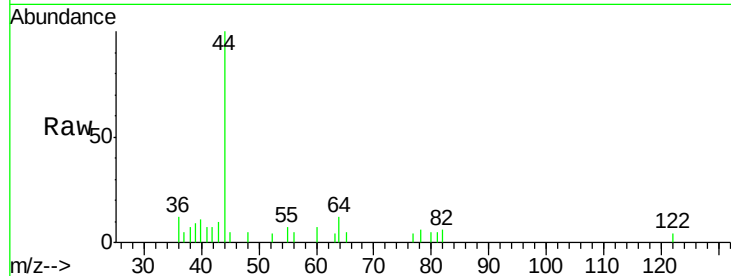




#13
Acrolein
Concen: 0.37 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.02 min
Lab File: VX001398.D
Acq: 04 May 2018 15:50

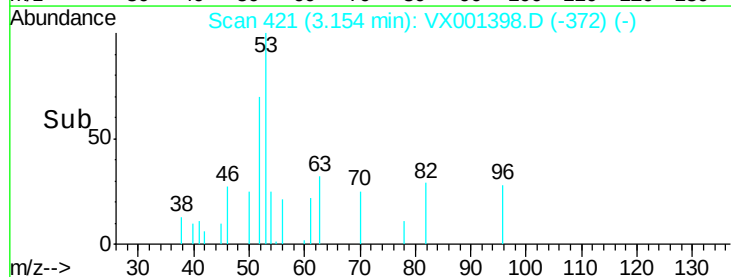
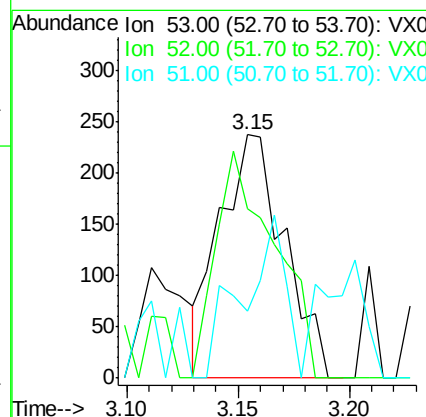
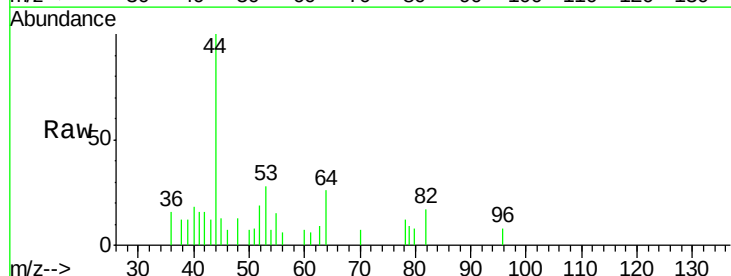
Instrument :
MSVOA_X
ClientSampled :
SB-8(6.5-7)

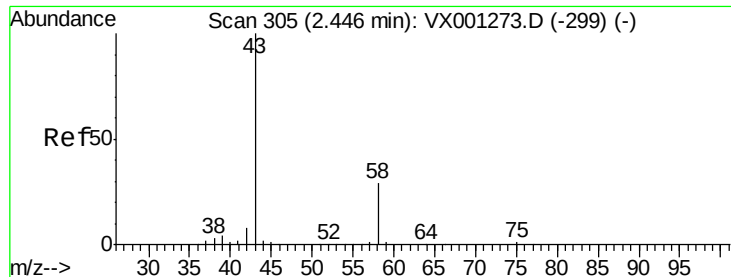
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 304.3 57.2 85.8#



#15
Acrylonitrile
Concen: 0.48 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX001398.D
Acq: 04 May 2018 15:50

Tgt Ion: 53 Resp: 480
Ion Ratio Lower Upper
53 100
52 84.8 67.0 100.4
51 44.2 29.9 44.9





#16

Acetone

Concen: 1.30 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampled :

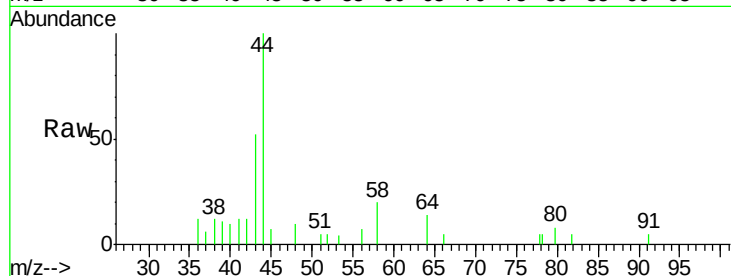
SB-8(6.5-7)

Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

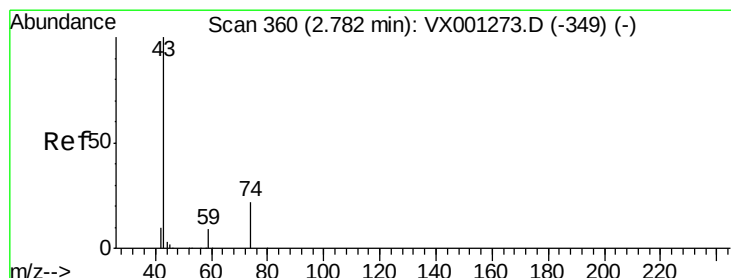
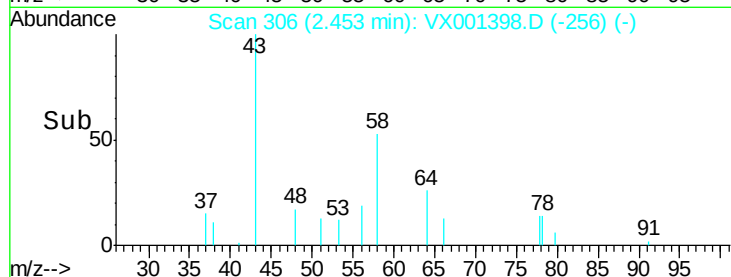
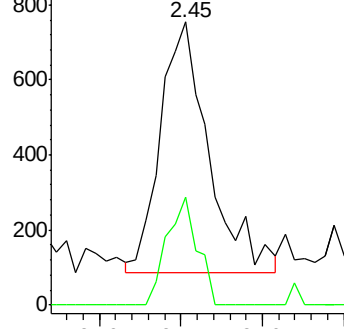
43 100

58 44.5 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.79 min Scan# 362

Delta R.T. 0.01 min

Lab File: VX001398.D

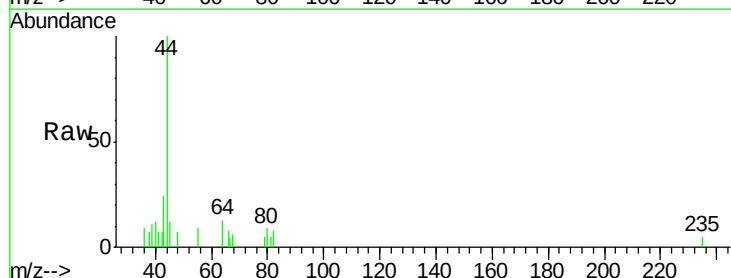
Acq: 04 May 2018 15:50

Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

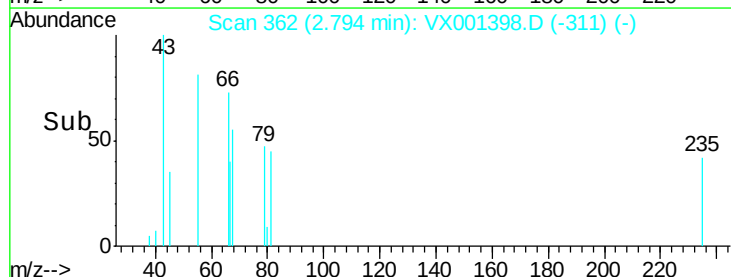
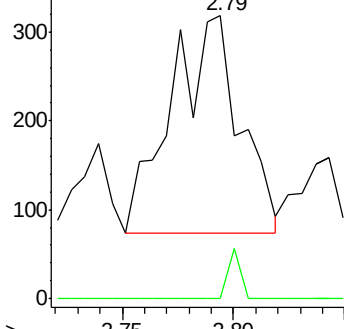
43 100

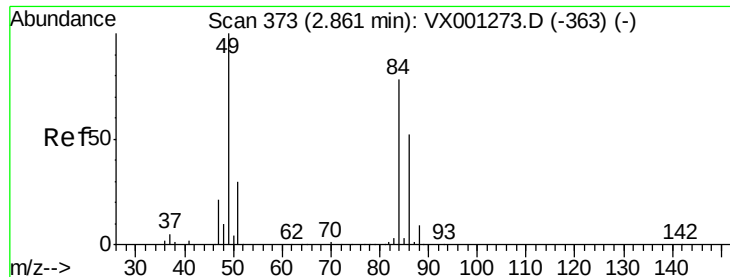
74 4.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

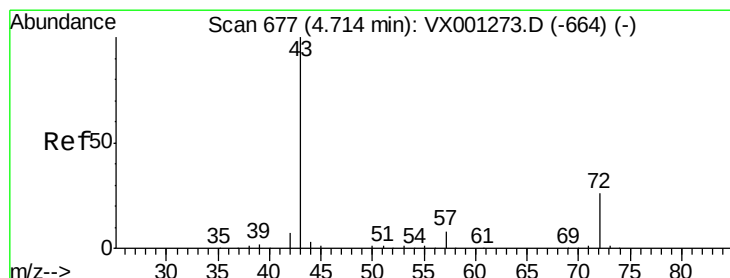
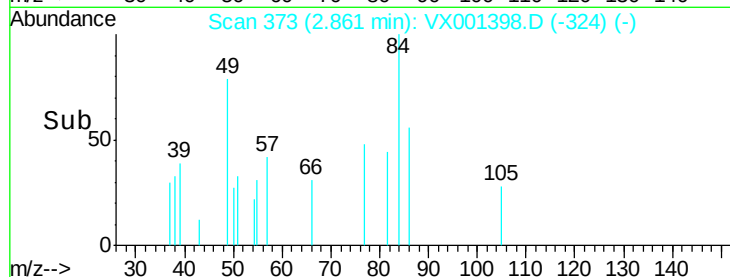
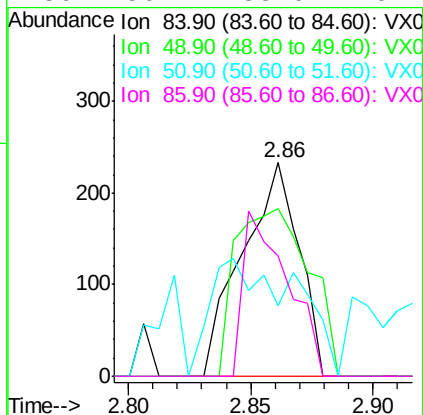
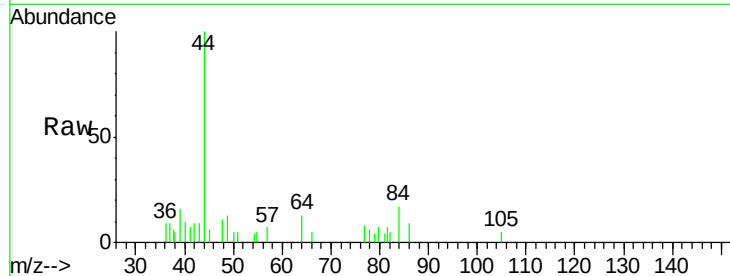




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001398.D
Acq: 04 May 2018 15:50

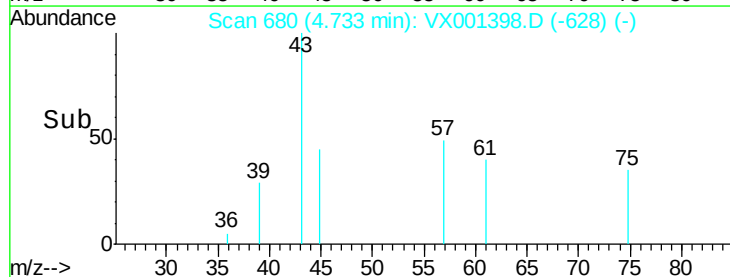
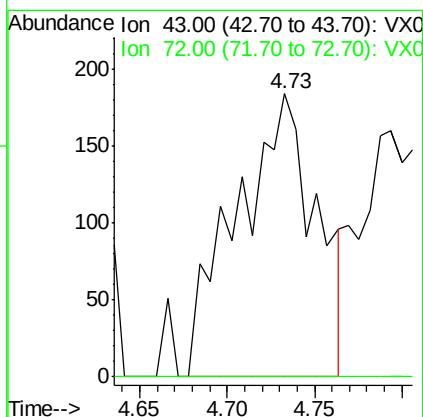
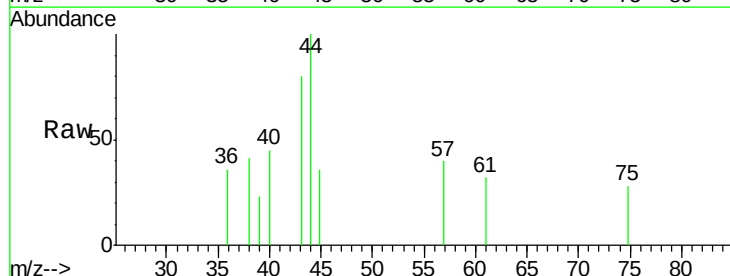
Instrument :
MSVOA_X
ClientSampled :
SB-8(6.5-7)

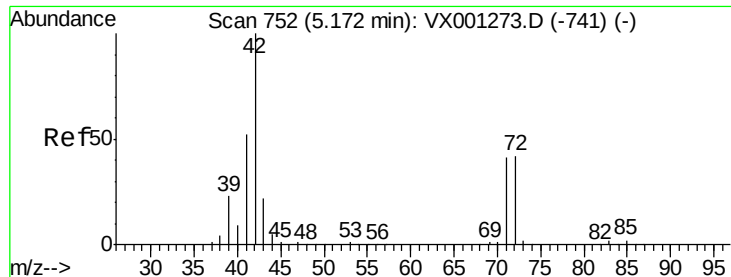
Tgt Ion: 84 Resp: 376
Ion Ratio Lower Upper
84 100
49 78.5 102.8 154.2#
51 33.0 30.9 46.3
86 56.2 53.0 79.4



#25
2-Butanone
Concen: 0.40 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX001398.D
Acq: 04 May 2018 15:50

Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#





#29

Tetrahydrofuran

Concen: 0.71 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampled :

SB-8(6.5-7)

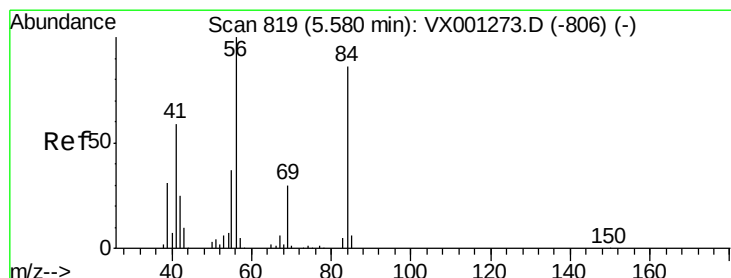
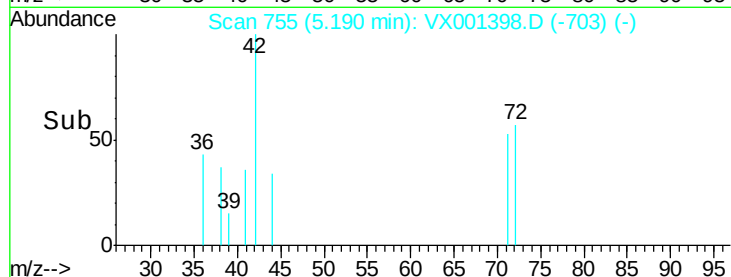
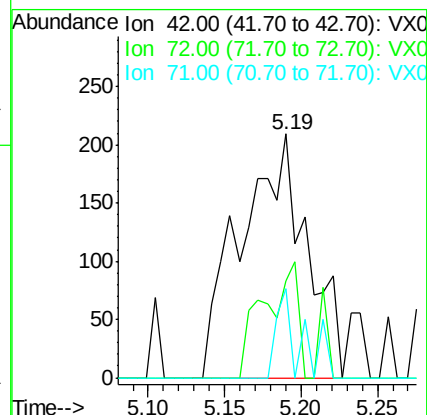
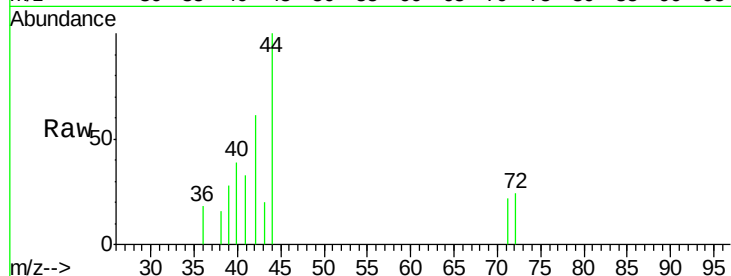
Tgt Ion: 42 Resp: 628

Ion Ratio Lower Upper

42 100

72 24.5 34.6 52.0#

71 13.4 32.7 49.1#



#31

Cyclohexane

Concen: 1.05 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

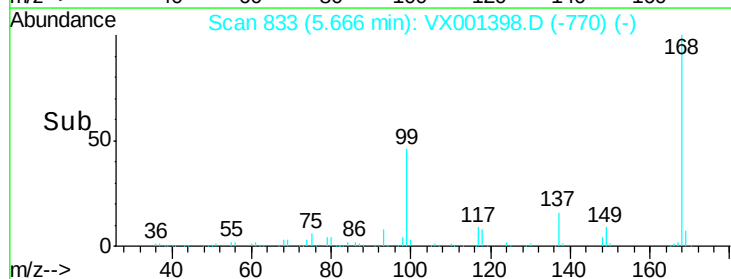
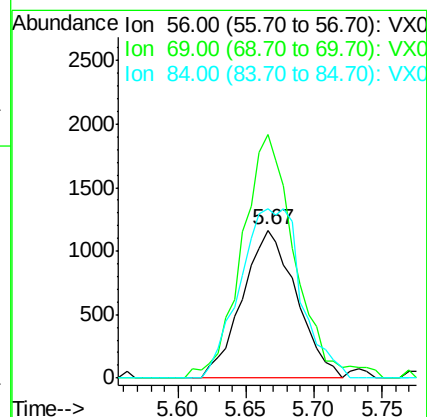
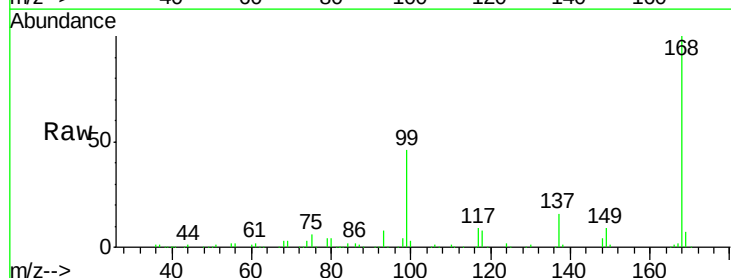
Tgt Ion: 56 Resp: 3229

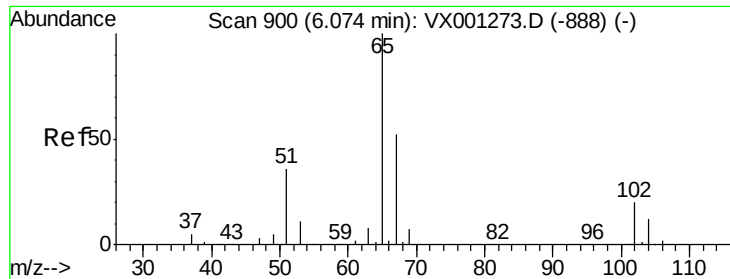
Ion Ratio Lower Upper

56 100

69 157.8 24.0 36.0#

84 114.2 69.0 103.4#

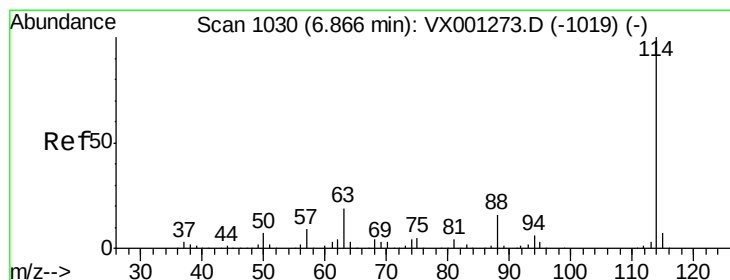
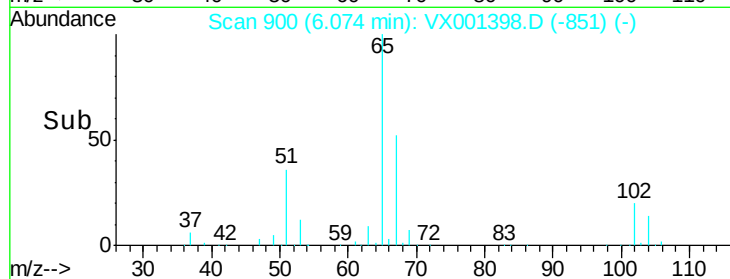
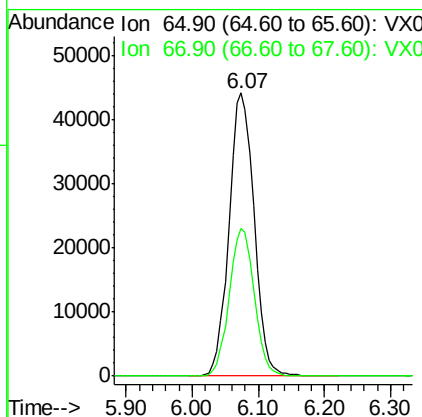
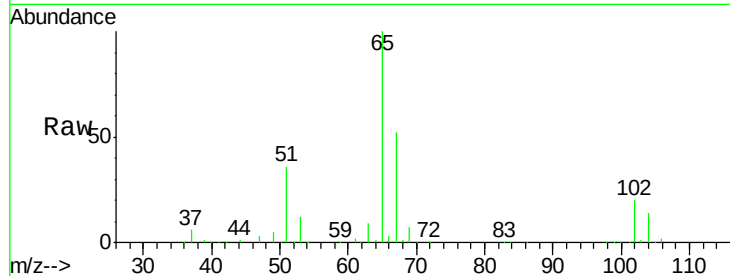




#33
 1,2-Dichloroethane-d4
 Concen: 46.56 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001398.D
 Acq: 04 May 2018 15:50

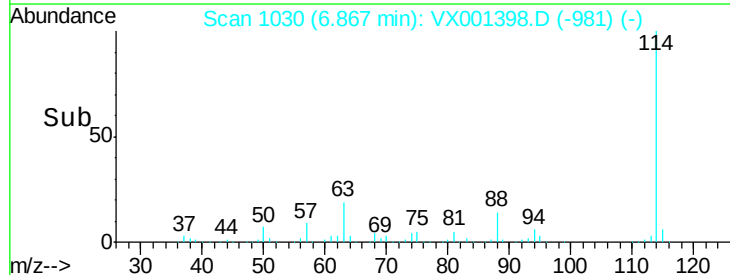
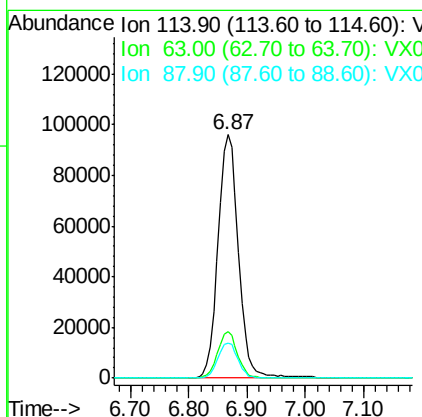
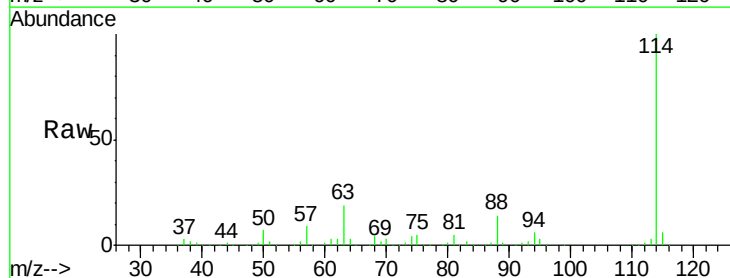
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(6.5-7)

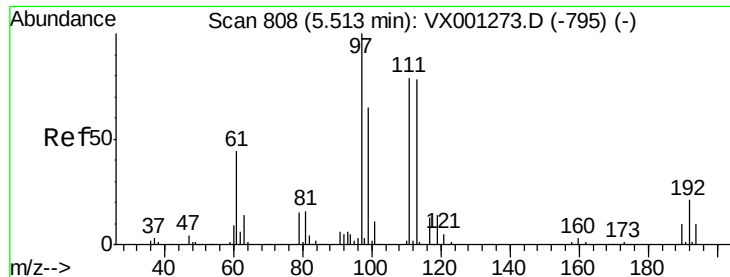
Tgt Ion: 65 Resp: 116317
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001398.D
 Acq: 04 May 2018 15:50

Tgt Ion: 114 Resp: 234102
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 14.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.32 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

SB-8(6.5-7)

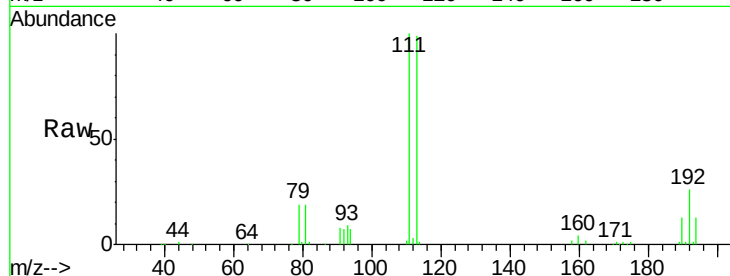
Tgt Ion:113 Resp: 101496

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

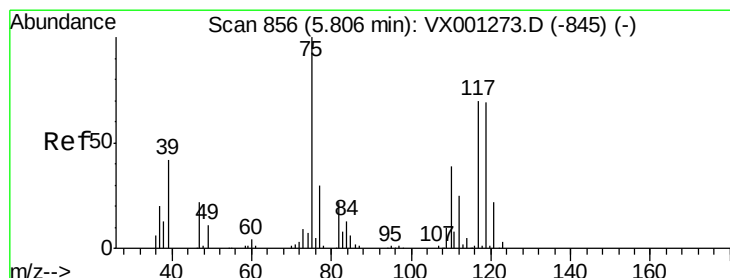
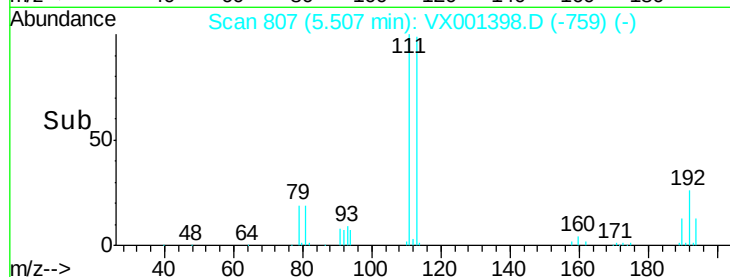
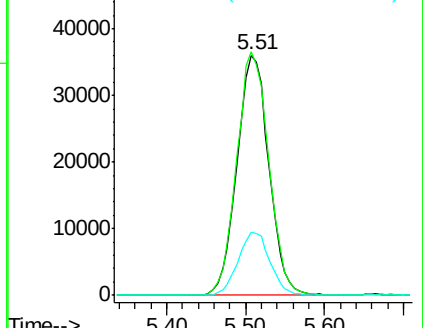
192 26.2 20.7 31.1



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: 4.09 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

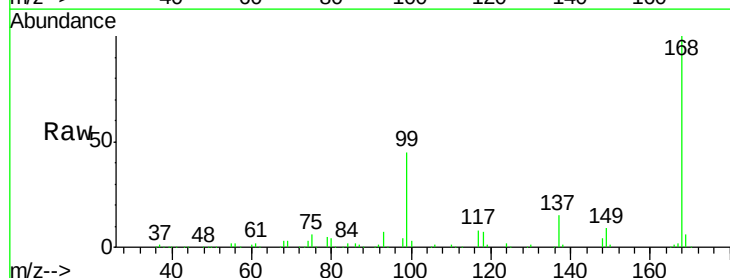
Tgt Ion: 75 Resp: 11050

Ion Ratio Lower Upper

75 100

110 10.3 18.9 56.9#

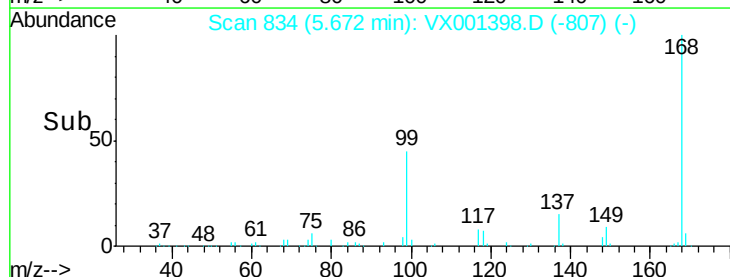
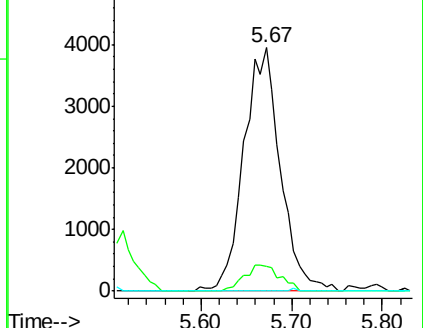
77 0.0 24.2 36.2#

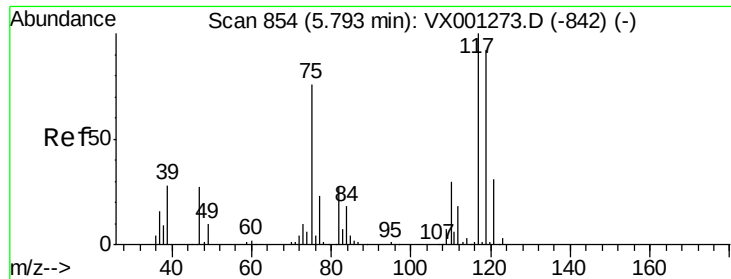


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.35 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampled :

SB-8(6.5-7)

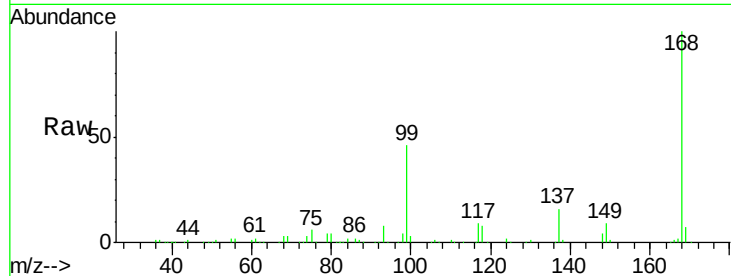
Tgt Ion:117 Resp: 15145

Ion Ratio Lower Upper

117 100

119 5.4 73.4 110.2#

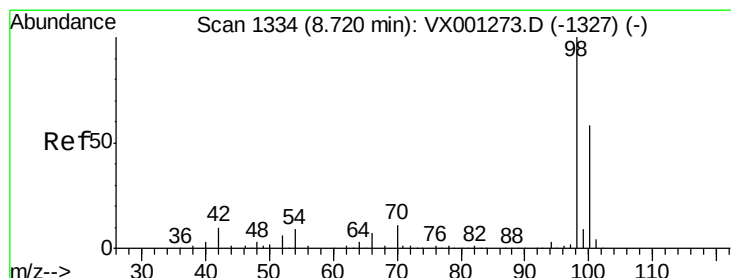
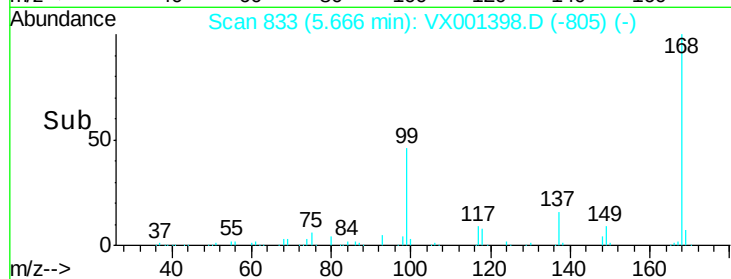
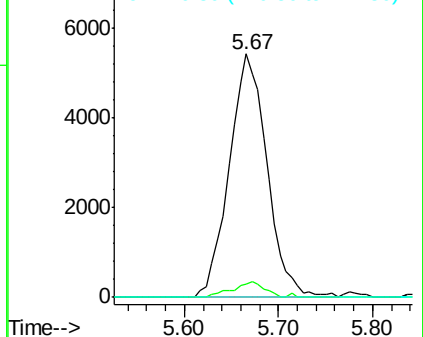
121 0.0 25.0 37.4#



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: 47.72 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001398.D

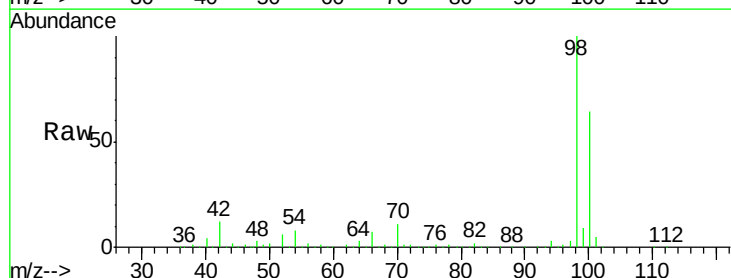
Acq: 04 May 2018 15:50

Tgt Ion: 98 Resp: 343821

Ion Ratio Lower Upper

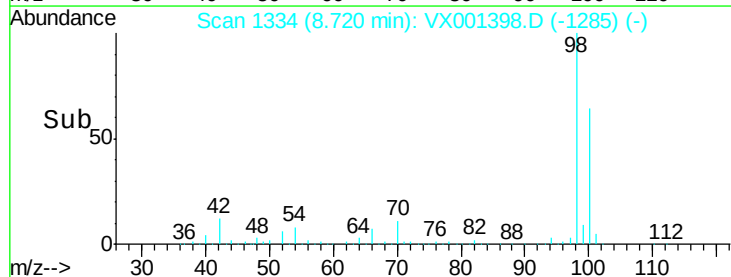
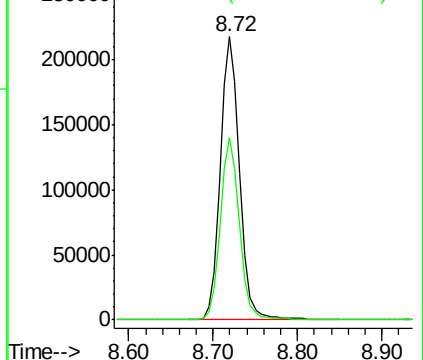
98 100

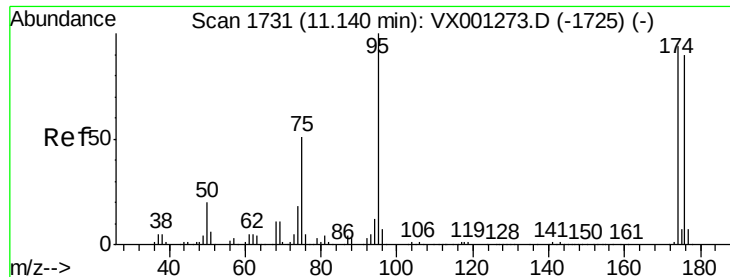
100 63.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 39.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampled :

SB-8(6.5-7)

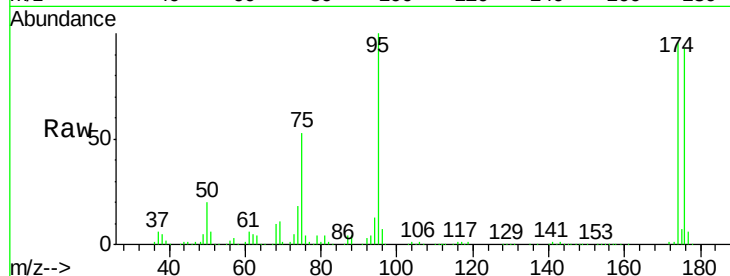
Tgt Ion: 95 Resp: 113098

Ion Ratio Lower Upper

95 100

174 106.7 0.0 201.8

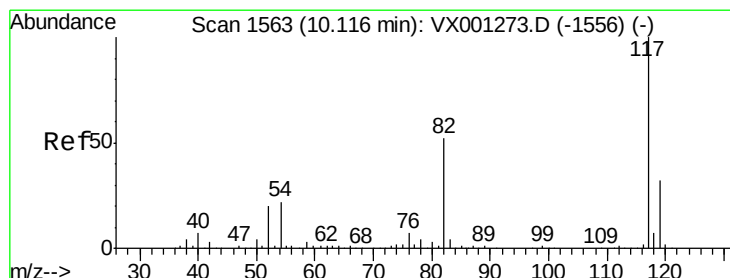
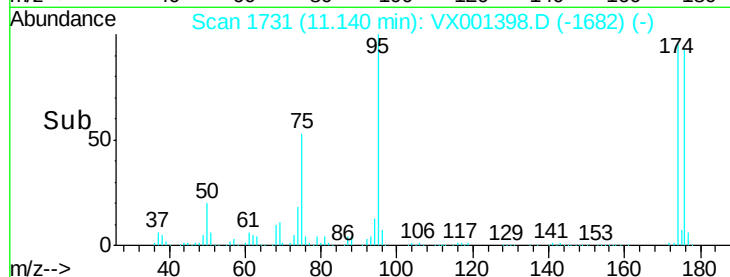
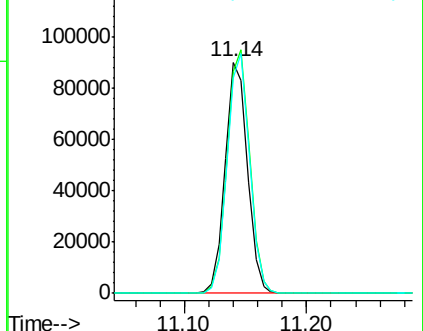
176 103.8 0.0 197.2



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: VX001398.D

Acq: 04 May 2018 15:50

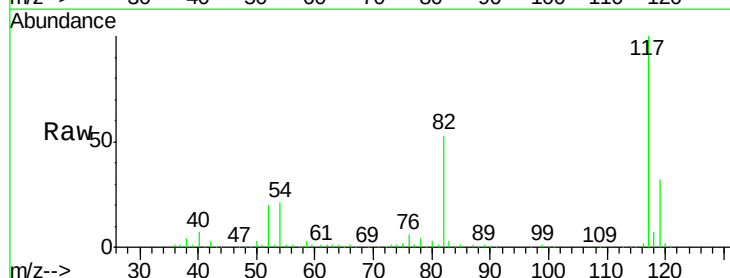
Tgt Ion: 117 Resp: 208983

Ion Ratio Lower Upper

117 100

82 53.0 41.4 62.0

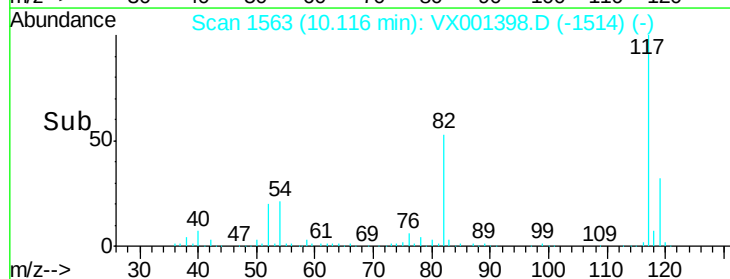
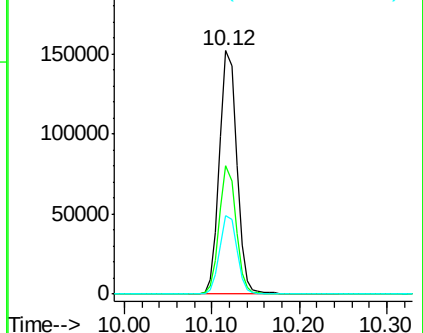
119 32.4 25.5 38.3

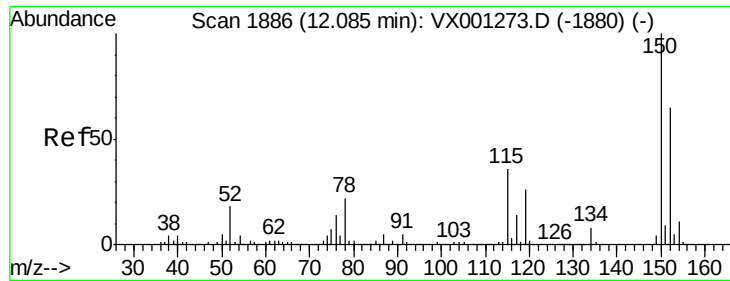


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

SB-8(6.5-7)

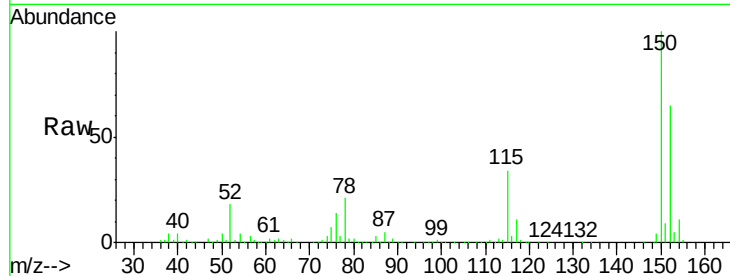
Tgt Ion:152 Resp: 118436

Ion Ratio Lower Upper

152 100

115 52.8 38.6 115.7

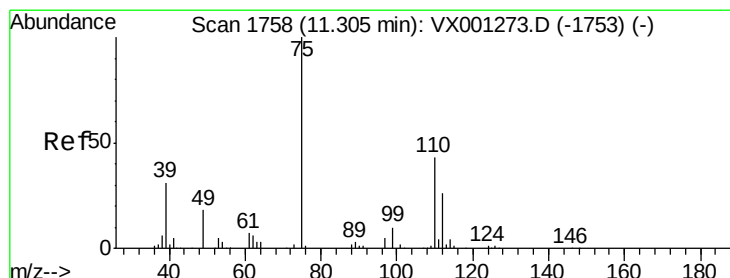
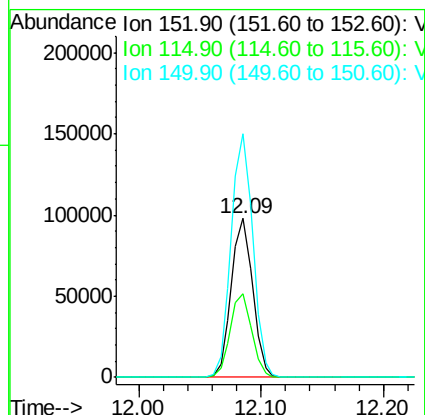
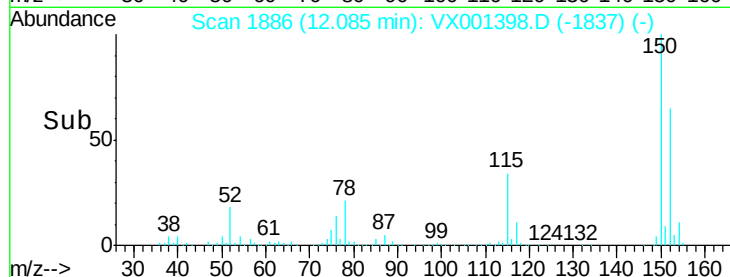
150 154.8 0.0 349.2



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: 26.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001398.D

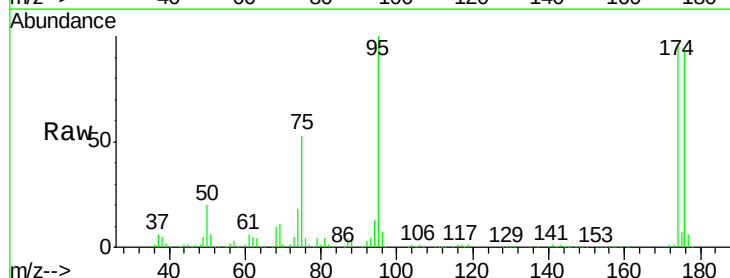
Acq: 04 May 2018 15:50

Tgt Ion: 75 Resp: 58988

Ion Ratio Lower Upper

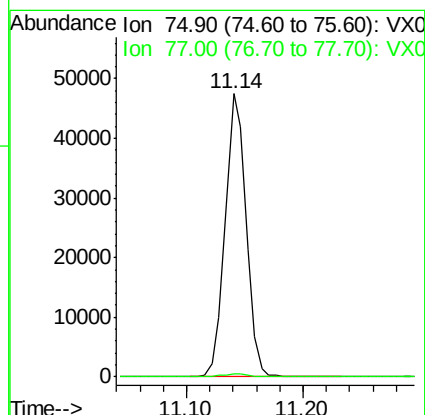
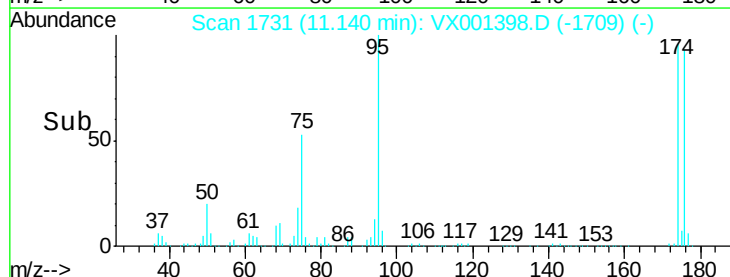
75 100

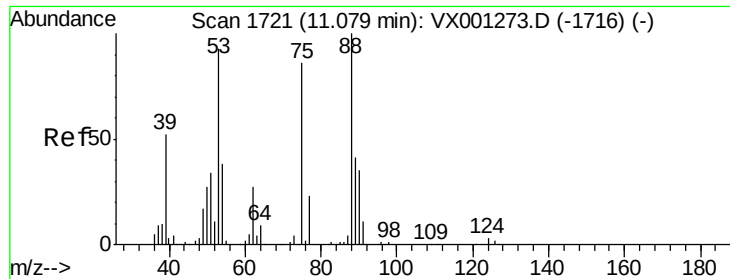
77 1.2 18.9 56.5#



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: 84.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001398.D

Acq: 04 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

SB-8(6.5-7)

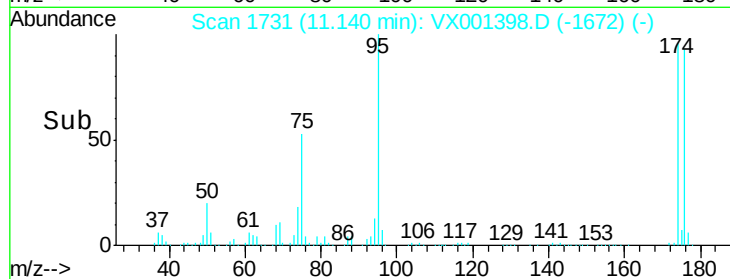
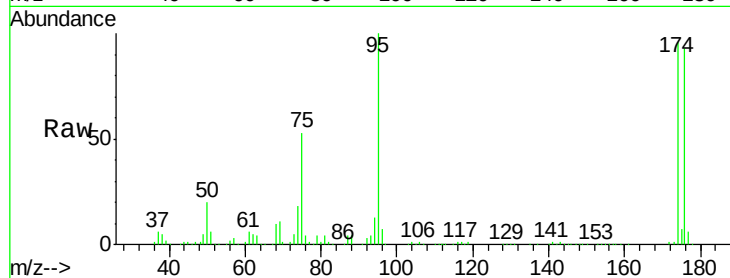
Tgt Ion: 75 Resp: 58988

Ion Ratio Lower Upper

75 100

53 0.1 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

