

Data File : VX000263.D
Acq On : 09 Mar 2018 18:33
Operator : JC/MD
Sample : J1699-26
Misc : 4.98g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B4-A

Quant Time: Mar 09 23:32:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	73304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	122820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	117377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	59074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	48873	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.52	113	36101	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	8.73	98	151430	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.15	95	52263	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	

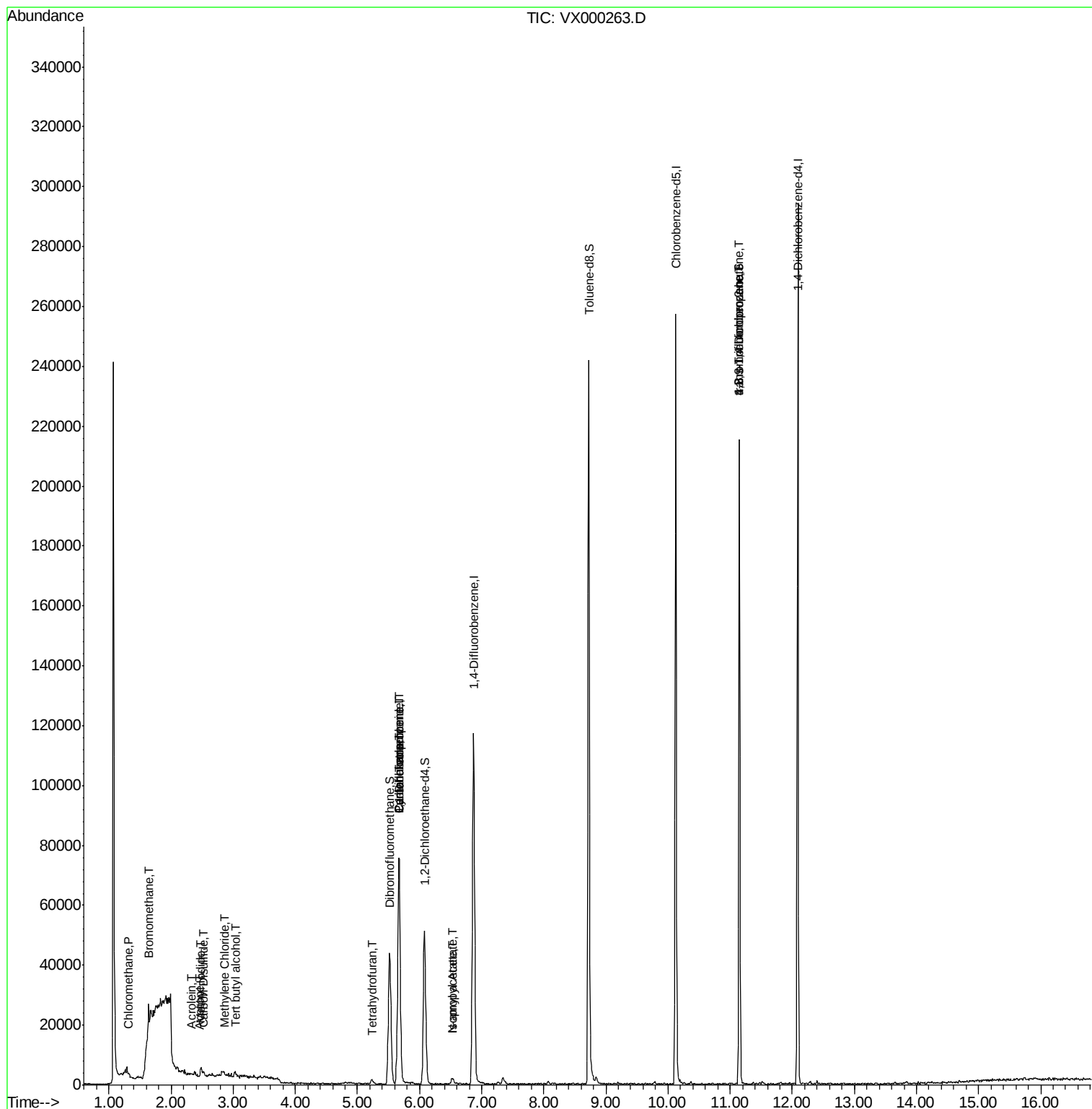
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	626	0.80	ug/l #	76
5) Bromomethane	1.64	94	3779	3.02	ug/l	91
6) Chloroethane	1.74	64	180	Below Cal	#	43
10) Methyl Iodide	2.48	142	2961	6.28	ug/l	97
11) Tert butyl alcohol	3.04	59	1174	3.14	ug/l #	72
13) Acrolein	2.32	56	100	0.51	ug/l #	73
16) Acetone	2.45	43	233	0.32	ug/l #	45
17) Carbon Disulfide	2.53	76	795	0.38	ug/l #	31
20) Methylene Chloride	2.86	84	561	0.64	ug/l #	47
29) Tetrahydrofuran	5.23	42	668	1.18	ug/l #	83
31) Cyclohexane	5.67	56	1878	1.69	ug/l #	23
36) 1,1-Dichloropropene	5.67	75	5950	5.44	ug/l #	52
38) Carbon Tetrachloride	5.67	117	7314	6.61	ug/l #	18
43) Isopropyl Acetate	6.52	43	1343	0.59	ug/l #	62
74) N-amyl acetate	6.52	43	1343	0.71	ug/l #	59
76) 1,2,3-Trichloropropane	11.15	75	29678	25.06	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.15	75	29678	76.75	ug/l #	10

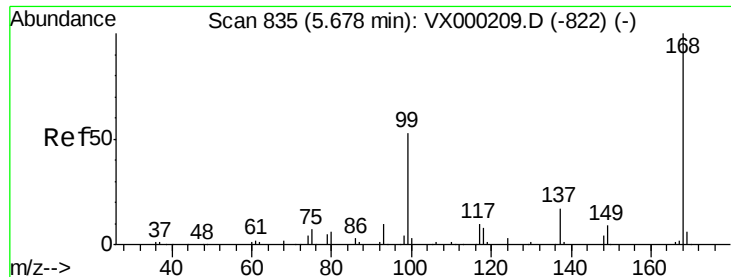
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

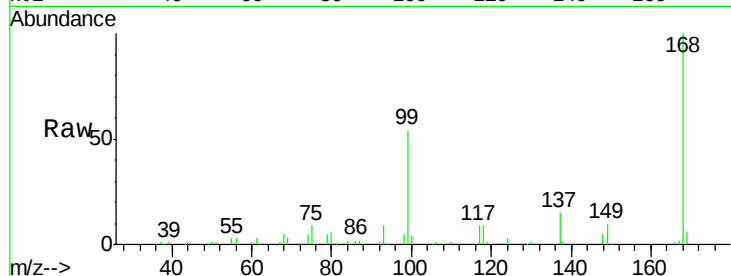
B4-A

Tgt Ion:168 Resp: 73304

Ion Ratio Lower Upper

168 100

99 54.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

25000

20000

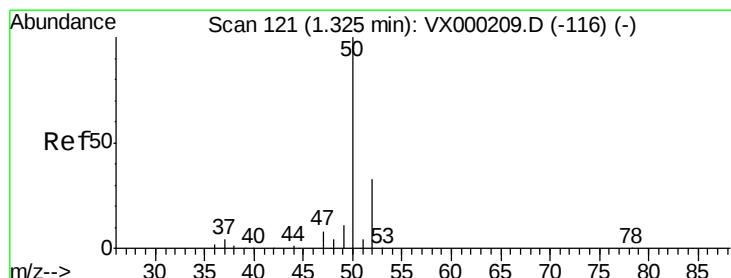
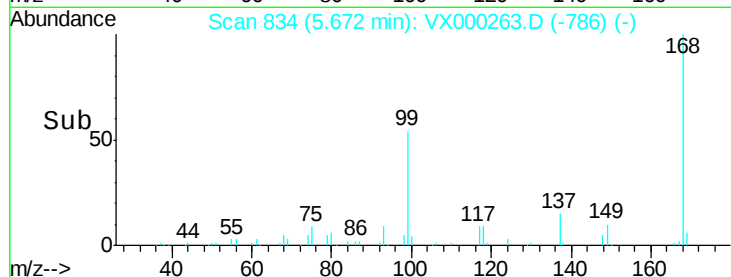
15000

10000

5000

0

Time-->



#3

Chloromethane

Concen: 0.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000263.D

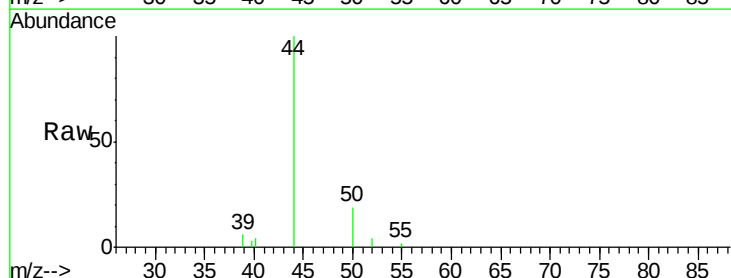
Acq: 09 Mar 2018 18:33

Tgt Ion: 50 Resp: 626

Ion Ratio Lower Upper

50 100

52 19.4 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

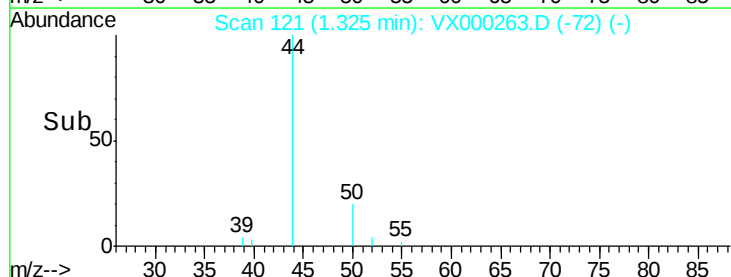
300

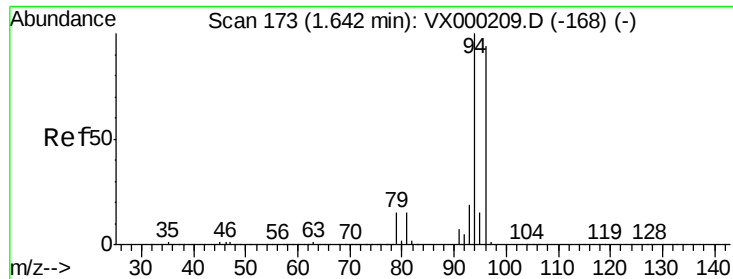
200

100

0

Time-->





#5

Bromomethane

Concen: 3.02 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

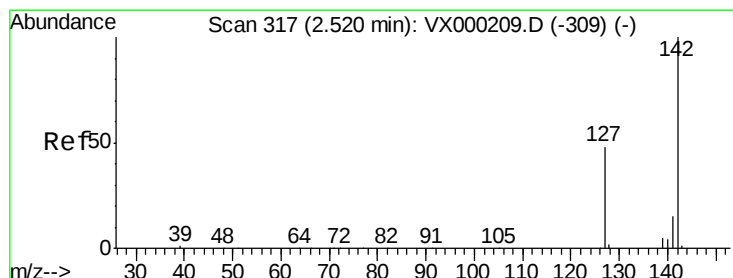
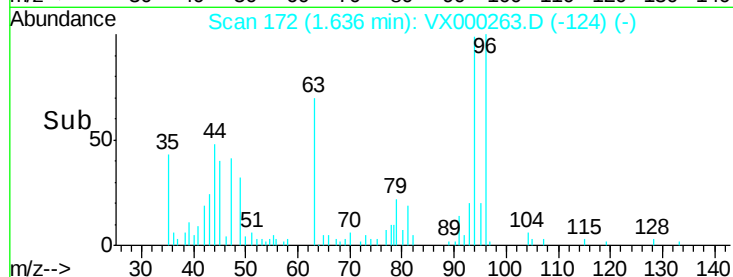
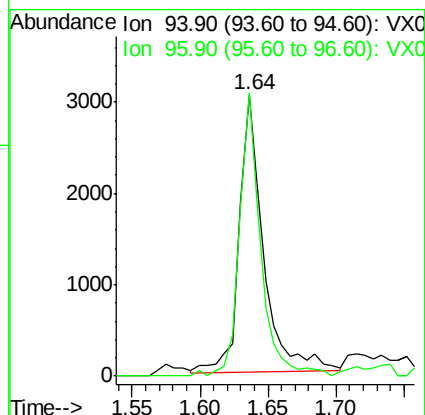
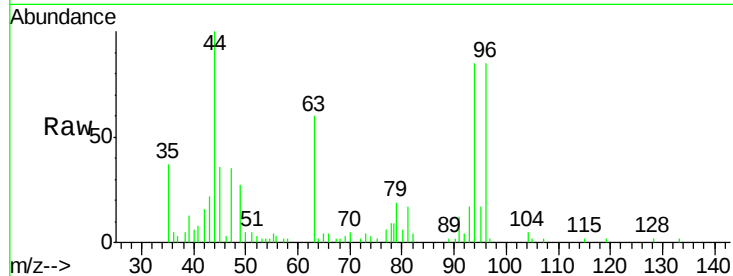
B4-A

Tgt Ion: 94 Resp: 3779

Ion Ratio Lower Upper

94 100

96 103.1 75.3 112.9



#10

Methyl Iodide

Concen: 6.28 ug/l

RT: 2.48 min Scan# 311

Delta R.T. -0.04 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

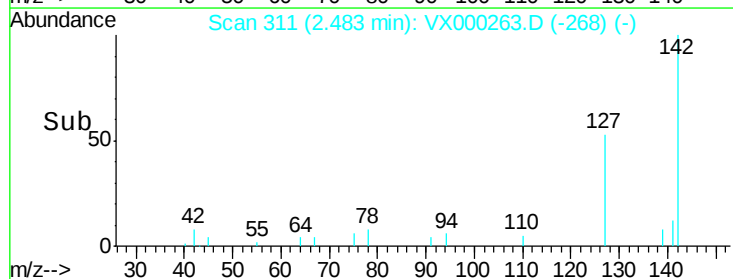
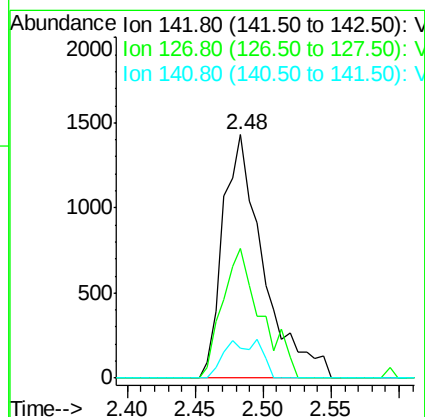
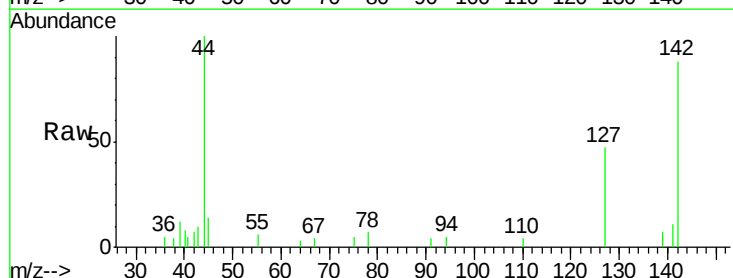
Tgt Ion: 142 Resp: 2961

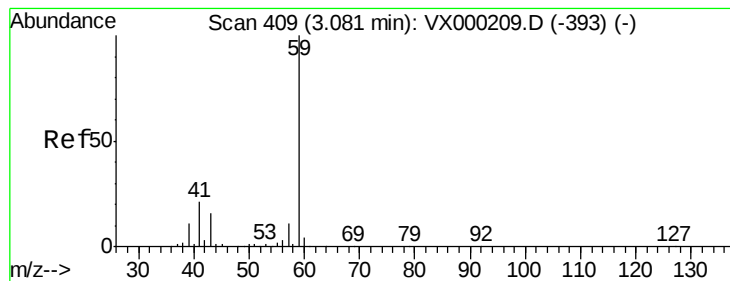
Ion Ratio Lower Upper

142 100

127 50.9 39.0 58.6

141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 3.14 ug/l

RT: 3.04 min Scan# 402

Delta R.T. -0.04 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

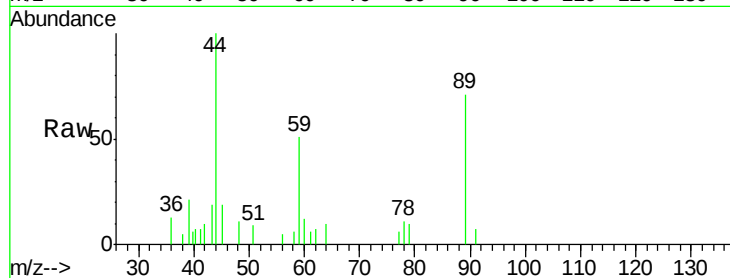
B4-A

Tgt Ion: 59 Resp: 1174

Ion Ratio Lower Upper

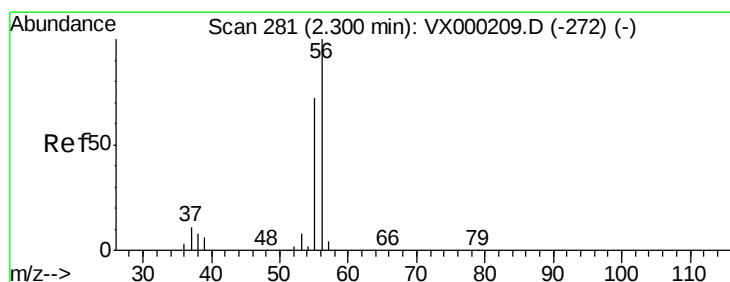
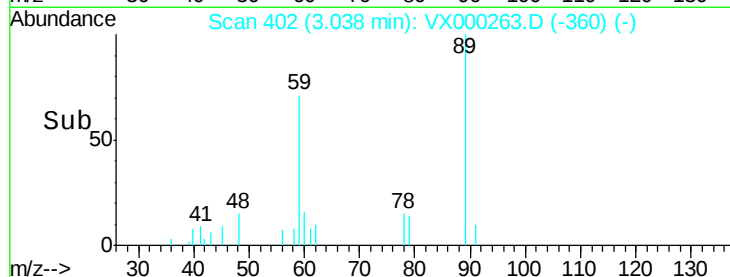
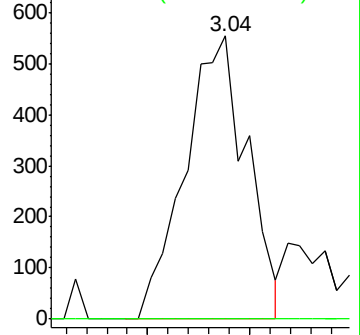
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 0.51 ug/l

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX000263.D

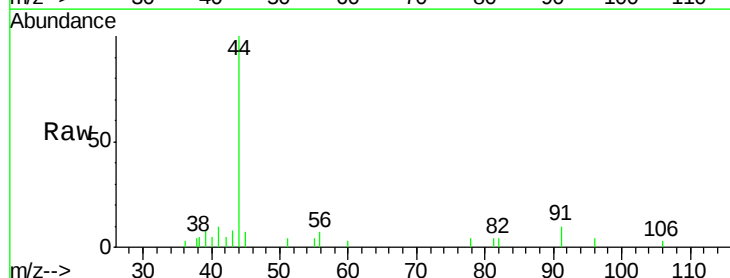
Acq: 09 Mar 2018 18:33

Tgt Ion: 56 Resp: 100

Ion Ratio Lower Upper

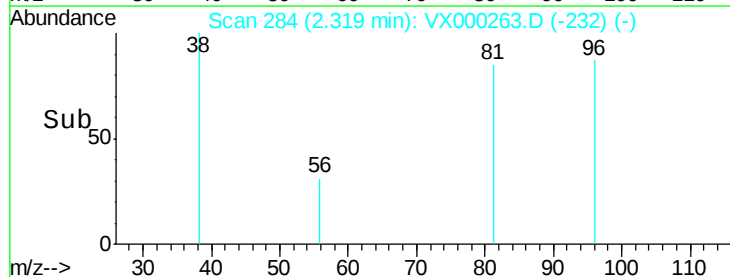
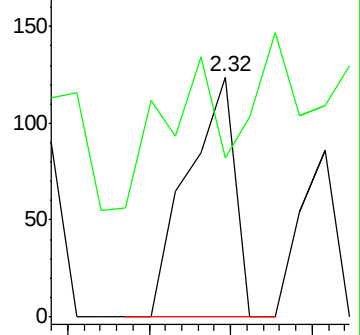
56 100

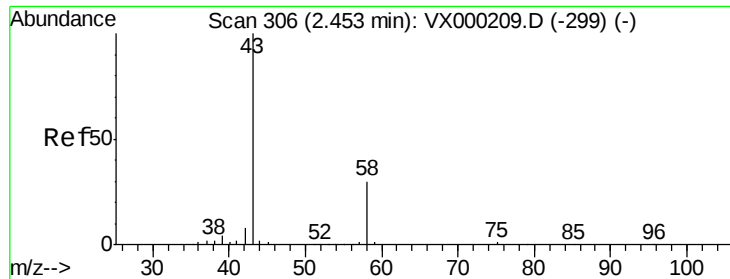
55 97.0 59.2 88.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

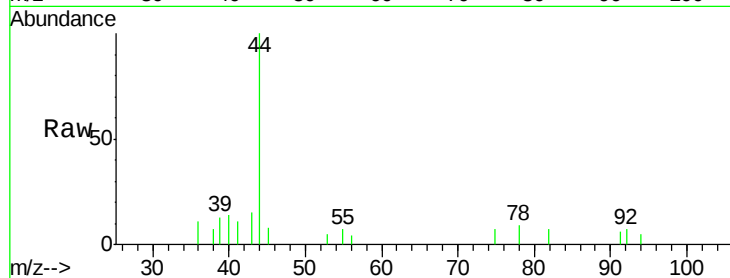
B4-A

Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

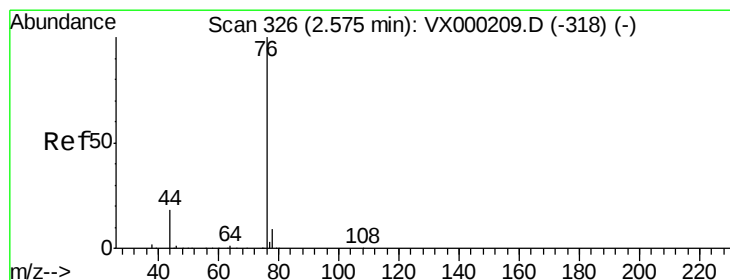
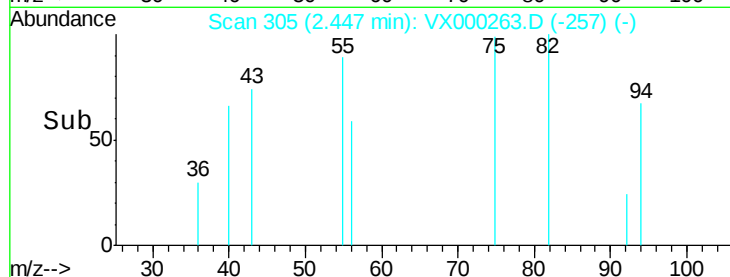
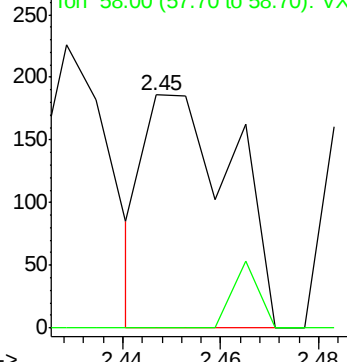
43 100

58 0.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.38 ug/l

RT: 2.53 min Scan# 318

Delta R.T. -0.05 min

Lab File: VX000263.D

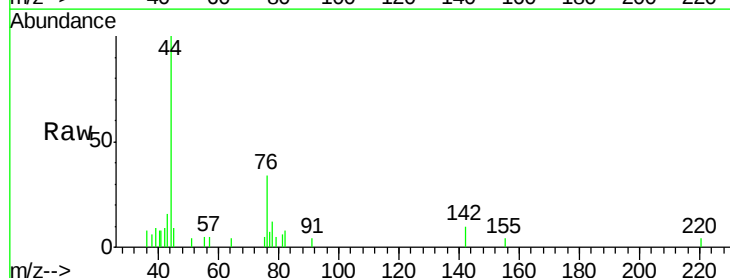
Acq: 09 Mar 2018 18:33

Tgt Ion: 76 Resp: 795

Ion Ratio Lower Upper

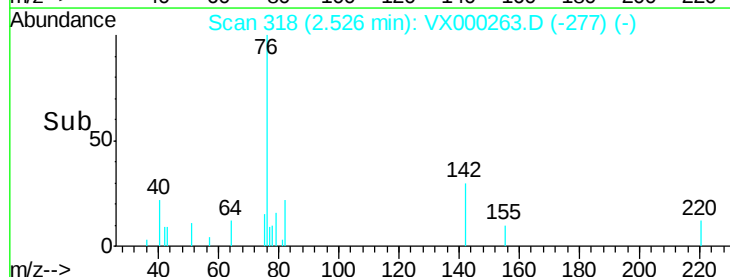
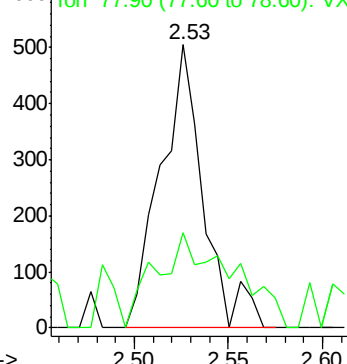
76 100

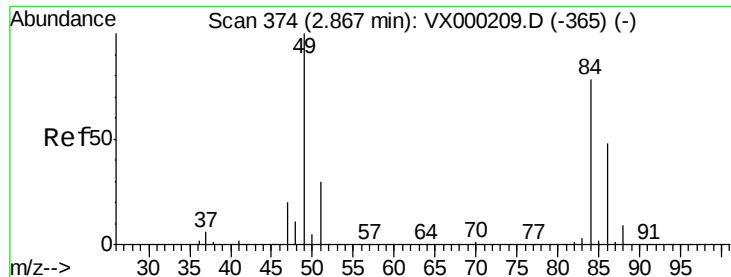
78 33.7 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

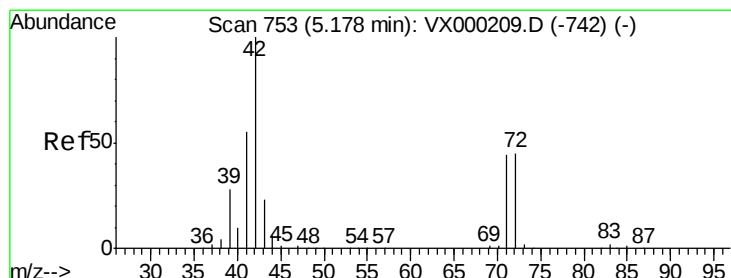
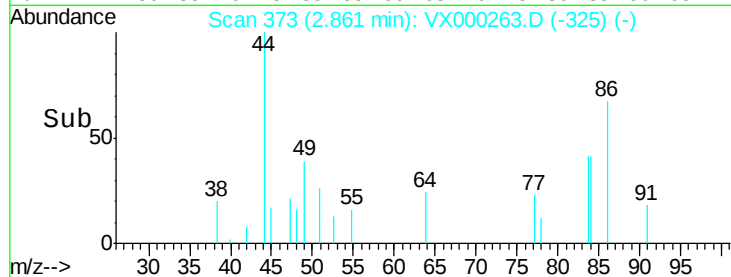
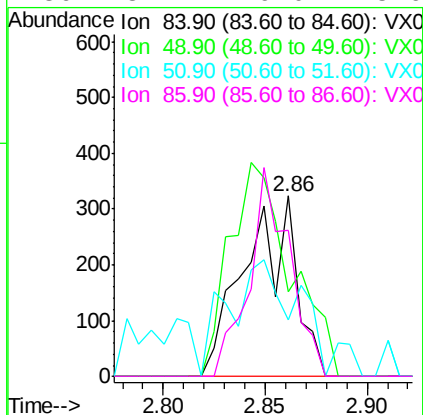
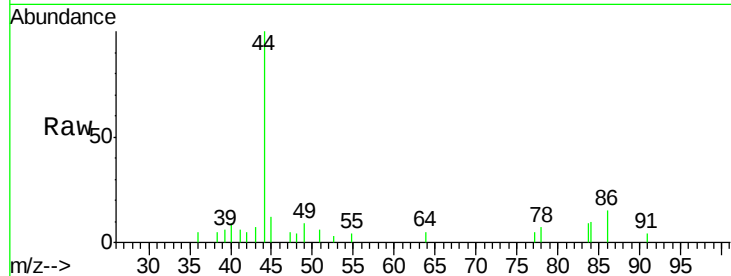




#20
Methylene Chloride
Concen: 0.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000263.D
Acq: 09 Mar 2018 18:33

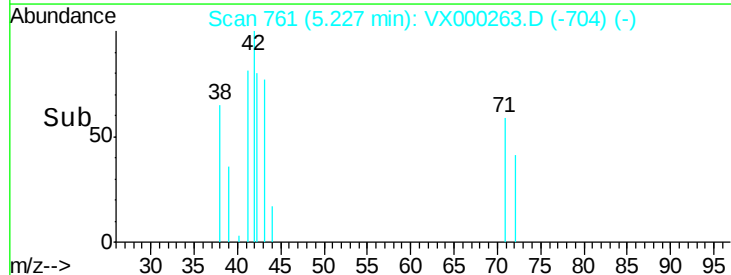
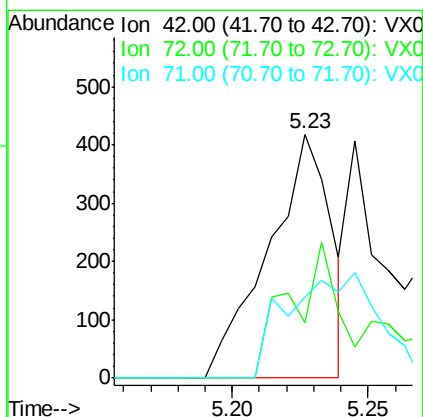
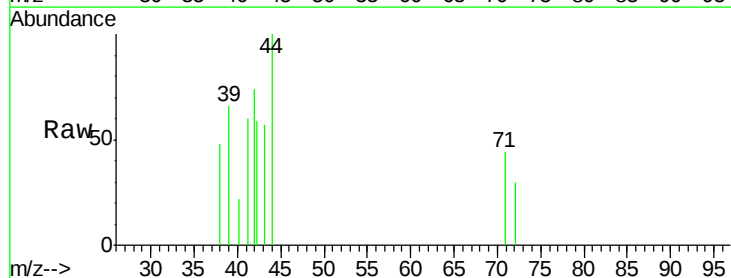
Instrument :
MSVOA_X
ClientSampleId :
B4-A

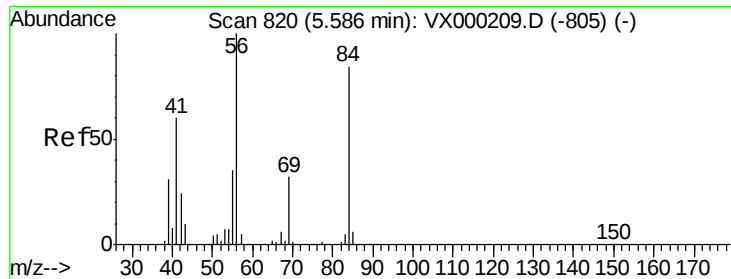
Tgt Ion: 84 Resp: 561
Ion Ratio Lower Upper
84 100
49 47.4 102.1 153.1#
51 12.7 30.6 45.8#
86 81.1 49.0 73.6#



#29
Tetrahydrofuran
Concen: 1.18 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.05 min
Lab File: VX000263.D
Acq: 09 Mar 2018 18:33

Tgt Ion: 42 Resp: 668
Ion Ratio Lower Upper
42 100
72 42.7 37.3 55.9
71 62.0 35.0 52.4#

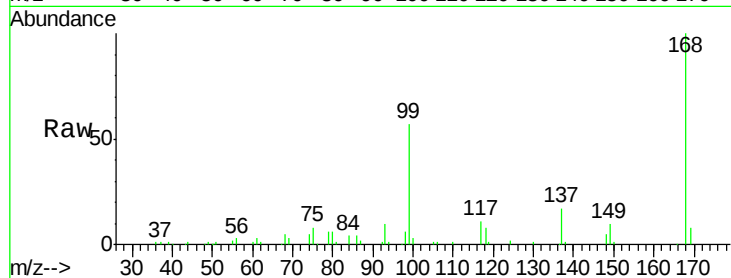




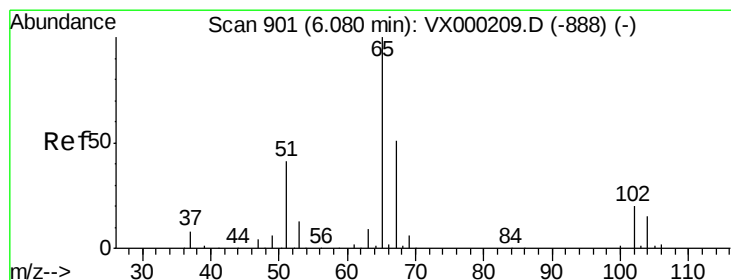
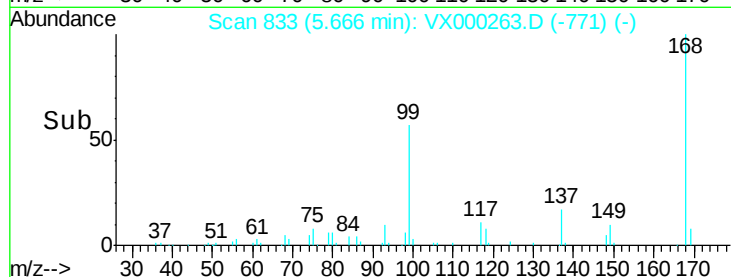
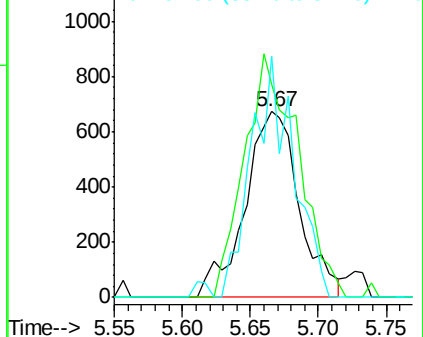
#31
Cyclohexane
Concen: 1.69 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000263.D
Acq: 09 Mar 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
B4-A

Tgt Ion: 56 Resp: 1878
Ion Ratio Lower Upper
56 100
69 114.5 25.3 37.9#
84 129.5 67.2 100.8#

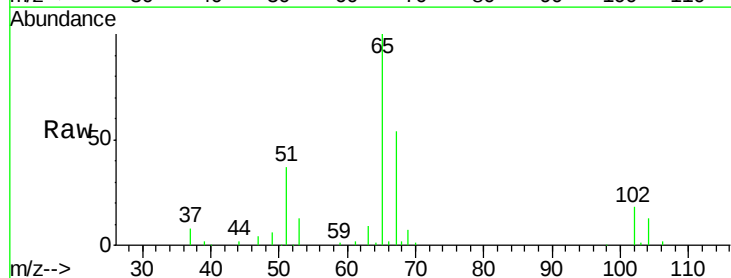


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

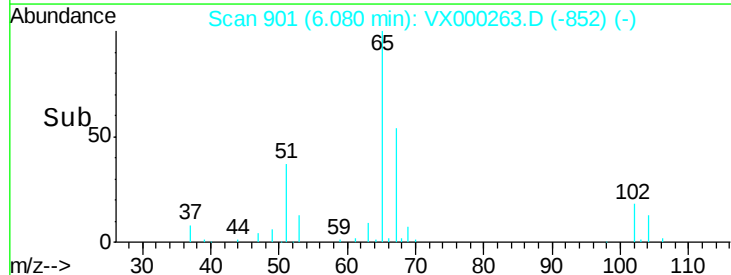
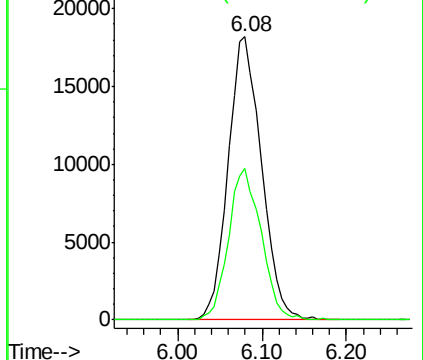


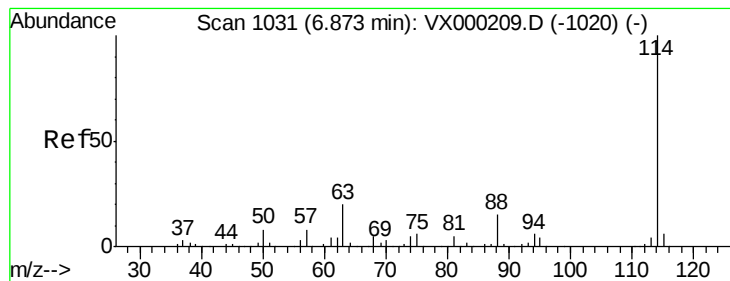
#33
1,2-Dichloroethane-d4
Concen: 48.10 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000263.D
Acq: 09 Mar 2018 18:33

Tgt Ion: 65 Resp: 48873
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4



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. -0.01 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

B4-A

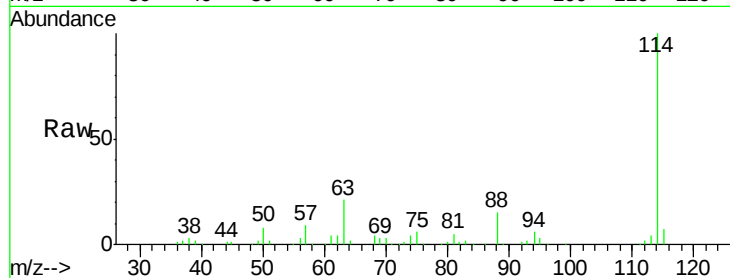
Tgt Ion:114 Resp: 122820

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

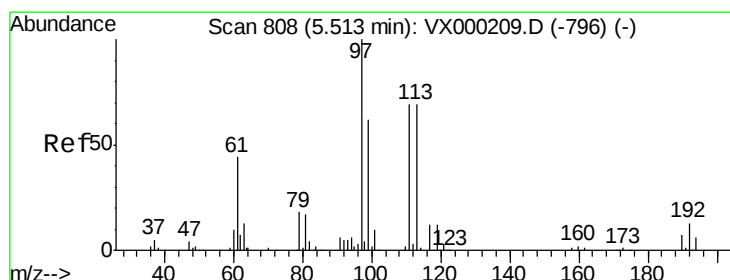
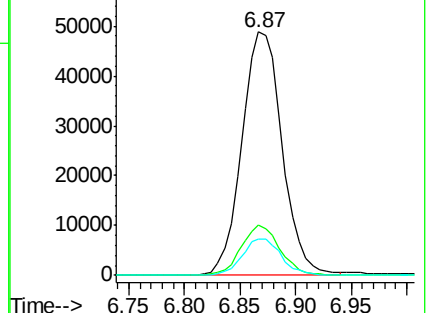
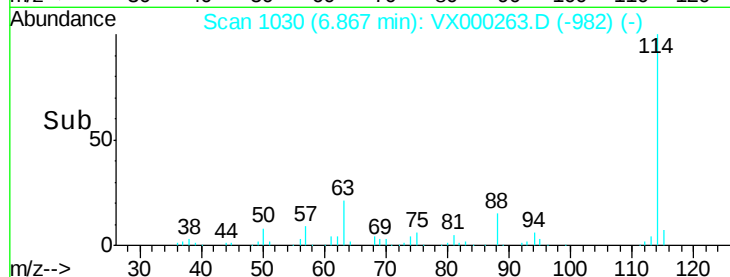
88 14.7 0.0 29.8



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: 46.79 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

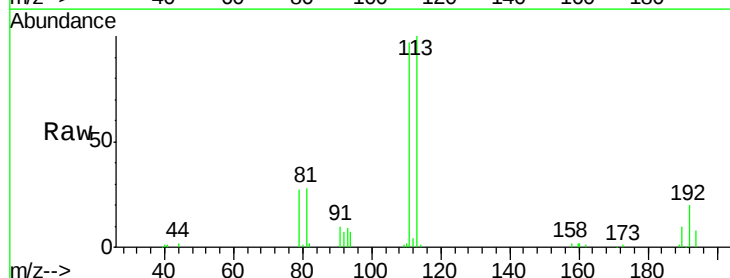
Tgt Ion:113 Resp: 36101

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.6

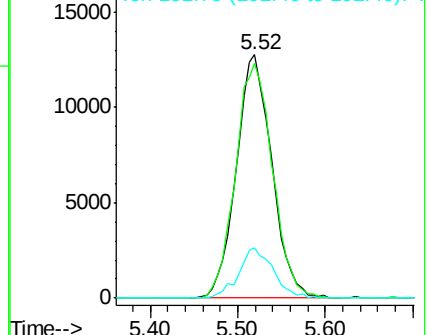
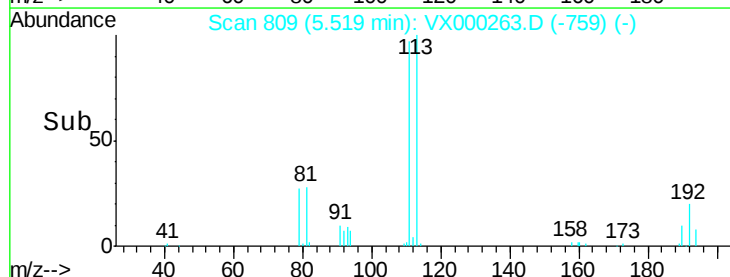
192 19.9 15.5 23.3

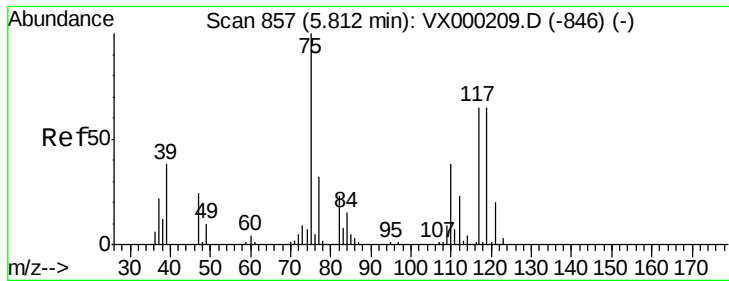


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

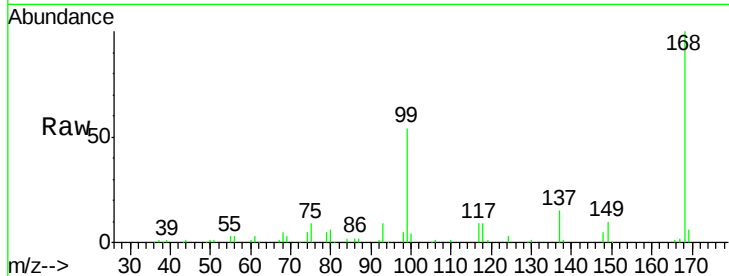




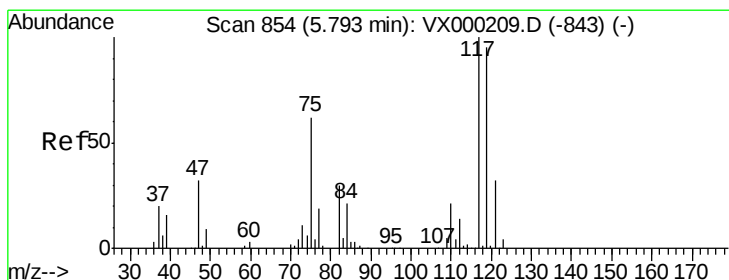
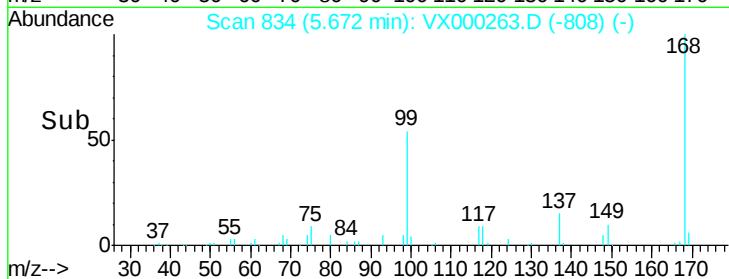
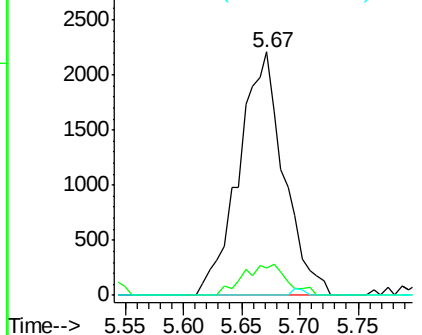
#36
 1,1-Dichloropropene
 Concen: 5.44 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000263.D
 Acq: 09 Mar 2018 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 B4-A

Tgt Ion: 75 Resp: 5950
 Ion Ratio Lower Upper
 75 100
 110 12.4 17.8 53.5#
 77 0.0 24.9 37.3#

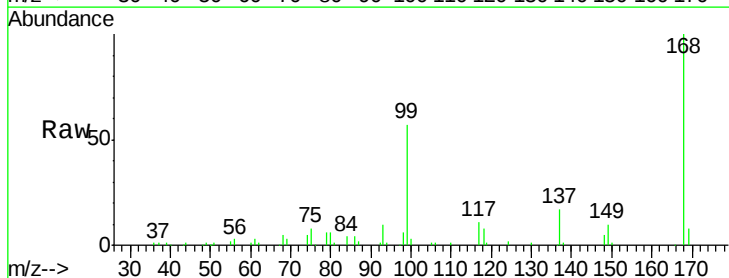


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

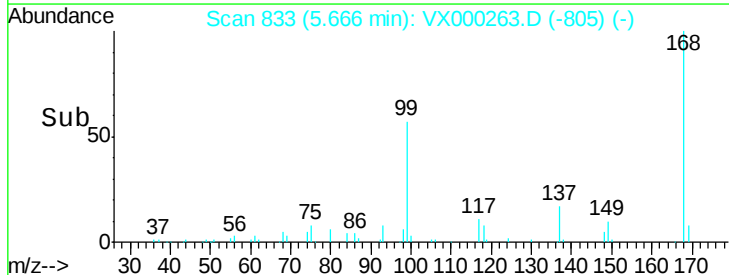
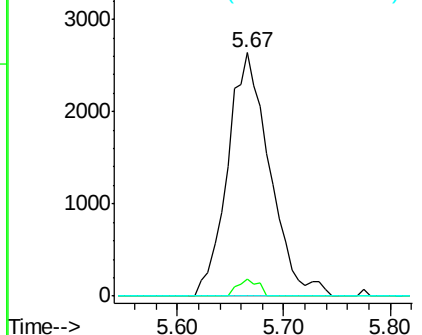


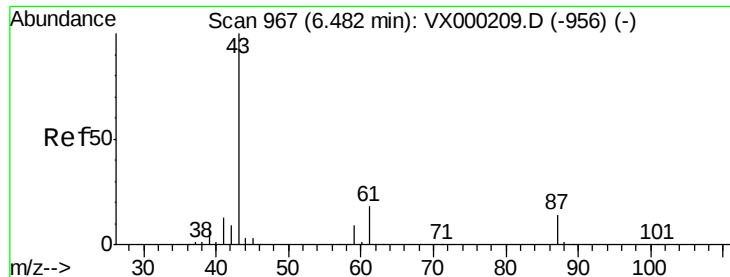
#38
 Carbon Tetrachloride
 Concen: 6.61 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX000263.D
 Acq: 09 Mar 2018 18:33

Tgt Ion: 117 Resp: 7314
 Ion Ratio Lower Upper
 117 100
 119 7.1 75.9 113.9#
 121 0.0 25.8 38.6#



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





#43

Isopropyl Acetate

Concen: 0.59 ug/l

RT: 6.52 min Scan# 973

Delta R.T. 0.04 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

B4-A

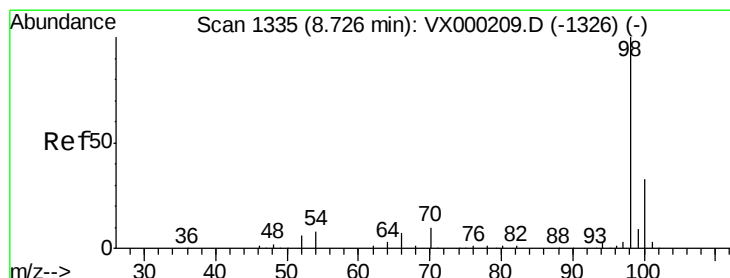
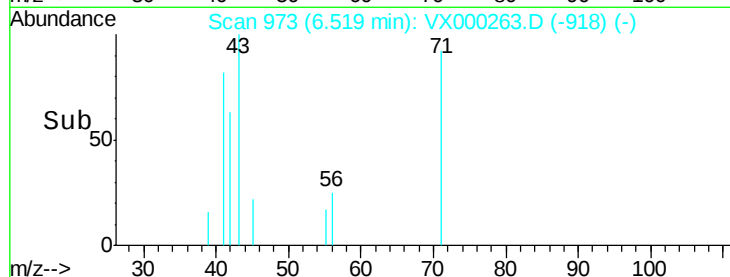
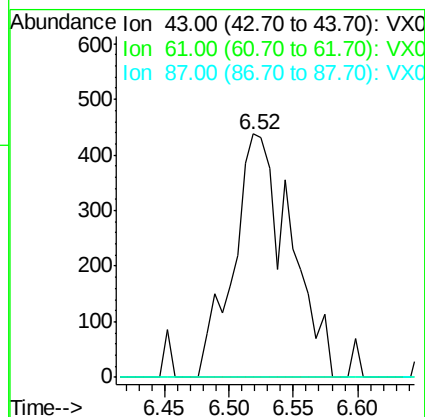
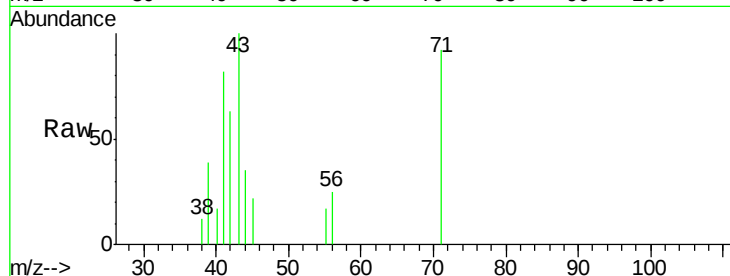
Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

87 0.0 10.6 16.0#



#50

Toluene-d8

Concen: 47.39 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000263.D

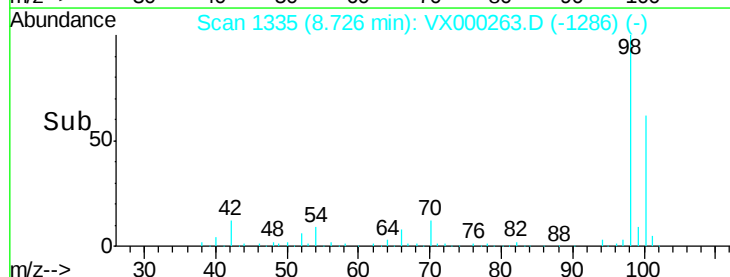
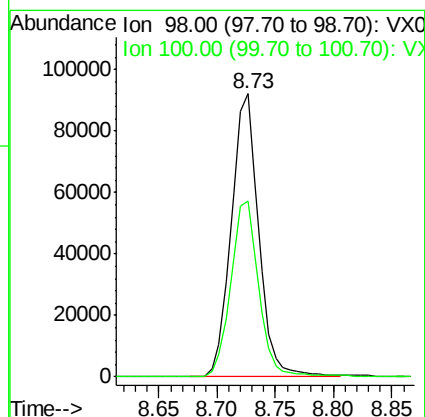
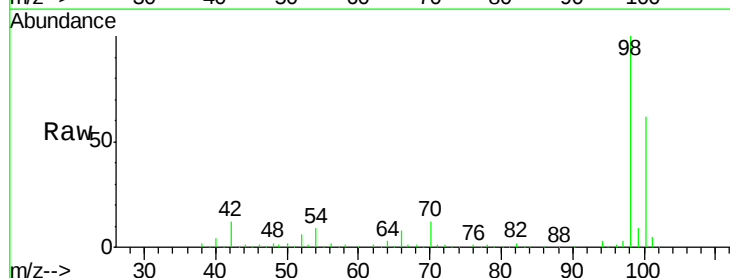
Acq: 09 Mar 2018 18:33

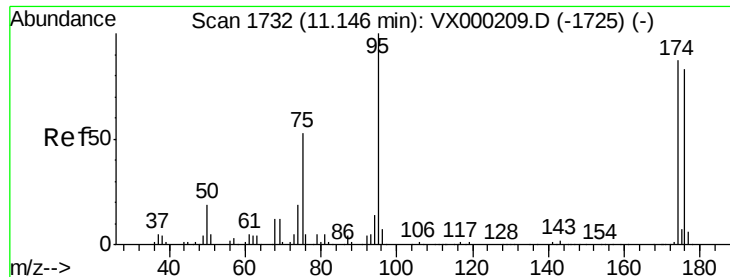
Tgt Ion: 98 Resp: 151430

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 41.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

B4-A

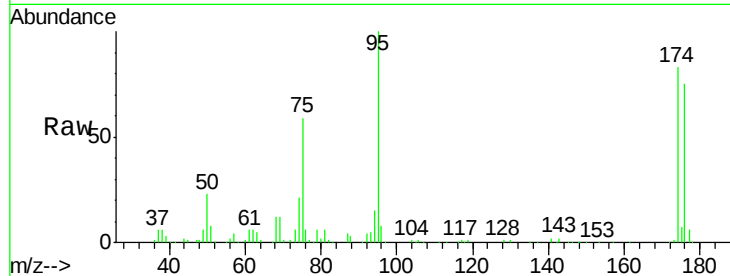
Tgt Ion: 95 Resp: 52263

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

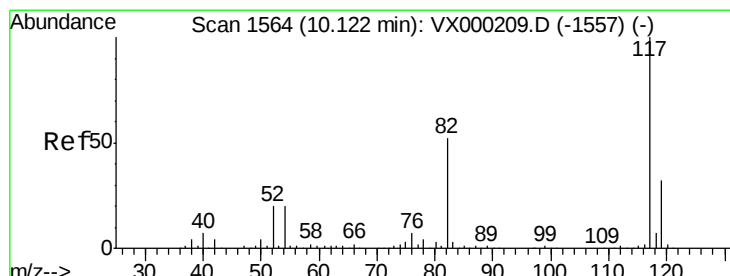
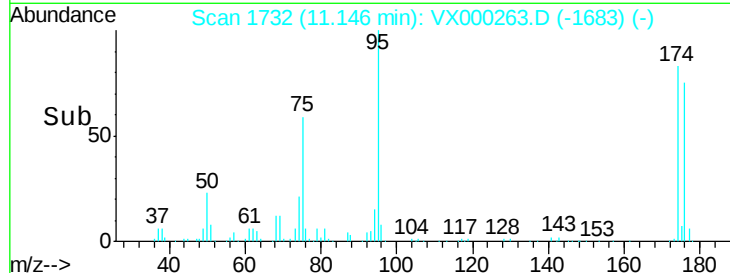
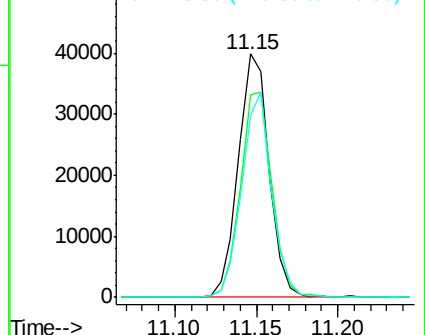
176 81.9 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000209.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000209.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000209.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

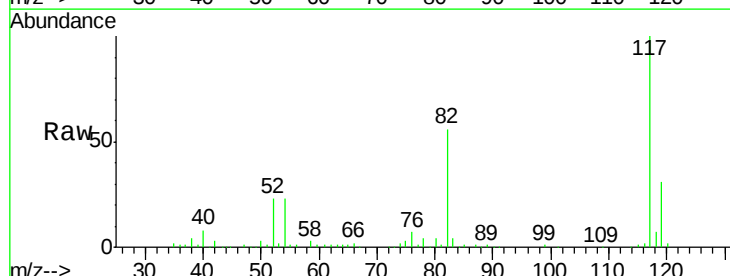
Tgt Ion: 117 Resp: 117377

Ion Ratio Lower Upper

117 100

82 55.8 42.0 63.0

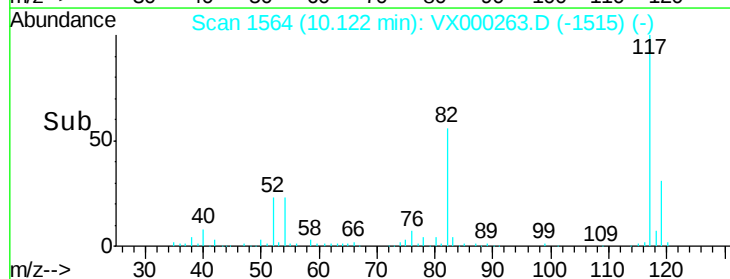
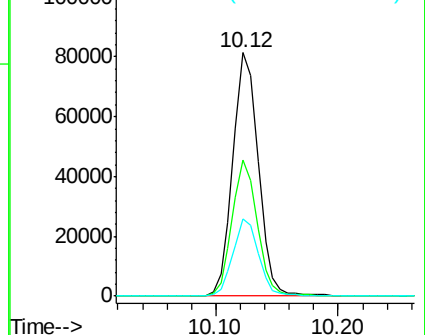
119 31.5 25.3 37.9

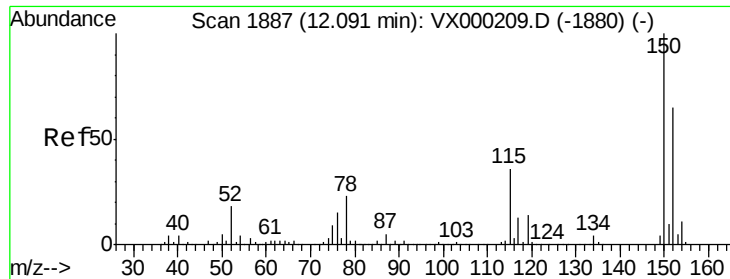


Abundance Ion 116.90 (116.60 to 117.60): VX000209.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000209.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000209.D (-1557) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

B4-A

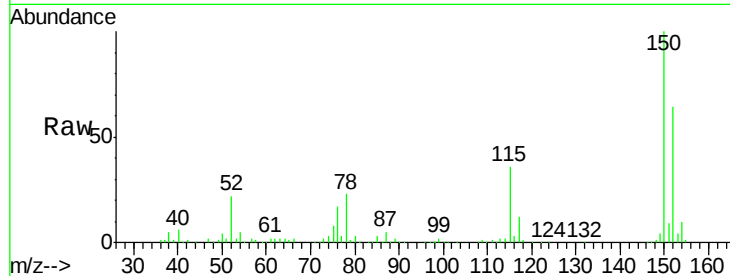
Tgt Ion:152 Resp: 59074

Ion Ratio Lower Upper

152 100

115 58.4 39.8 119.3

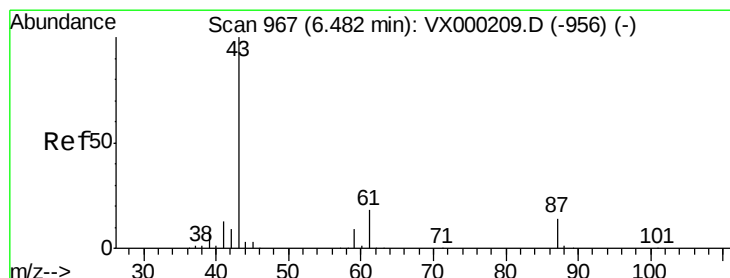
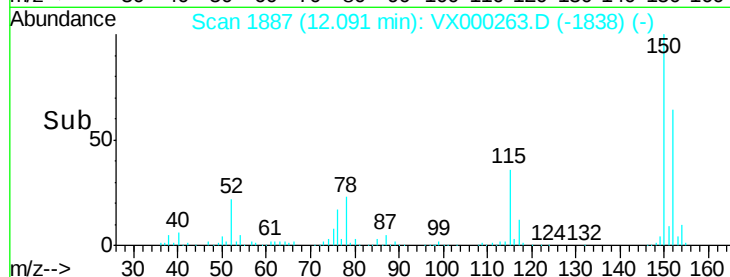
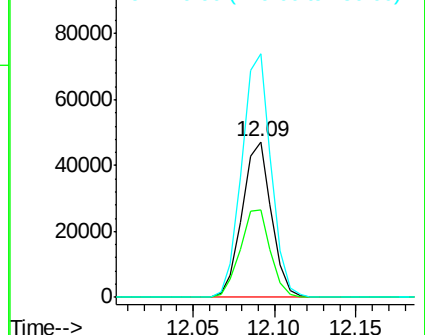
150 156.5 0.0 345.0



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



#74

N-ethyl acetate

Concen: 0.71 ug/l

RT: 6.52 min Scan# 973

Delta R.T. 0.04 min

Lab File: VX000263.D

Acq: 09 Mar 2018 18:33

Tgt Ion: 43 Resp: 1343

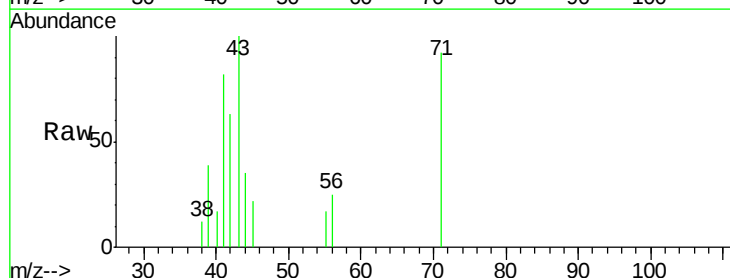
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 5.7 0.0 0.0#

61 0.0 14.8 22.2#

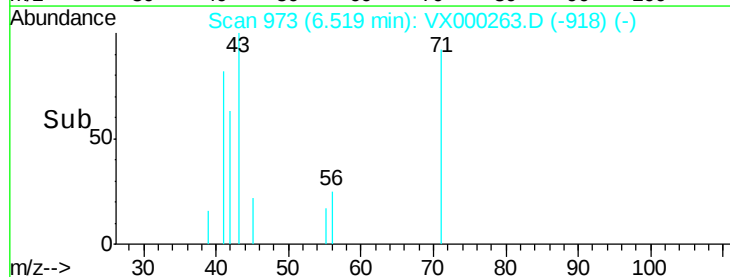
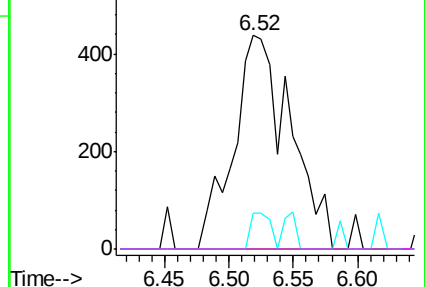


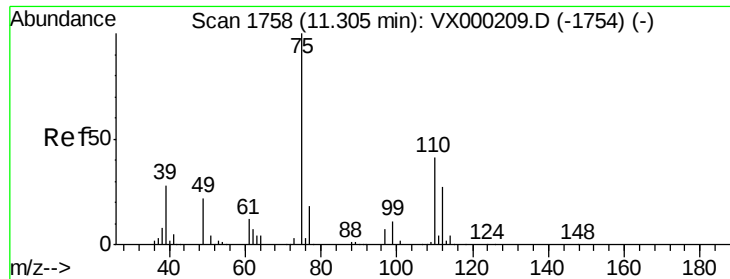
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

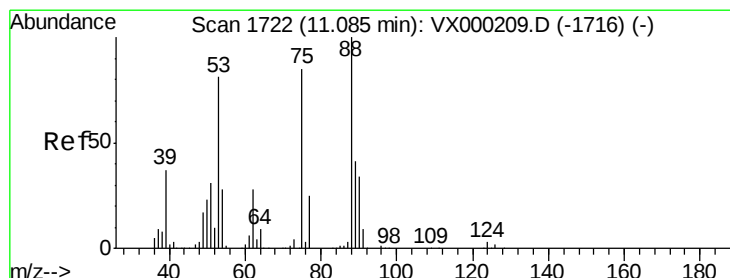
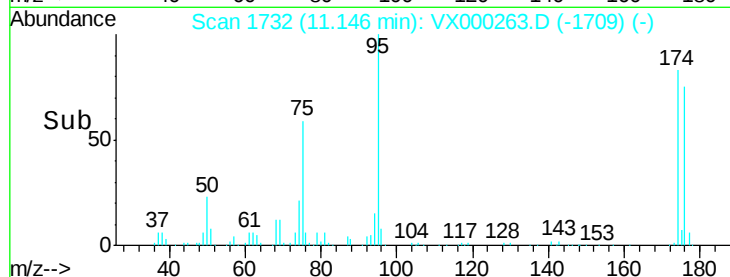
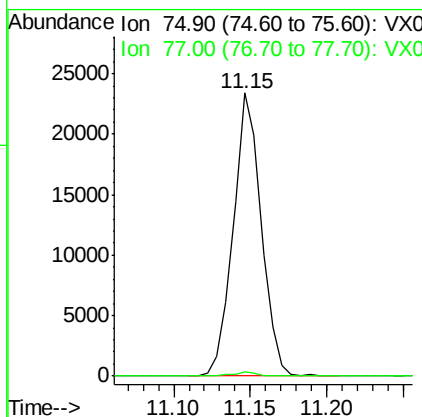
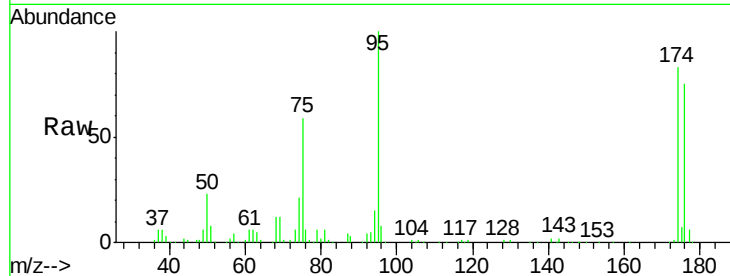




#76
 1,2,3-Trichloropropane
 Concen: 25.06 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000263.D
 Acq: 09 Mar 2018 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 B4-A

Tgt Ion: 75 Resp: 29678
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.75 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000263.D
 Acq: 09 Mar 2018 18:33

Tgt Ion: 75 Resp: 29678
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.2 38.8 58.2#

