

Data File : VX000266.D
Acq On : 09 Mar 2018 19:50
Operator : JC/MD
Sample : J1853-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

Quant Time: Mar 09 23:32:52 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	5.68	168	75837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	129329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	123222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	65278	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	52537	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	5.52	113	40138	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.73	98	159843	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.15	95	56103	42.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.44%	

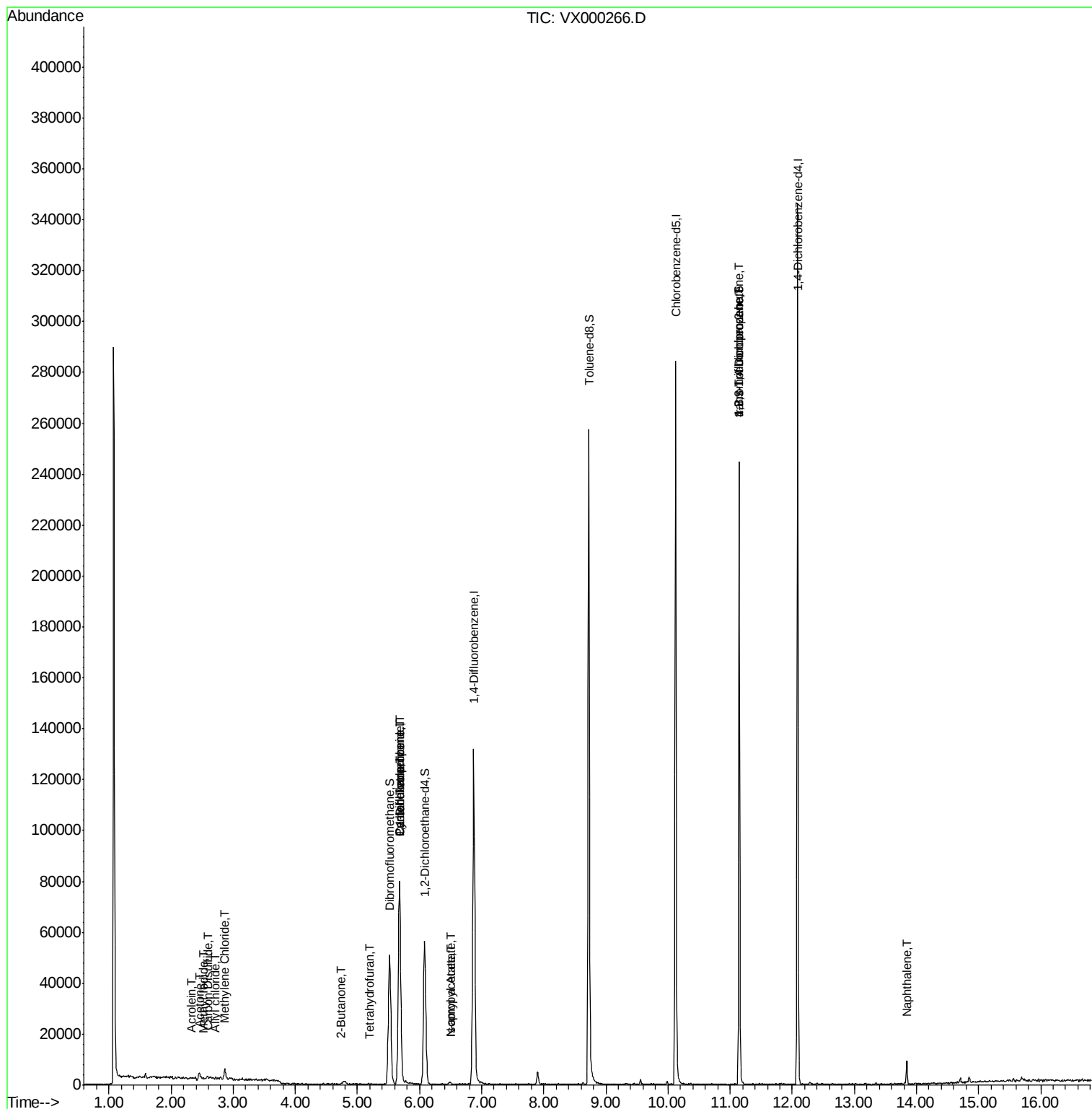
Target Compounds				Qvalue		
5) Bromomethane	1.67	94	330	Below Cal	#	3
6) Chloroethane	1.73	64	171	Below Cal		89
10) Methyl Iodide	2.52	142	70	3.22	ug/l #	80
13) Acrolein	2.32	56	47	0.23	ug/l	90
14) Allyl chloride	2.72	41	504	0.34	ug/l #	51
16) Acetone	2.45	43	2917	3.86	ug/l	94
17) Carbon Disulfide	2.59	76	781	0.36	ug/l #	80
20) Methylene Chloride	2.87	84	1400	1.55	ug/l #	85
25) 2-Butanone	4.73	43	342	0.37	ug/l #	50
29) Tetrahydrofuran	5.20	42	198	0.34	ug/l #	31
31) Cyclohexane	5.68	56	1757	1.53	ug/l #	1
36) 1,1-Dichloropropene	5.68	75	6249	5.43	ug/l #	49
38) Carbon Tetrachloride	5.68	117	7865	6.75	ug/l #	17
43) Isopropyl Acetate	6.49	43	1017	0.42	ug/l #	83
74) N-amyl acetate	6.49	43	1017	0.49	ug/l #	90
76) 1,2,3-Trichloropropane	11.15	75	32290	24.68	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.15	75	32290	75.56	ug/l #	10
95) Naphthalene	13.85	128	5298	1.05	ug/l #	94

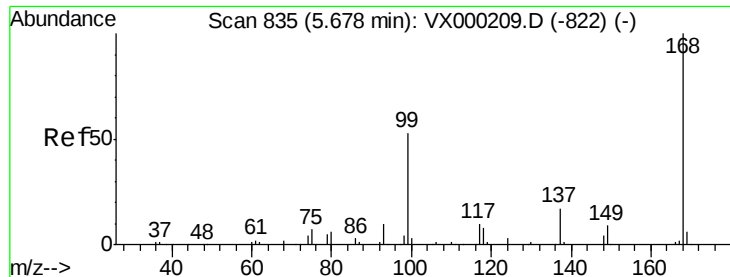
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

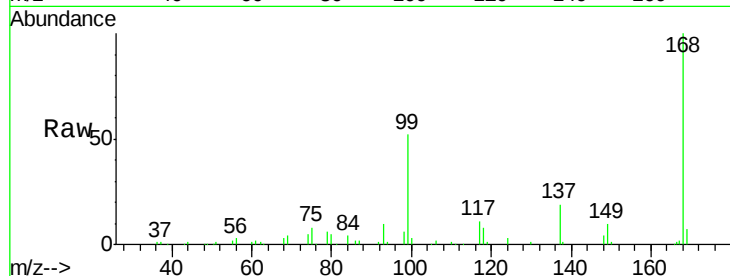
TP1-WC

Tgt Ion:168 Resp: 75837

Ion Ratio Lower Upper

168 100

99 51.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

30000

25000

20000

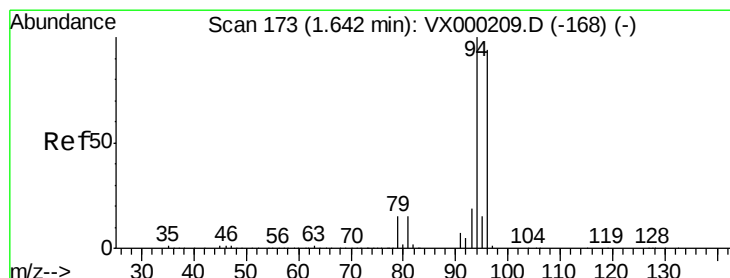
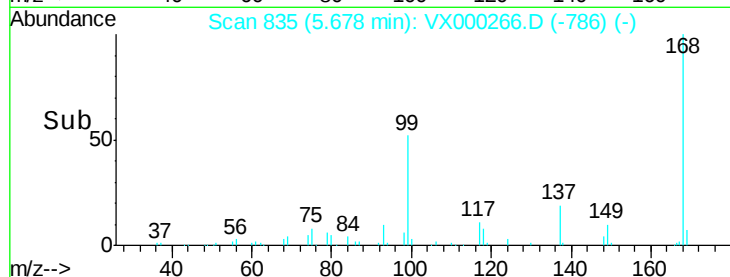
15000

10000

5000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX000266.D

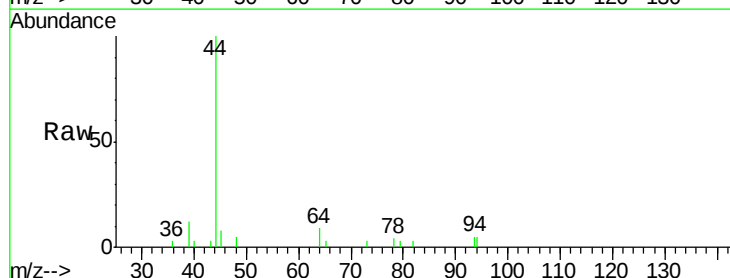
Acq: 09 Mar 2018 19:50

Tgt Ion: 94 Resp: 330

Ion Ratio Lower Upper

94 100

96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

200

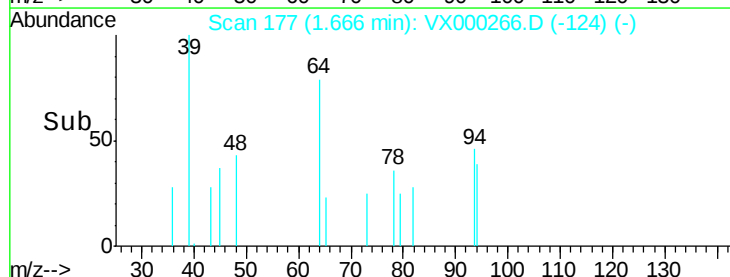
150

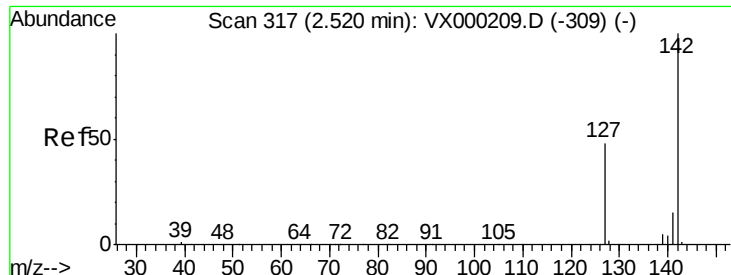
100

50

0

Time-->

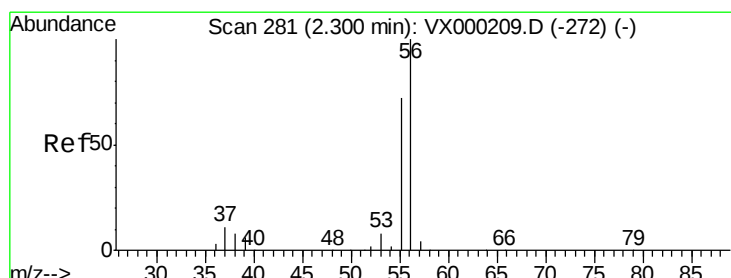
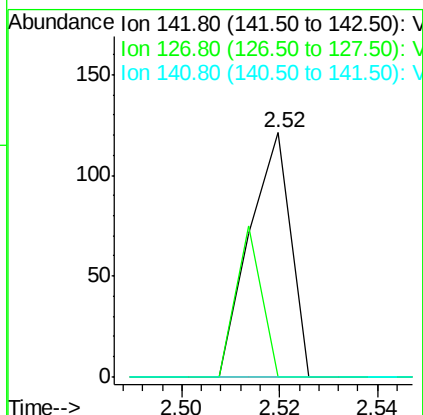
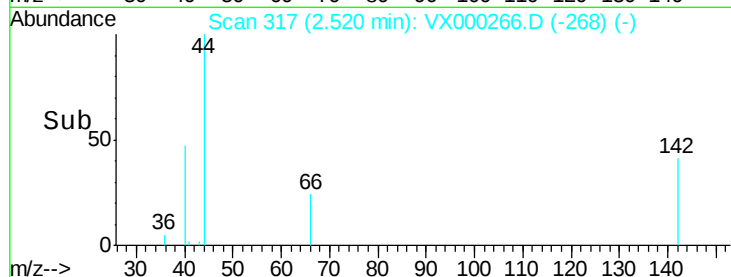
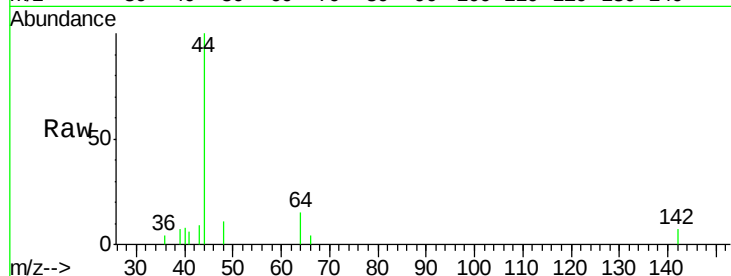




#10
Methyl Iodide
Concen: 3.22 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

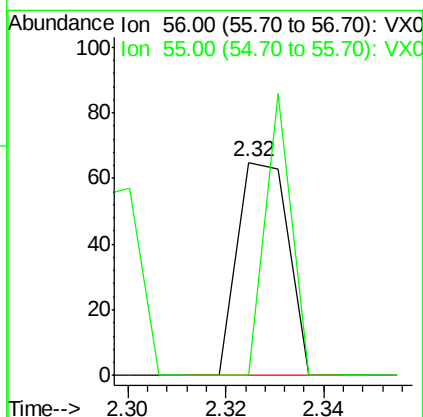
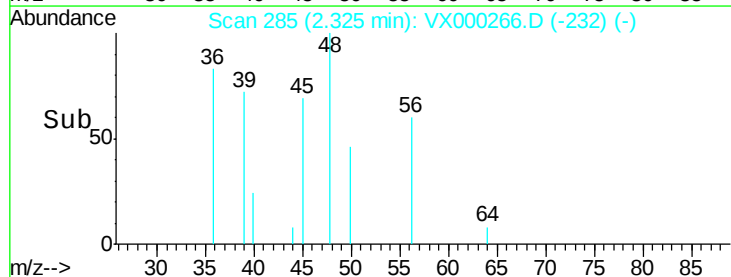
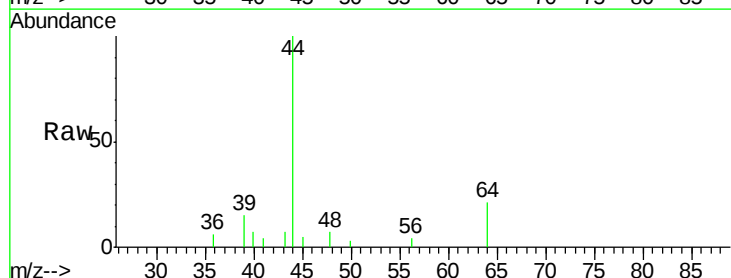
Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

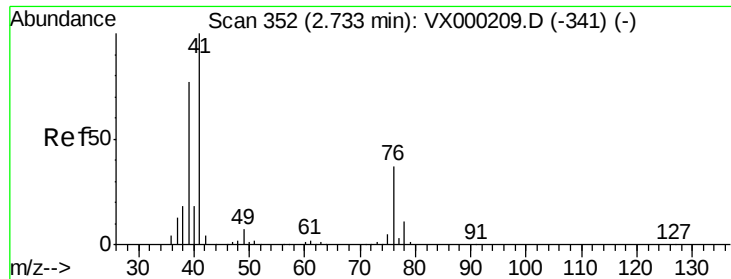
Tgt Ion: 142 Resp: 70
Ion Ratio Lower Upper
142 100
127 38.6 39.0 58.6#
141 0.0 11.6 17.4#



#13
Acrolein
Concen: 0.23 ug/l
RT: 2.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 66.0 59.2 88.8





#14

Allyl chloride

Concen: 0.34 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

TP1-WC

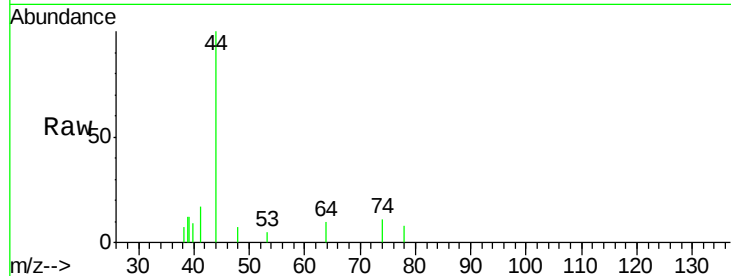
Tgt Ion: 41 Resp: 504

Ion Ratio Lower Upper

41 100

39 34.9 57.0 85.6#

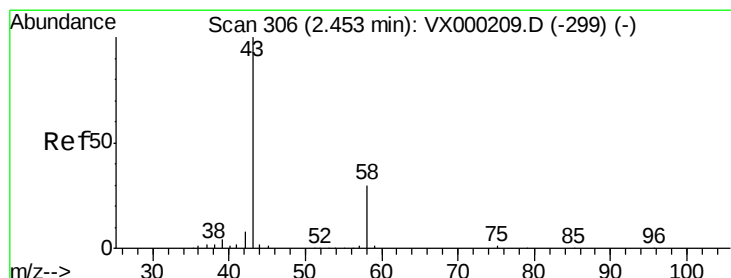
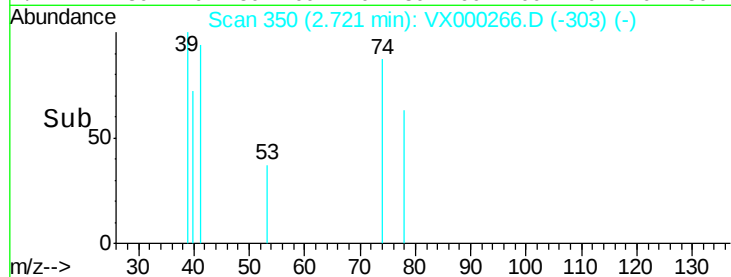
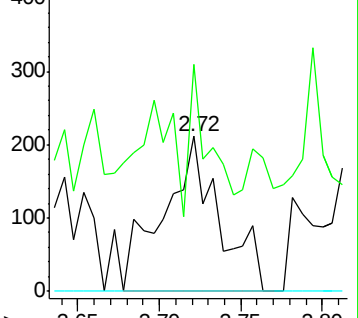
76 0.0 26.8 40.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 3.86 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000266.D

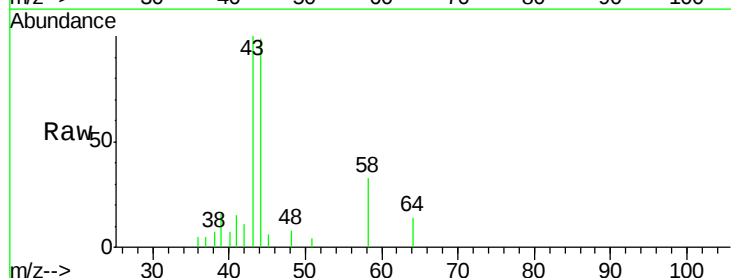
Acq: 09 Mar 2018 19:50

Tgt Ion: 43 Resp: 2917

Ion Ratio Lower Upper

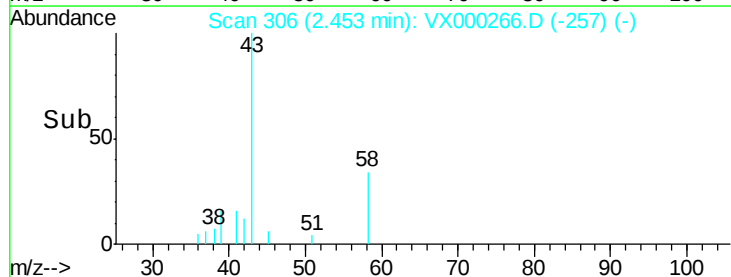
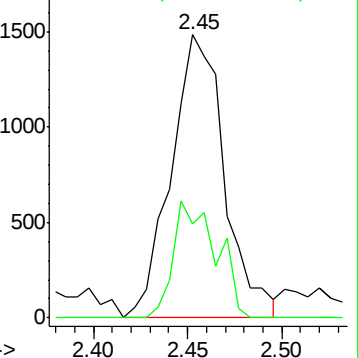
43 100

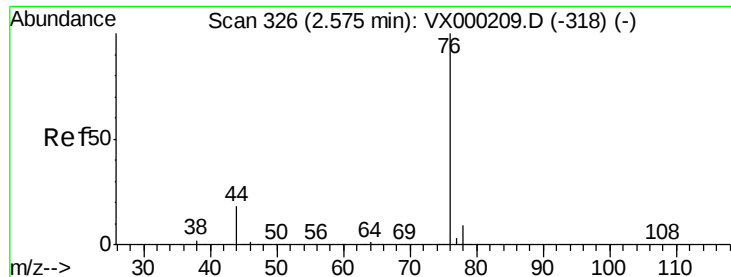
58 33.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.36 ug/l

RT: 2.59 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

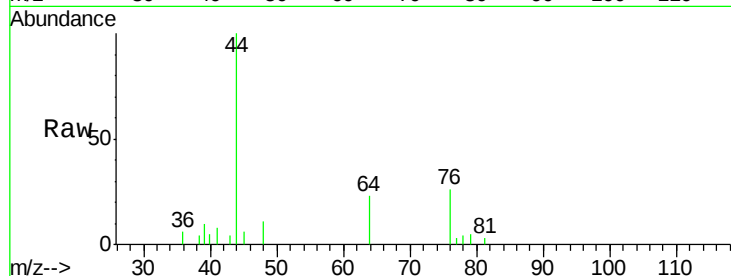
TP1-WC

Tgt Ion: 76 Resp: 781

Ion Ratio Lower Upper

76 100

78 15.8 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.59

400

300

200

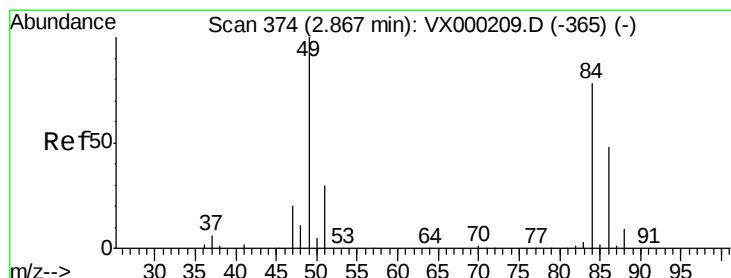
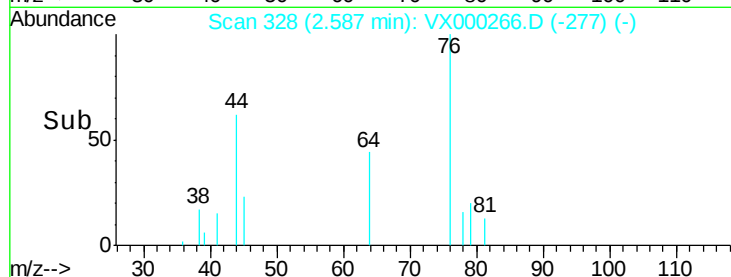
100

0

2.55

2.60

Time-->



#20

Methylene Chloride

Concen: 1.55 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Tgt Ion: 84 Resp: 1400

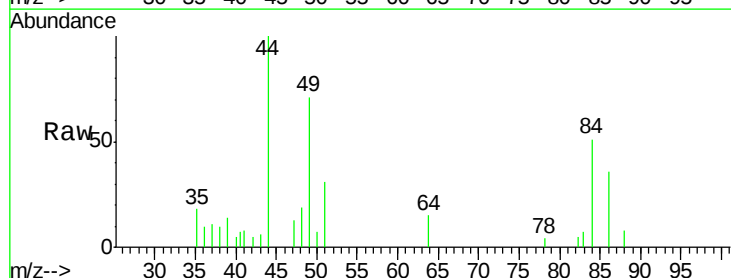
Ion Ratio Lower Upper

84 100

49 139.7 102.1 153.1

51 61.1 30.6 45.8#

86 70.4 49.0 73.6



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

1500

1000

500

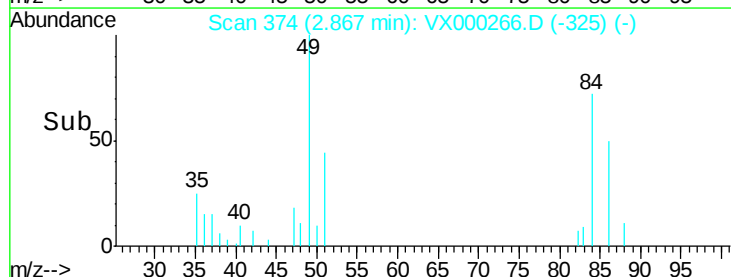
0

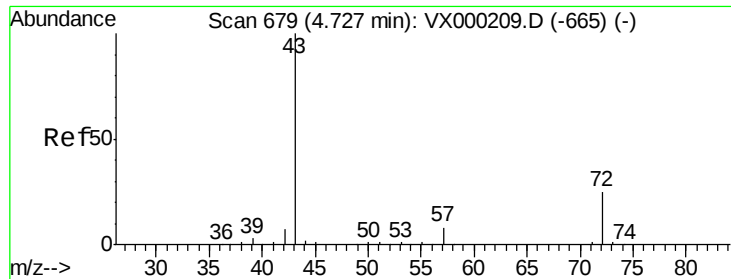
2.80

2.85

2.90

Time-->





#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

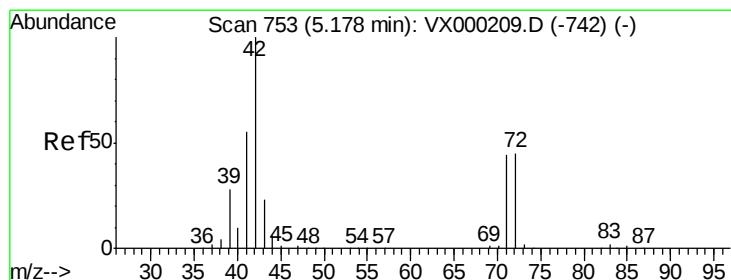
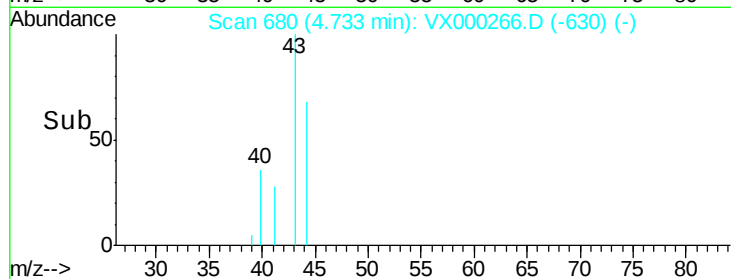
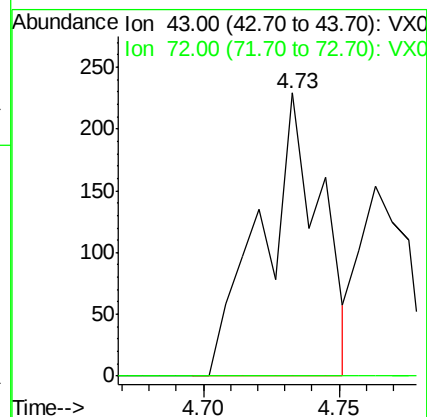
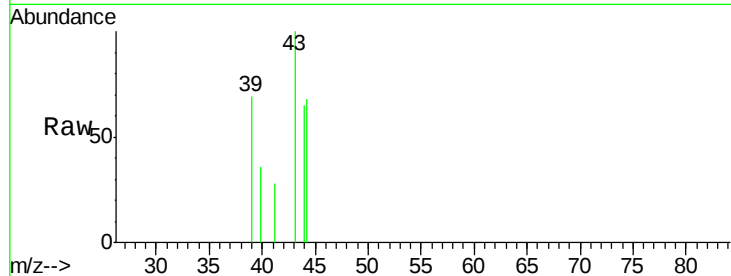
TP1-WC

Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.2#



#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 5.20 min Scan# 757

Delta R.T. 0.02 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

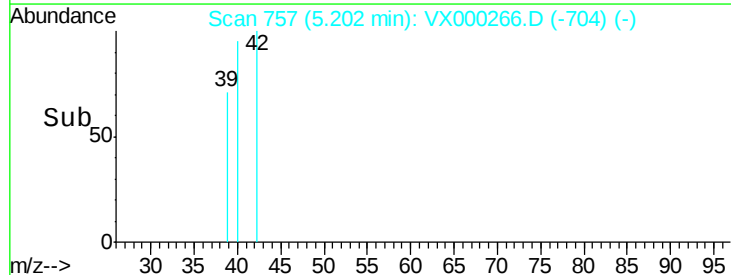
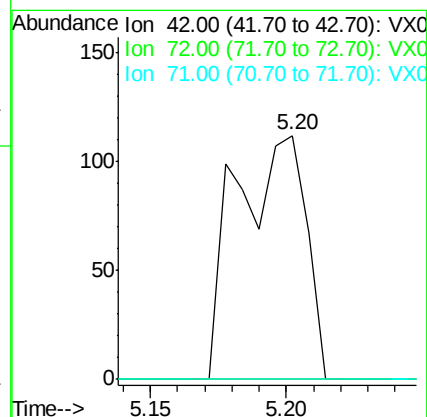
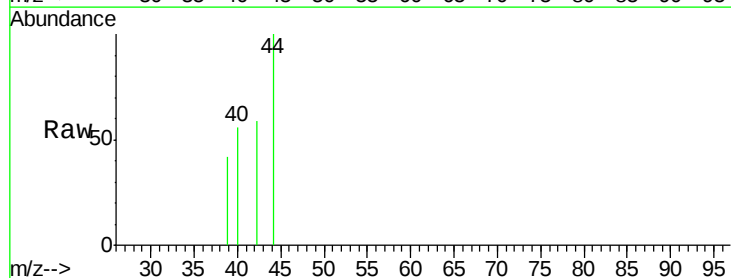
Tgt Ion: 42 Resp: 198

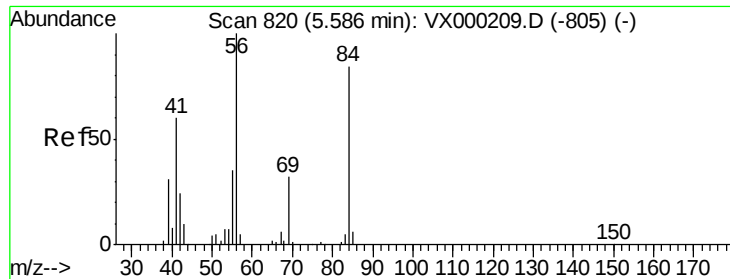
Ion Ratio Lower Upper

42 100

72 0.0 37.3 55.9#

71 0.0 35.0 52.4#

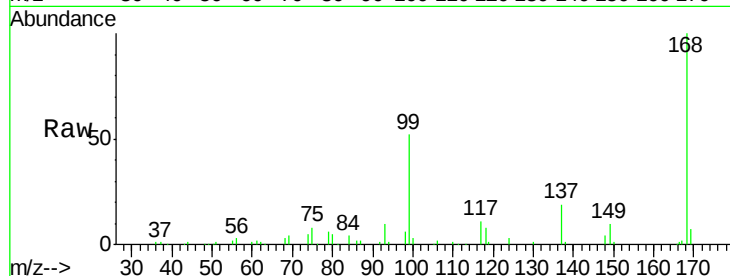




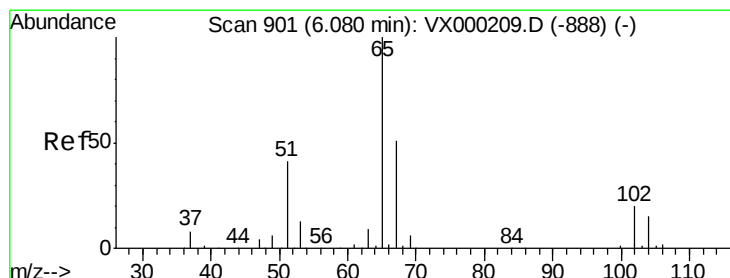
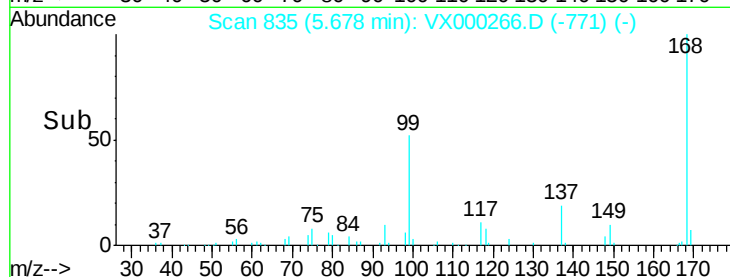
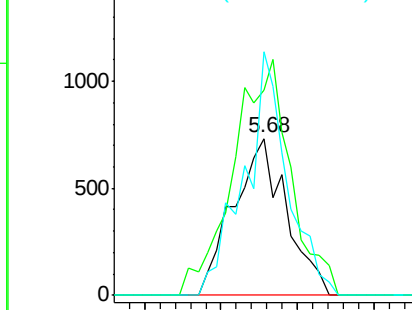
#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

Tgt Ion: 56 Resp: 1757
Ion Ratio Lower Upper
56 100
69 131.1 25.3 37.9#
84 155.1 67.2 100.8#

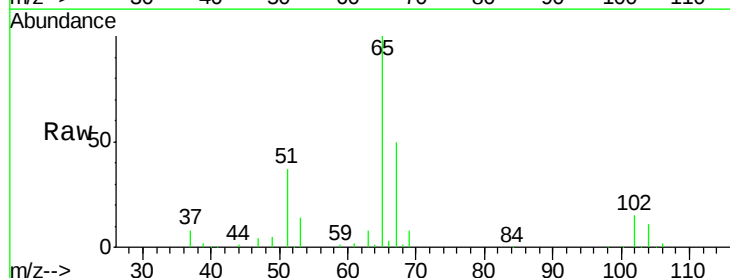


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

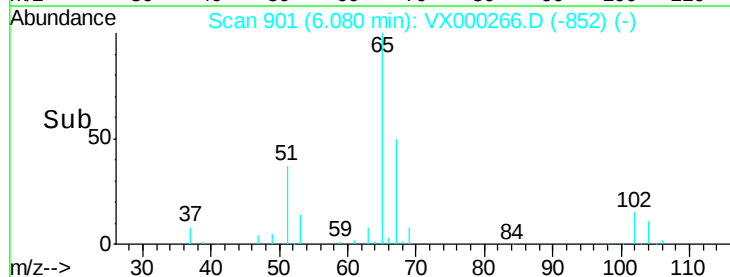
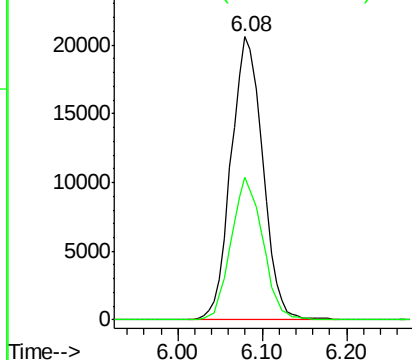


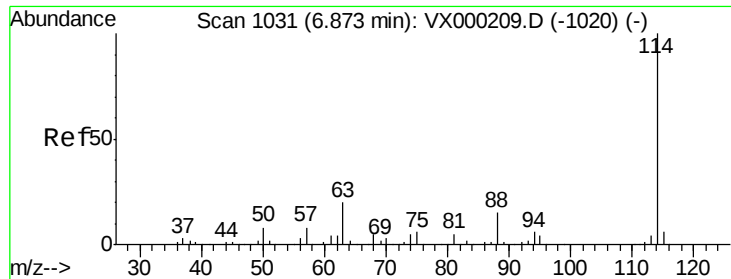
#33
1,2-Dichloroethane-d4
Concen: 49.98 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Tgt Ion: 65 Resp: 52537
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.4



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

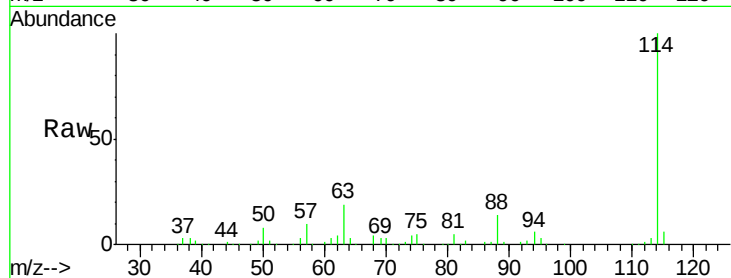




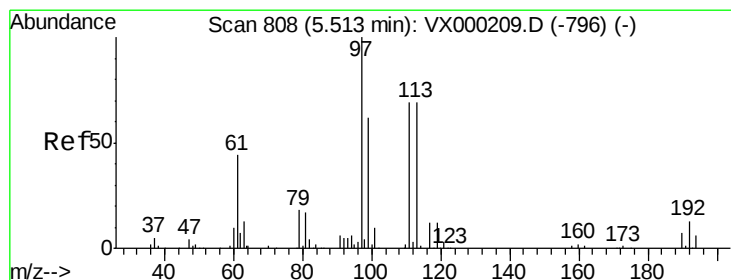
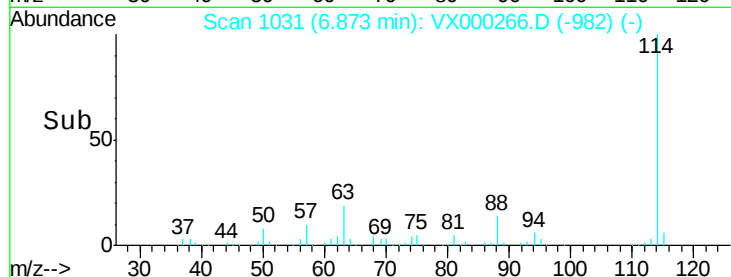
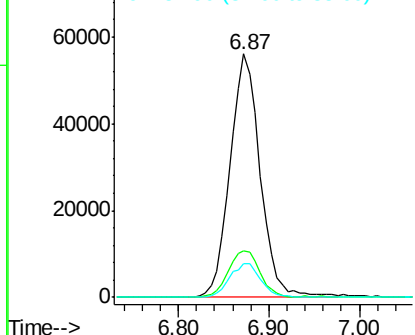
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

Tgt Ion:114 Resp: 129329
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 13.9 0.0 29.8

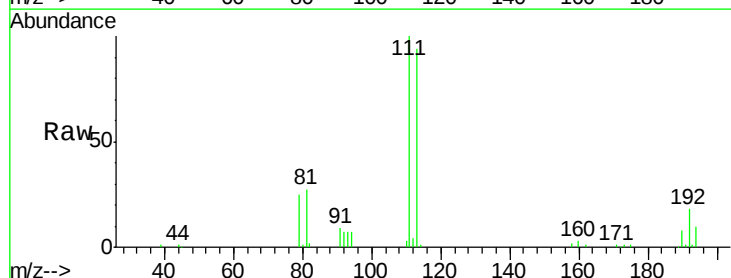


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

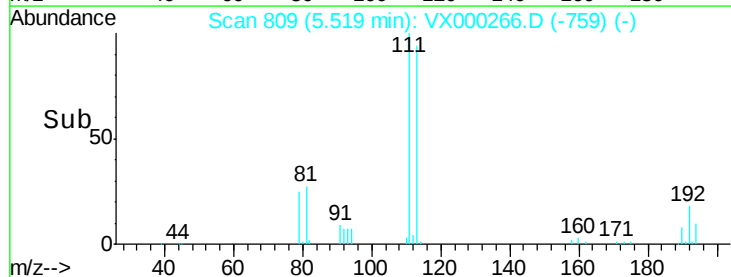
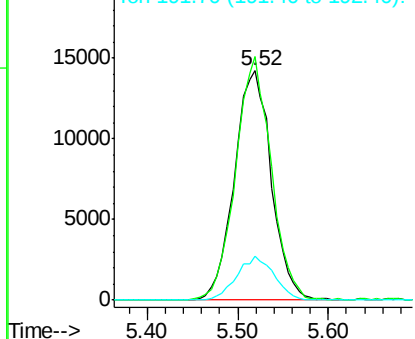


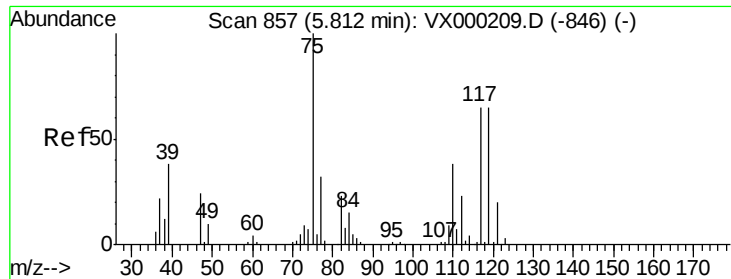
#35
Dibromofluoromethane
Concen: 49.41 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Tgt Ion:113 Resp: 40138
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 19.0 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

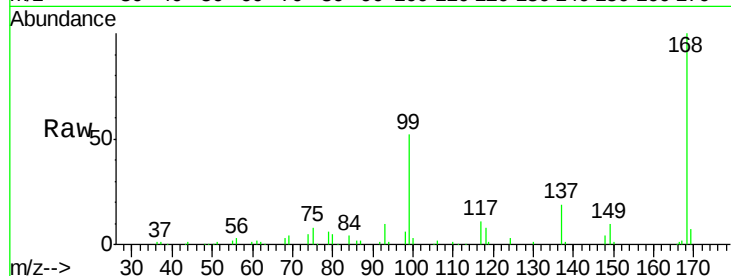




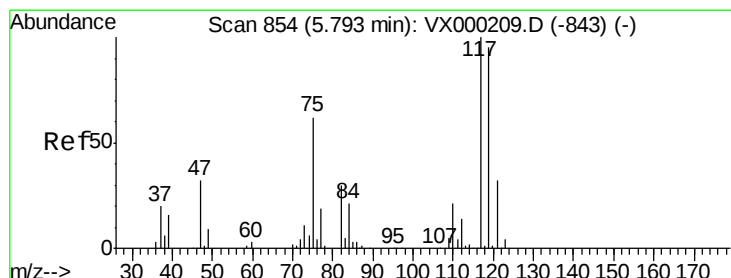
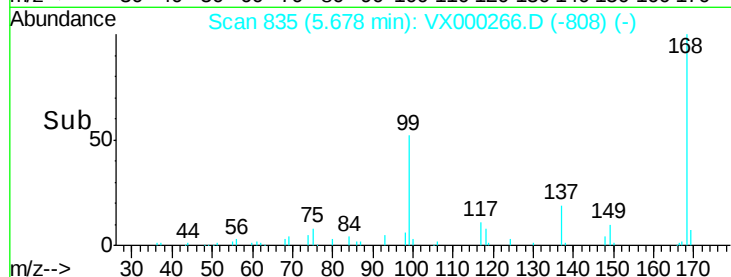
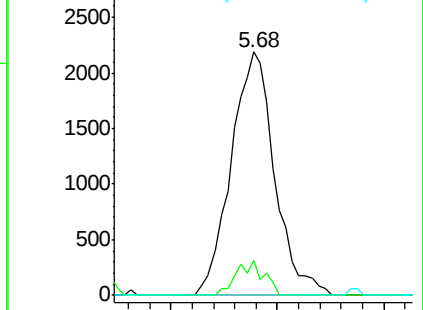
#36
 1,1-Dichloropropene
 Concen: 5.43 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000266.D
 Acq: 09 Mar 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TP1-WC

Tgt Ion: 75 Resp: 6249
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 24.9 37.3#

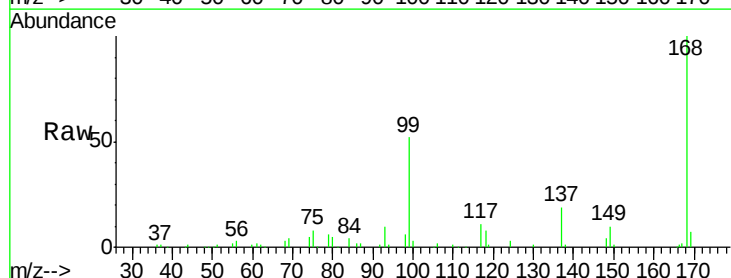


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

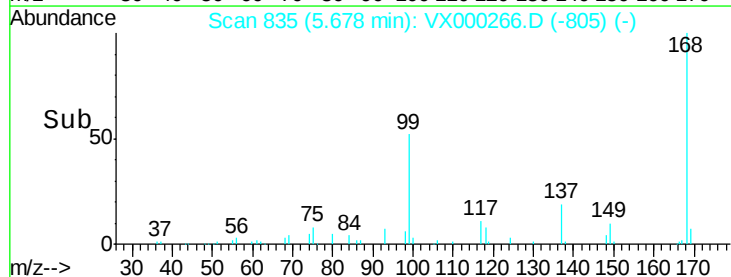
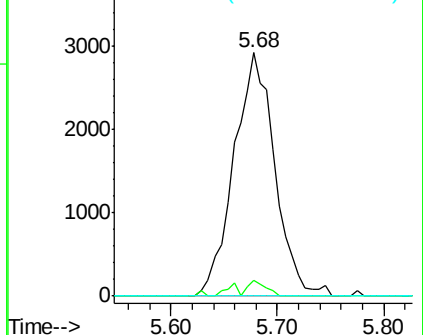


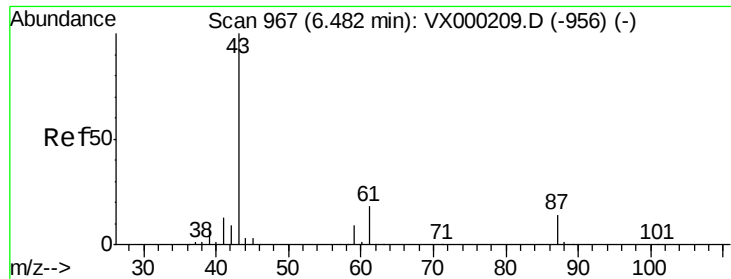
#38
 Carbon Tetrachloride
 Concen: 6.75 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000266.D
 Acq: 09 Mar 2018 19:50

Tgt Ion: 117 Resp: 7865
 Ion Ratio Lower Upper
 117 100
 119 6.5 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: 0.42 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

TP1-WC

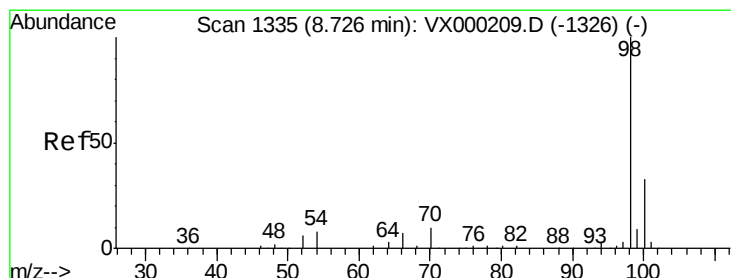
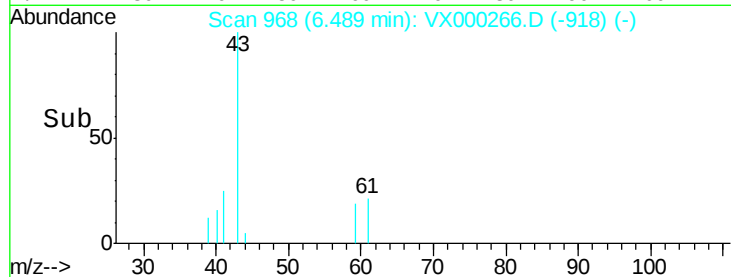
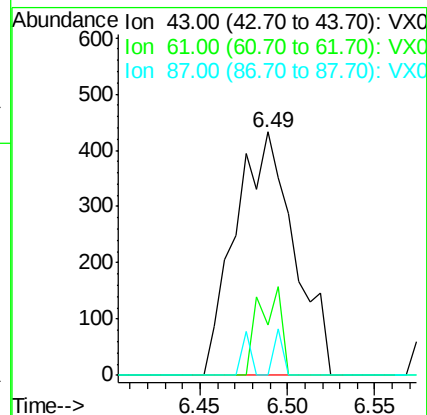
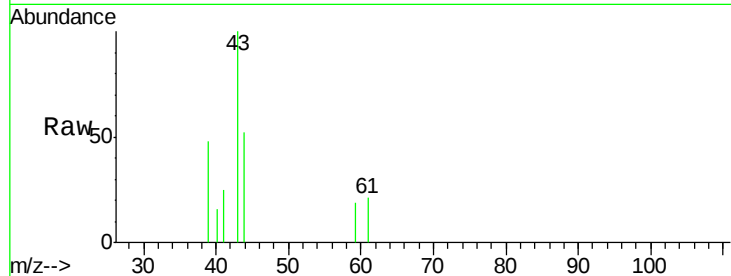
Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

43 100

61 14.0 14.8 22.2#

87 2.9 10.6 16.0#



#50

Toluene-d8

Concen: 47.51 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000266.D

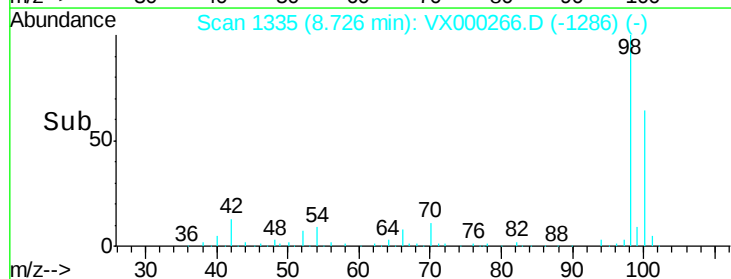
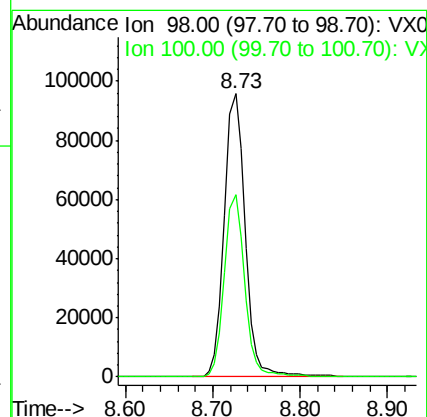
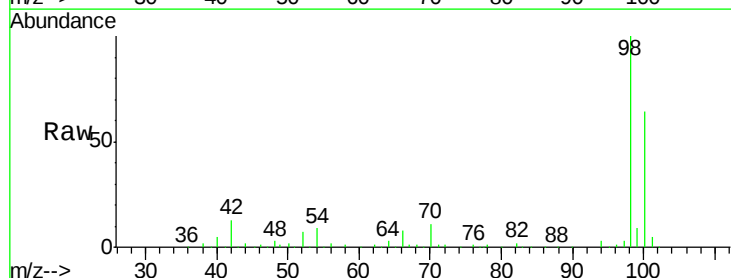
Acq: 09 Mar 2018 19:50

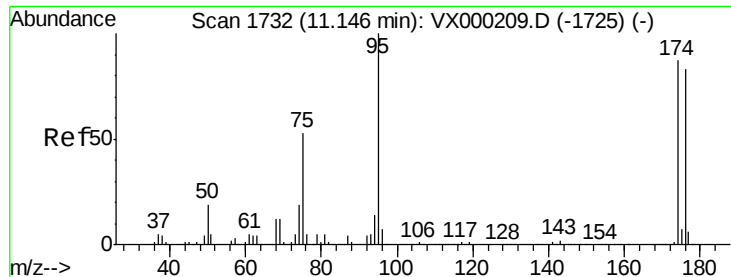
Tgt Ion: 98 Resp: 159843

Ion Ratio Lower Upper

98 100

100 62.7 51.2 76.8

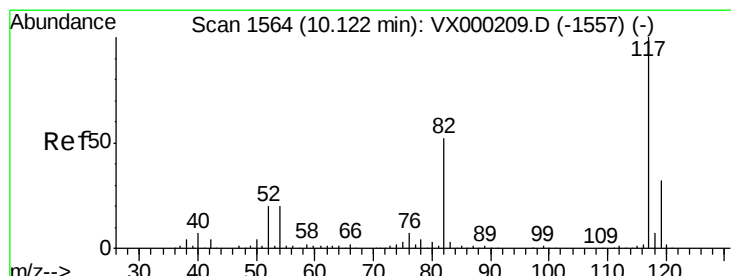
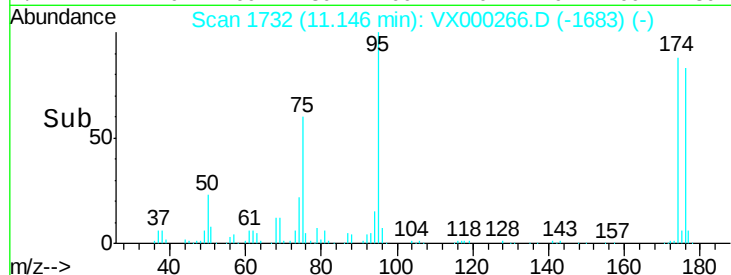
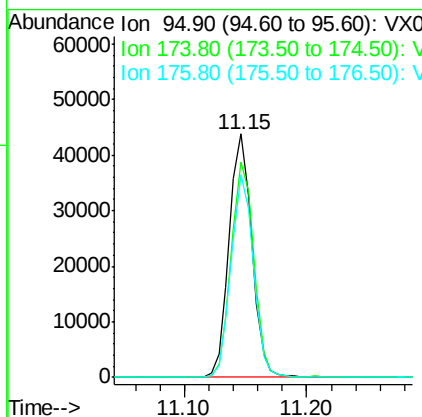
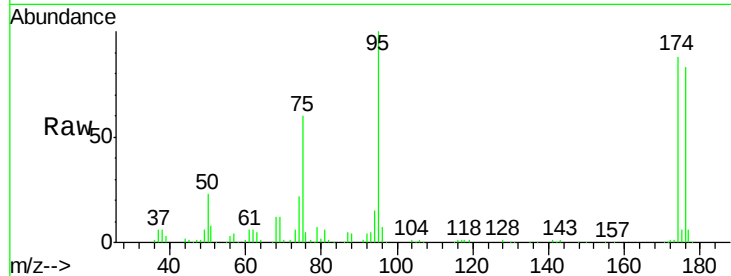




#62
4-Bromofluorobenzene
Concen: 42.72 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

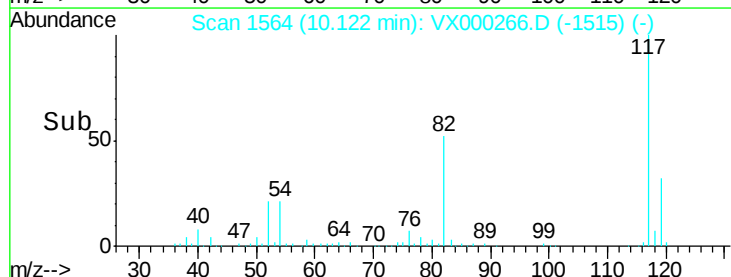
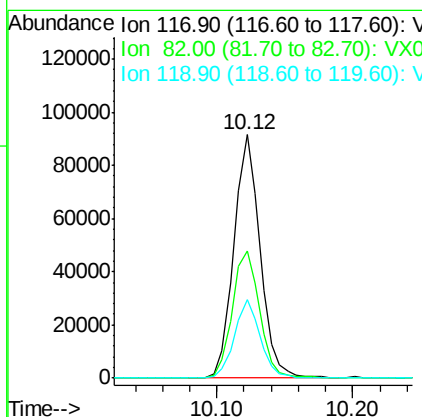
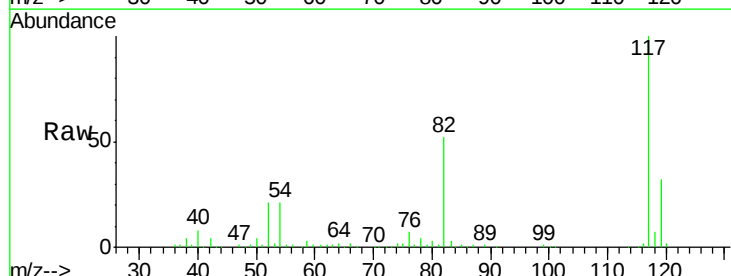
Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

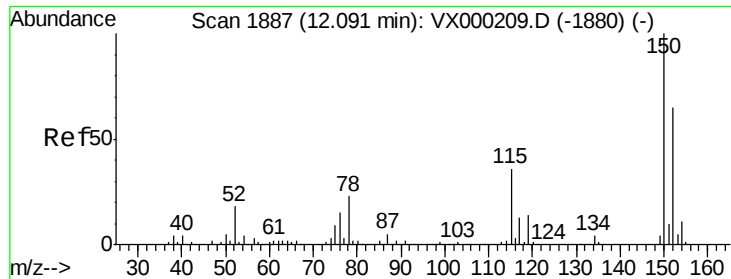
Tgt Ion: 95 Resp: 56103
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 81.7 0.0 171.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Tgt Ion: 117 Resp: 123222
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

TP1-WC

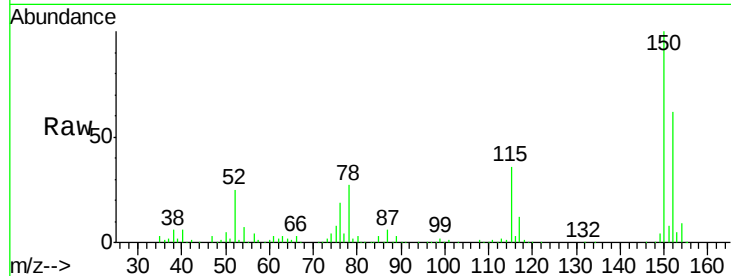
Tgt Ion:152 Resp: 65278

Ion Ratio Lower Upper

152 100

115 55.8 39.8 119.3

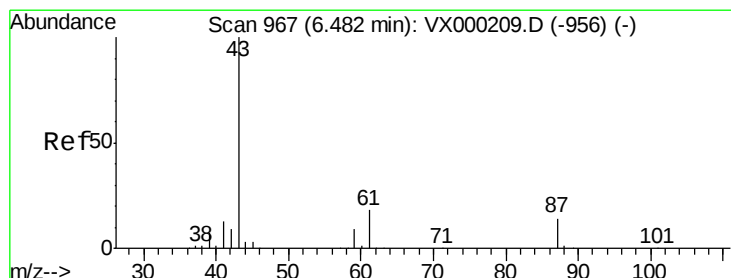
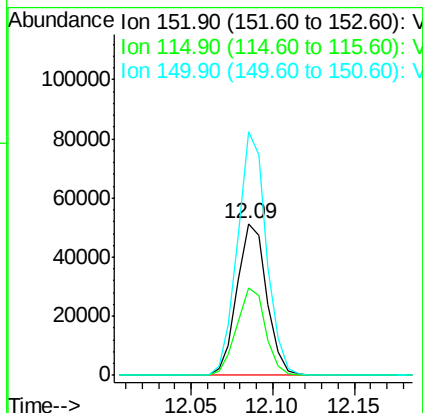
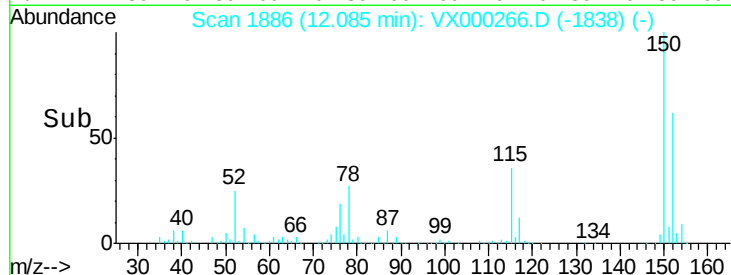
150 156.0 0.0 345.0



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: 0.49 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000266.D

Acq: 09 Mar 2018 19:50

Tgt Ion: 43 Resp: 1017

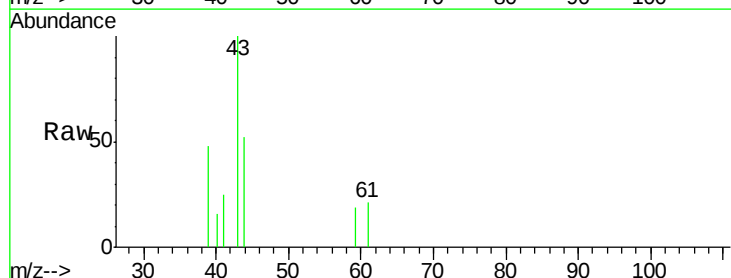
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 14.0 14.8 22.2#

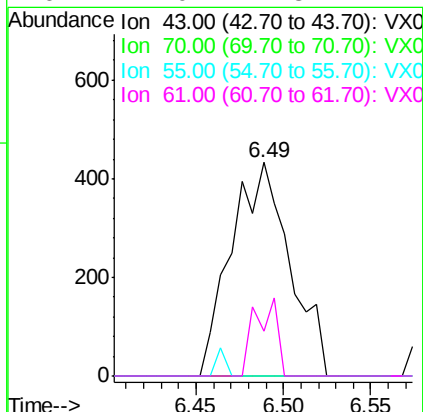
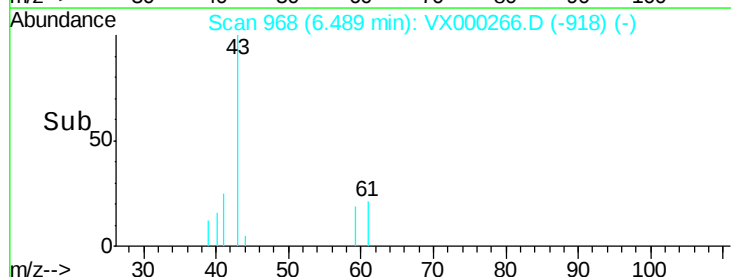


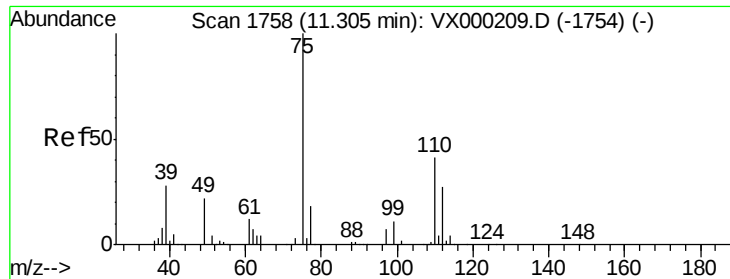
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

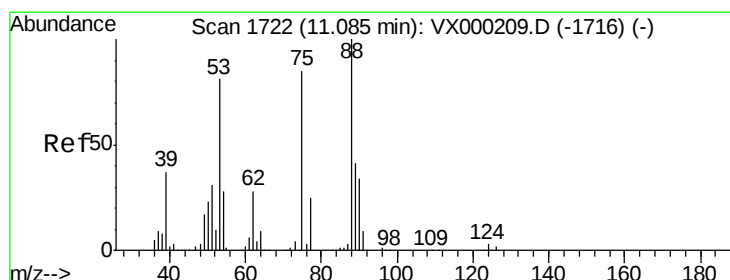
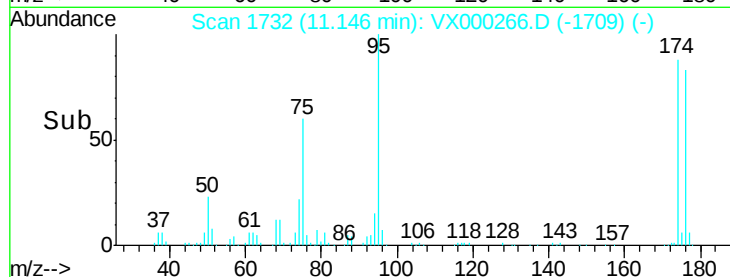
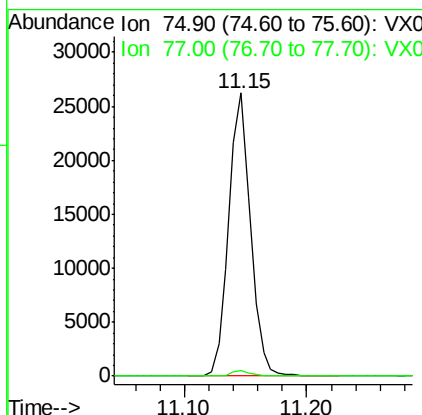
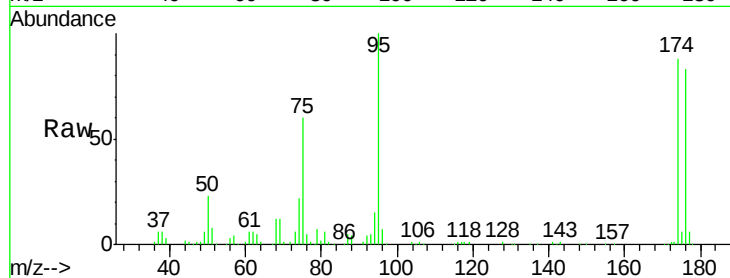




#76
 1,2,3-Trichloropropane
 Concen: 24.68 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000266.D
 Acq: 09 Mar 2018 19:50

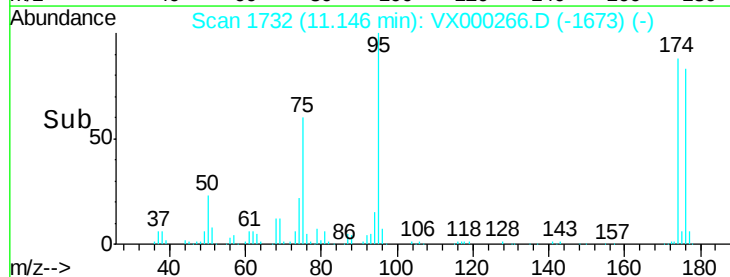
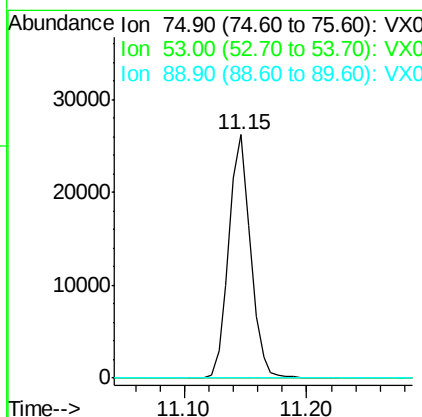
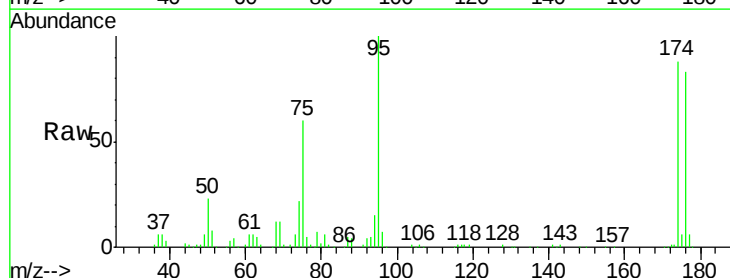
Instrument :
 MSVOA_X
 ClientSampleId :
 TP1-WC

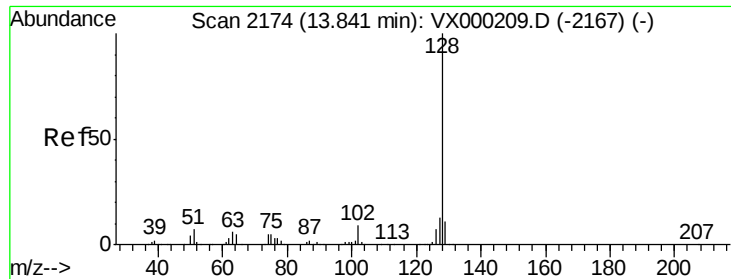
Tgt Ion: 75 Resp: 32290
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.56 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000266.D
 Acq: 09 Mar 2018 19:50

Tgt Ion: 75 Resp: 32290
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.0 38.8 58.2#

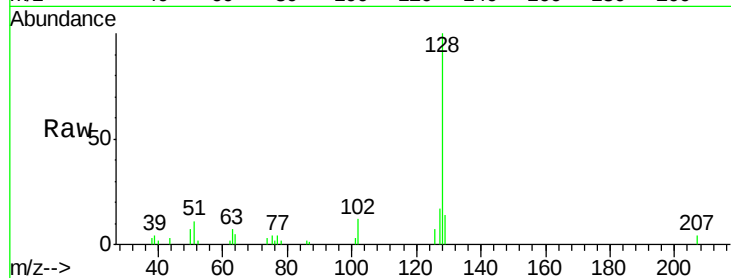




#95
Naphthalene
Concen: 1.05 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000266.D
Acq: 09 Mar 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
TP1-WC

Tgt Ion:128 Resp: 5298
Ion Ratio Lower Upper
128 100
127 17.0 10.5 15.7#
129 11.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

