

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070218\
 Data File : VX003134.D
 Acq On : 02 Jul 2018 18:24
 Operator : JC/MD
 Sample : J3772-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-CHY05

Quant Time: Jul 03 06:58:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	168586	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
35) Dibromofluoromethane	5.51	113	140207	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.72	98	514687	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	194872	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

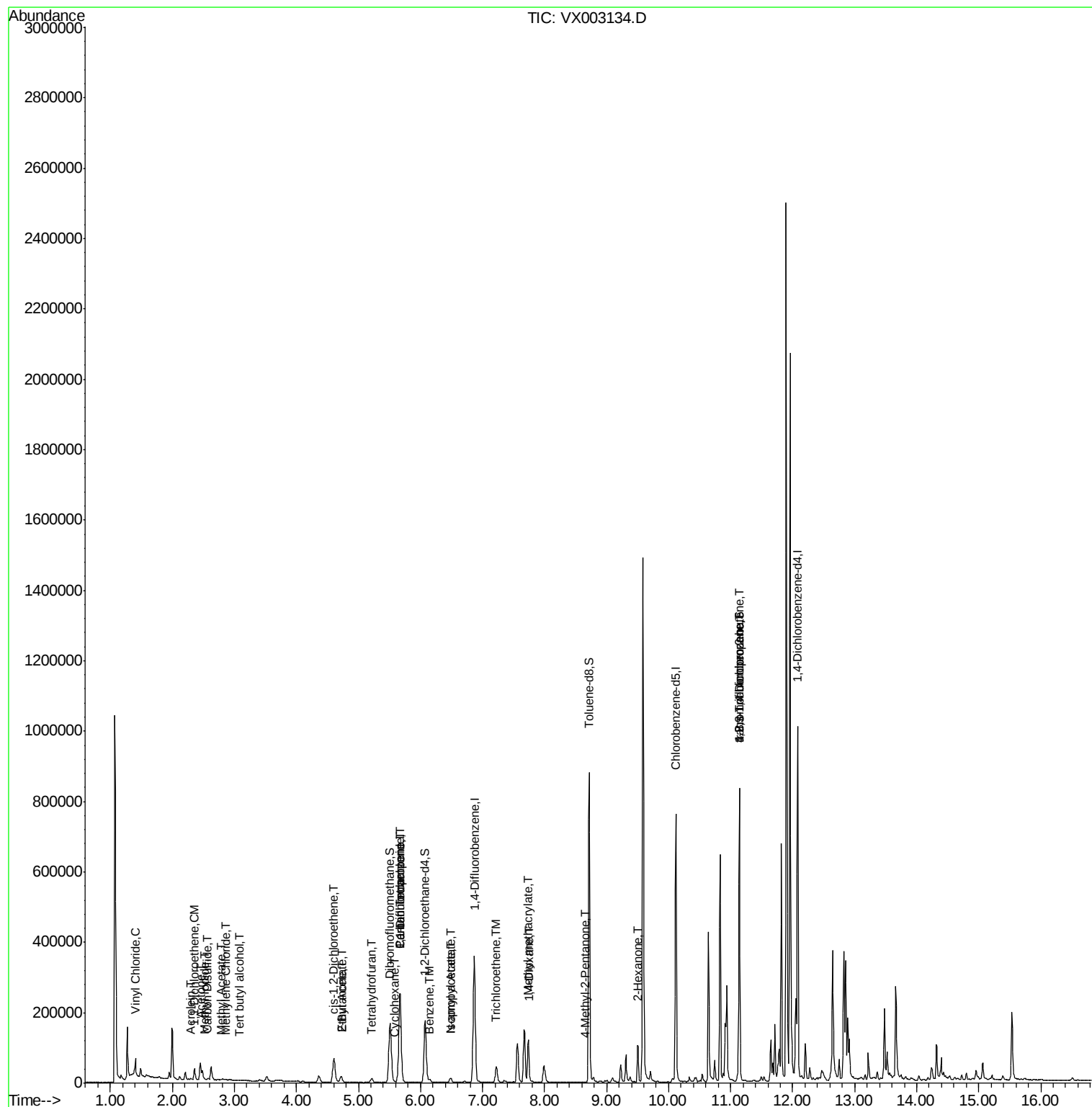
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	124	Below Cal	#	43
3) Chloromethane	1.32	50	1025	Below Cal		97
4) Vinyl Chloride	1.40	62	4234	1.42	ug/l #	1
5) Bromomethane	1.65	94	1317	Below Cal	#	80
6) Chloroethane	1.64	64	1296	Below Cal	#	54
10) Methyl Iodide	2.52	142	1527	6.68	ug/l	95
11) Tert butyl alcohol	3.08	59	498	0.69	ug/l #	75
12) 1,1-Dichloroethene	2.37	96	655	0.25	ug/l #	53
13) Acrolein	2.29	56	2596	10.57	ug/l #	80
16) Acetone	2.45	43	51473	34.12	ug/l	97
17) Carbon Disulfide	2.57	76	6361	0.92	ug/l	97
18) Methyl Acetate	2.78	43	881	0.21	ug/l #	48
20) Methylene Chloride	2.86	84	843	0.29	ug/l #	83
25) 2-Butanone	4.73	43	29949	13.38	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	42754	13.47	ug/l	96
29) Tetrahydrofuran	5.20	42	1318	0.92	ug/l	96
31) Cyclohexane	5.58	56	945	0.21	ug/l	98
36) 1,1-Dichloropropene	5.67	75	17086	4.27	ug/l #	51
37) Ethyl Acetate	4.73	43	29949	6.96	ug/l #	70
38) Carbon Tetrachloride	5.67	117	23517	5.36	ug/l #	16
40) Benzene	6.15	78	9950	0.86	ug/l	94
43) Isopropyl Acetate	6.49	43	5149	0.71	ug/l #	64
44) Trichloroethene	7.22	130	15572	4.50	ug/l	98
48) Methyl methacrylate	7.73	41	3355	0.90	ug/l #	14
49) 1,4-Dioxane	7.75	88	190	2.62	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1243	0.28	ug/l #	81
59) 2-Hexanone	9.50	43	56717	16.52	ug/l	96
74) N-amyl acetate	6.49	43	5149	0.73	ug/l #	61
76) 1,2,3-Trichloropropane	11.14	75	98537	25.47	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	98537	72.30	ug/l #	6

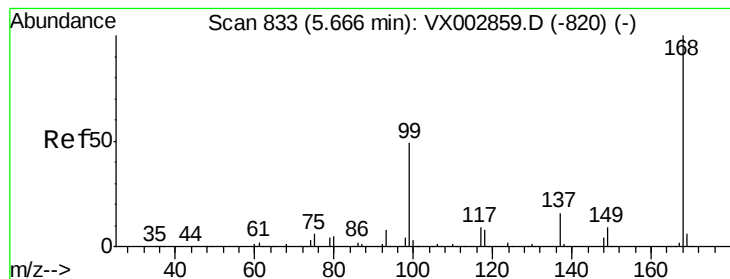
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

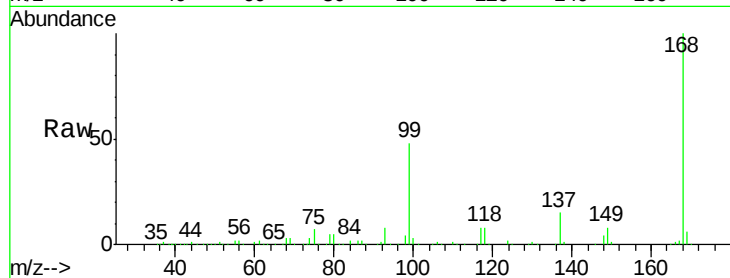
SP18-CHY05

Tot Ion:168 Resp: 263567

Ion Ratio Lower Upper

168 100

99 48.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

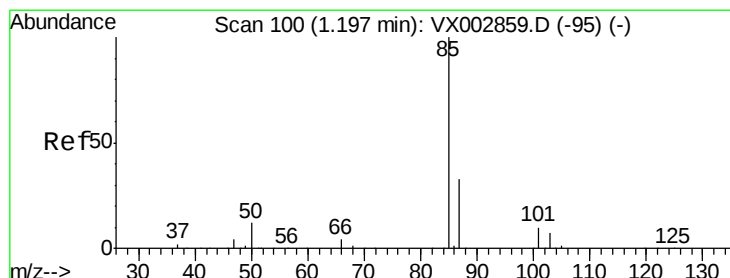
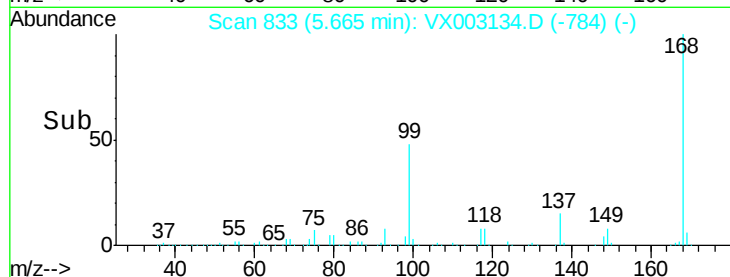
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX003134.D

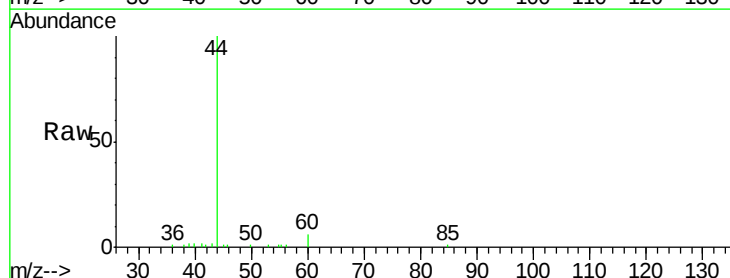
Acq: 02 Jul 2018 18:24

Tgt Ion: 85 Resp: 124

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

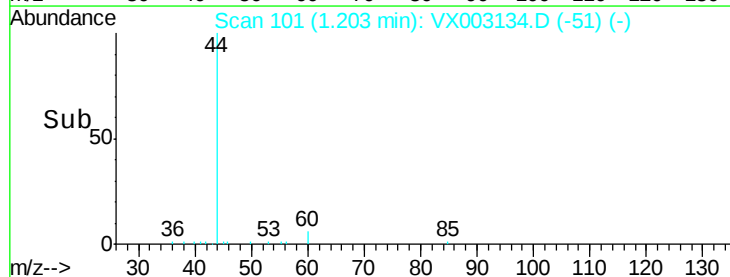
150

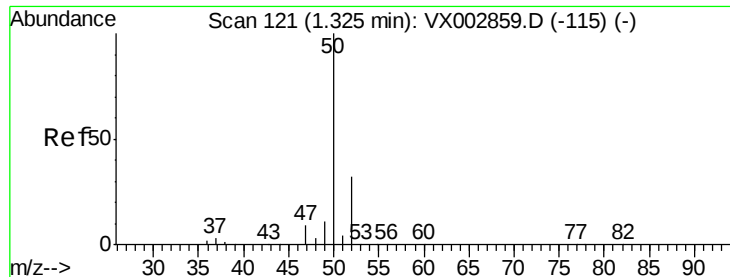
100

50

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

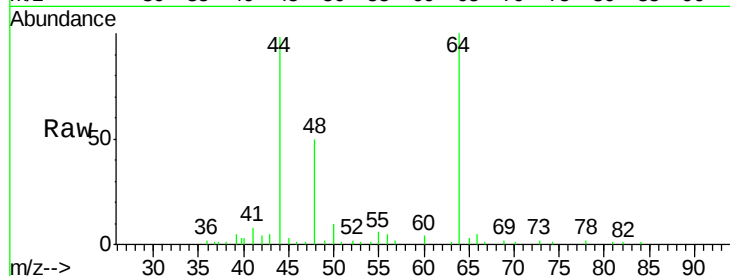
SP18-CHY05

Tot Ion: 50 Resp: 1025

Ion Ratio Lower Upper

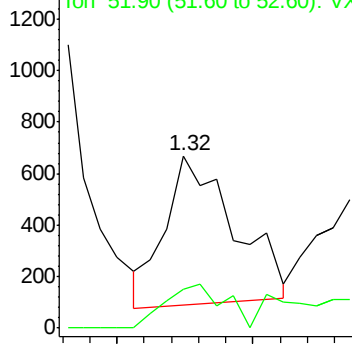
50 100

52 30.6 25.7 38.5

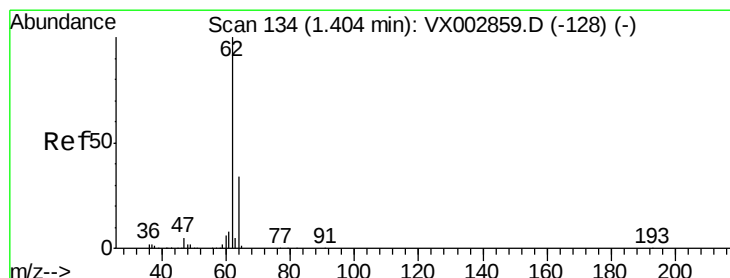
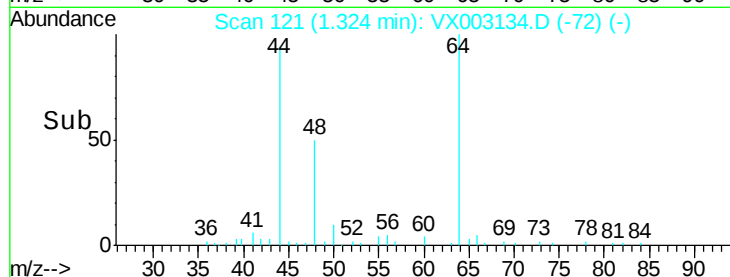


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 1.42 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003134.D

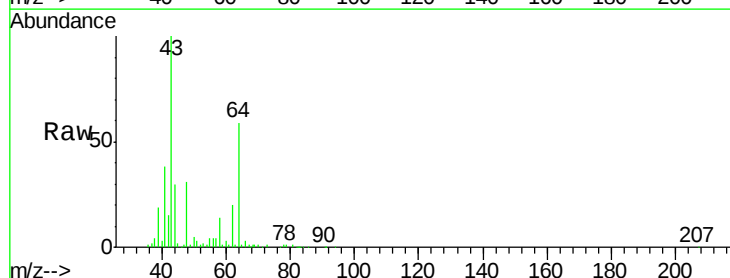
Acq: 02 Jul 2018 18:24

Tgt Ion: 62 Resp: 4234

Ion Ratio Lower Upper

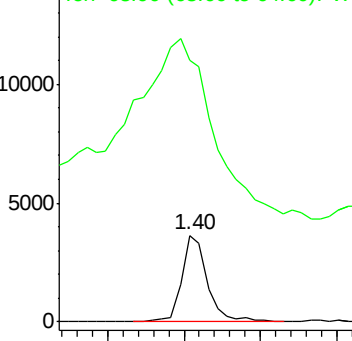
62 100

64 176.9 25.4 38.2#

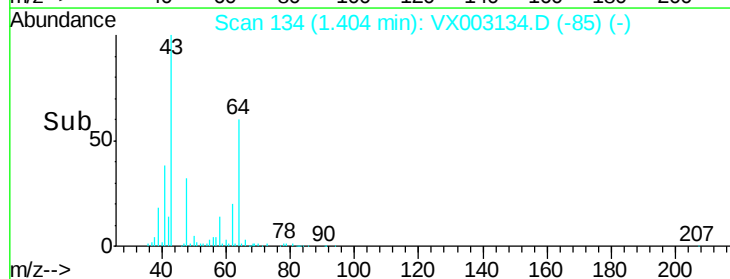


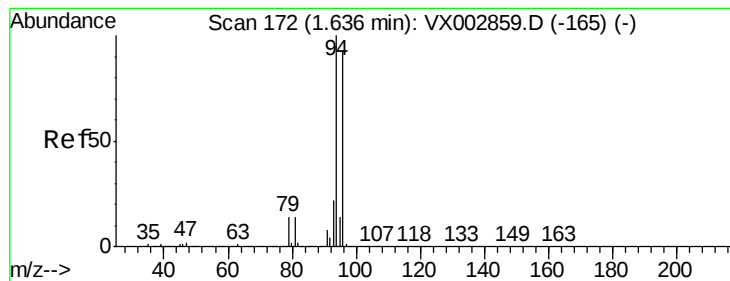
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

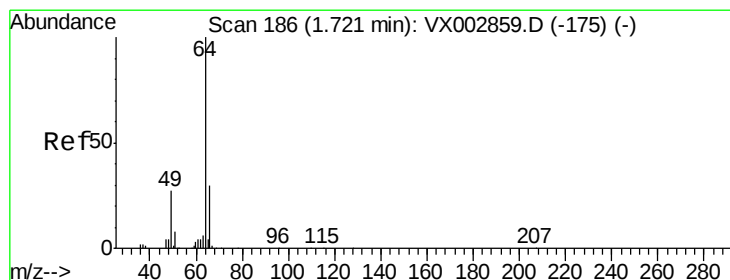
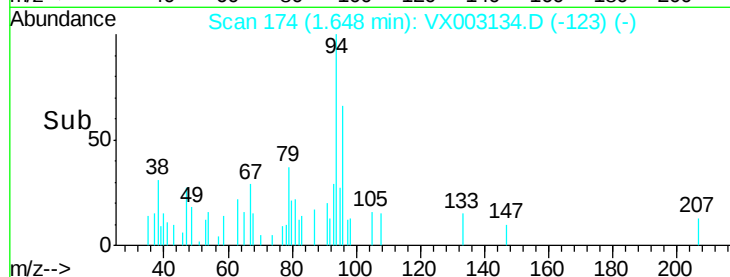
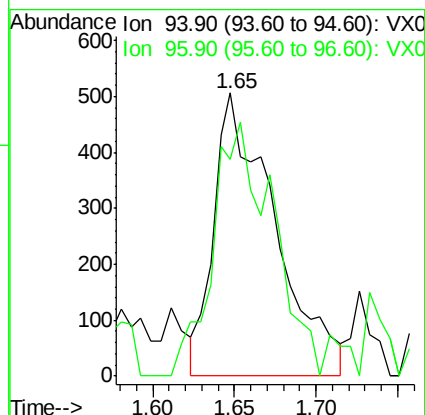
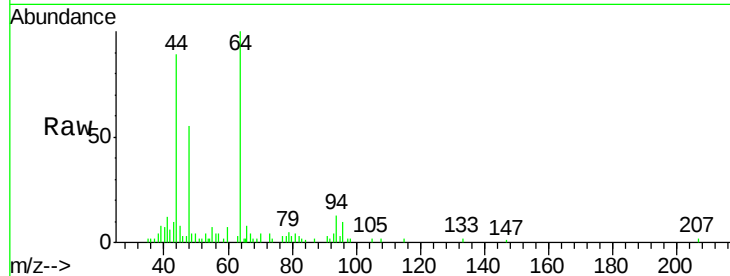
SP18-CHY05

Tot Ion: 94 Resp: 1317

Ion Ratio Lower Upper

94 100

96 74.7 74.9 112.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. -0.09 min

Lab File: VX003134.D

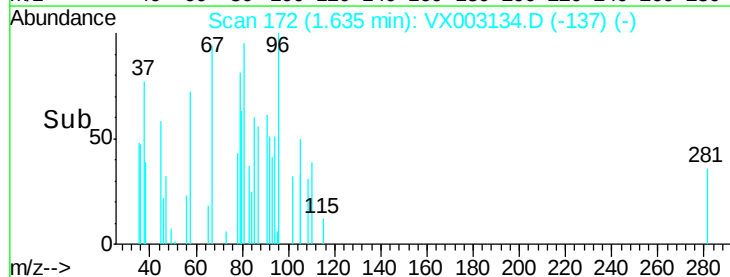
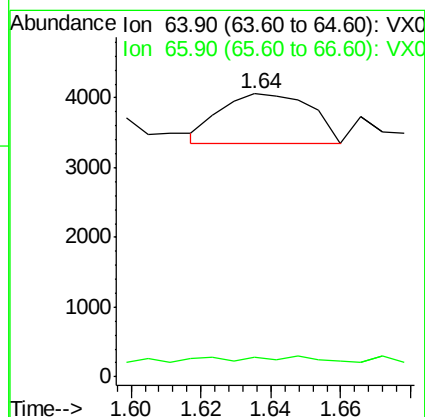
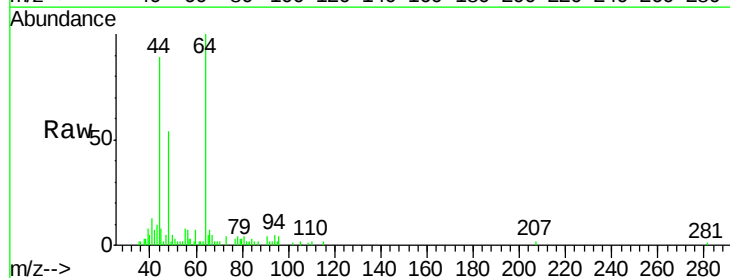
Acq: 02 Jul 2018 18:24

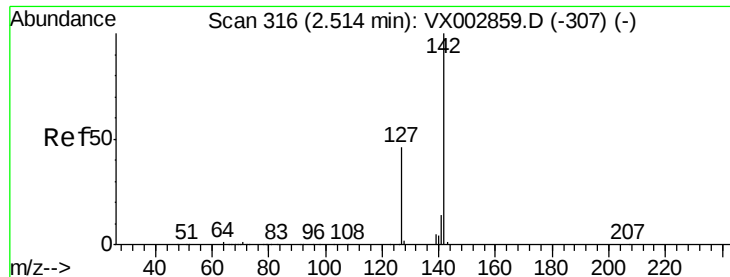
Tgt Ion: 64 Resp: 1296

Ion Ratio Lower Upper

64 100

66 6.4 25.5 38.3#

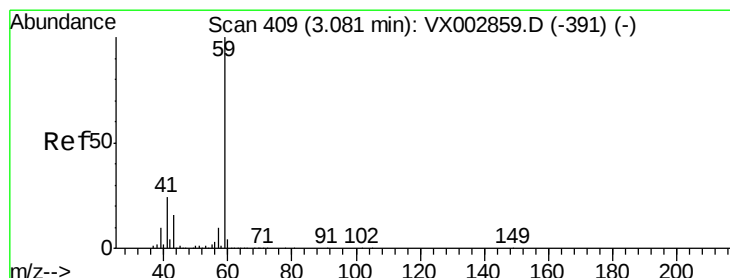
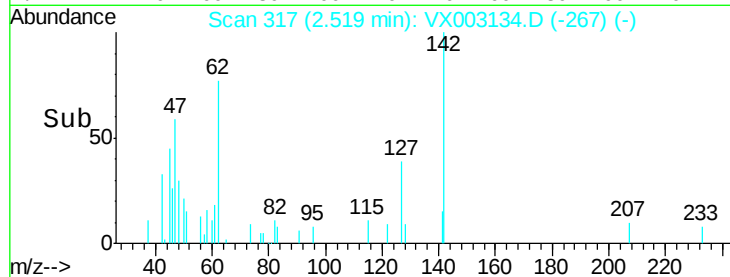
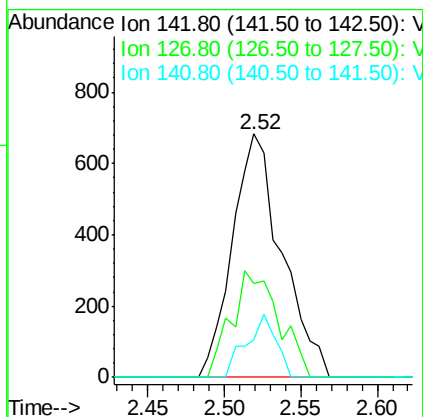
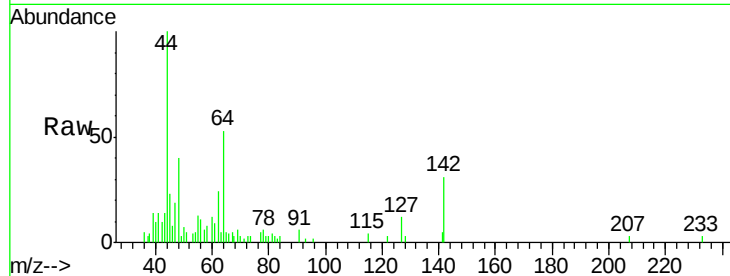




#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

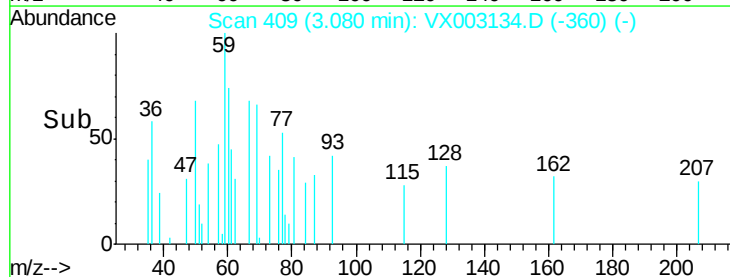
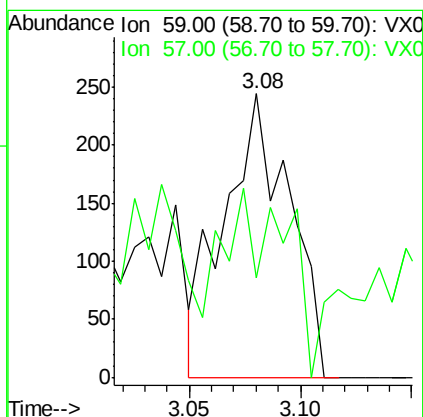
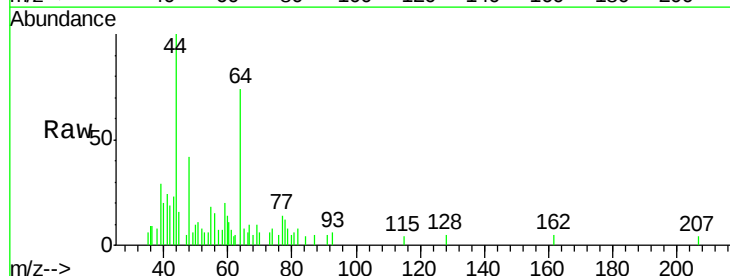
Instrument :
MSVOA_X
ClientSampled :
SP18-CHY05

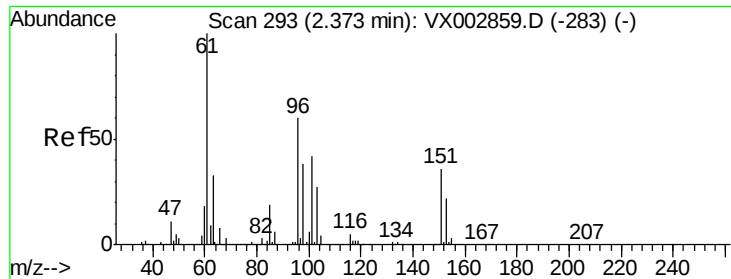
Tot Ion:142 Resp: 1527
Ion Ratio Lower Upper
142 100
127 41.8 36.6 55.0
141 15.6 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.69 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 19.7 8.2 12.2#

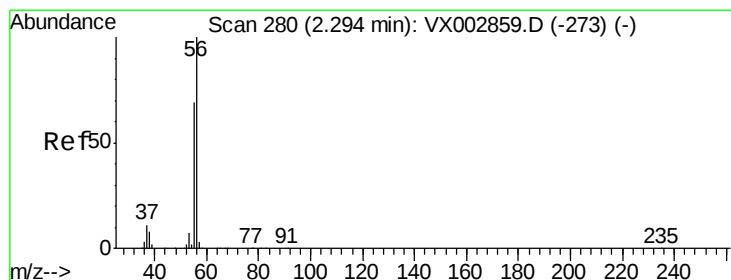
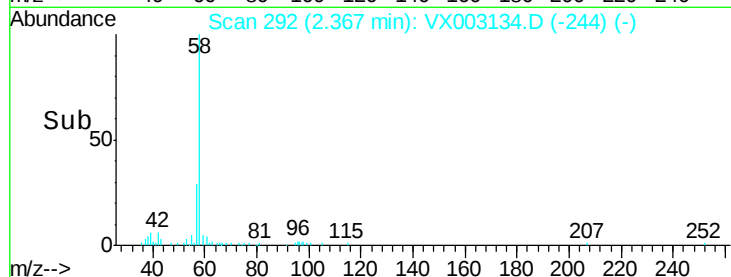
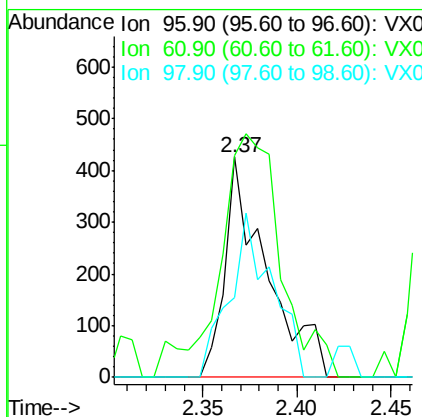
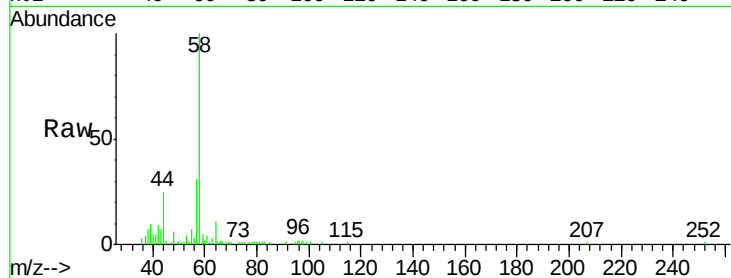




#12
 1,1-Dichloroethene
 Concen: 0.25 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VX003134.D
 Acq: 02 Jul 2018 18:24

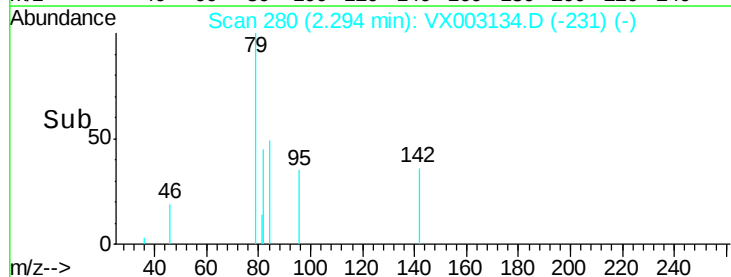
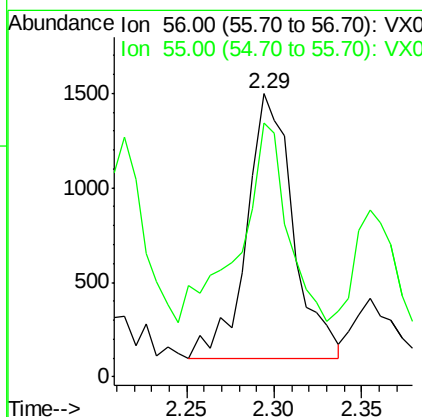
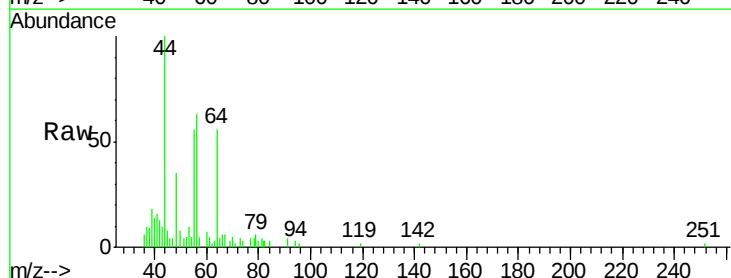
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-CHY05

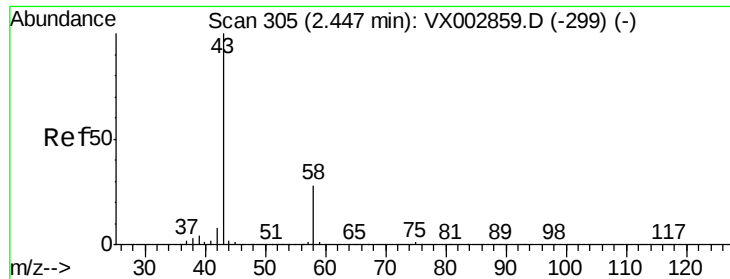
Tot Ion: 96 Resp: 655
 Ion Ratio Lower Upper
 96 100
 61 100.9 137.9 206.9#
 98 36.4 51.6 77.4#



#13
 Acrolein
 Concen: 10.57 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX003134.D
 Acq: 02 Jul 2018 18:24

Tgt Ion: 56 Resp: 2596
 Ion Ratio Lower Upper
 56 100
 55 88.2 57.0 85.4#





#16

Acetone

Concen: 34.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

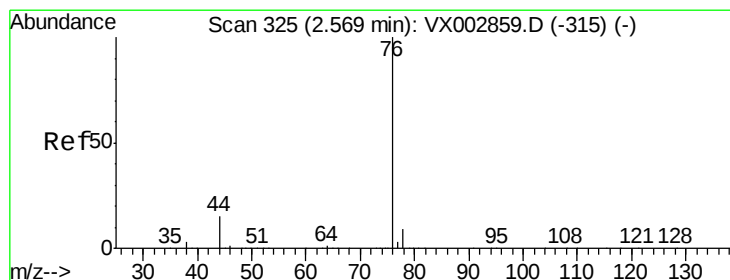
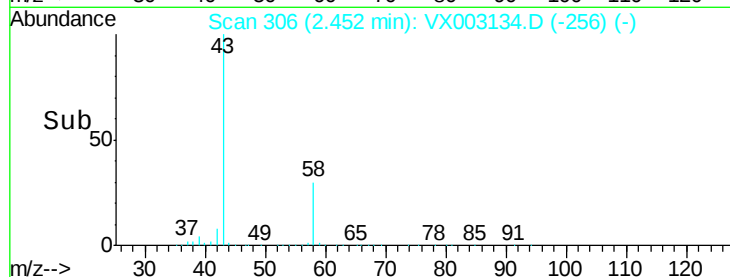
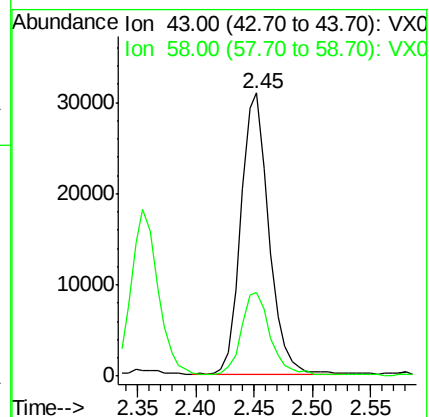
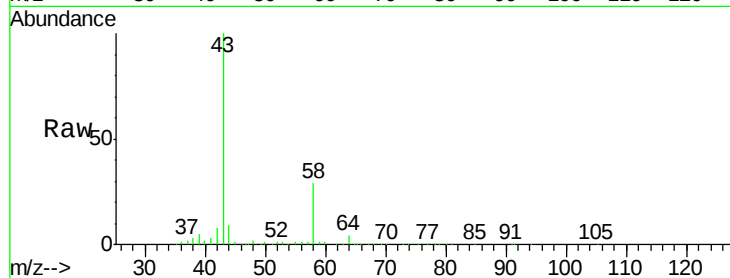
SP18-CHY05

Tot Ion: 43 Resp: 51473

Ion Ratio Lower Upper

43 100

58 29.0 22.1 33.1



#17

Carbon Disulfide

Concen: 0.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003134.D

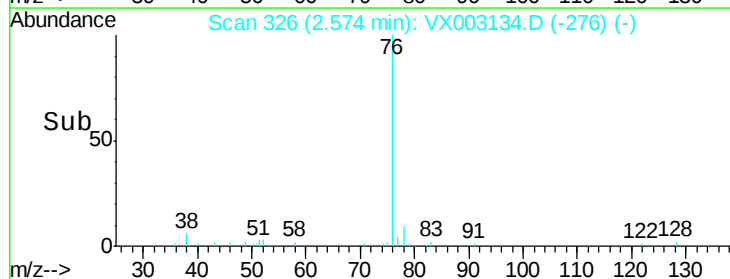
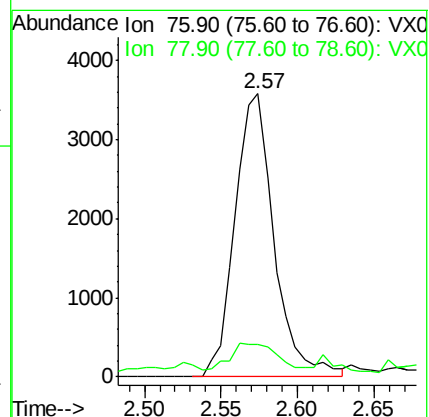
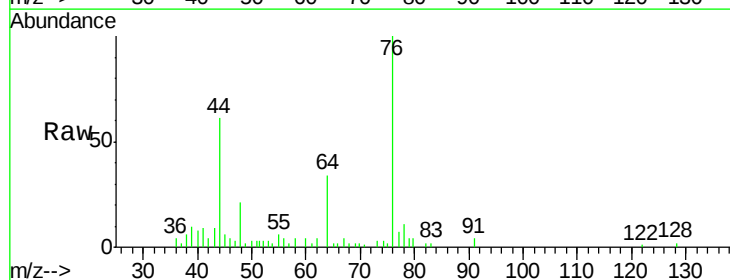
Acq: 02 Jul 2018 18:24

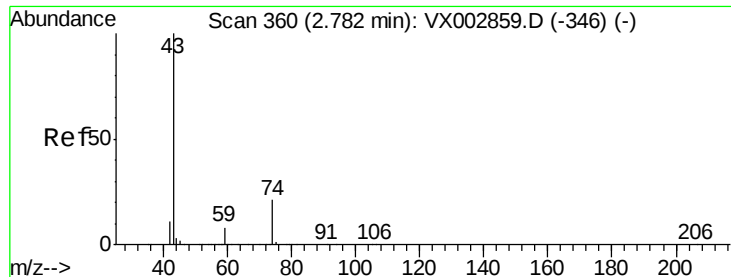
Tgt Ion: 76 Resp: 6361

Ion Ratio Lower Upper

76 100

78 7.4 6.9 10.3





#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampled :

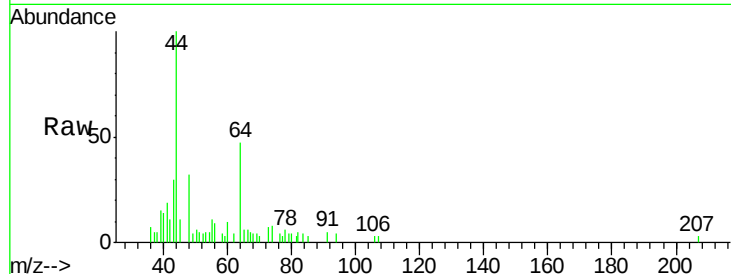
SP18-CHY05

Tot Ion: 43 Resp: 881

Ion Ratio Lower Upper

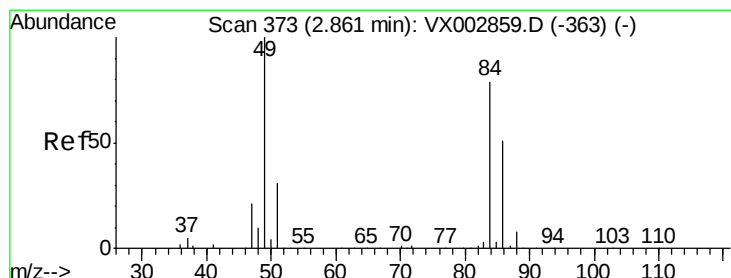
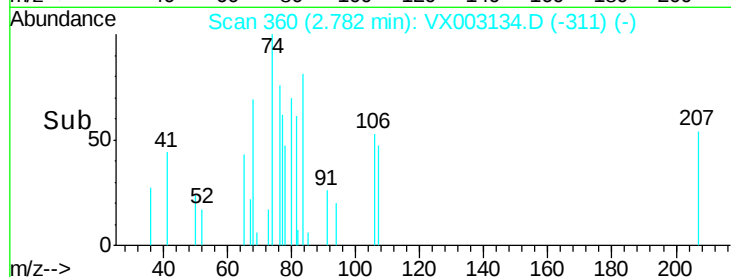
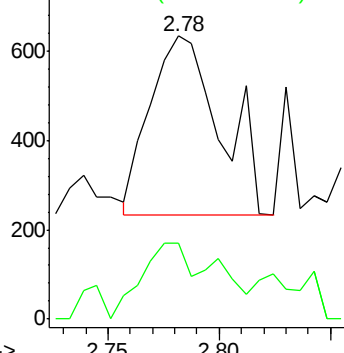
43 100

74 45.2 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.29 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Tgt Ion: 84 Resp: 843

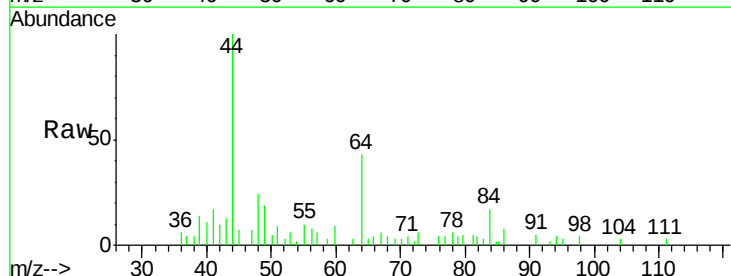
Ion Ratio Lower Upper

84 100

49 113.0 107.8 161.6

51 38.6 32.8 49.2

86 46.2 52.5 78.7#

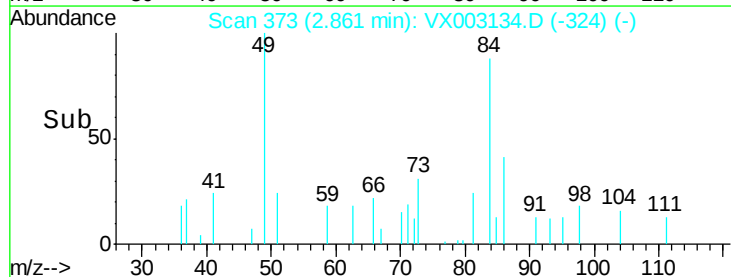
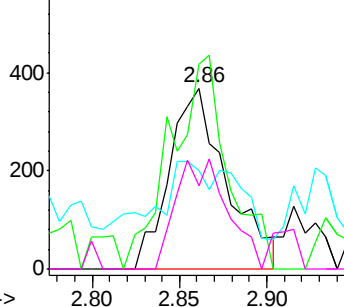


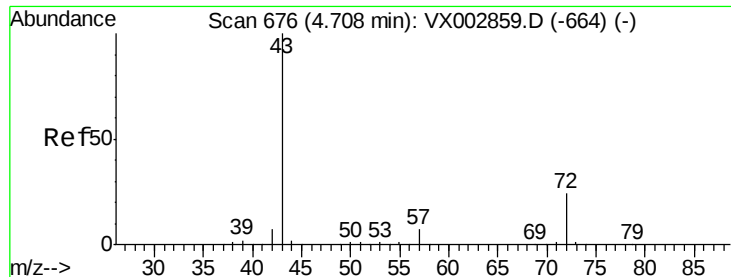
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 13.38 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.02 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

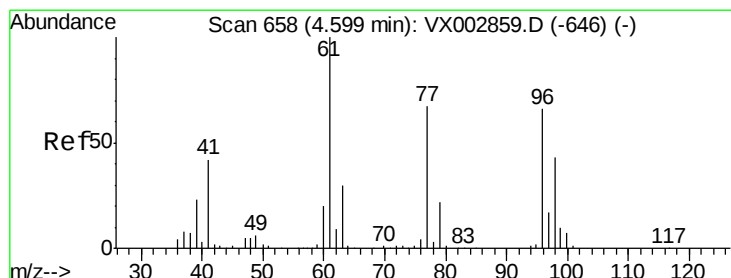
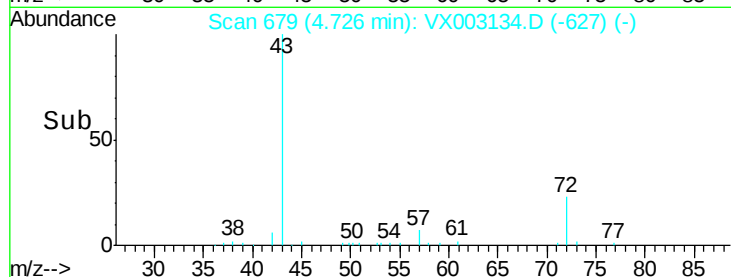
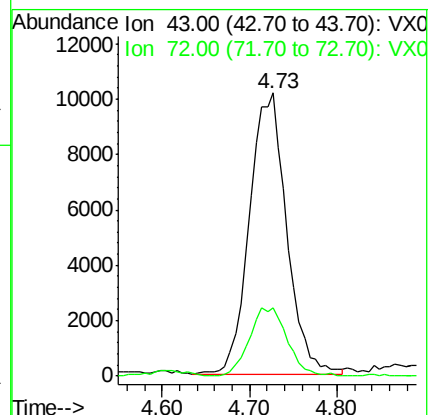
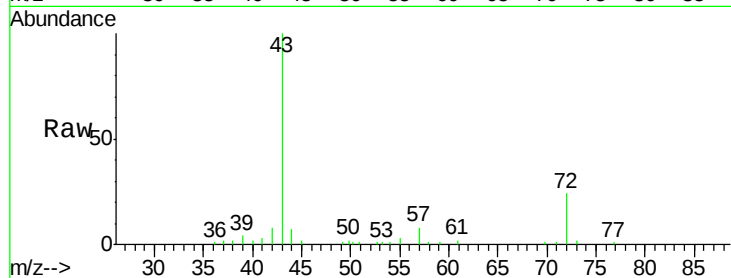
SP18-CHY05

Tot Ion: 43 Resp: 29949

Ion Ratio Lower Upper

43 100

72 24.2 18.5 27.7



#27

cis-1,2-Dichloroethene

Concen: 13.47 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

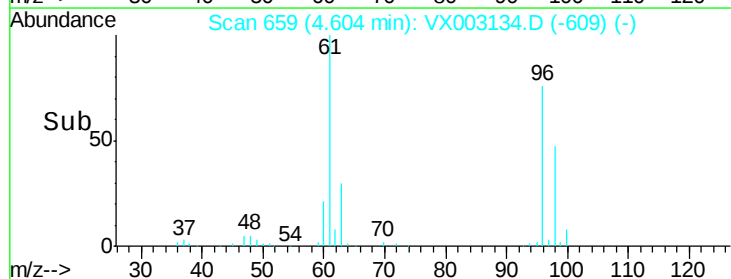
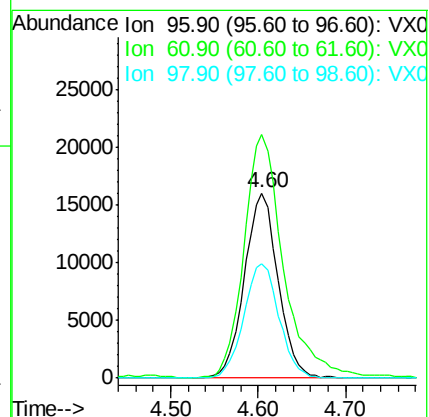
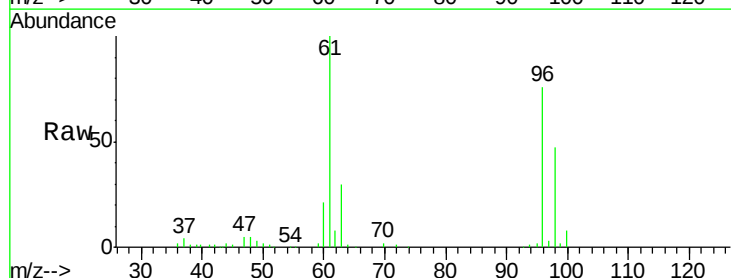
Tgt Ion: 96 Resp: 42754

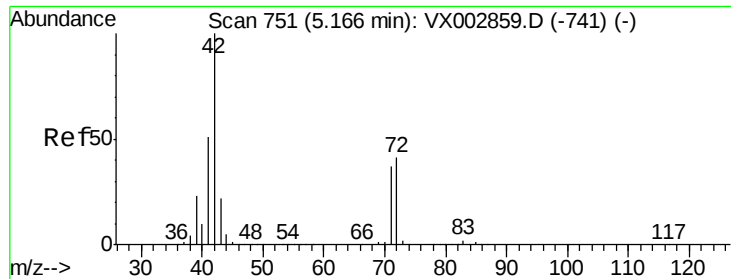
Ion Ratio Lower Upper

96 100

61 157.0 0.0 330.2

98 64.9 0.0 130.2

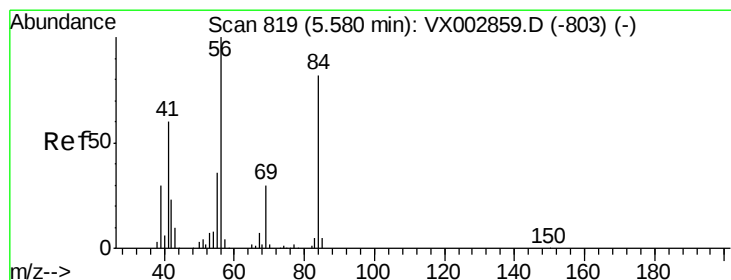
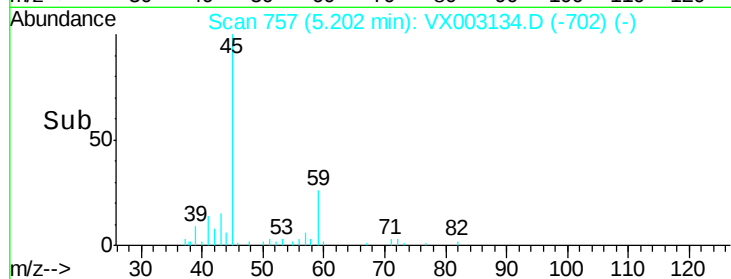
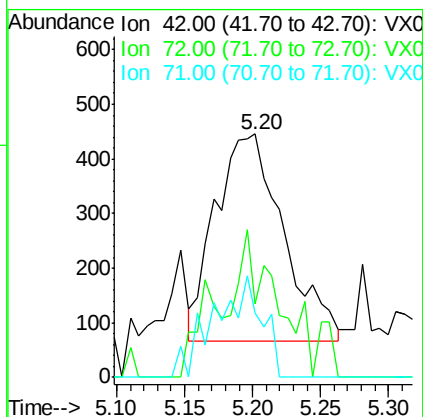
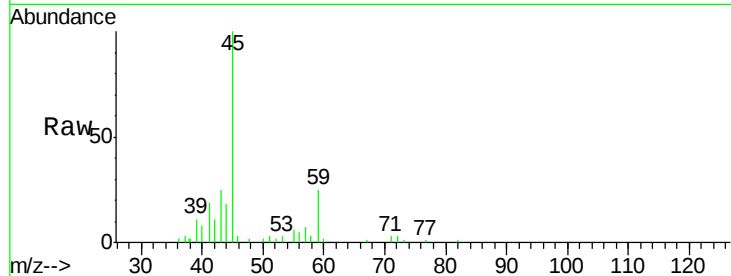




#29
Tetrahydrofuran
Concen: 0.92 ug/l
RT: 5.20 min Scan# 757
Delta R.T. 0.04 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

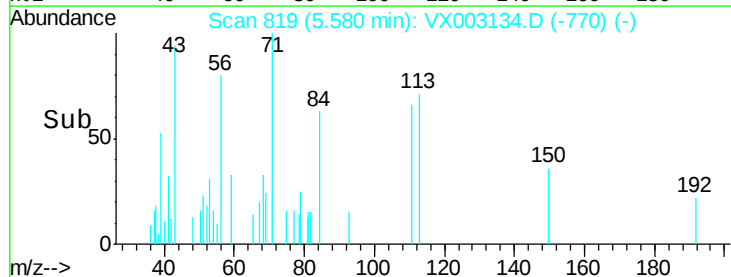
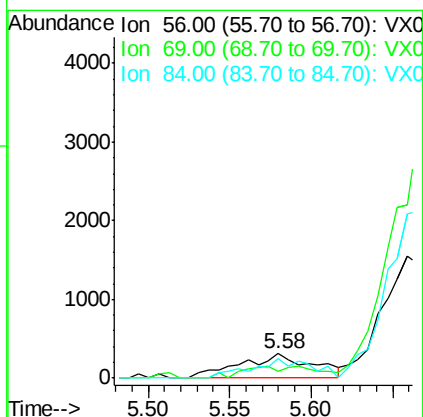
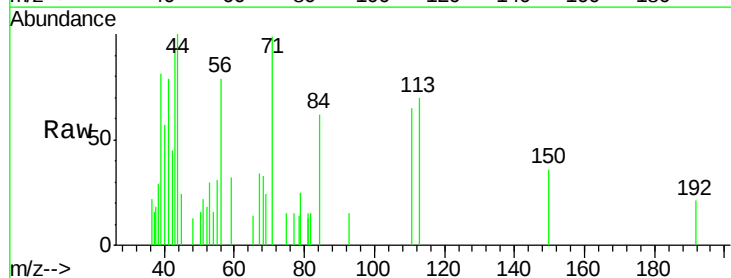
Instrument :
MSVOA_X
ClientSampled :
SP18-CHY05

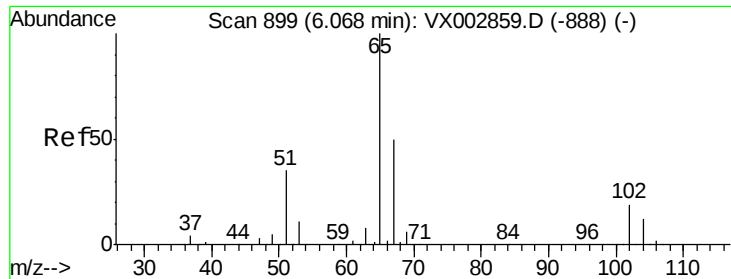
Tot Ion: 42 Resp: 1318
Ion Ratio Lower Upper
42 100
72 42.3 32.0 48.0
71 34.4 30.1 45.1



#31
Cyclohexane
Concen: 0.21 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Tgt Ion: 56 Resp: 945
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 78.8 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 46.28 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

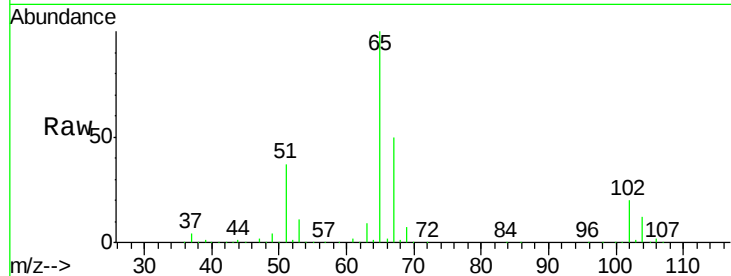
SP18-CHY05

Tot Ion: 65 Resp: 168586

Ion Ratio Lower Upper

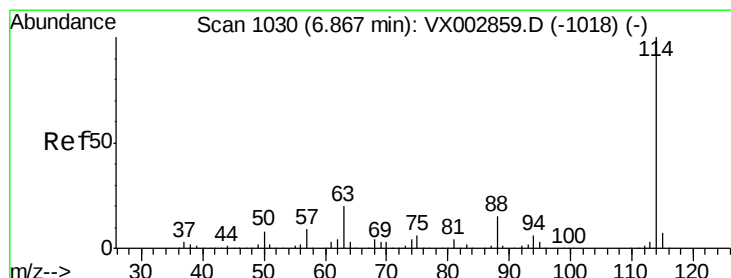
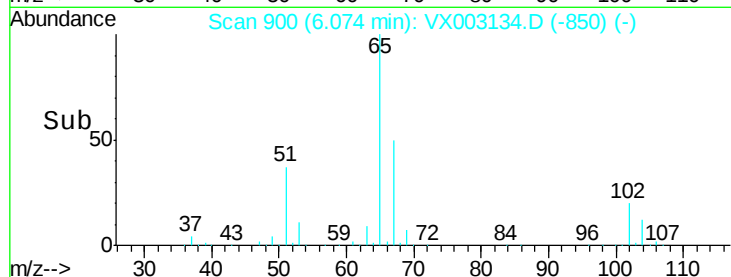
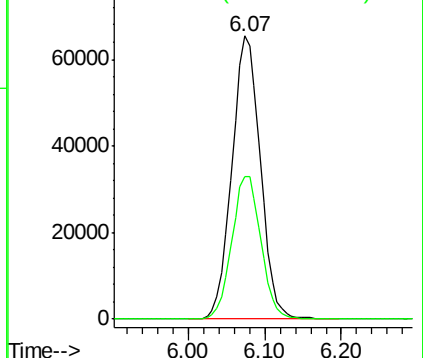
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

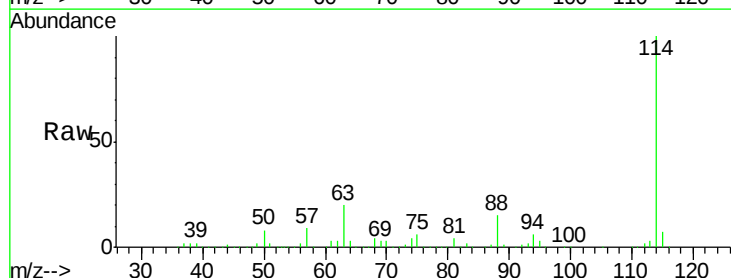
Tgt Ion: 114 Resp: 364659

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

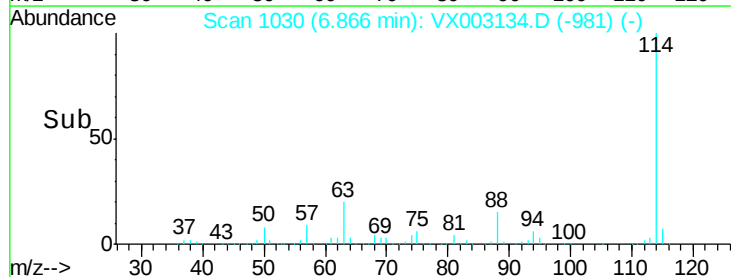
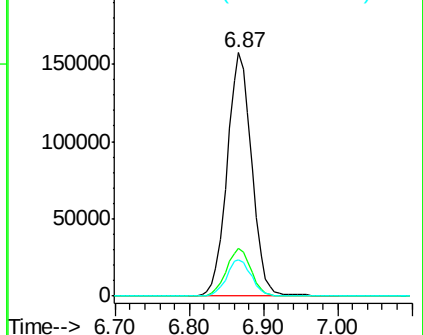
88 15.0 0.0 30.0

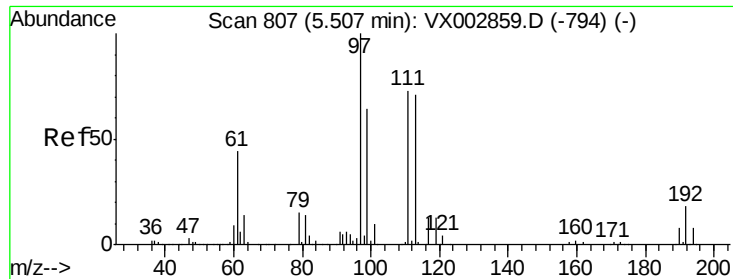


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

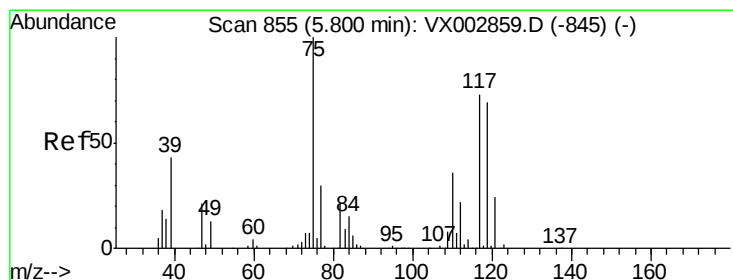
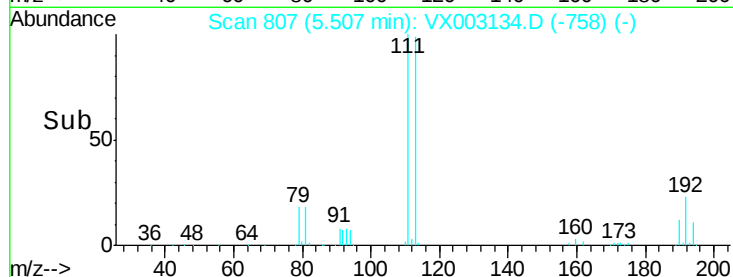
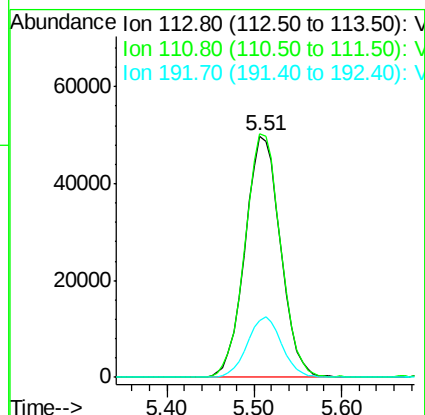
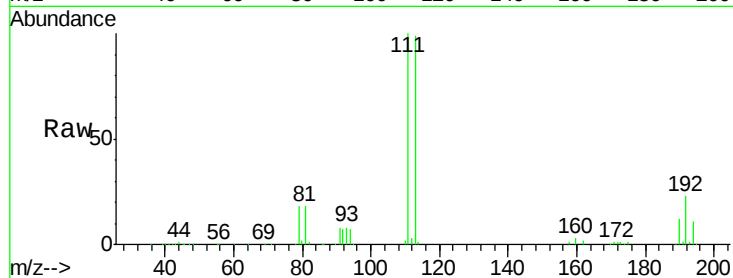




#35
 Dibromofluoromethane
 Concen: 48.55 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003134.D
 Acq: 02 Jul 2018 18:24

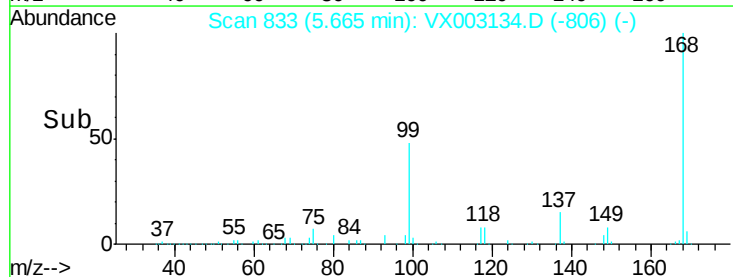
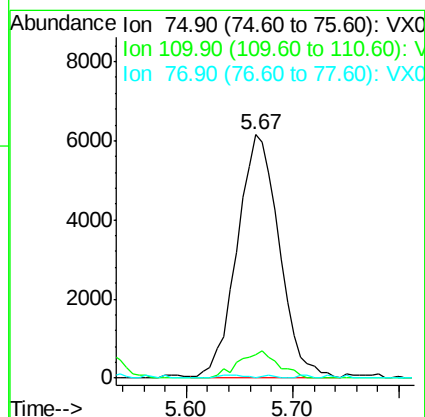
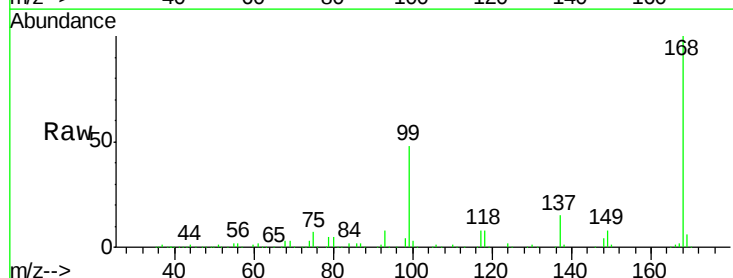
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-CHY05

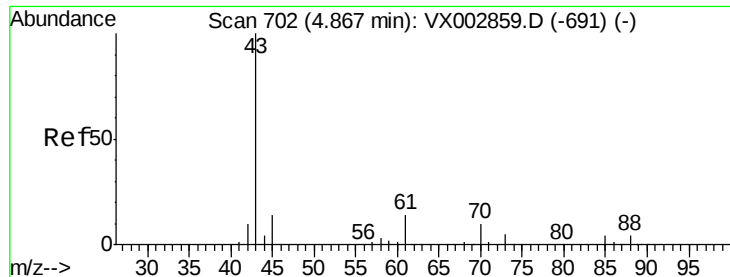
Tot Ion:113 Resp: 140207
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.27 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003134.D
 Acq: 02 Jul 2018 18:24

Tgt Ion: 75 Resp: 17086
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.1 54.4#
 77 0.4 24.3 36.5#

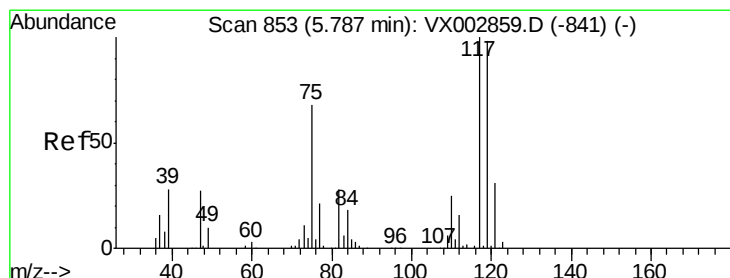
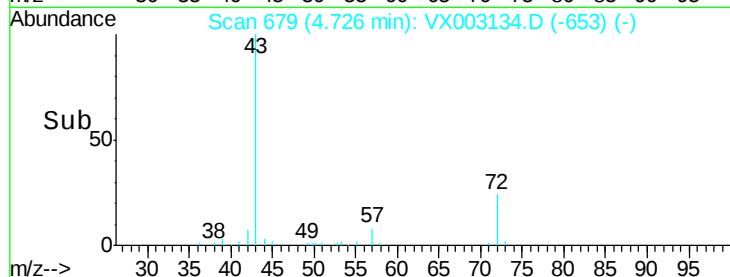
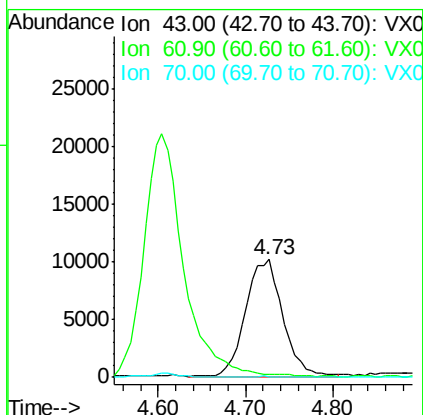
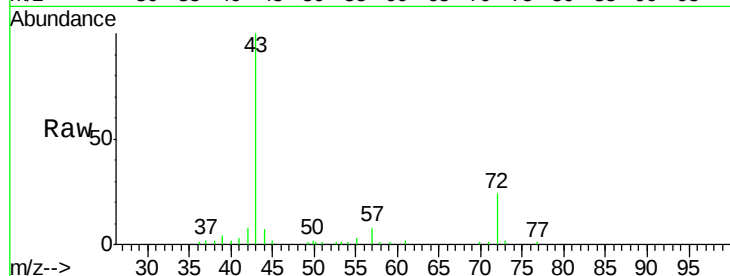




#37
Ethyl Acetate
Concen: 6.96 ug/l
RT: 4.73 min Scan# 679
Delta R.T. -0.14 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

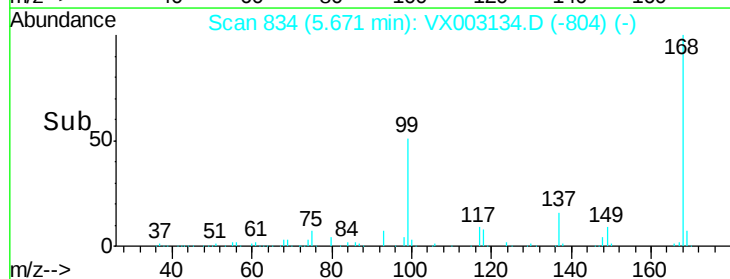
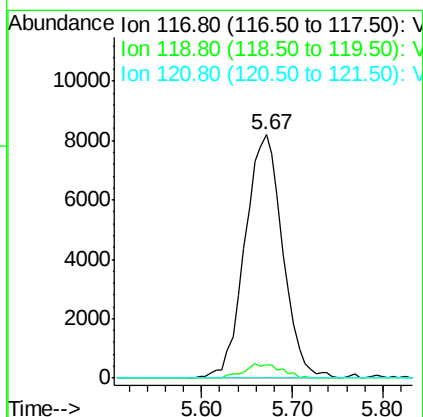
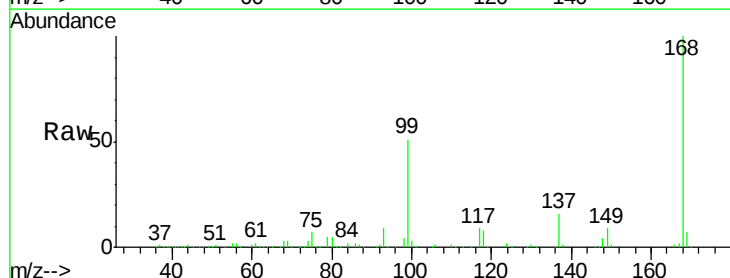
Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY05

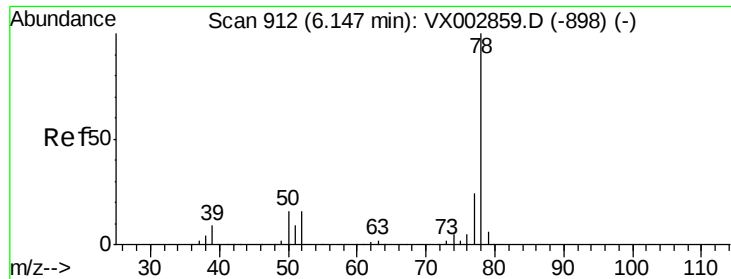
Tot Ion: 43 Resp: 29949
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.2 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Tgt Ion: 117 Resp: 23517
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.86 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

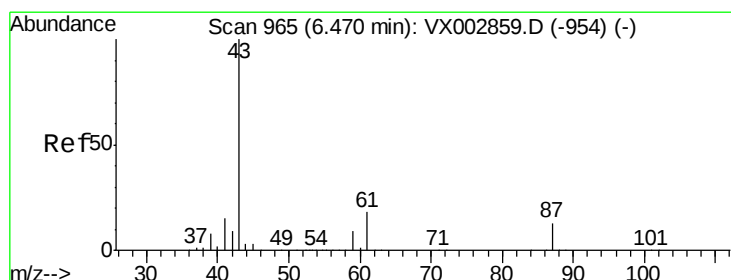
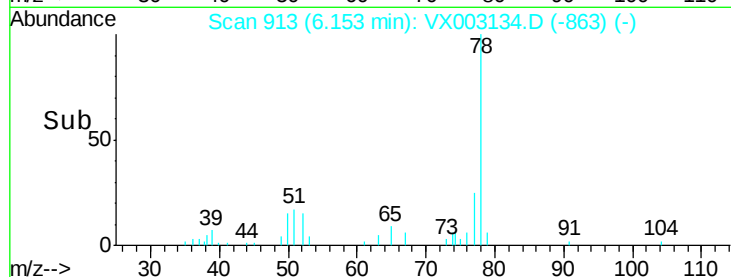
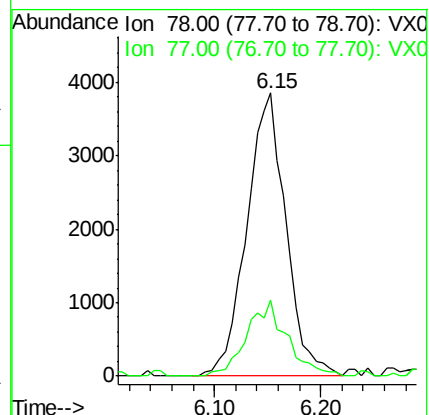
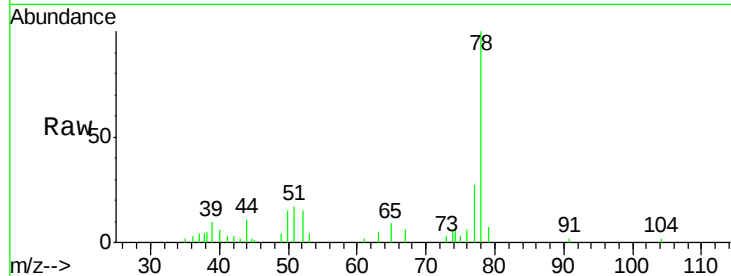
SP18-CHY05

Tot Ion: 78 Resp: 9950

Ion Ratio Lower Upper

78 100

77 27.0 19.1 28.7



#43

Isopropyl Acetate

Concen: 0.71 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.02 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

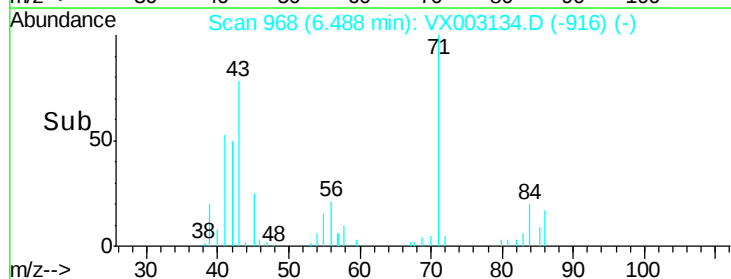
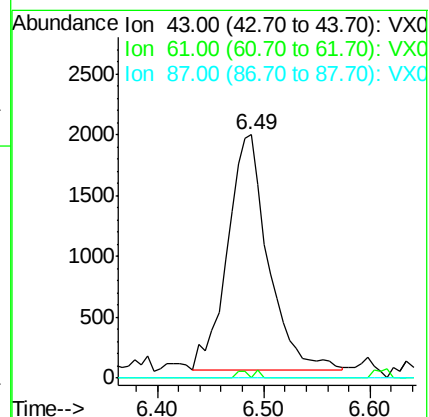
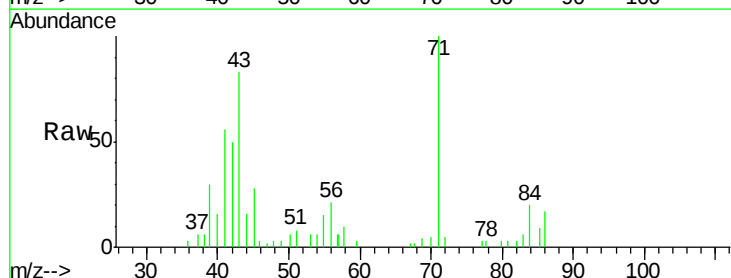
Tgt Ion: 43 Resp: 5149

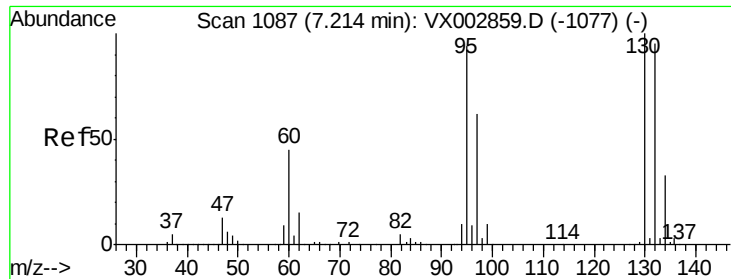
Ion Ratio Lower Upper

43 100

61 0.7 14.4 21.6#

87 0.0 9.5 14.3#





#44

Trichloroethene

Concen: 4.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

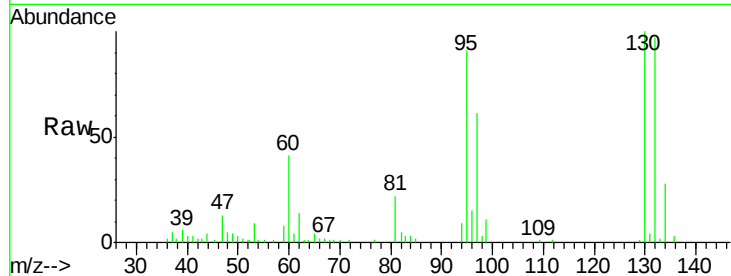
SP18-CHY05

Tot Ion:130 Resp: 15572

Ion Ratio Lower Upper

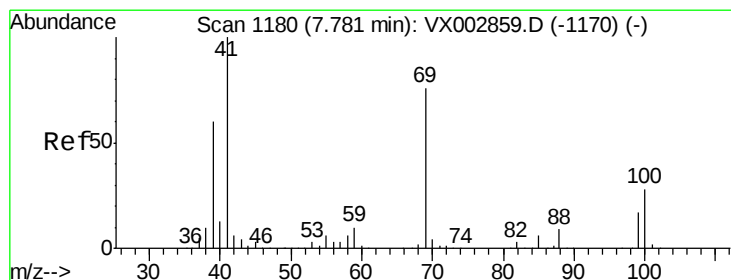
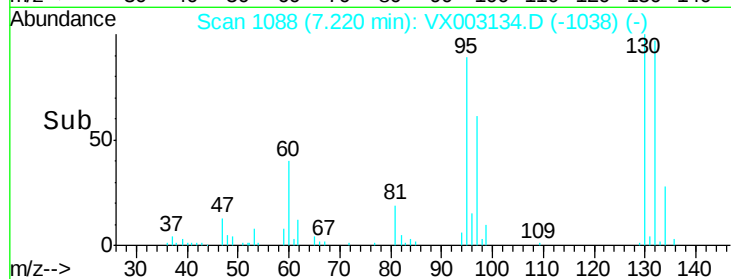
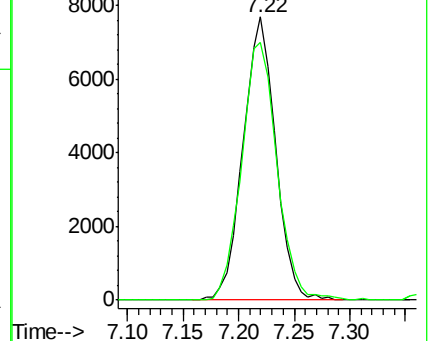
130 100

95 91.2 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.90 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

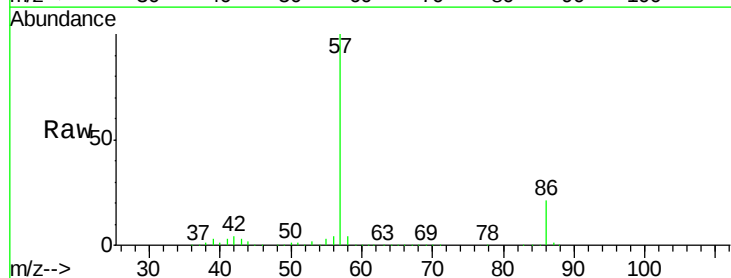
Tgt Ion: 41 Resp: 3355

Ion Ratio Lower Upper

41 100

69 6.3 59.1 88.7#

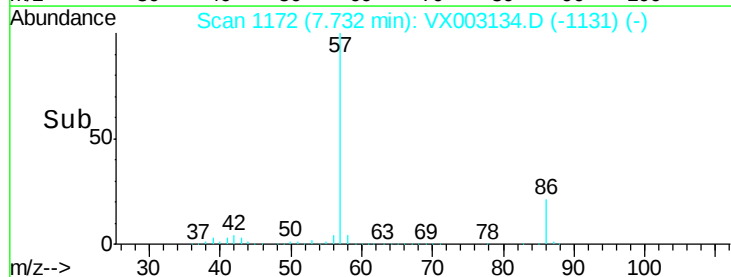
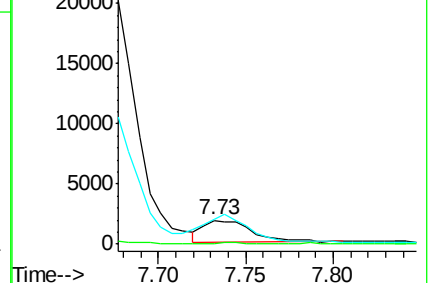
39 133.2 48.9 73.3#

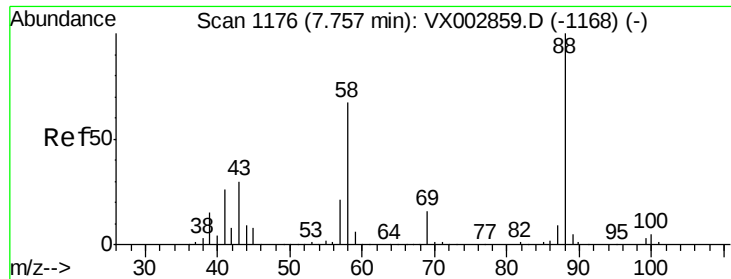


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

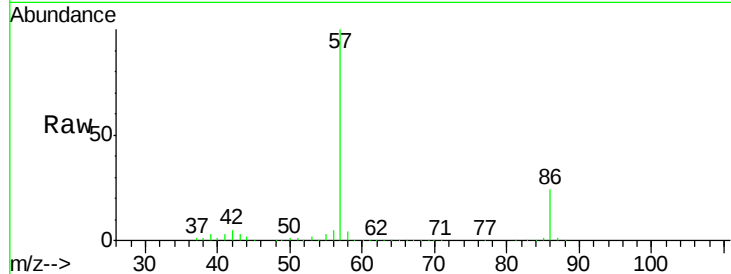




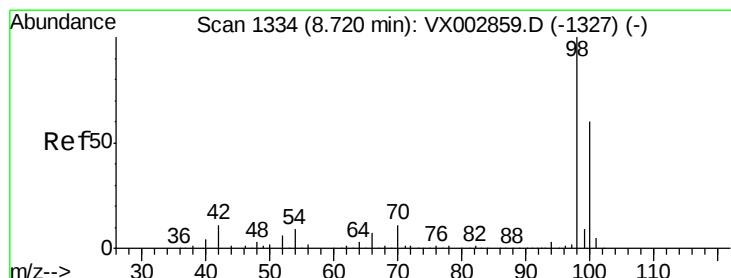
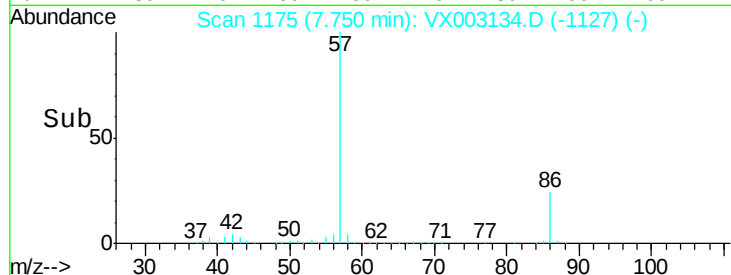
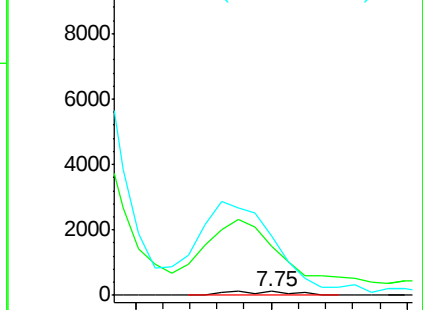
#49
1,4-Dioxane
Concen: 2.62 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY05

Tot Ion: 88 Resp: 190
Ion Ratio Lower Upper
88 100
43 1955.3 29.8 44.6#
58 2781.1 57.1 85.7#

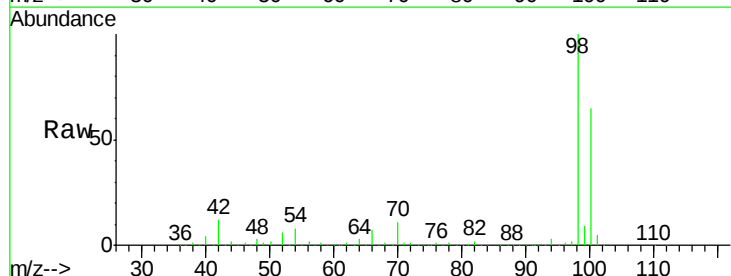


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

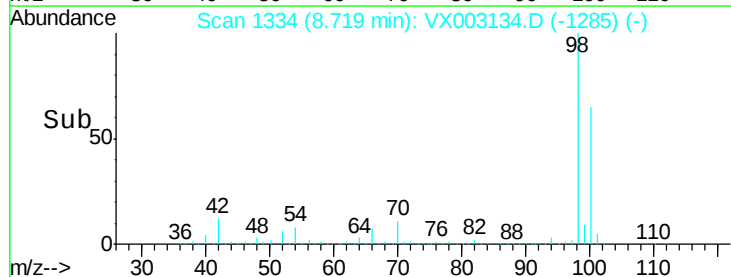
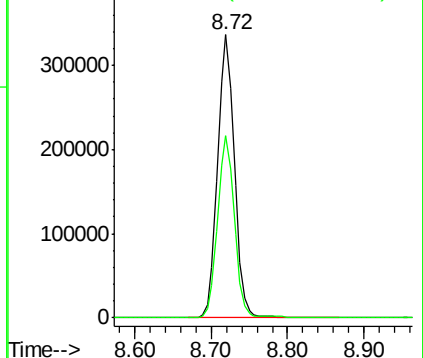


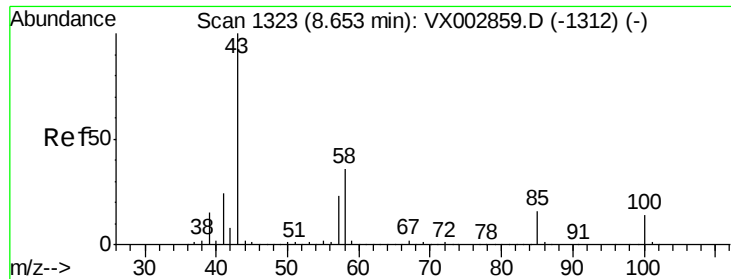
#50
Toluene-d8
Concen: 48.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Tgt Ion: 98 Resp: 514687
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.28 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

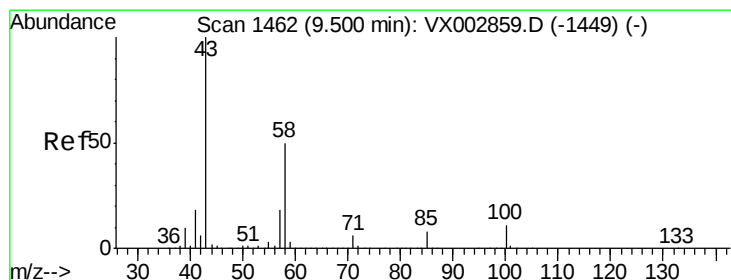
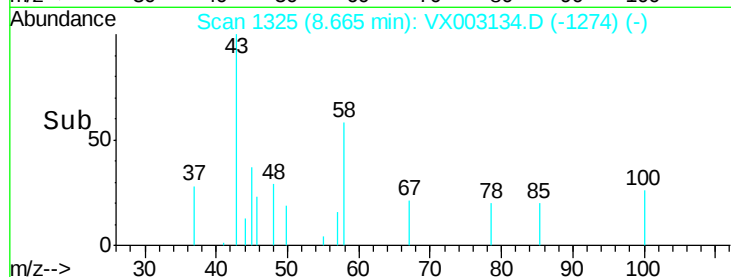
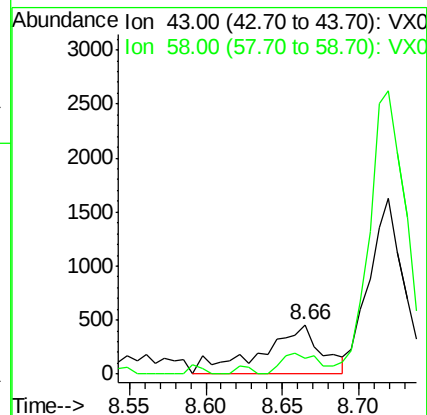
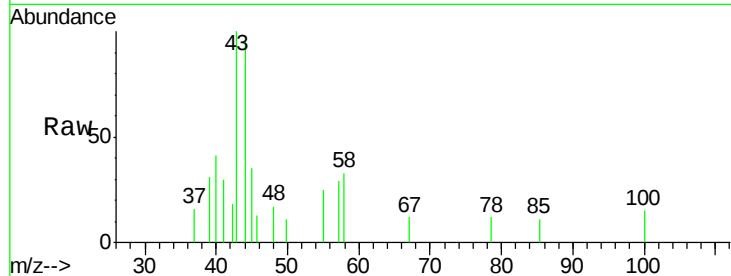
SP18-CHY05

Tot Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

58 24.5 28.6 42.8#



#59

2-Hexanone

Concen: 16.52 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003134.D

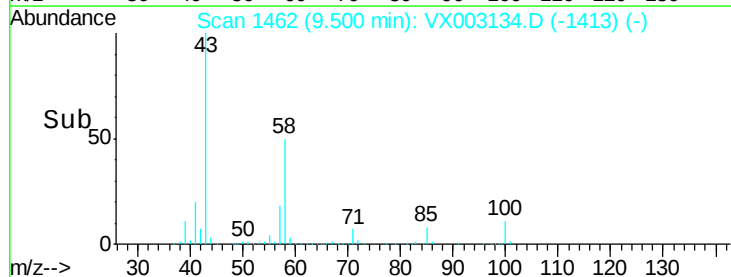
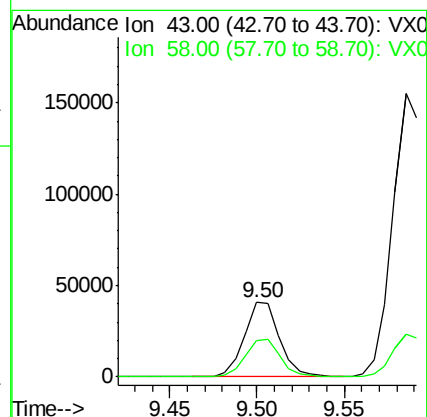
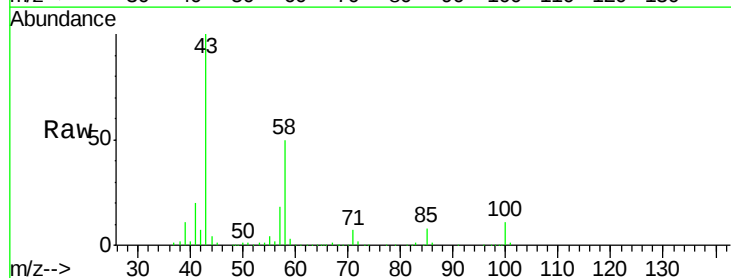
Acq: 02 Jul 2018 18:24

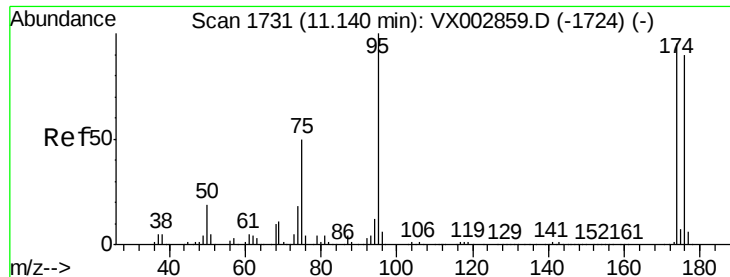
Tgt Ion: 43 Resp: 56717

Ion Ratio Lower Upper

43 100

58 51.8 24.6 73.6

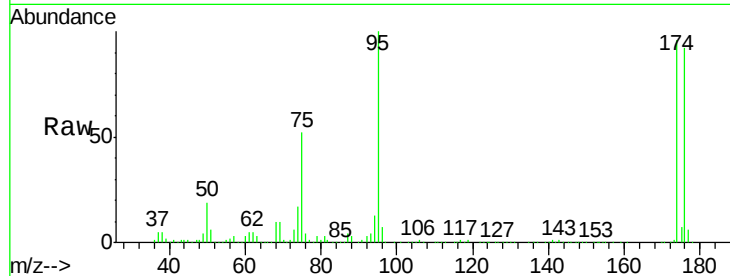




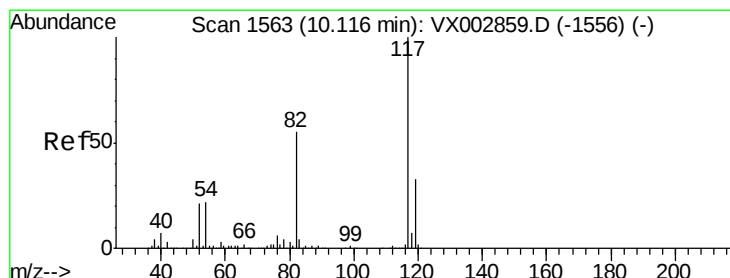
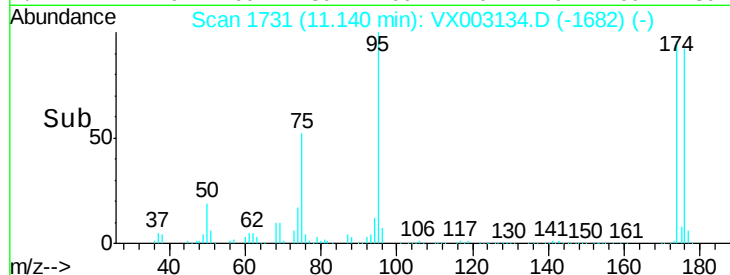
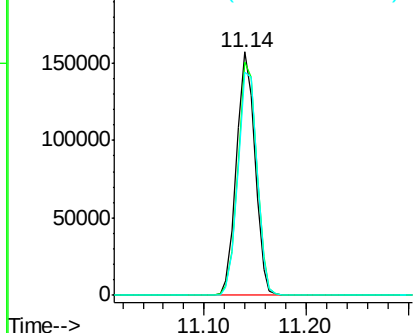
#62
4-Bromofluorobenzene
Concen: 47.92 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY05

Tot Ion: 95 Resp: 194872
Ion Ratio Lower Upper
95 100
174 97.9 0.0 187.4
176 95.6 0.0 181.0

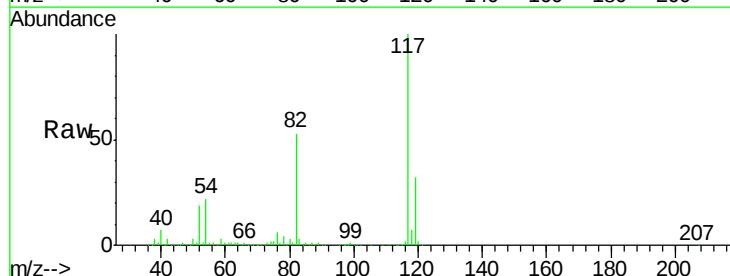


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

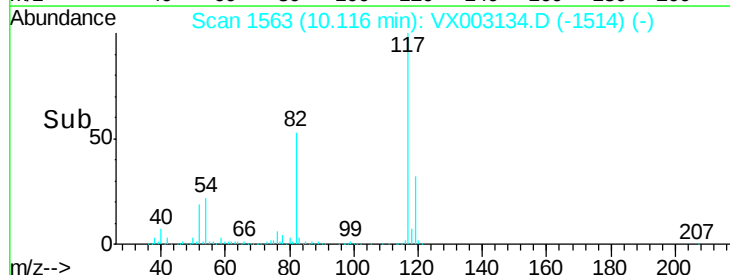
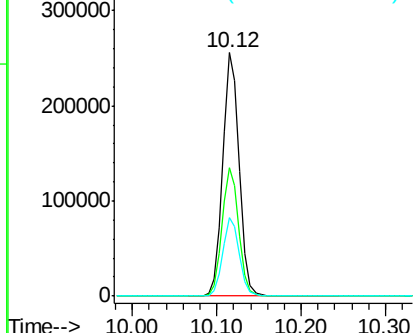


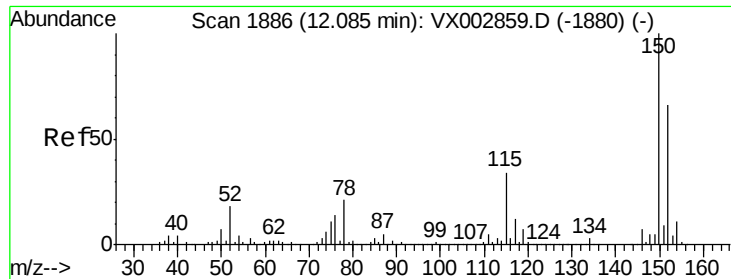
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Tgt Ion: 117 Resp: 346068
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 32.0 25.8 38.6



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

SP18-CHY05

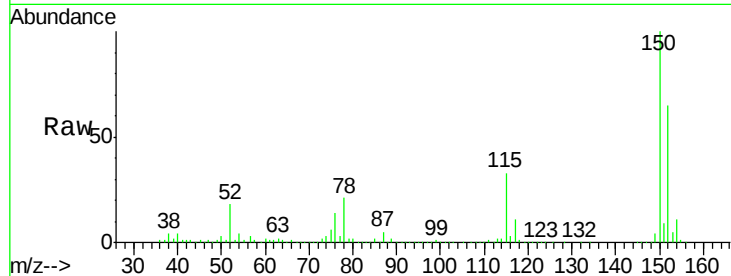
Tot Ion:152 Resp: 213547

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

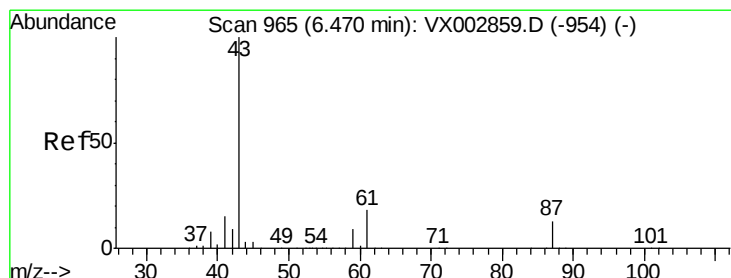
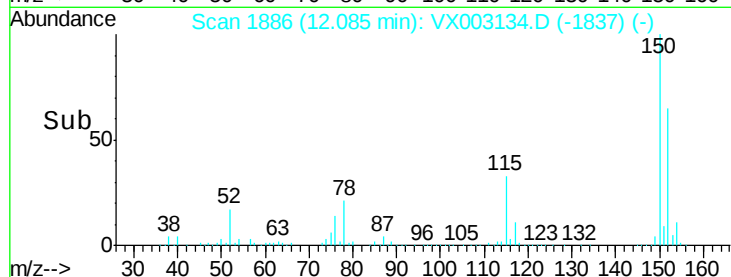
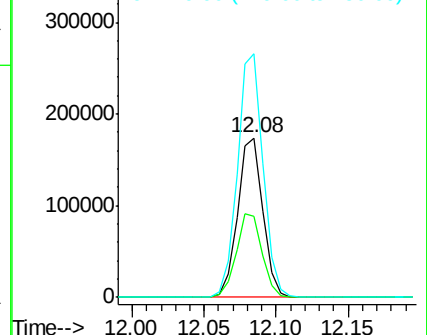
150 154.6 0.0 347.2



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



#74

N-ethyl acetate

Concen: 0.73 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.02 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Tgt Ion: 43 Resp: 5149

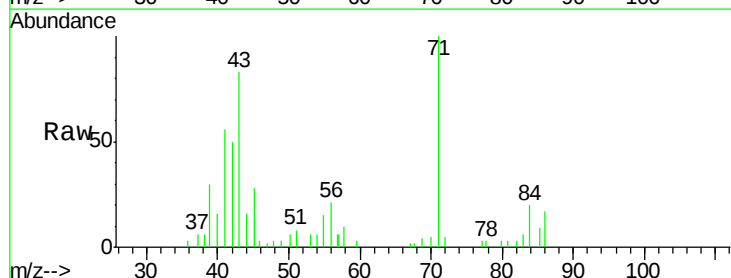
Ion Ratio Lower Upper

43 100

70 5.1 0.0 0.0#

55 11.7 0.0 0.0#

61 0.7 14.4 21.6#

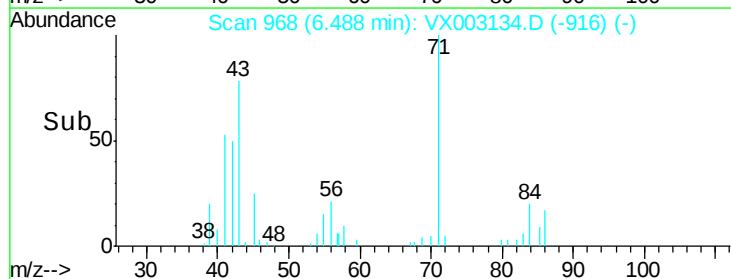
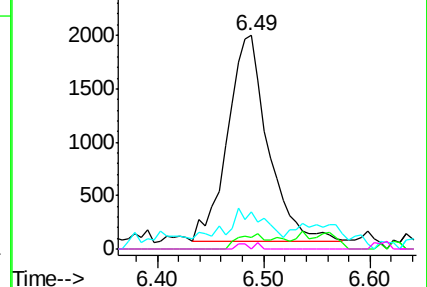


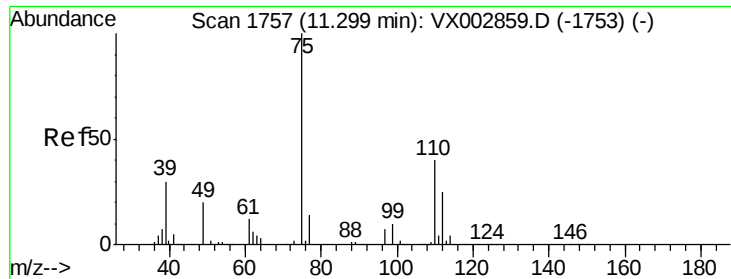
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 25.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

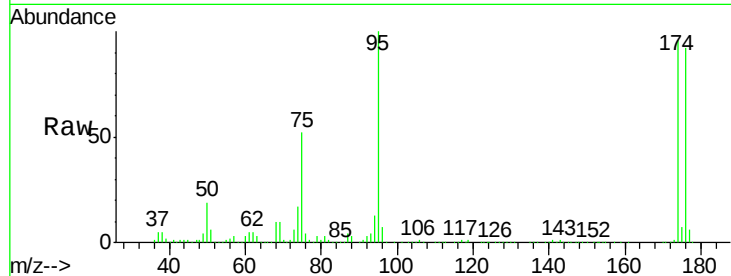
SP18-CHY05

Tot Ion: 75 Resp: 98537

Ion Ratio Lower Upper

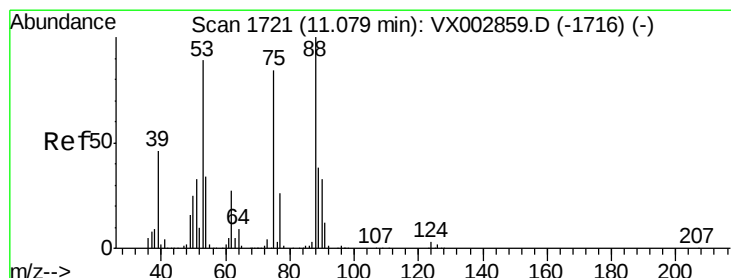
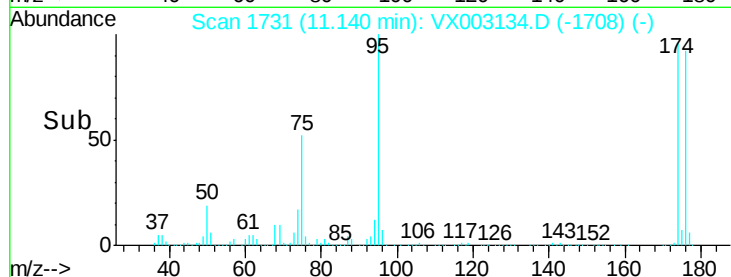
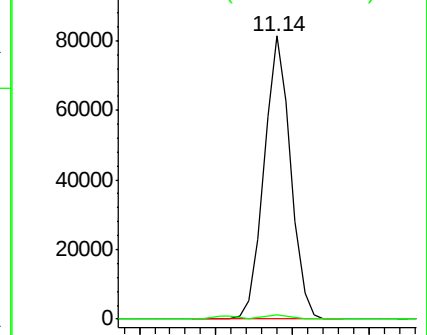
75 100

77 1.5 22.8 68.3#



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: 72.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

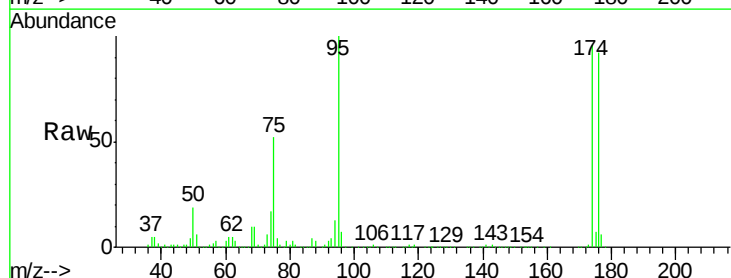
Tgt Ion: 75 Resp: 98537

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 38.2 57.2#



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

