

Data File : VX001884.D

Acq On : 21 May 2018 18:13

Operator : JC/MD

Sample : J2988-07

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY030PZ004-180515

Quant Time: May 22 01:54:02 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173868	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	5.51	113	155109	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
50) Toluene-d8	8.72	98	455924	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	
62) 4-Bromofluorobenzene	11.15	95	134034	36.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.30%	

Target Compounds

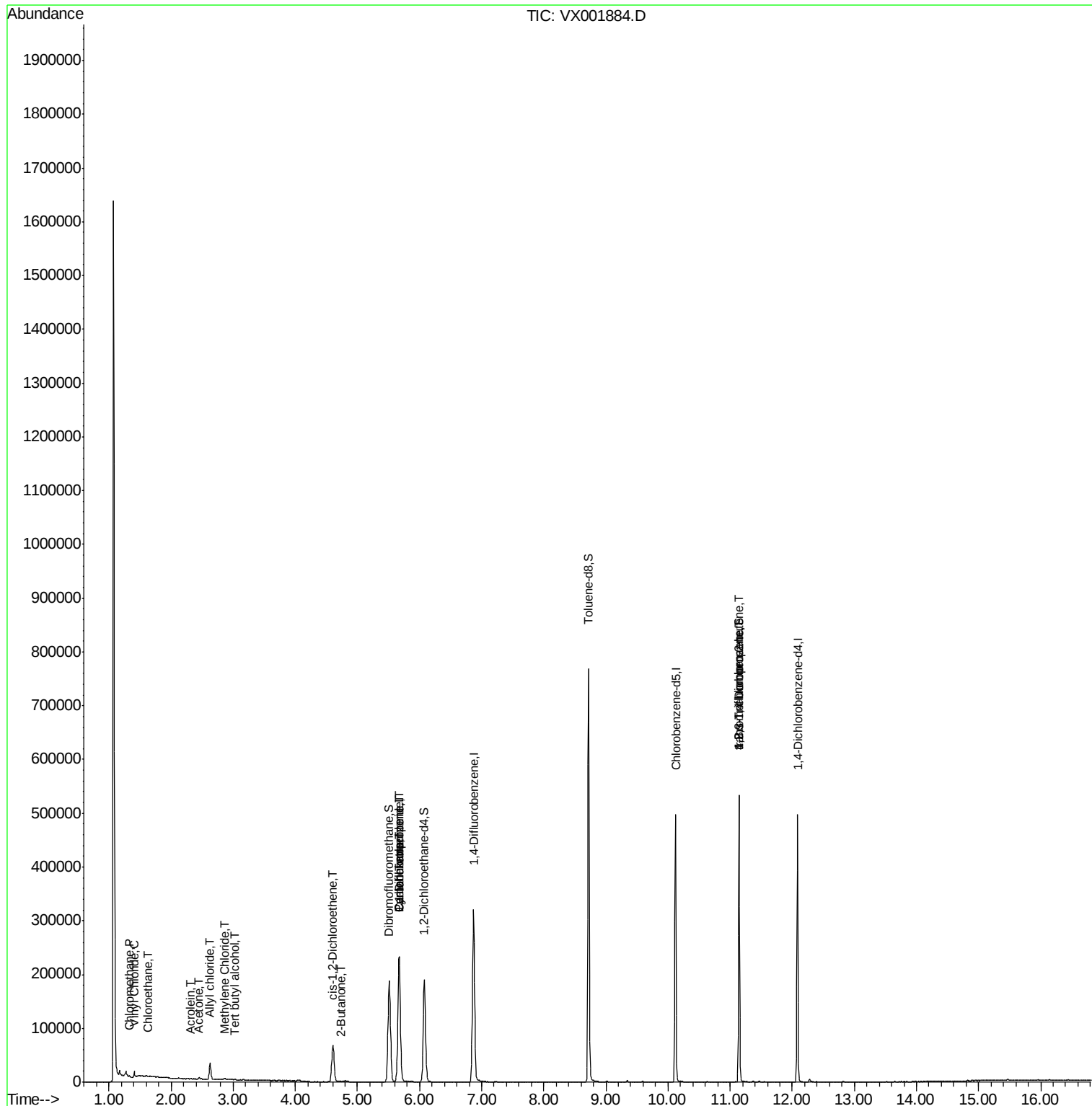
						Qvalue
3) Chloromethane	1.32	50	805	0.29	ug/l #	82
4) Vinyl Chloride	1.40	62	6675	2.23	ug/l #	77
5) Bromomethane	1.65	94	513	Below Cal	#	80
6) Chloroethane	1.62	64	690	0.37	ug/l #	43
11) Tert butyl alcohol	3.03	59	904	1.49	ug/l #	72
13) Acrolein	2.30	56	93	0.22	ug/l #	22
14) Allyl chloride	2.63	41	3187	0.68	ug/l #	66
16) Acetone	2.45	43	3806	2.83	ug/l #	88
20) Methylene Chloride	2.87	84	964	0.34	ug/l #	54
25) 2-Butanone	4.74	43	544	0.26	ug/l #	51
27) cis-1,2-Dichloroethene	4.60	96	46181	14.60	ug/l	92
31) Cyclohexane	5.67	56	3644	0.85	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14511	3.70	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20944	5.10	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	62356	29.52	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	62356	85.47	ug/l #	10

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

Data File : VX001884.D
Acq On : 21 May 2018 18:13
Operator : JC/MD
Sample : J2988-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY030PZ004-180515

Quant Time: May 22 01:54:02 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

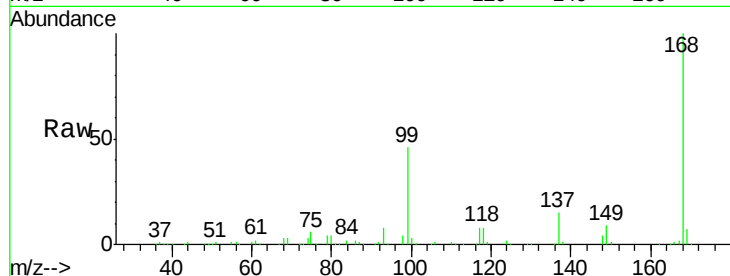
KY030PZ004-180515

Tgt Ion:168 Resp: 255255

Ion Ratio Lower Upper

168 100

99 46.2 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

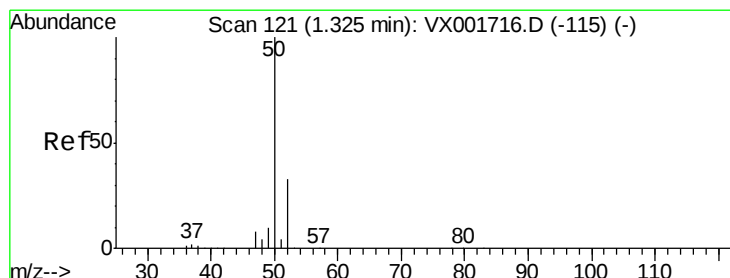
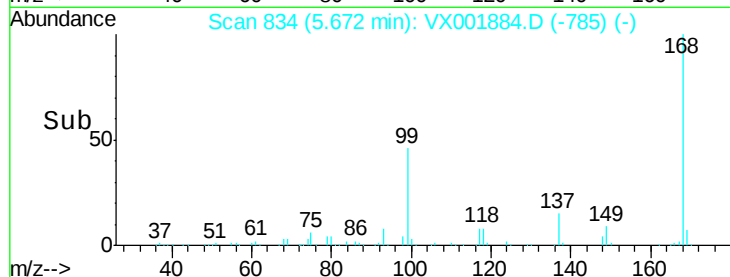
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001884.D

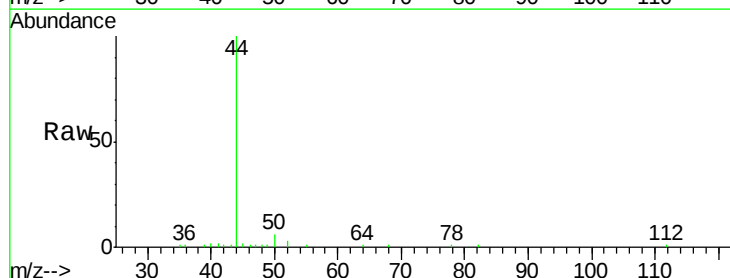
Acq: 21 May 2018 18:13

Tgt Ion: 50 Resp: 805

Ion Ratio Lower Upper

50 100

52 43.2 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

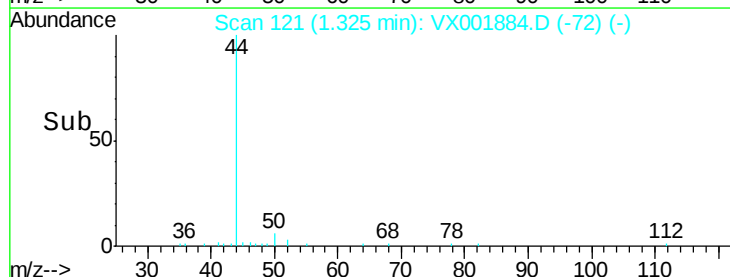
400

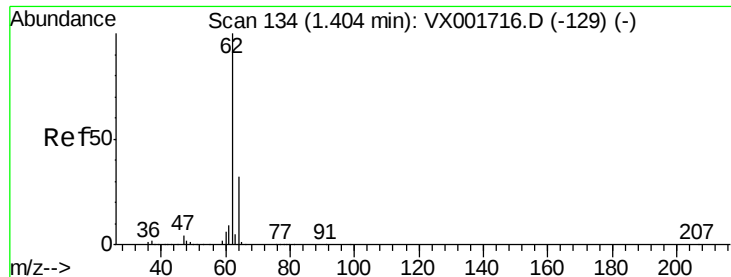
200

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 2.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

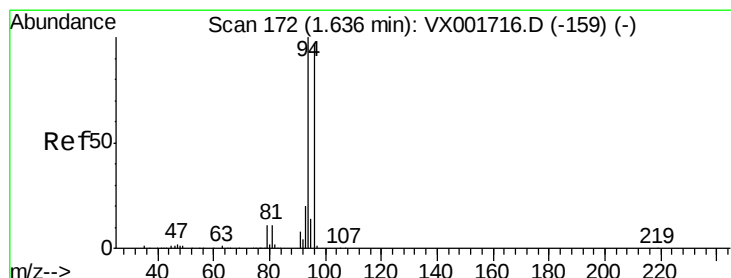
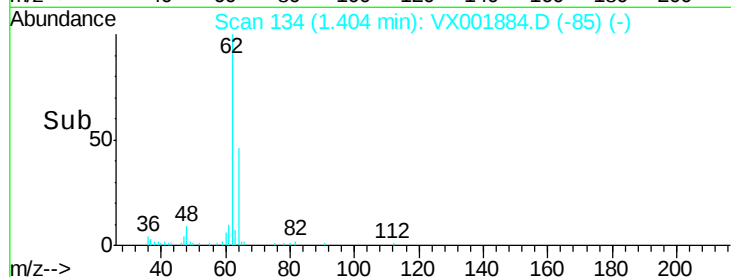
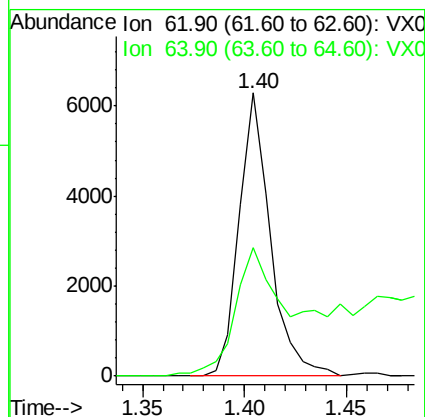
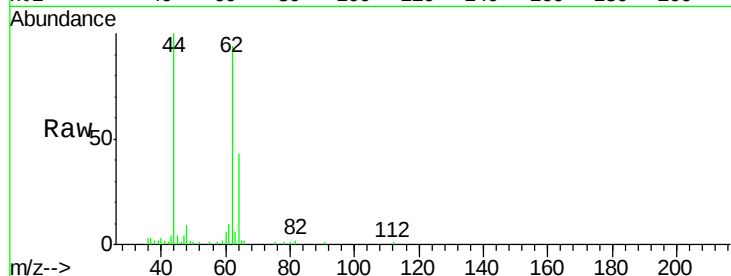
KY030PZ004-180515

Tgt Ion: 62 Resp: 6675

Ion Ratio Lower Upper

62 100

64 44.6 25.6 38.4#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001884.D

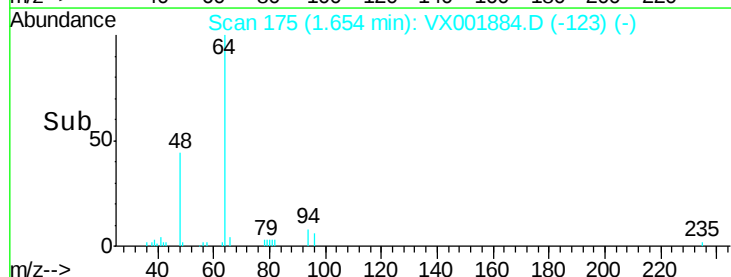
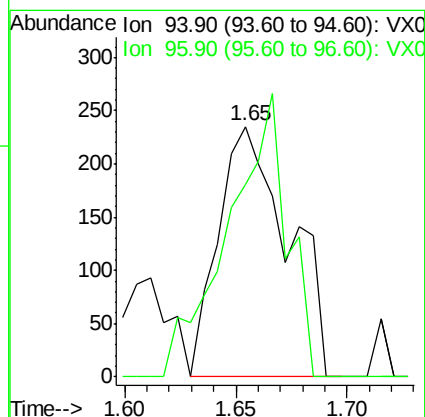
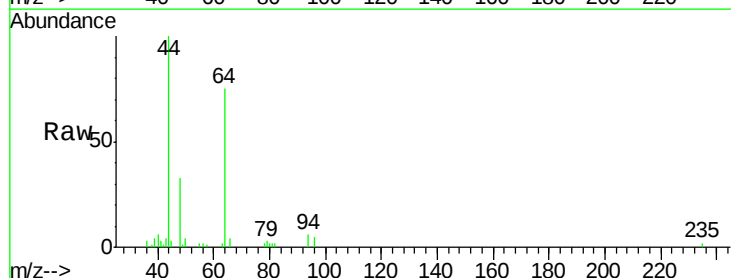
Acq: 21 May 2018 18:13

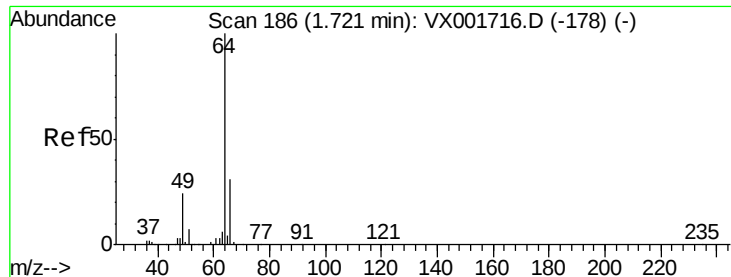
Tgt Ion: 94 Resp: 513

Ion Ratio Lower Upper

94 100

96 77.0 77.4 116.0#





#6

Chloroethane

Concen: 0.37 ug/l

RT: 1.62 min Scan# 170

Delta R.T. -0.10 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

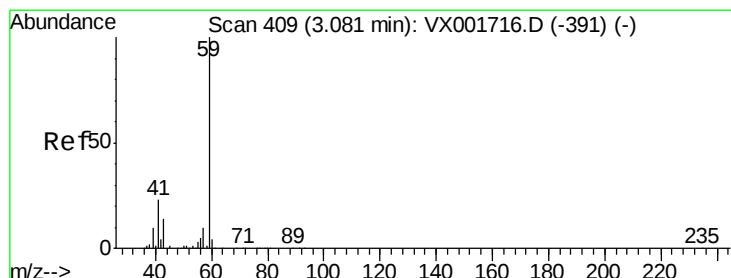
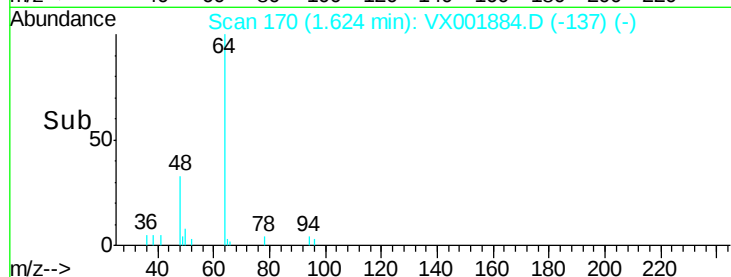
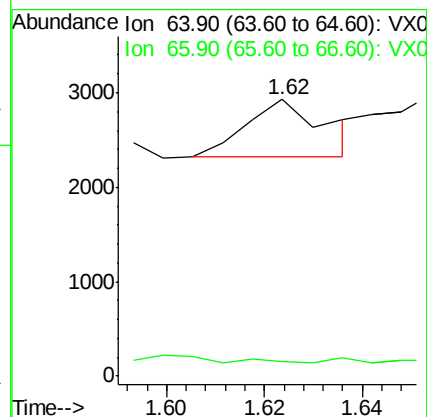
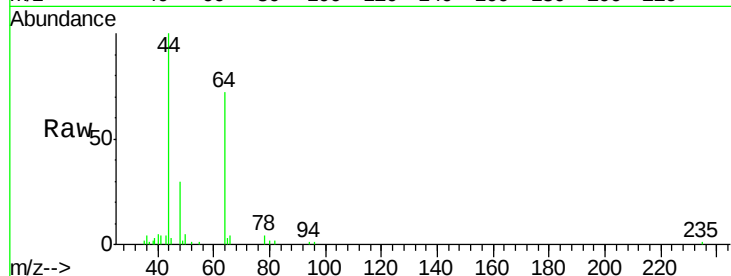
KY030PZ004-180515

Tgt Ion: 64 Resp: 690

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#11

Tert butyl alcohol

Concen: 1.49 ug/l

RT: 3.03 min Scan# 401

Delta R.T. -0.05 min

Lab File: VX001884.D

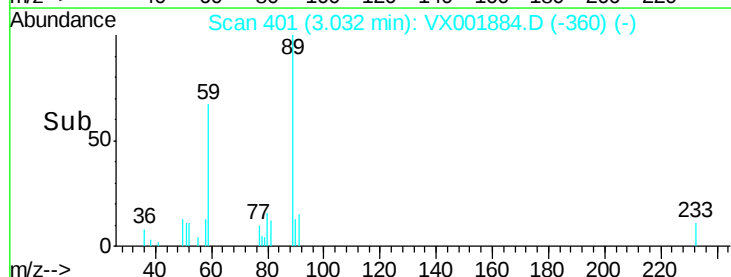
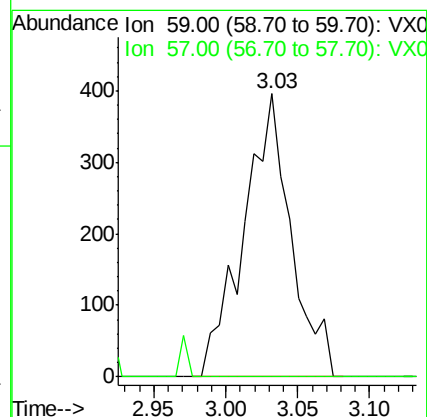
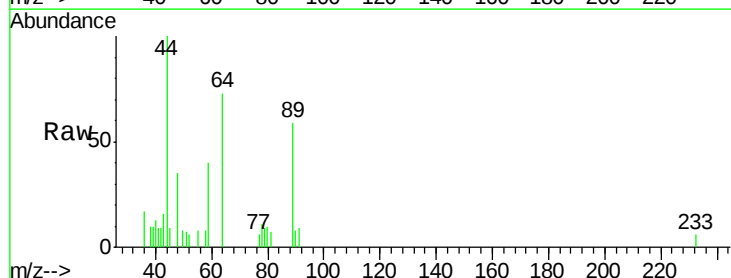
Acq: 21 May 2018 18:13

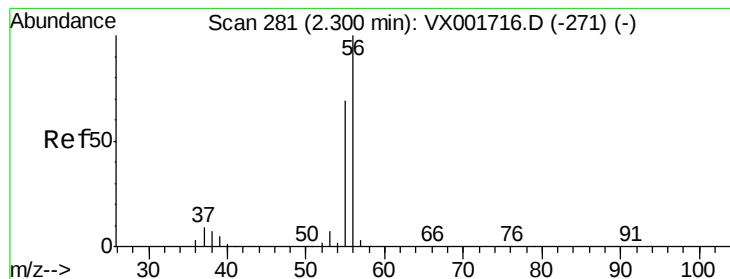
Tgt Ion: 59 Resp: 904

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 0.22 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

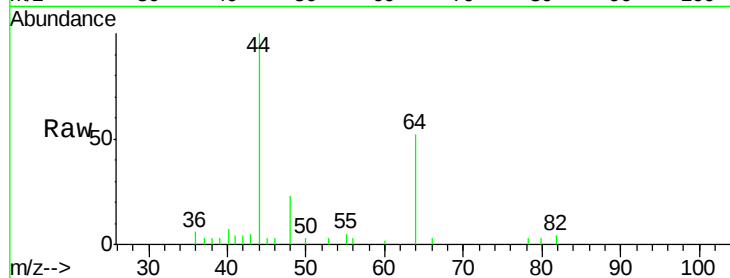
KY030PZ004-180515

Tgt Ion: 56 Resp: 93

Ion Ratio Lower Upper

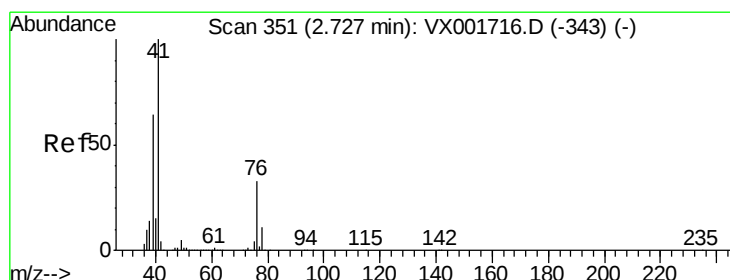
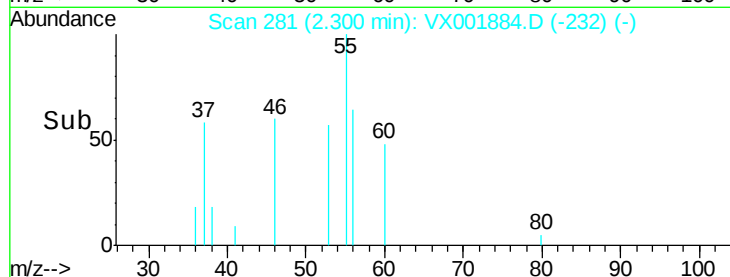
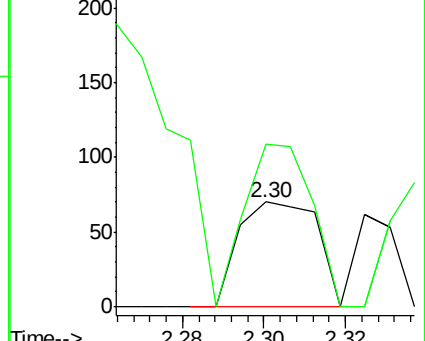
56 100

55 134.4 56.2 84.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.68 ug/l

RT: 2.63 min Scan# 335

Delta R.T. -0.10 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

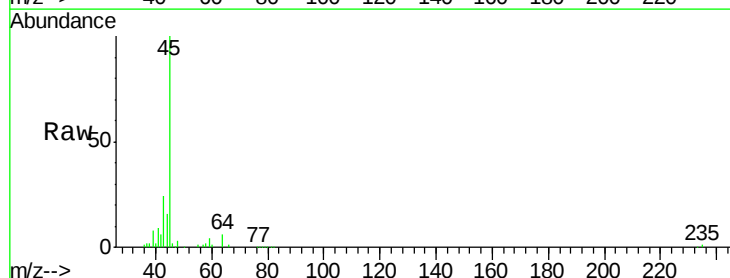
Tgt Ion: 41 Resp: 3187

Ion Ratio Lower Upper

41 100

39 79.5 49.8 74.6#

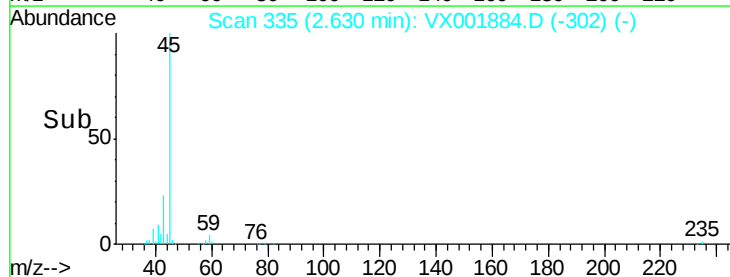
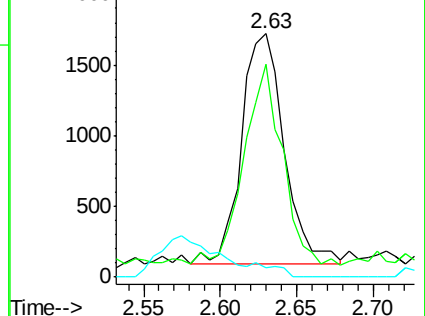
76 0.0 25.8 38.8#

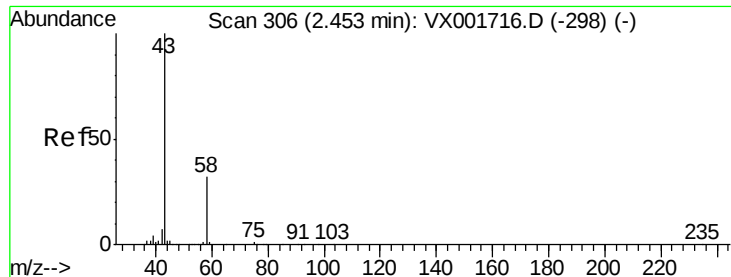


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 2.83 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

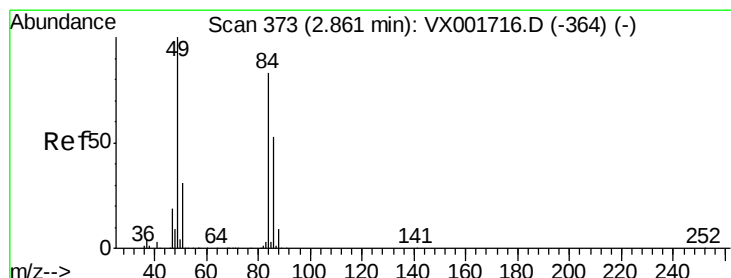
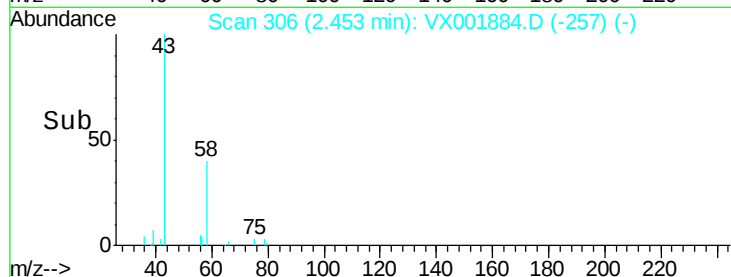
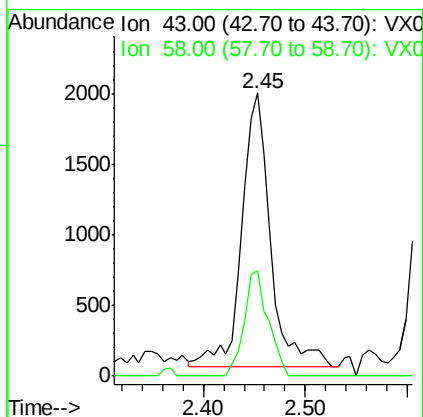
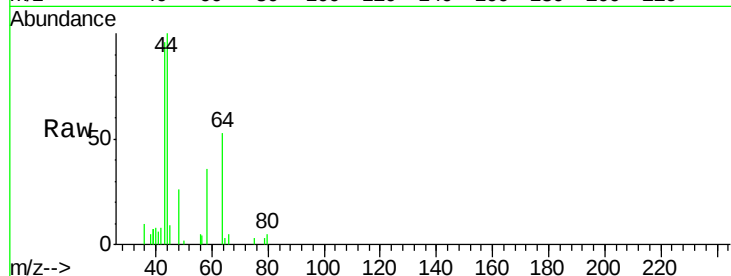
KY030PZ004-180515

Tgt Ion: 43 Resp: 3806

Ion Ratio Lower Upper

43 100

58 38.5 25.3 37.9#



#20

Methylene Chloride

Concen: 0.34 ug/l

RT: 2.87 min Scan# 375

Delta R.T. 0.01 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Tgt Ion: 84 Resp: 964

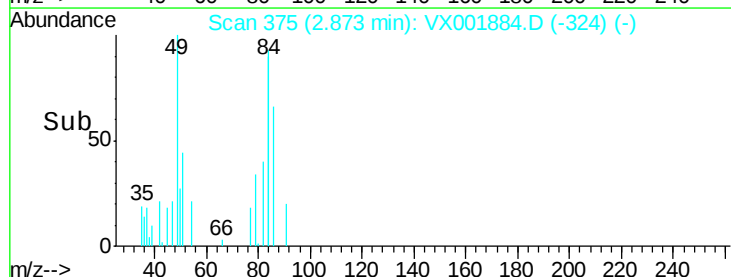
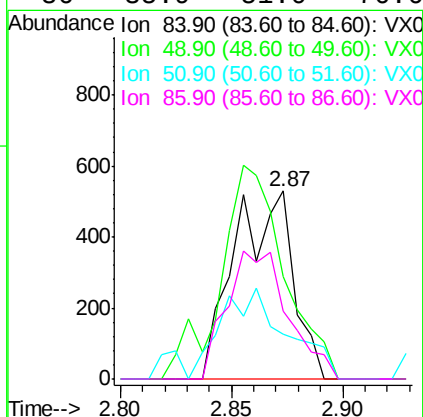
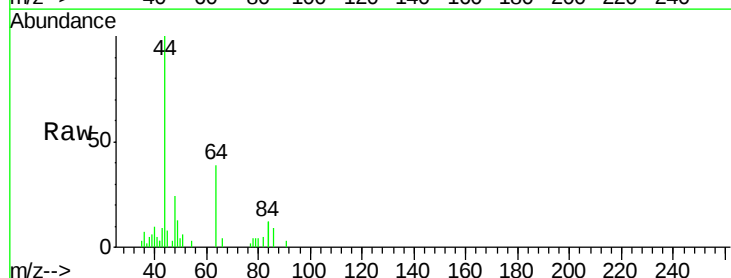
Ion Ratio Lower Upper

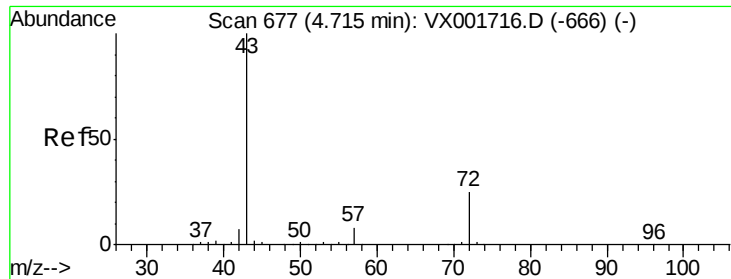
84 100

49 54.6 96.3 144.5#

51 24.2 29.8 44.6#

86 35.9 51.0 76.6#





#25

2-Butanone

Concen: 0.26 ug/l

RT: 4.74 min Scan# 681

Delta R.T. 0.02 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

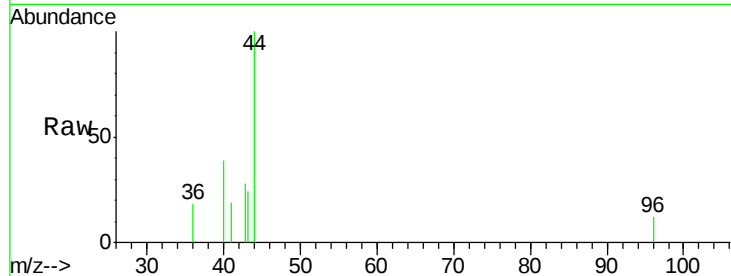
KY030PZ004-180515

Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

43 100

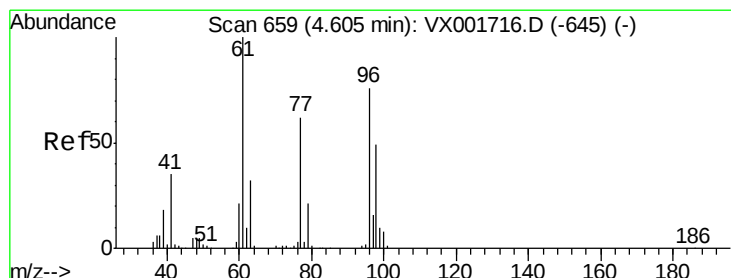
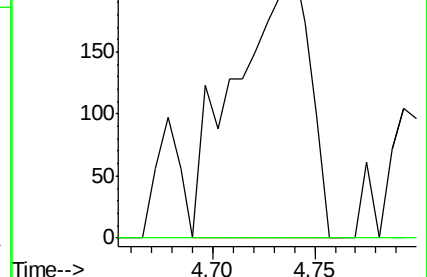
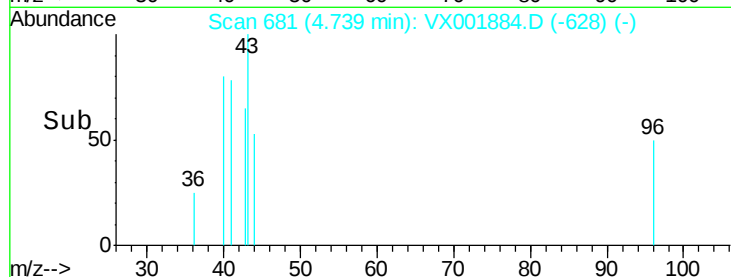
72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 14.60 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

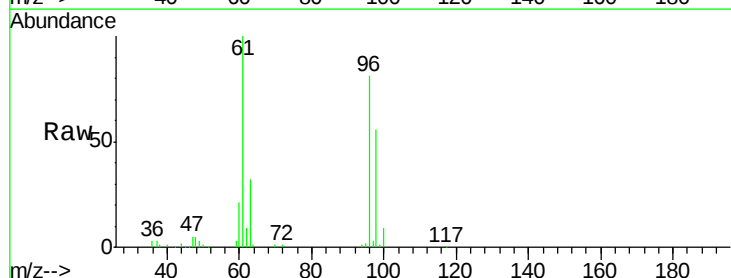
Tgt Ion: 96 Resp: 46181

Ion Ratio Lower Upper

96 100

61 126.5 0.0 280.4

98 64.4 0.0 128.4

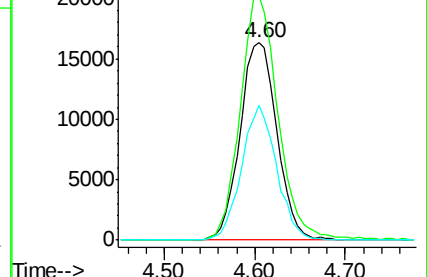
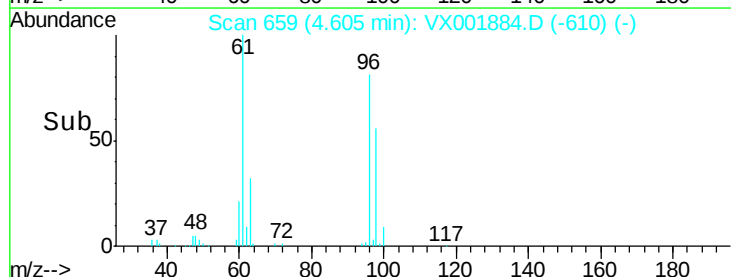


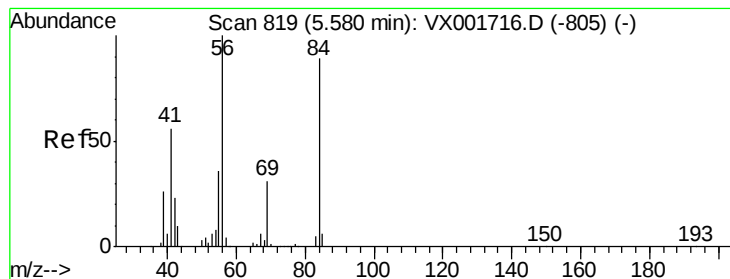
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->





#31

Cyclohexane

Concen: 0.85 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

KY030PZ004-180515

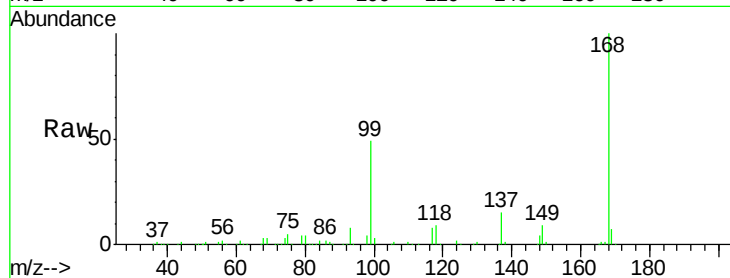
Tgt Ion: 56 Resp: 3644

Ion Ratio Lower Upper

56 100

69 167.9 25.0 37.6#

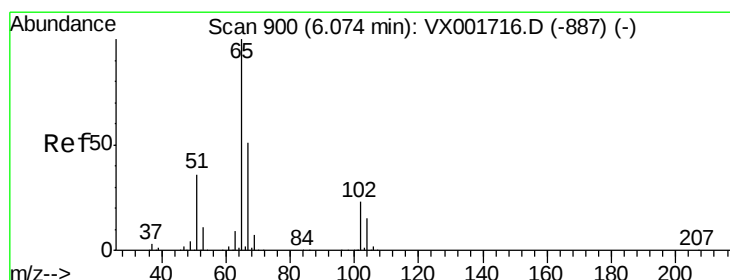
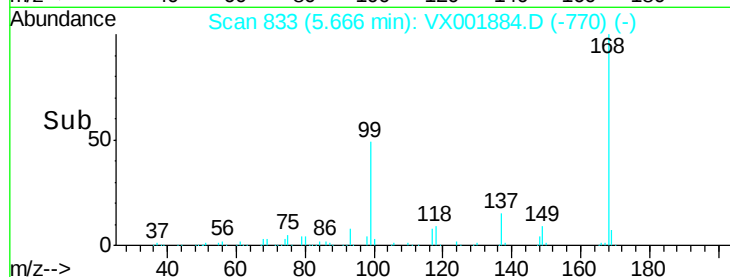
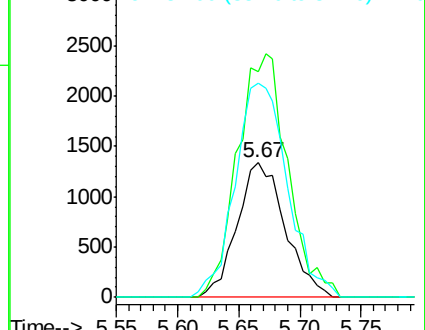
84 159.3 71.0 106.4#



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: 50.82 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001884.D

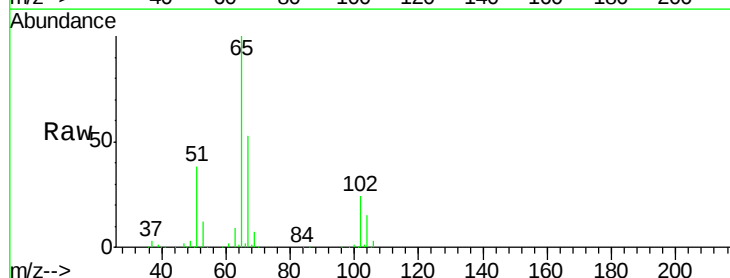
Acq: 21 May 2018 18:13

Tgt Ion: 65 Resp: 173868

Ion Ratio Lower Upper

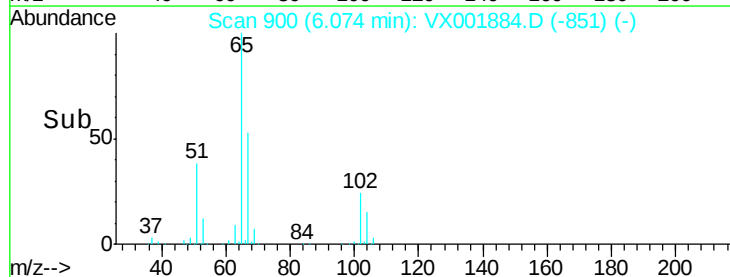
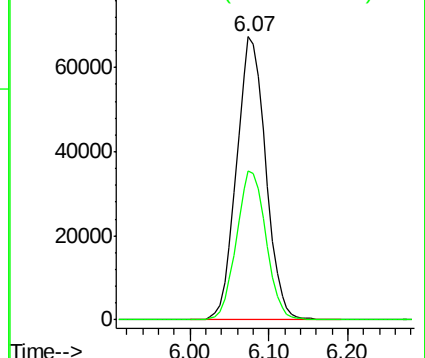
65 100

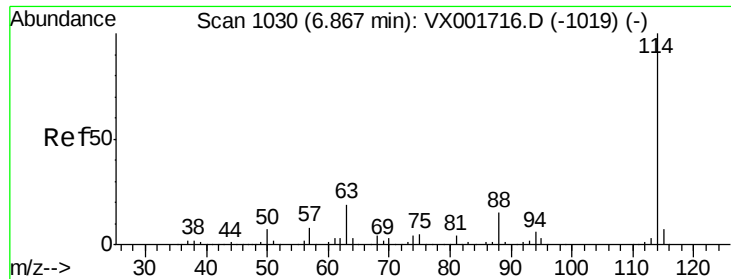
67 53.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

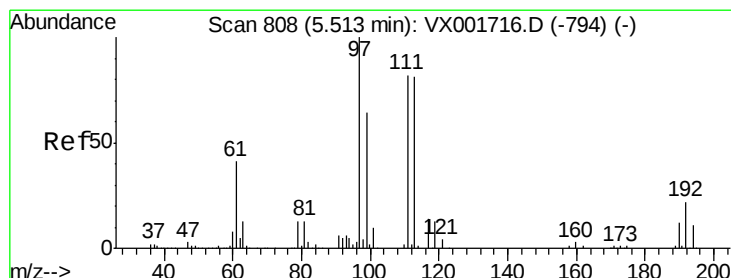
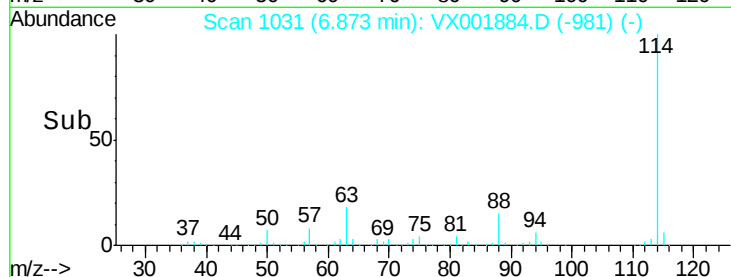
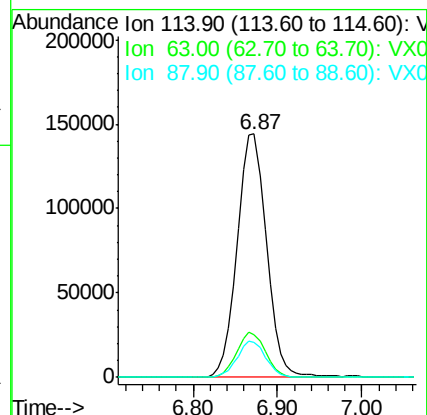
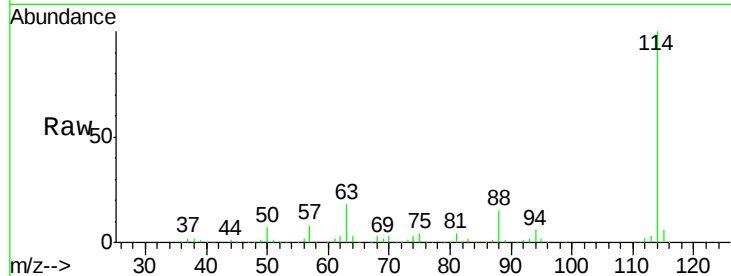




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001884.D
 Acq: 21 May 2018 18:13

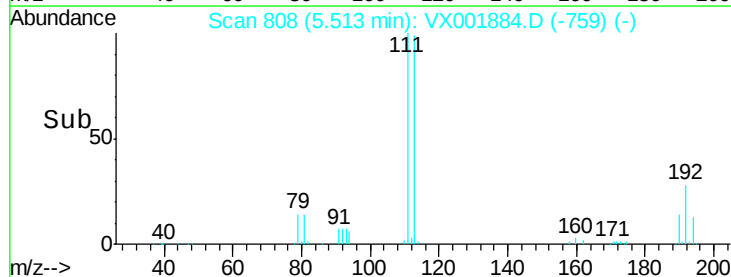
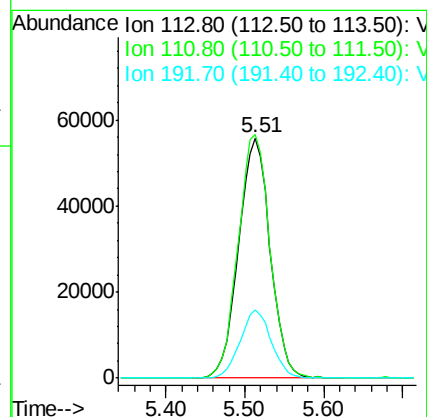
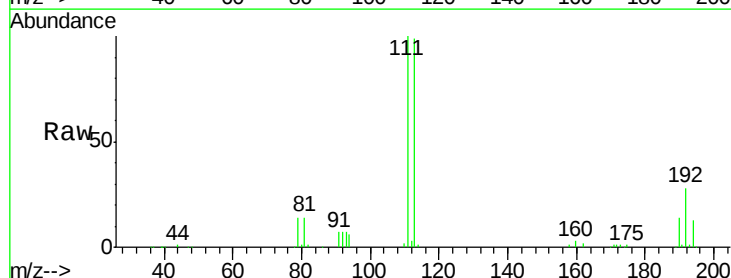
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030PZ004-180515

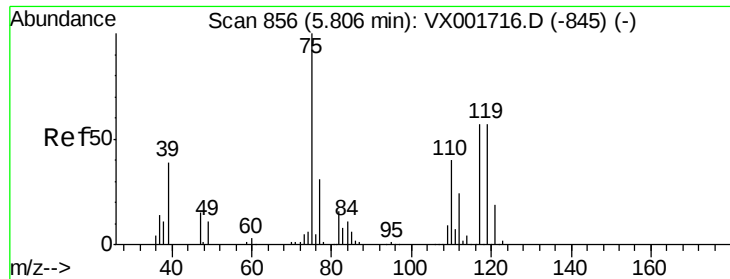
Tgt Ion:114 Resp: 340721
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 37.0
 88 14.6 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 53.94 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001884.D
 Acq: 21 May 2018 18:13

Tgt Ion:113 Resp: 155109
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 28.0 21.6 32.4

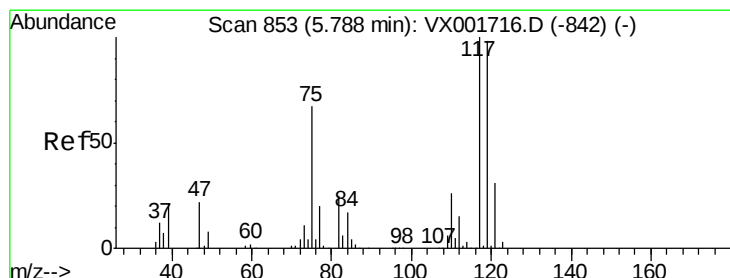
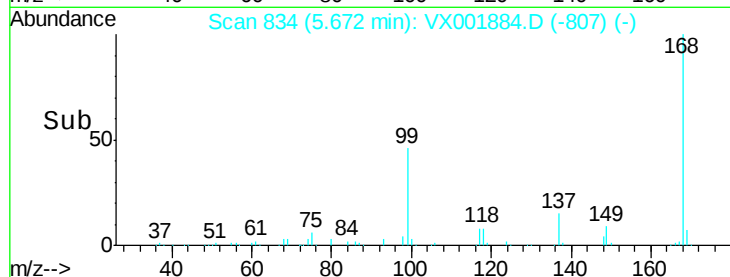
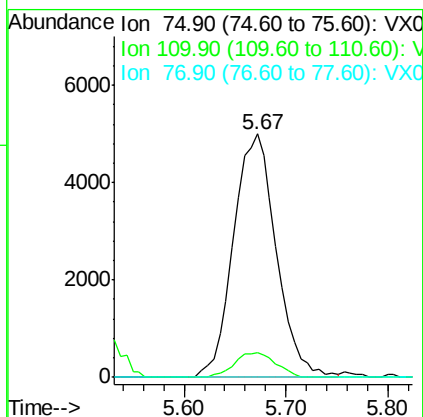
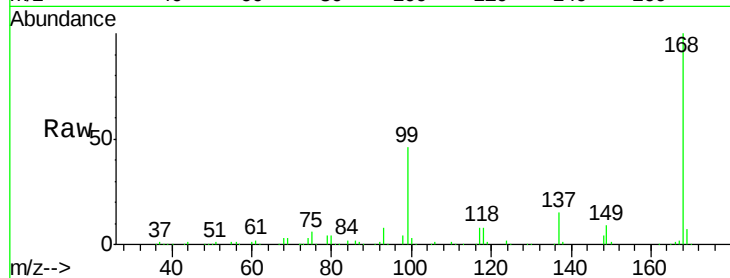




#36
 1,1-Dichloropropene
 Concen: 3.70 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001884.D
 Acq: 21 May 2018 18:13

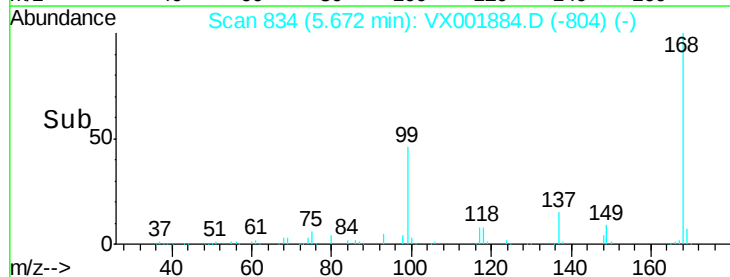
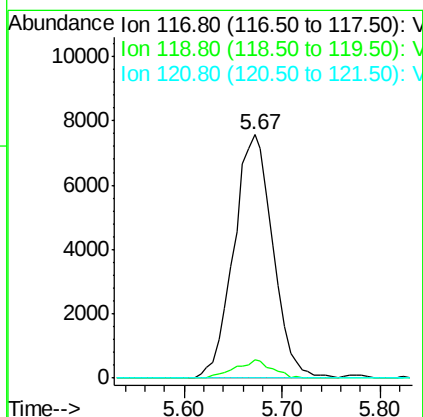
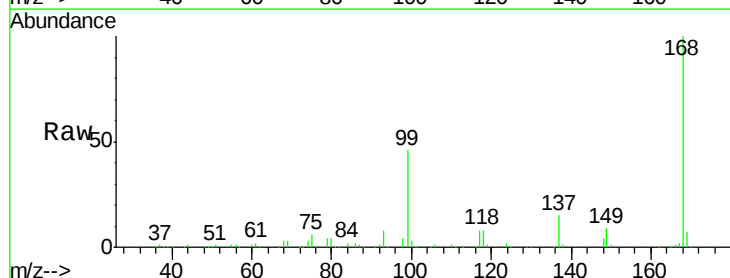
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030PZ004-180515

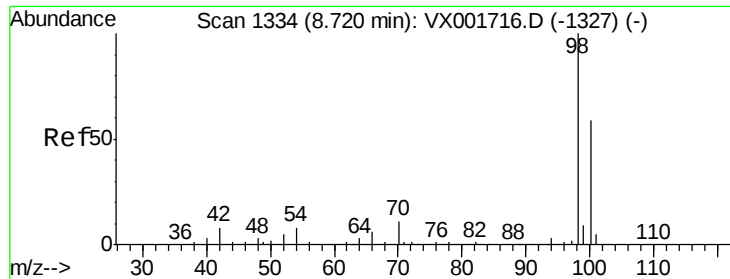
Tgt Ion: 75 Resp: 14511
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.10 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001884.D
 Acq: 21 May 2018 18:13

Tgt Ion: 117 Resp: 20944
 Ion Ratio Lower Upper
 117 100
 119 7.8 77.6 116.4#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 44.27 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

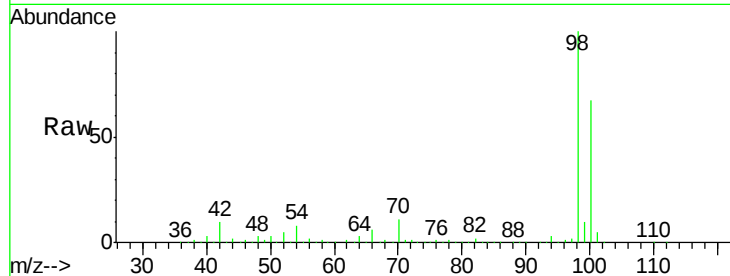
KY030PZ004-180515

Tgt Ion: 98 Resp: 455924

Ion Ratio Lower Upper

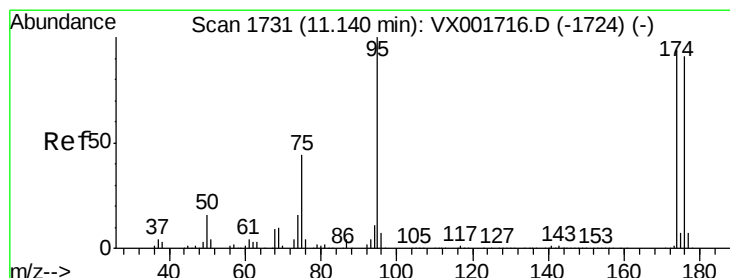
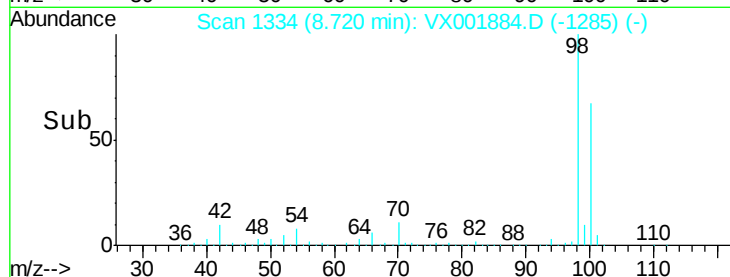
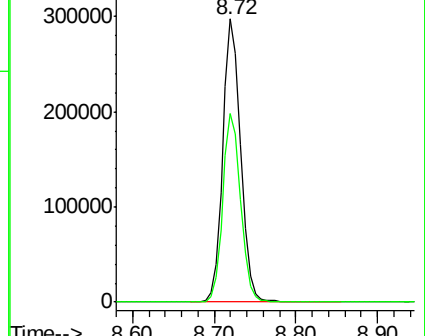
98 100

100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 36.15 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001884.D

Acq: 21 May 2018 18:13

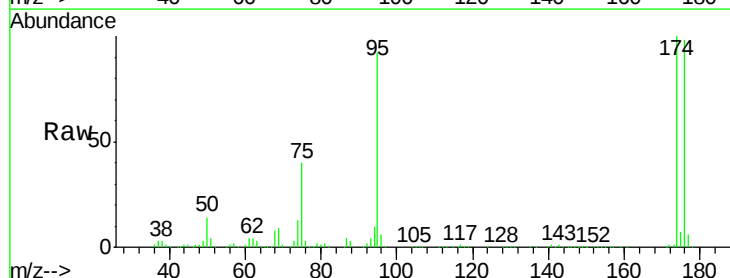
Tgt Ion: 95 Resp: 134034

Ion Ratio Lower Upper

95 100

174 103.8 0.0 201.8

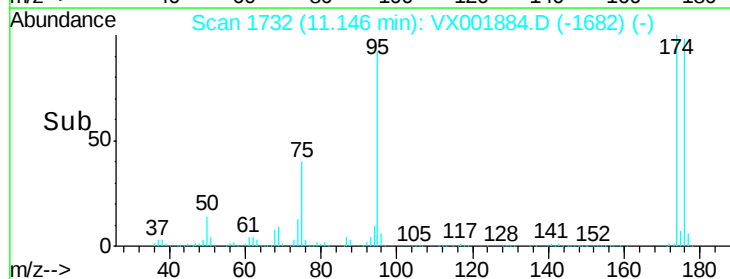
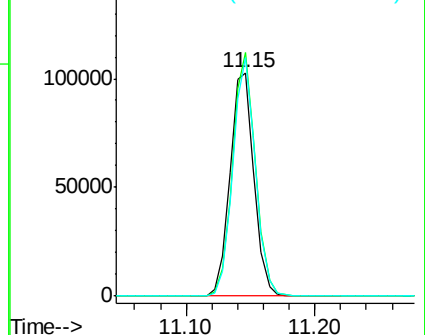
176 100.9 0.0 196.8

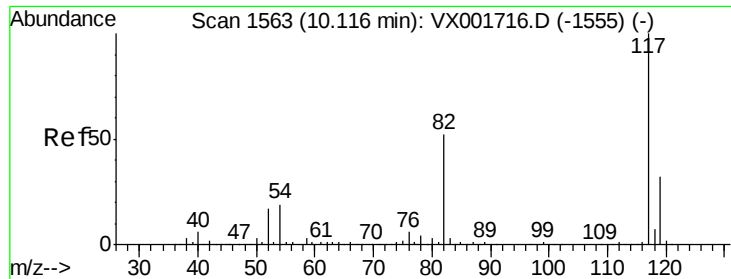


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

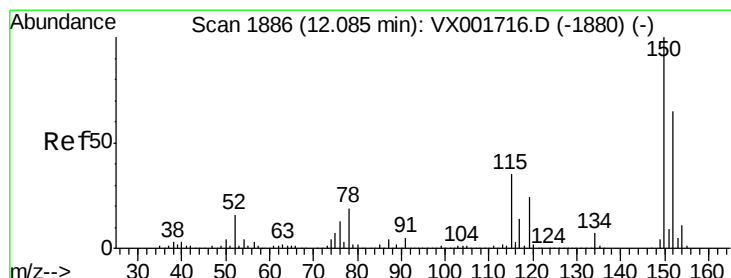
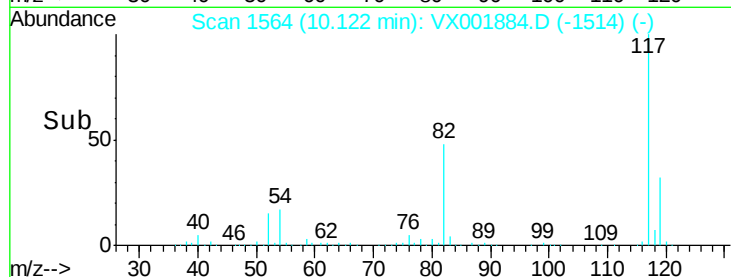
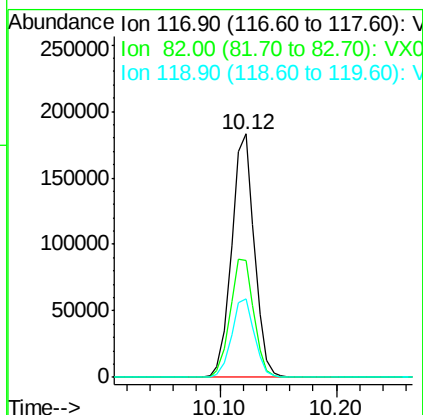
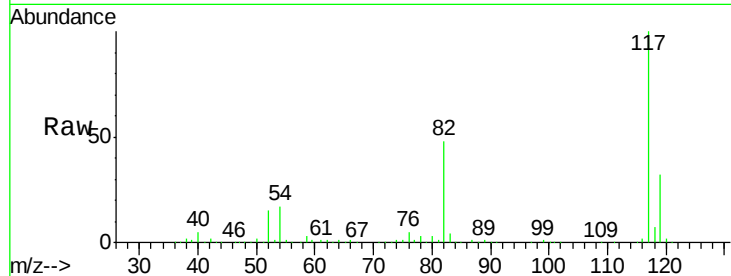




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001884.D
Acq: 21 May 2018 18:13

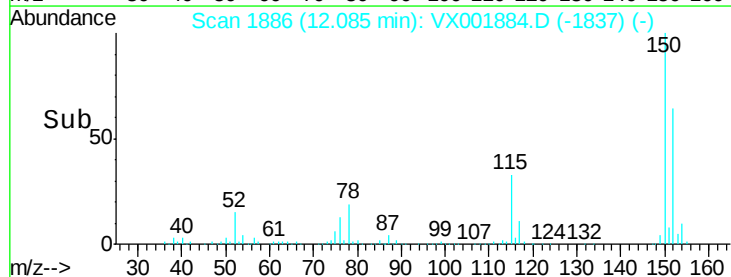
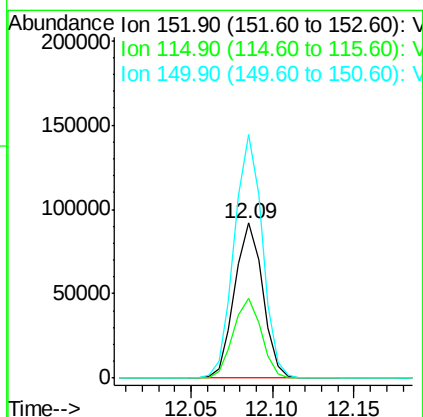
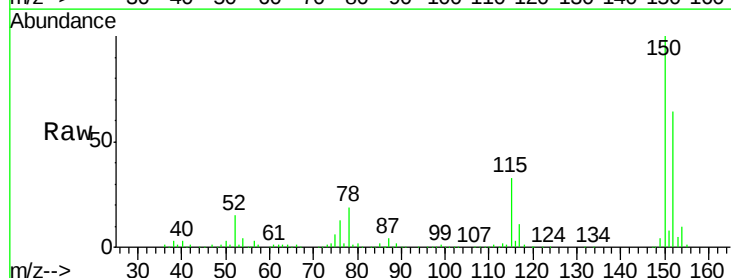
Instrument :
MSVOA_X
ClientSampleId :
KY030PZ004-180515

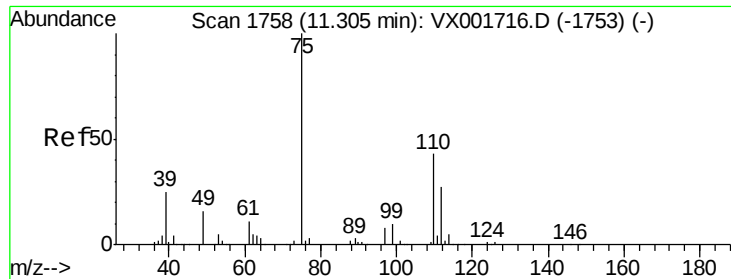
Tgt Ion:117 Resp: 248674
Ion Ratio Lower Upper
117 100
82 47.9 41.4 62.2
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001884.D
Acq: 21 May 2018 18:13

Tgt Ion:152 Resp: 111072
Ion Ratio Lower Upper
152 100
115 51.5 37.4 112.2
150 156.1 0.0 344.8

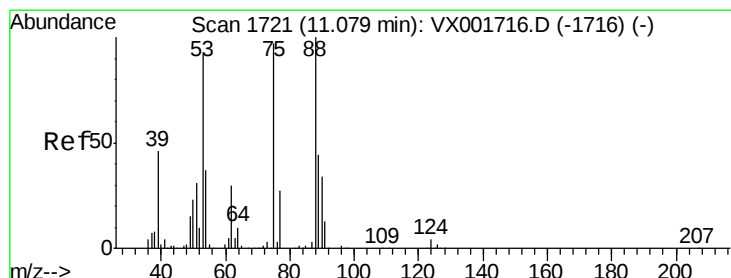
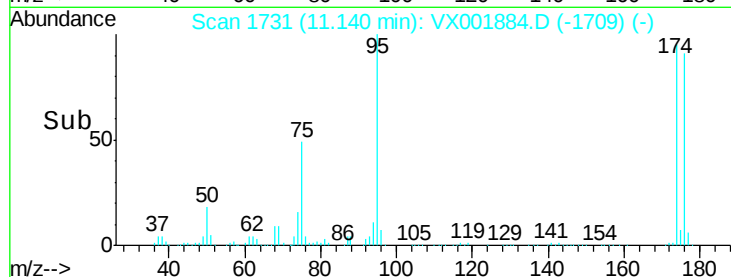
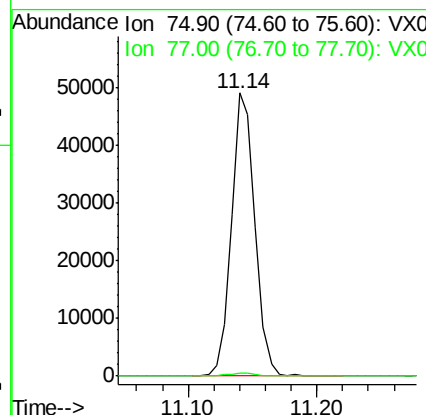
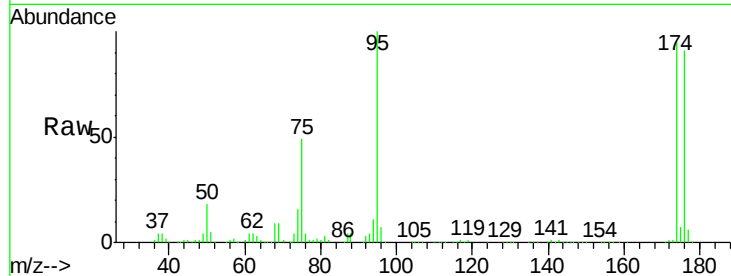




#76
 1,2,3-Trichloropropane
 Concen: 29.52 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001884.D
 Acq: 21 May 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030PZ004-180515

Tgt Ion: 75 Resp: 62356
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.47 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001884.D
 Acq: 21 May 2018 18:13

Tgt Ion: 75 Resp: 62356
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.2#
 89 0.0 38.8 58.2#

