

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062918\
 Data File : VX003053.D
 Acq On : 30 Jun 2018 02:29
 Operator : JC/MD
 Sample : J3707-23 5X
 Misc : 6.12g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 30 04:06:34 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	265585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	213318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176235	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.51	113	141698	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.72	98	543594	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	196266	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

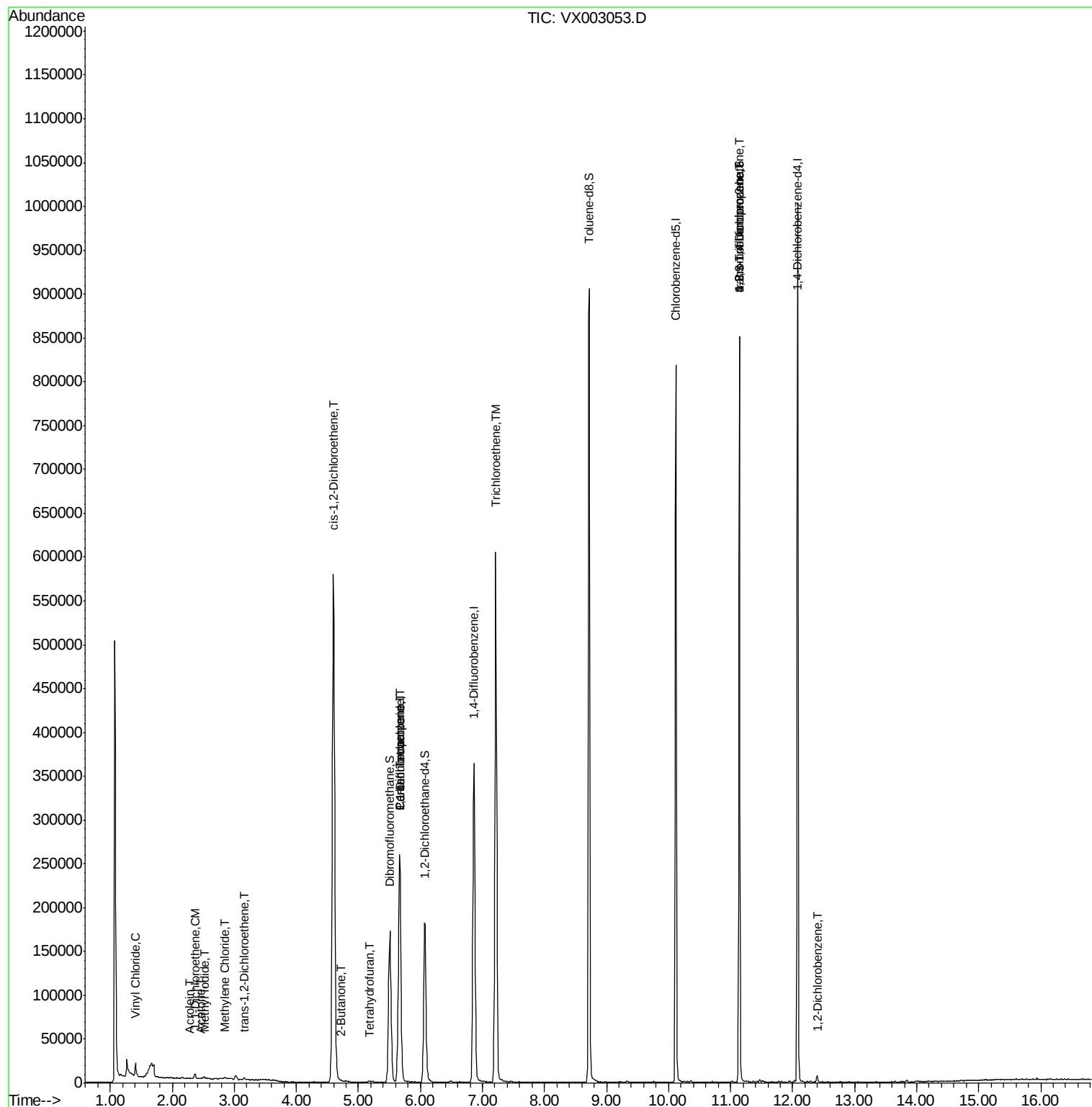
						Qvalue
2) Dichlorodifluoromethane	1.20	85	134	Below Cal	#	43
3) Chloromethane	1.32	50	857	Below Cal		99
4) Vinyl Chloride	1.40	62	8774	2.92 ug/l	#	59
5) Bromomethane	1.64	94	2100	Below Cal		95
6) Chloroethane	1.78	64	699	Below Cal	#	43
10) Methyl Iodide	2.51	142	2091	6.84 ug/l		95
12) 1,1-Dichloroethene	2.36	96	1682	0.64 ug/l		90
13) Acrolein	2.28	56	83	4.43 ug/l		98
16) Acetone	2.46	43	1235	0.81 ug/l	#	85
20) Methylene Chloride	2.86	84	697	0.24 ug/l	#	81
21) trans-1,2-Dichloroethene	3.16	96	773	0.27 ug/l		88
25) 2-Butanone	4.72	43	489	0.22 ug/l	#	52
27) cis-1,2-Dichloroethene	4.60	96	369356	115.47 ug/l		82
29) Tetrahydrofuran	5.18	42	937	0.65 ug/l	#	66
36) 1,1-Dichloropropene	5.66	75	17665	4.34 ug/l	#	50
38) Carbon Tetrachloride	5.66	117	23894	5.35 ug/l	#	16
44) Trichloroethene	7.21	130	235046	66.62 ug/l		100
76) 1,2,3-Trichloropropane	11.14	75	99960	25.87 ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	99960	73.37 ug/l	#	7
91) 1,2-Dichlorobenzene	12.40	146	2023	0.27 ug/l		98

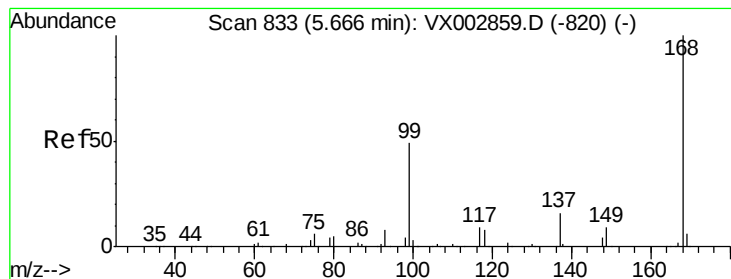
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062918\
Data File : VX003053.D
Acq On : 30 Jun 2018 02:29
Operator : JC/MD
Sample : J3707-23 5X
Misc : 6.12a/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 30 04:06:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

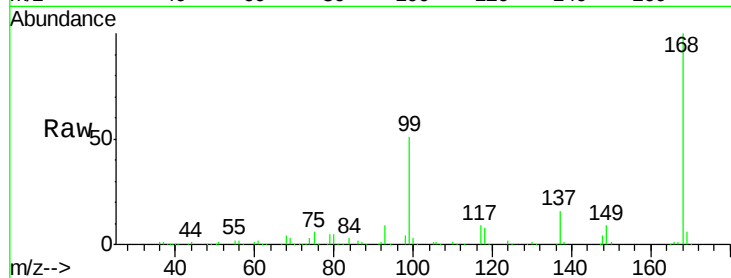
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 265585

Ion Ratio Lower Upper

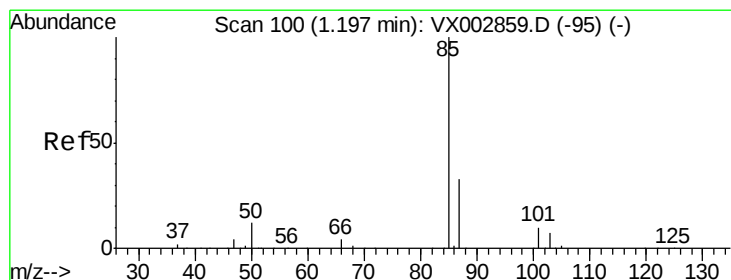
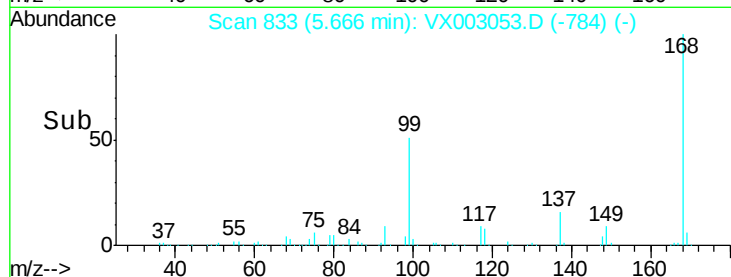
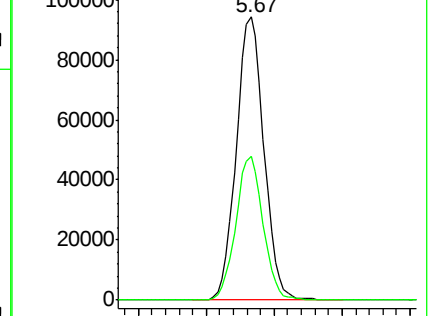
168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003053.D

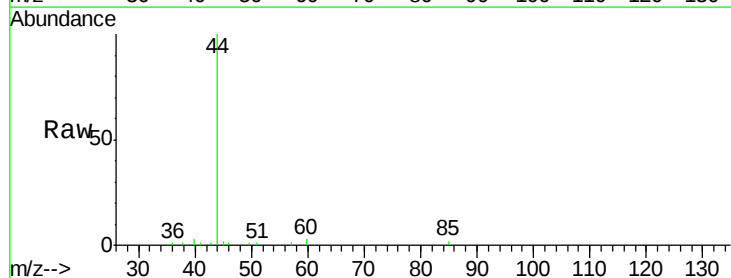
Acq: 30 Jun 2018 02:29

Tgt Ion: 85 Resp: 134

Ion Ratio Lower Upper

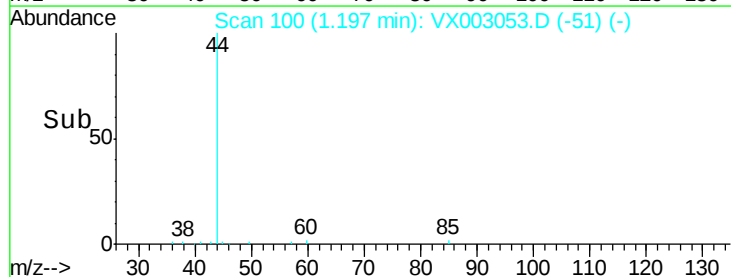
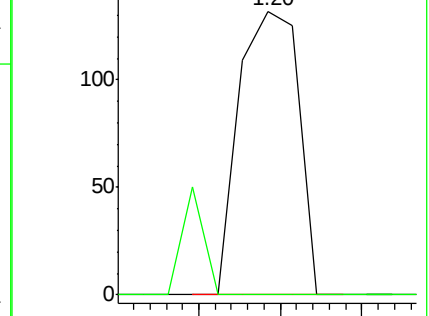
85 100

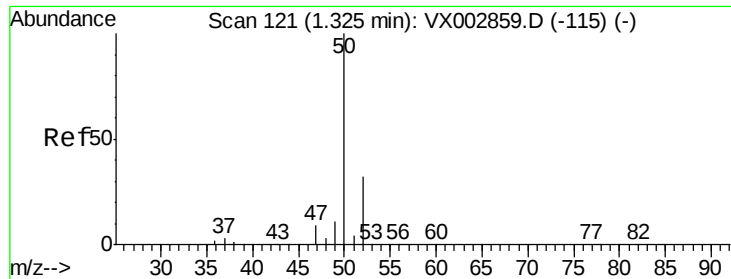
87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

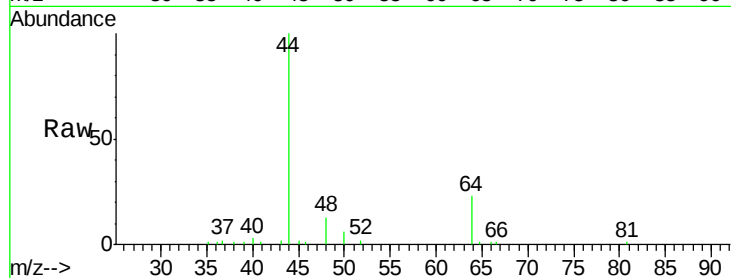
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 857

Ion Ratio Lower Upper

50 100

52 31.6 25.7 38.5



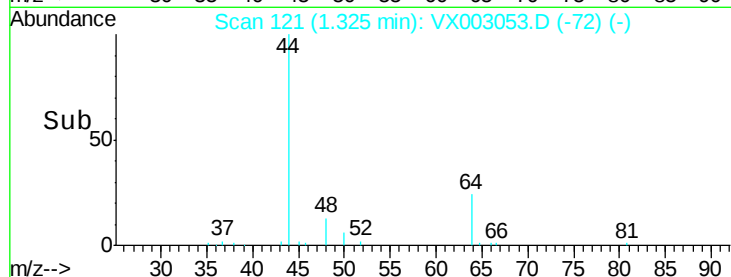
Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

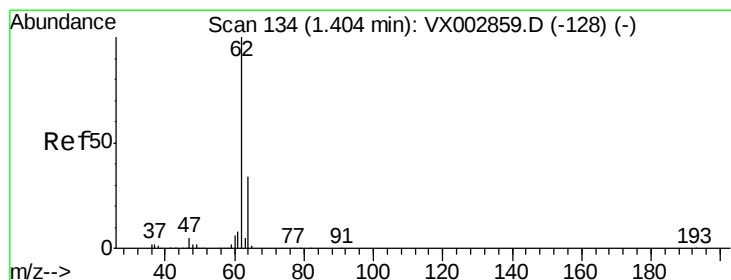
1.32

1.35

1.40



Time-->



#4

Vinyl Chloride

Concen: 2.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003053.D

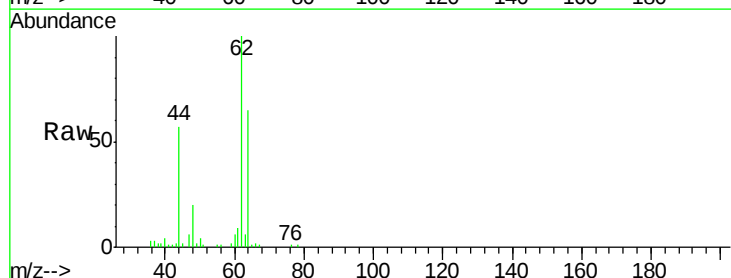
Acq: 30 Jun 2018 02:29

Tgt Ion: 62 Resp: 8774

Ion Ratio Lower Upper

62 100

64 54.4 25.4 38.2#

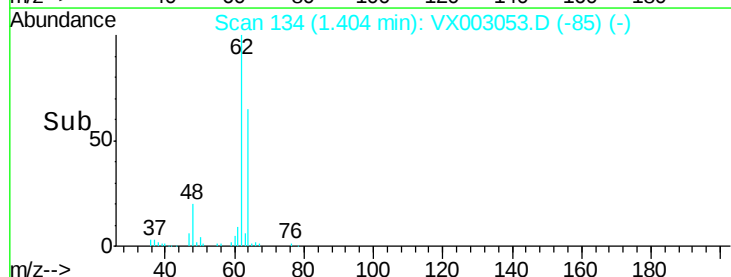


Abundance Ion 61.90 (61.60 to 62.60): VX0

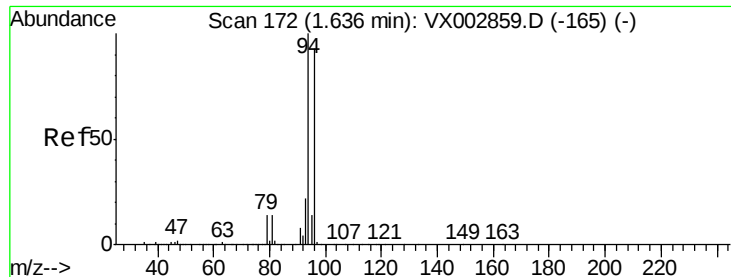
Ion 63.90 (63.60 to 64.60): VX0

1.40

1.45



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

Instrument :

MSVOA_X

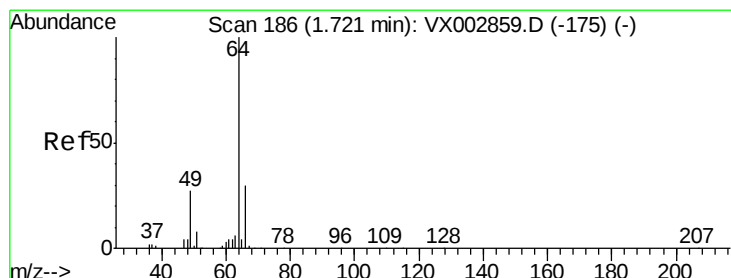
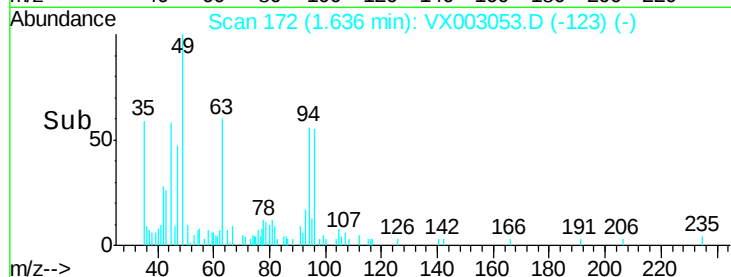
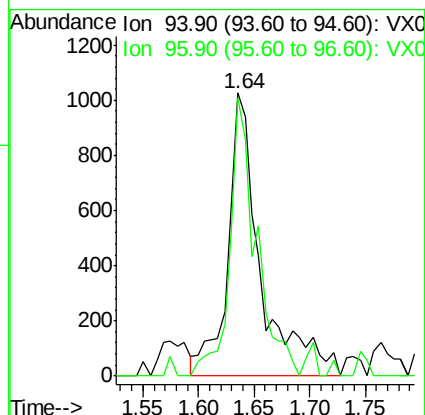
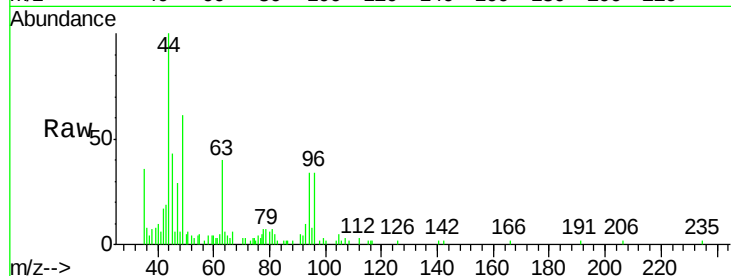
ClientSampled :

Tot Ion: 94 Resp: 2100

Ion Ratio Lower Upper

94 100

96 98.2 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.78 min Scan# 195

Delta R.T. 0.05 min

Lab File: VX003053.D

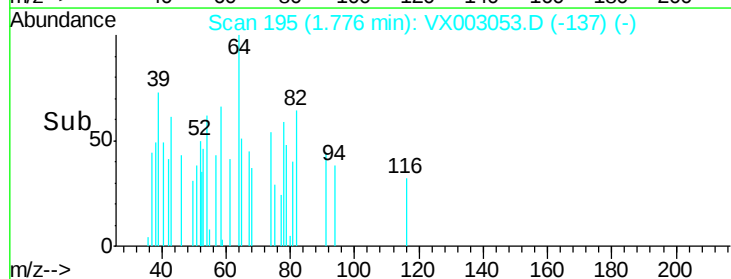
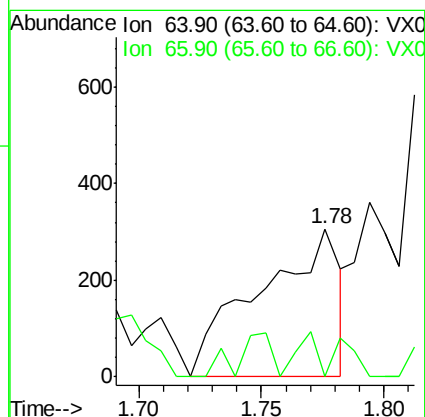
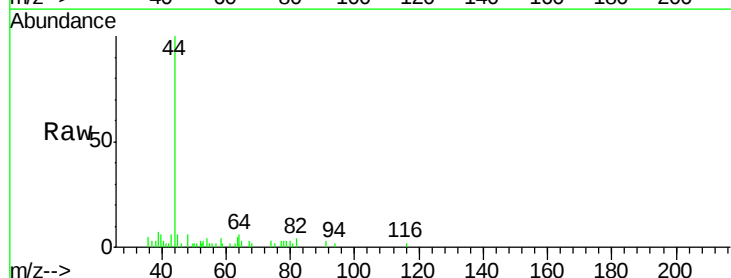
Acq: 30 Jun 2018 02:29

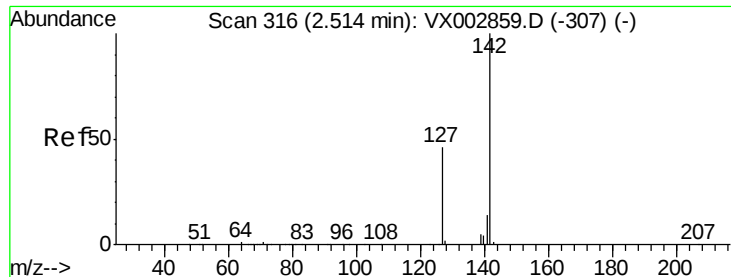
Tgt Ion: 64 Resp: 699

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

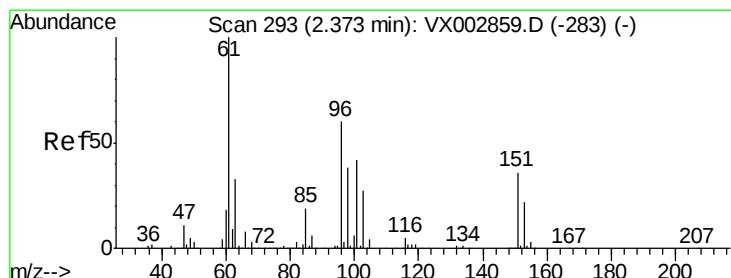
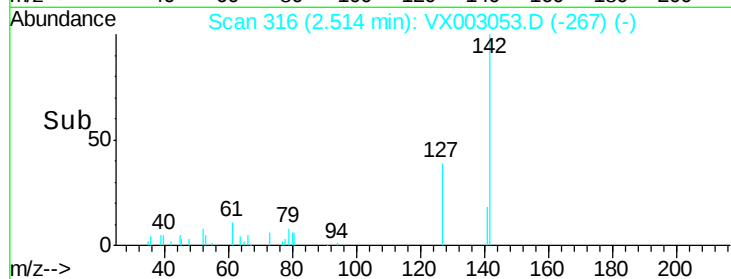
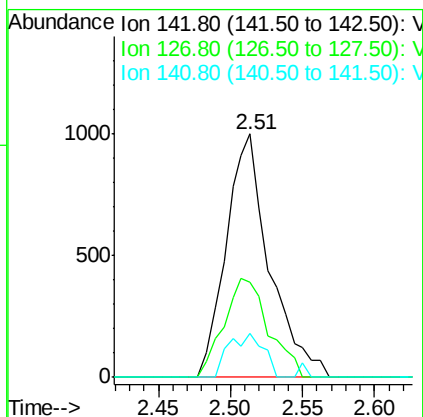
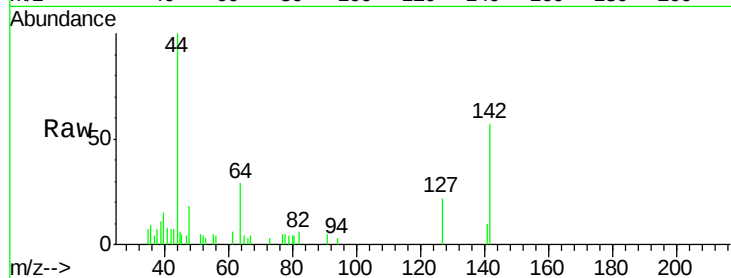




#10
Methvl Iodide
Concen: 6.84 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX003053.D
Acq: 30 Jun 2018 02:29

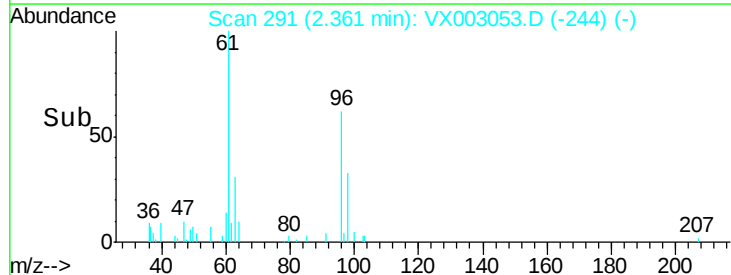
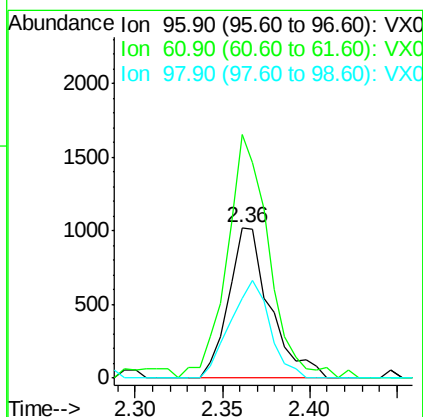
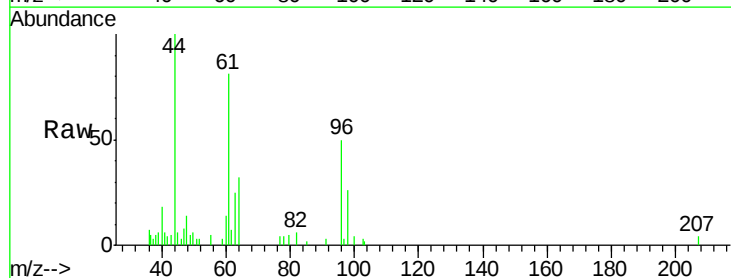
Instrument :
MSVOA_X
ClientSampled :

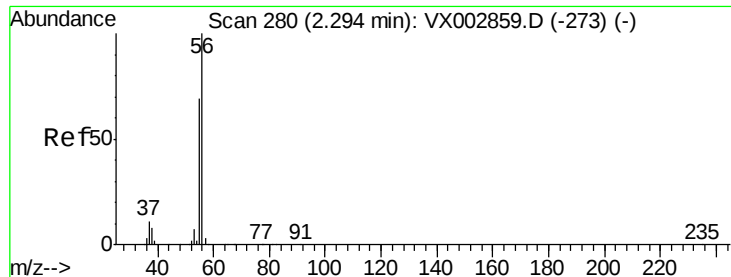
Tot Ion:142 Resp: 2091
Ion Ratio Lower Upper
142 100
127 42.0 36.6 55.0
141 14.3 11.3 16.9



#12
1,1-Dichloroethene
Concen: 0.64 ug/l
RT: 2.36 min Scan# 291
Delta R.T. -0.01 min
Lab File: VX003053.D
Acq: 30 Jun 2018 02:29

Tgt Ion: 96 Resp: 1682
Ion Ratio Lower Upper
96 100
61 161.5 137.9 206.9
98 52.6 51.6 77.4





#13

Acrolein

Concen: 4.43 ug/l

RT: 2.28 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

Instrument :

MSVOA_X

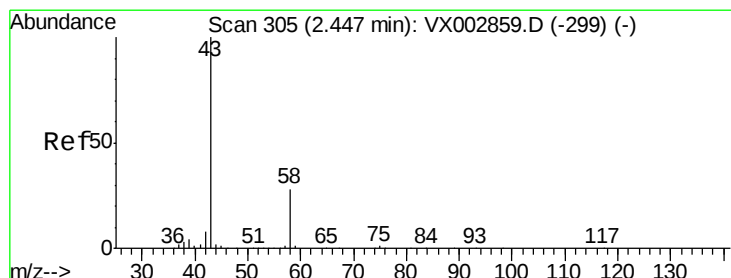
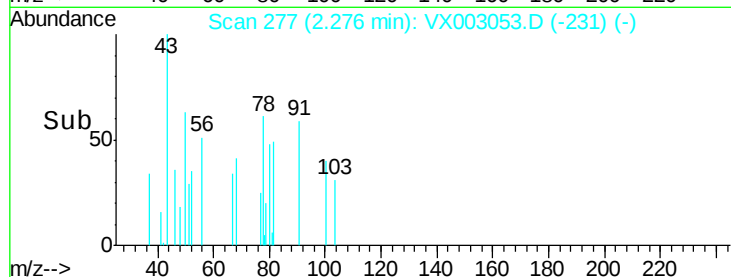
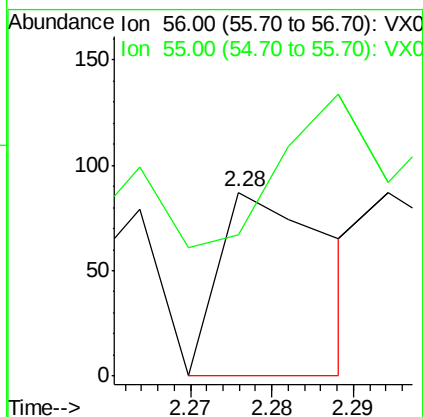
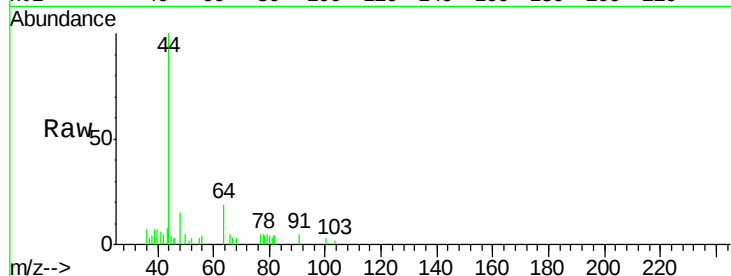
ClientSampleId :

Tot Ion: 56 Resp: 83

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#16

Acetone

Concen: 0.81 ug/l

RT: 2.46 min Scan# 308

Delta R.T. 0.02 min

Lab File: VX003053.D

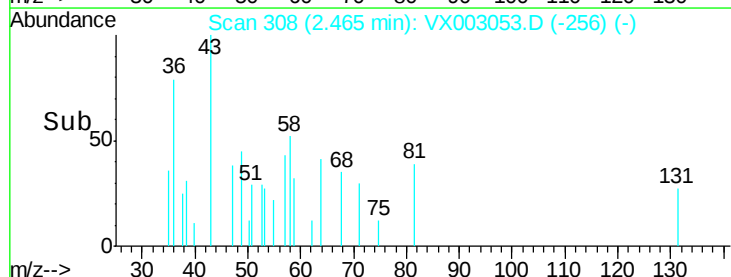
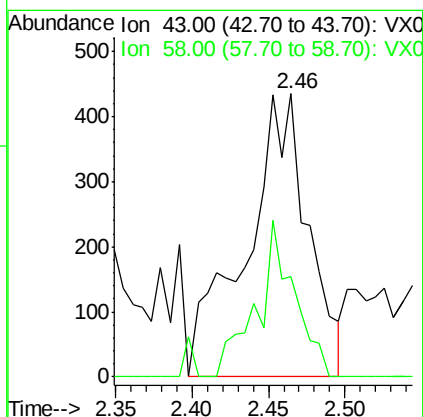
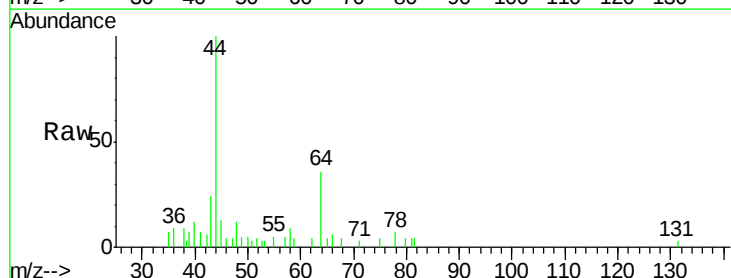
Acq: 30 Jun 2018 02:29

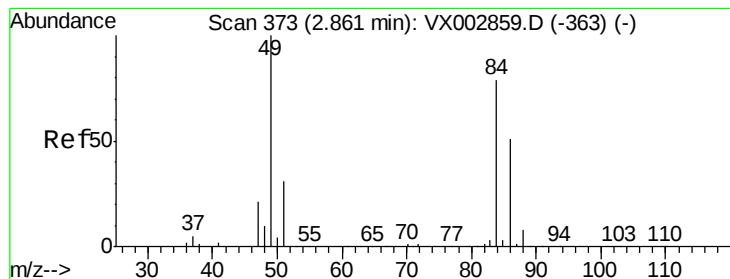
Tgt Ion: 43 Resp: 1235

Ion Ratio Lower Upper

43 100

58 35.4 22.1 33.1#





#20

Methvlene Chloride

Concen: 0.24 ug/l

RT: 2.86 min Scan# 372

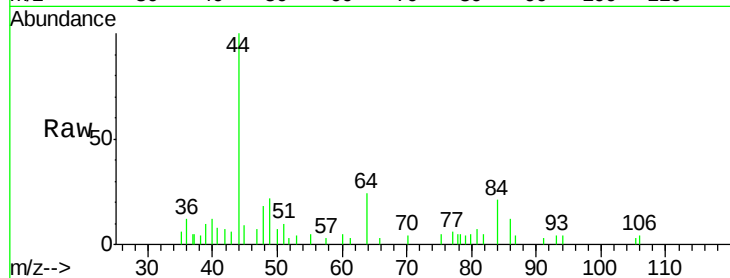
Delta R.T. -0.01 min

Lab File: VX003053.D

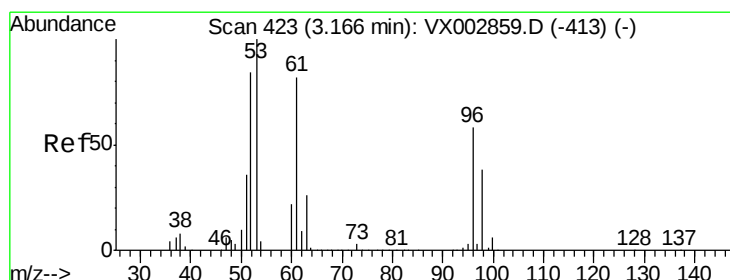
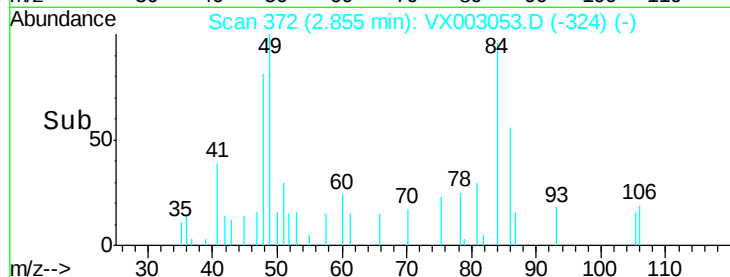
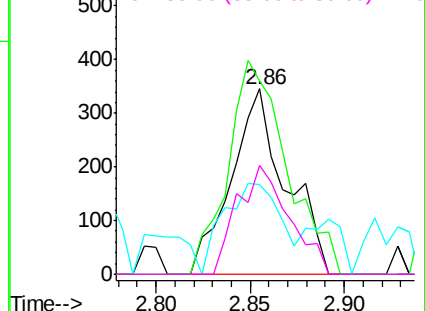
Acq: 30 Jun 2018 02:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	84	Resp:	697
Ion	Ratio	Lower	Upper
84	100		
49	104.6	107.8	161.6#
51	32.2	32.8	49.2#
86	58.8	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



#21

trans-1,2-Dichloroethene

Concen: 0.27 ug/l

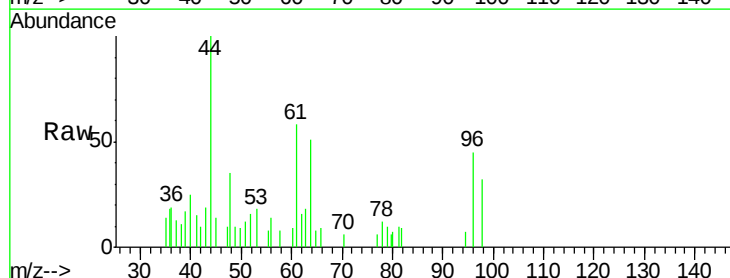
RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

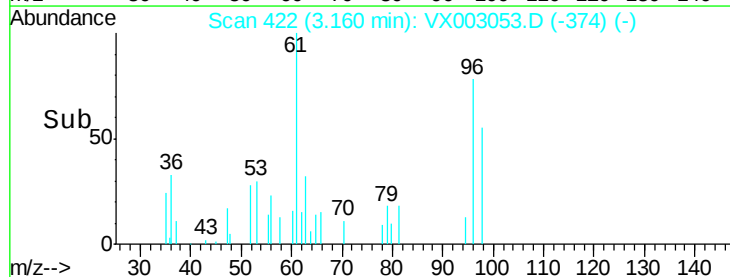
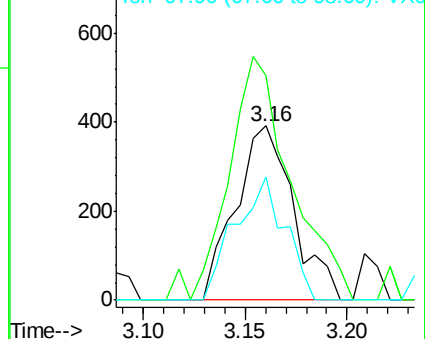
Lab File: VX003053.D

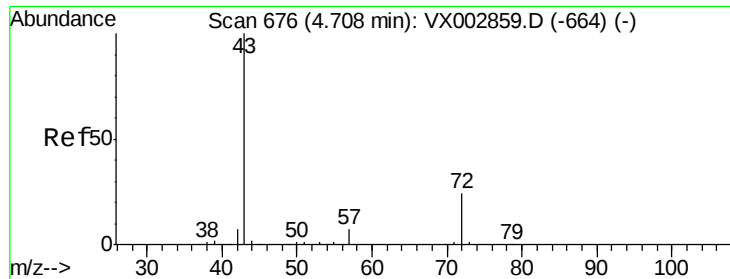
Acq: 30 Jun 2018 02:29

Tgt Ion:	96	Resp:	773
Ion	Ratio	Lower	Upper
96	100		
61	128.6	117.0	175.4
98	70.4	52.4	78.6



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





#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

Instrument :

MSVOA_X

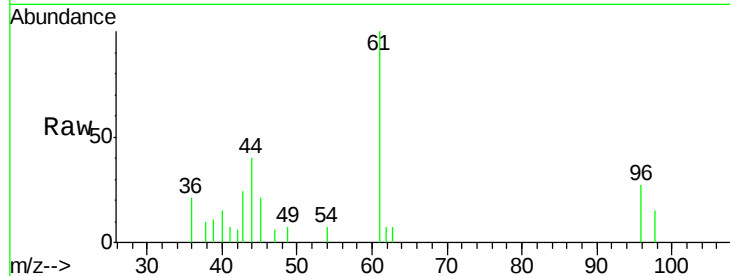
ClientSampled :

Tot Ion: 43 Resp: 489

Ion Ratio Lower Upper

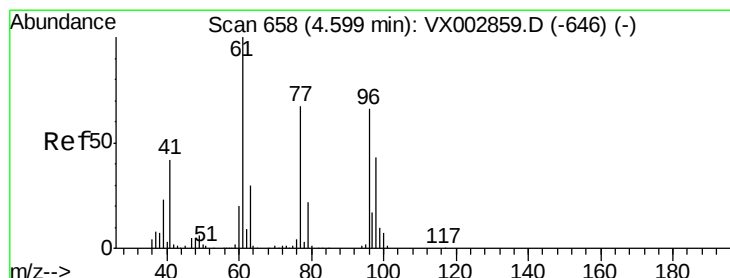
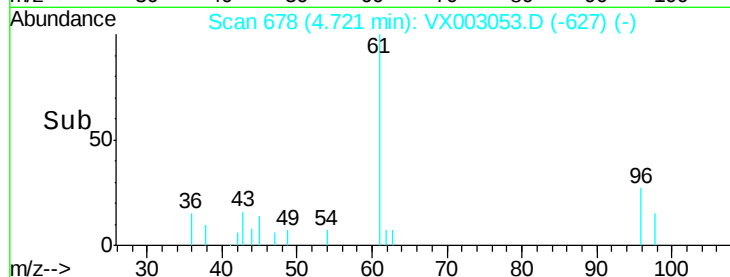
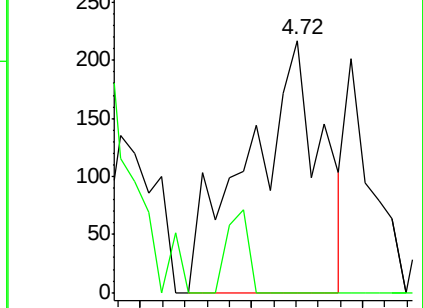
43 100

72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 115.47 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

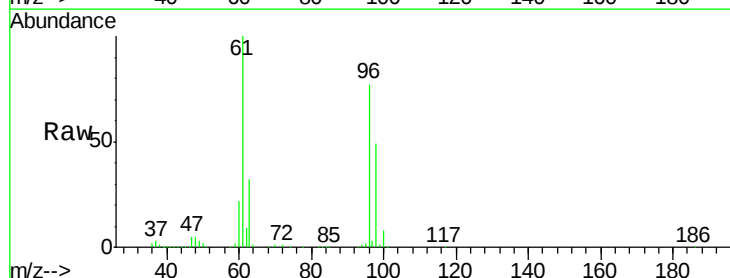
Tgt Ion: 96 Resp: 369356

Ion Ratio Lower Upper

96 100

61 131.8 0.0 330.2

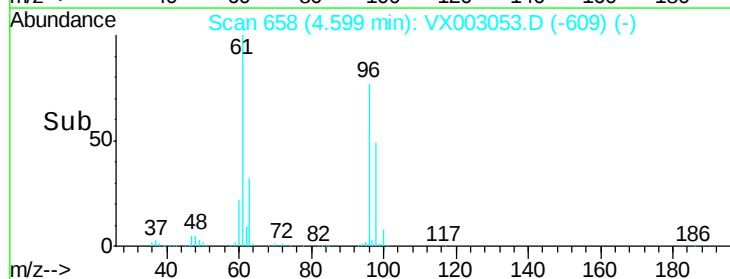
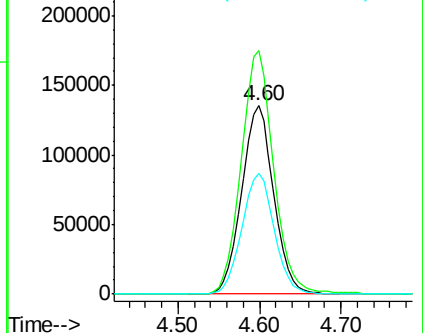
98 64.7 0.0 130.2

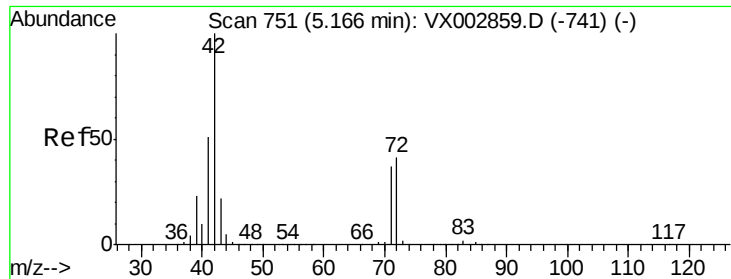


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

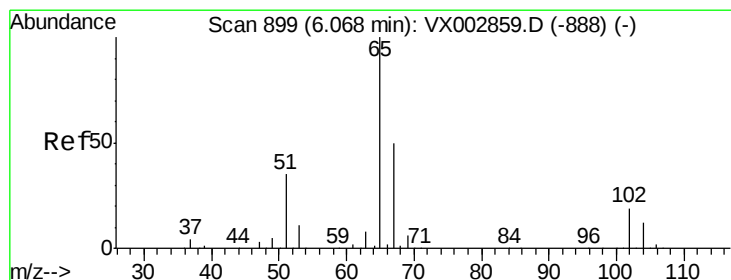
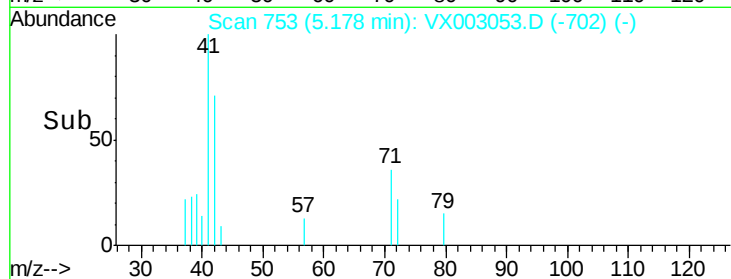
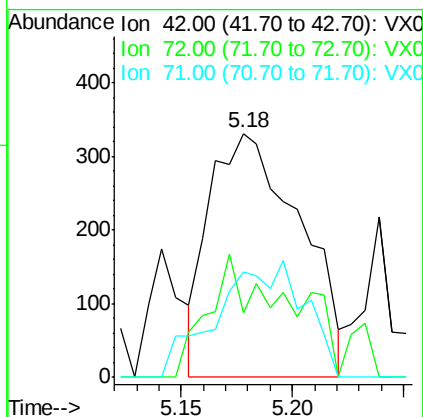
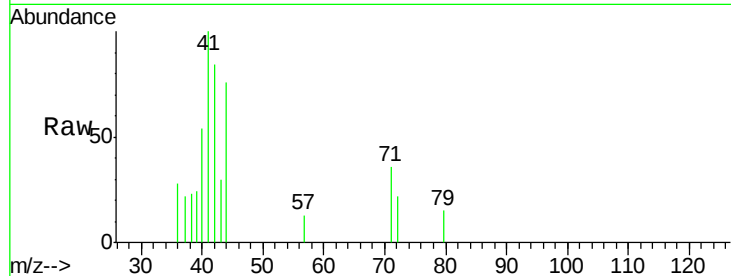




#29
Tetrahydrofuran
Concen: 0.65 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003053.D
Acq: 30 Jun 2018 02:29

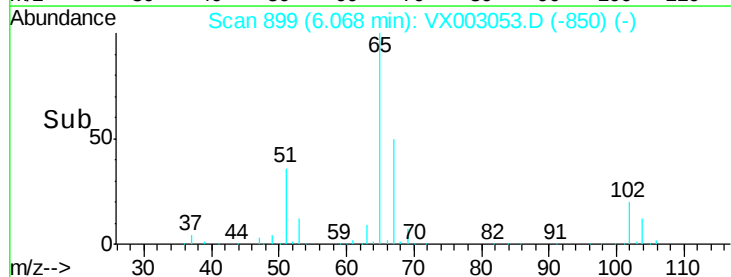
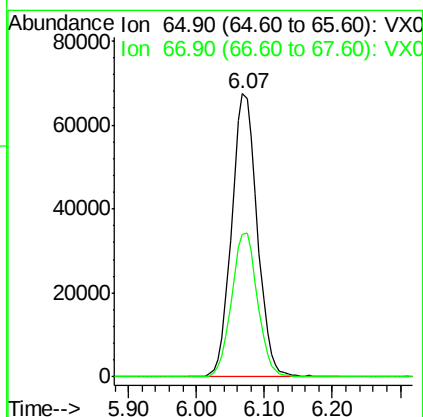
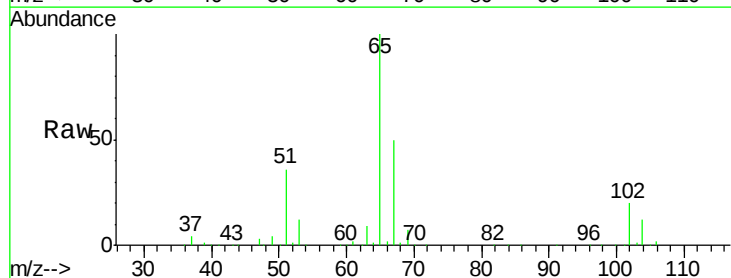
Instrument :
MSVOA_X
ClientSampleId :

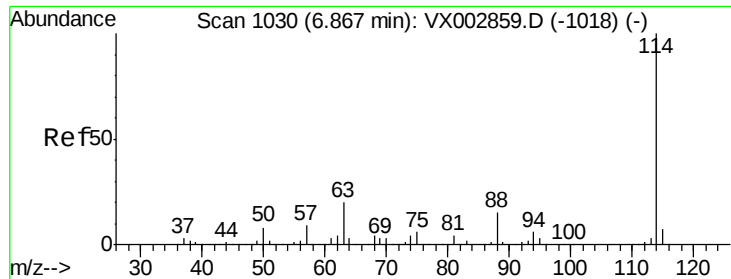
Tot Ion: 42 Resp: 937
Ion Ratio Lower Upper
42 100
72 44.4 32.0 48.0
71 0.0 30.1 45.1#



#33
1,2-Dichloroethane-d4
Concen: 48.01 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003053.D
Acq: 30 Jun 2018 02:29

Tgt Ion: 65 Resp: 176235
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6

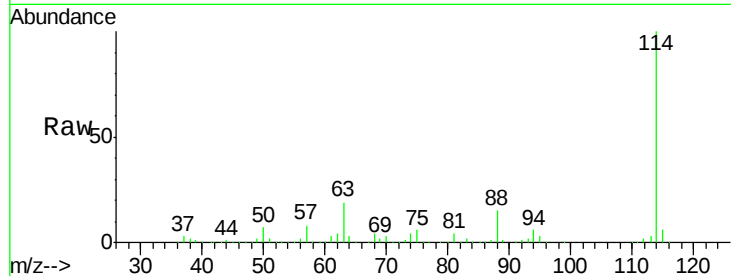




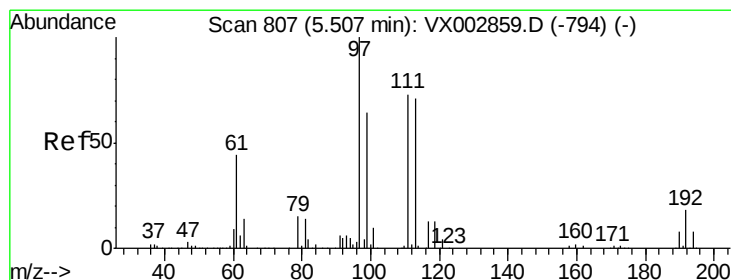
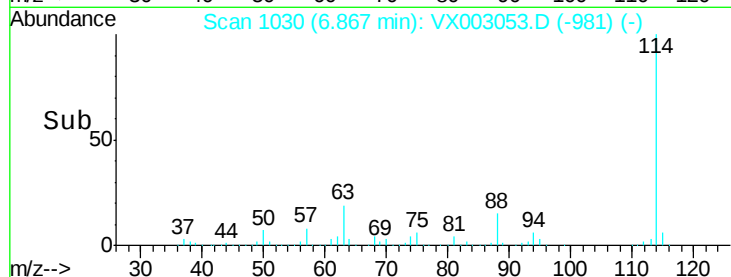
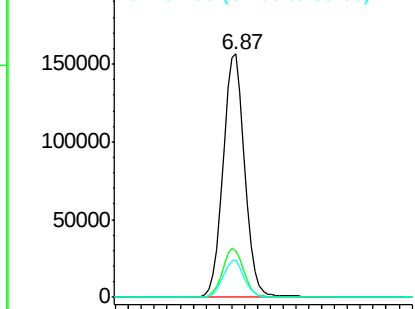
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003053.D
 Acq: 30 Jun 2018 02:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 371409
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.3 0.0 30.0

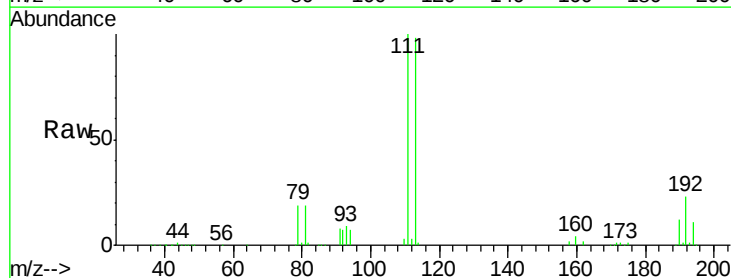


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

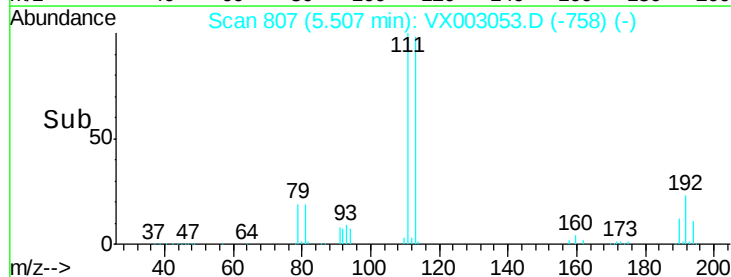
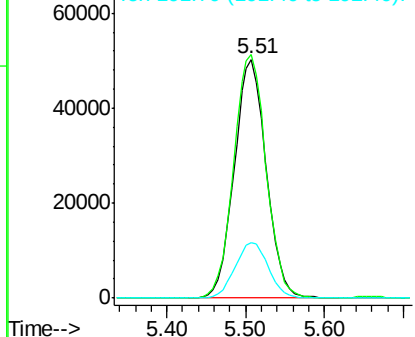


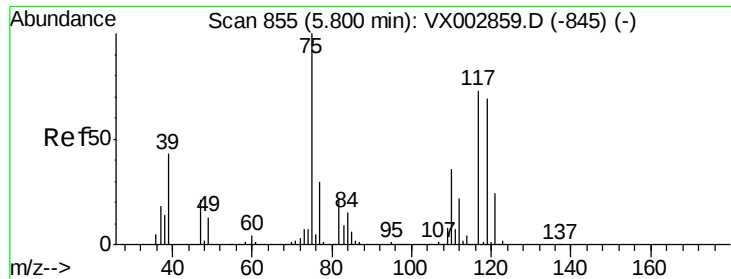
#35
 Dibromofluoromethane
 Concen: 48.18 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003053.D
 Acq: 30 Jun 2018 02:29

Tgt Ion:113 Resp: 141698
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 24.3 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

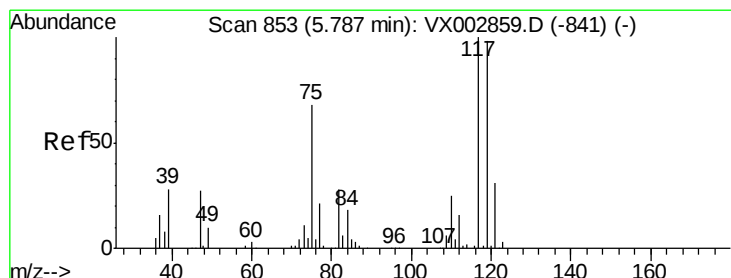
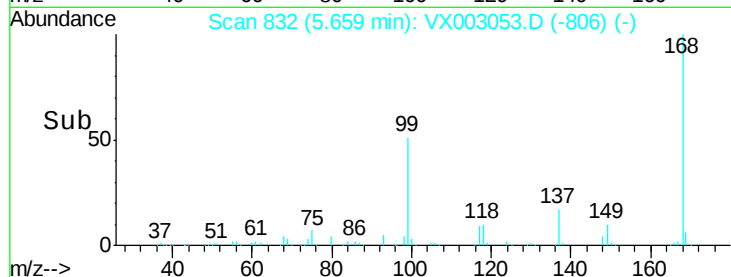
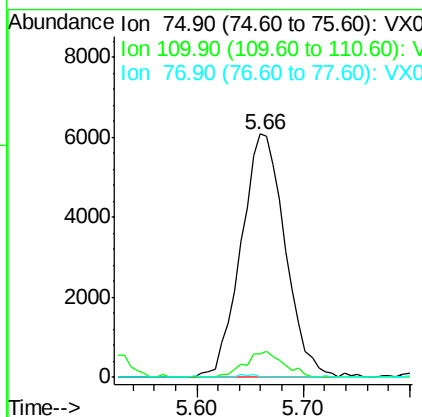
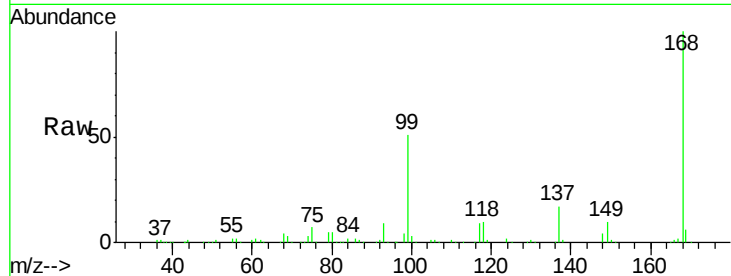




#36
 1,1-Dichloropropene
 Concen: 4.34 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003053.D
 Acq: 30 Jun 2018 02:29

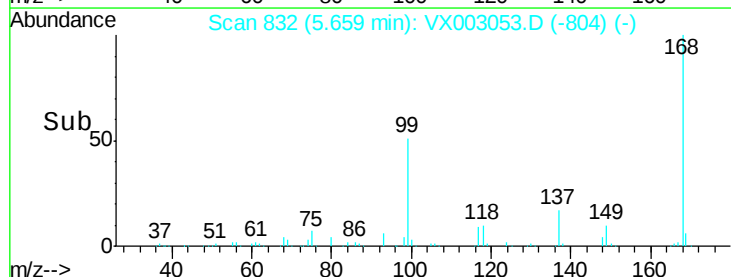
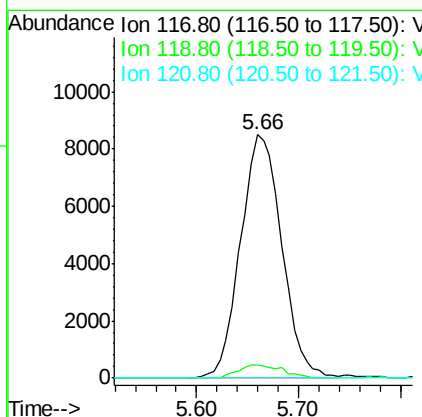
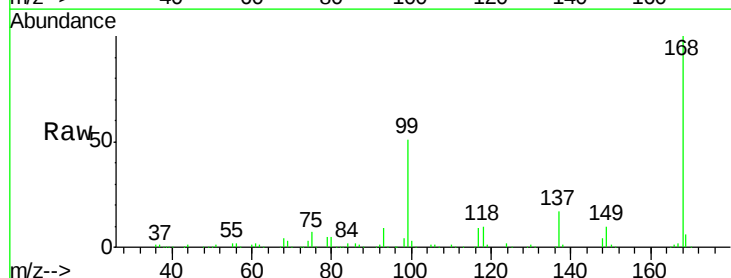
Instrument :
 MSVOA_X
 ClientSampled :

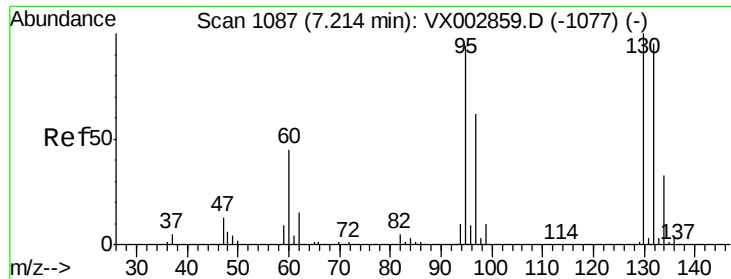
Tot Ion: 75 Resp: 17665
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.1 54.4#
 77 0.4 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.35 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX003053.D
 Acq: 30 Jun 2018 02:29

Tgt Ion: 117 Resp: 23894
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.4 116.0#
 121 0.0 24.4 36.6#

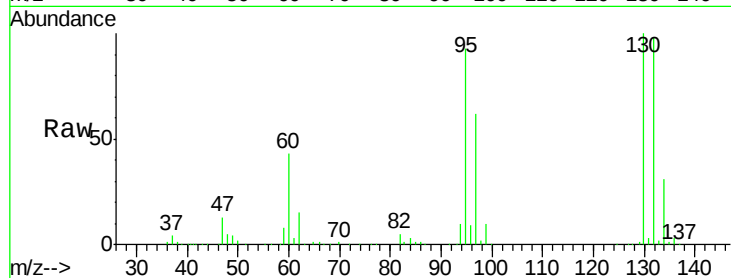




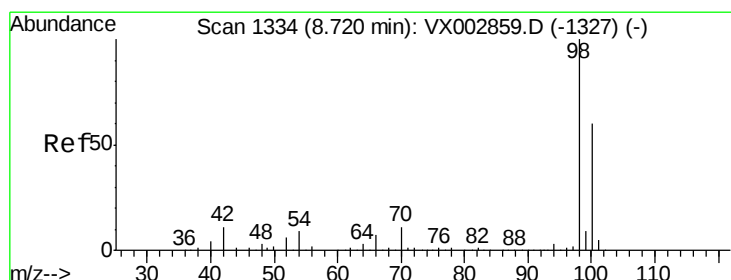
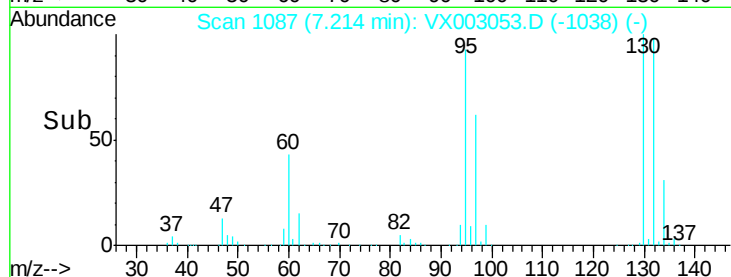
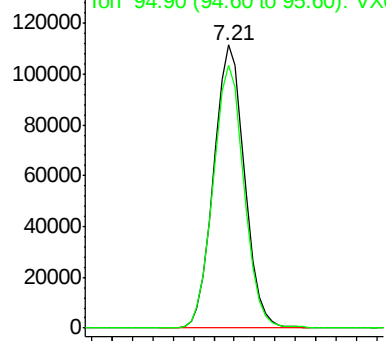
#44
 Trichloroethene
 Concen: 66.62 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003053.D
 Acq: 30 Jun 2018 02:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 235046
 Ion Ratio Lower Upper
 130 100
 95 93.0 0.0 185.4

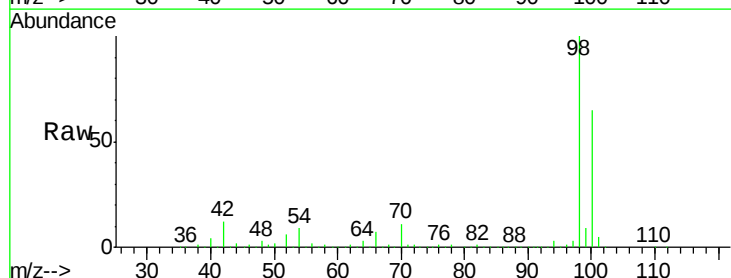


Abundance Ion 129.80 (129.50 to 130.50): V

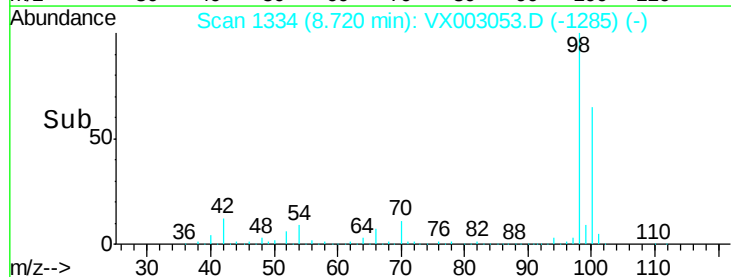
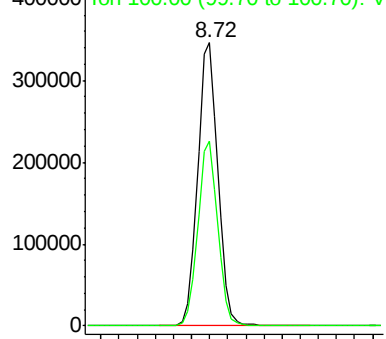


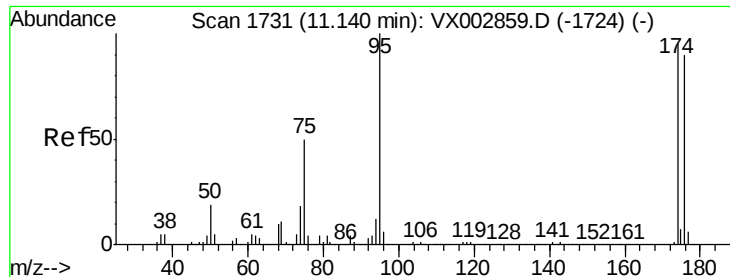
#50
 Toluene-d8
 Concen: 50.61 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003053.D
 Acq: 30 Jun 2018 02:29

Tgt Ion: 98 Resp: 543594
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

Instrument :

MSVOA_X

ClientSampled :

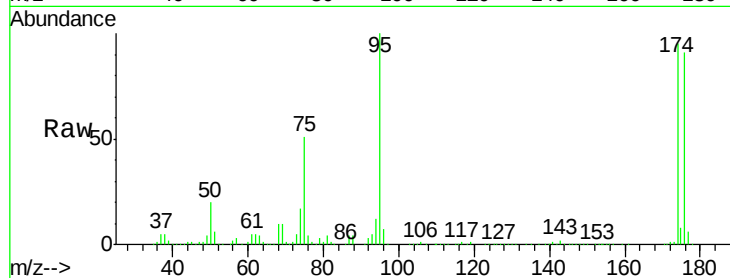
Tot Ion: 95 Resp: 196266

Ion Ratio Lower Upper

95 100

174 99.1 0.0 187.4

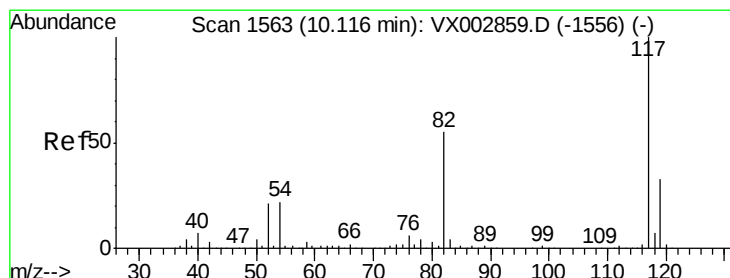
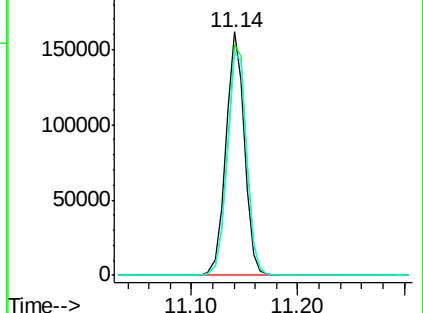
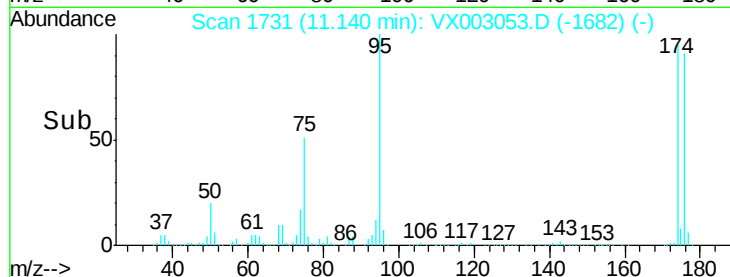
176 95.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003053.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003053.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003053.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

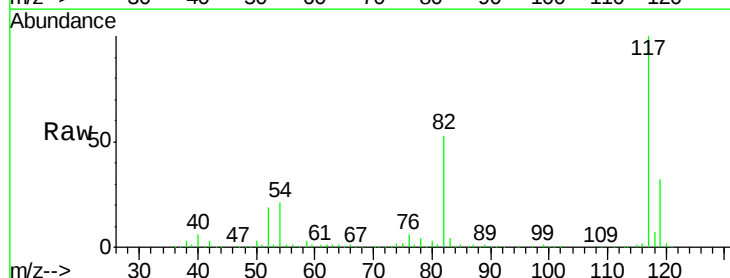
Tgt Ion: 117 Resp: 363727

Ion Ratio Lower Upper

117 100

82 52.8 45.0 67.4

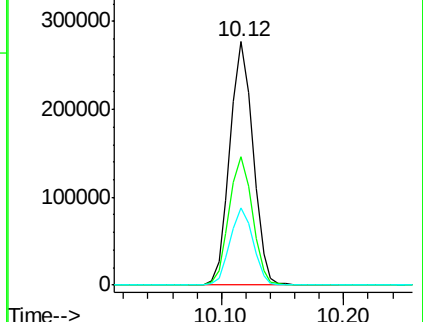
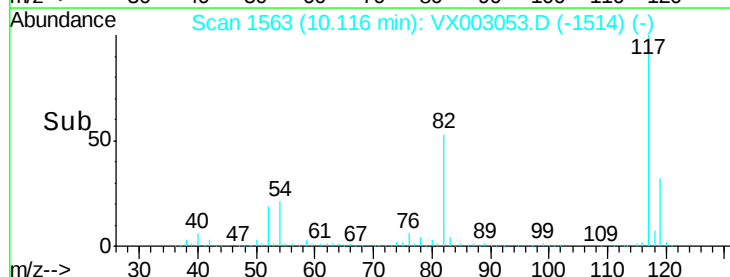
119 31.6 25.8 38.6

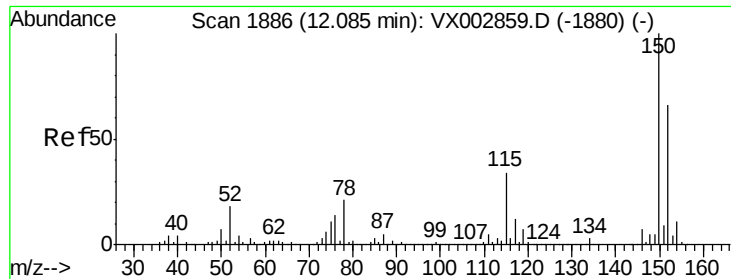


Abundance Ion 116.90 (116.60 to 117.60): VX003053.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003053.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003053.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

Instrument :

MSVOA_X

ClientSampleId :

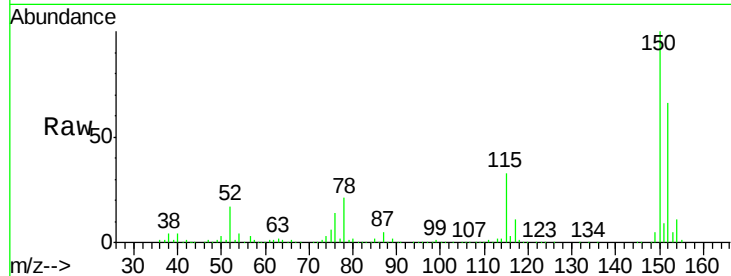
Tot Ion:152 Resp: 213318

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

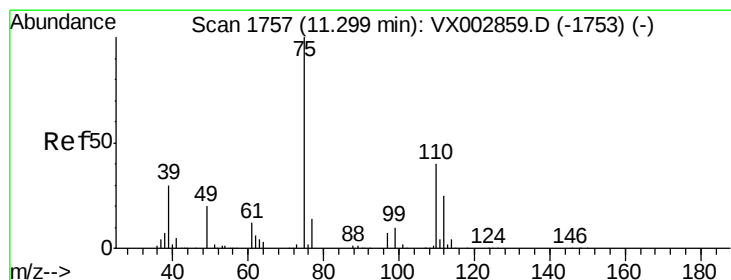
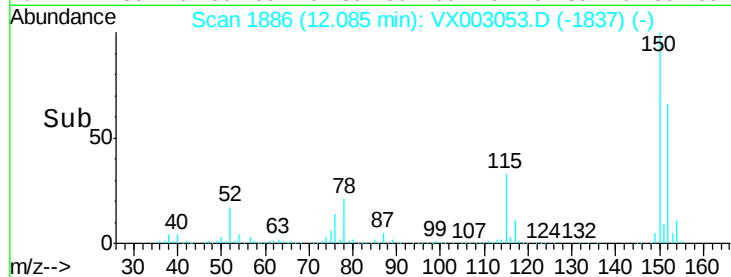
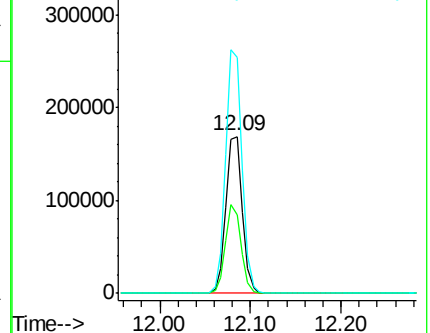
150 154.8 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 25.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003053.D

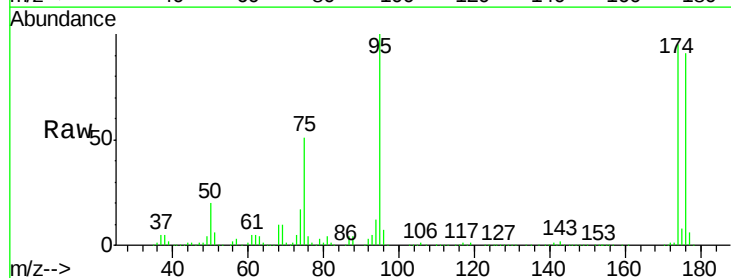
Acq: 30 Jun 2018 02:29

Tgt Ion: 75 Resp: 99960

Ion Ratio Lower Upper

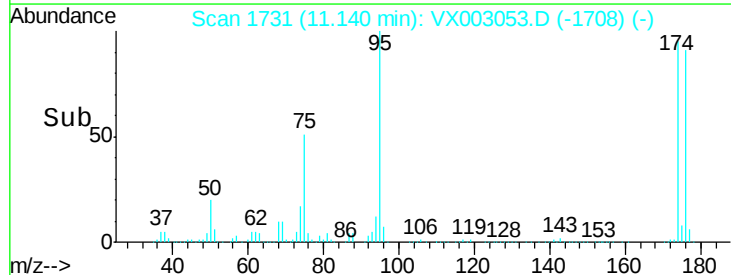
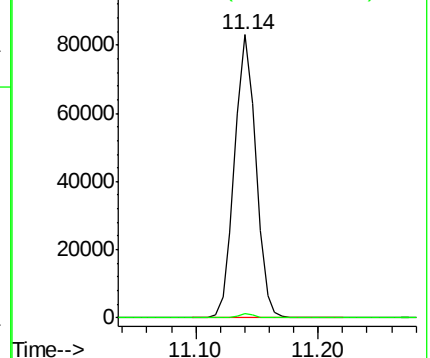
75 100

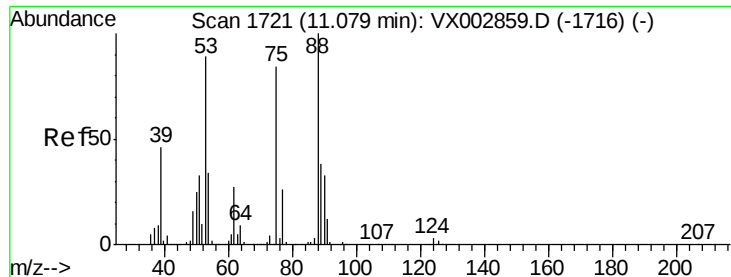
77 1.4 22.8 68.3#



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: 73.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

Instrument :

MSVOA_X

ClientSampled :

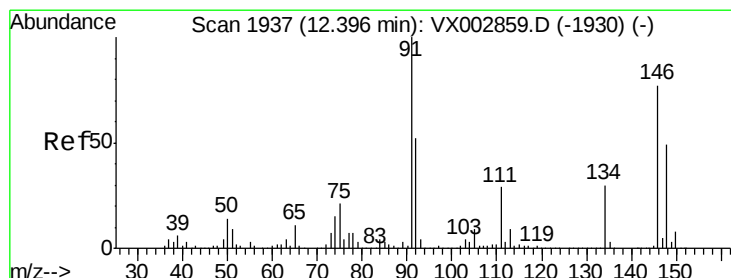
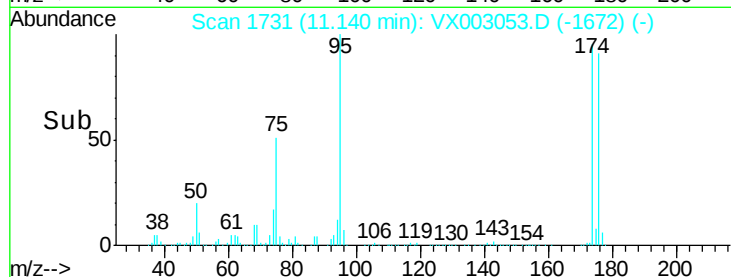
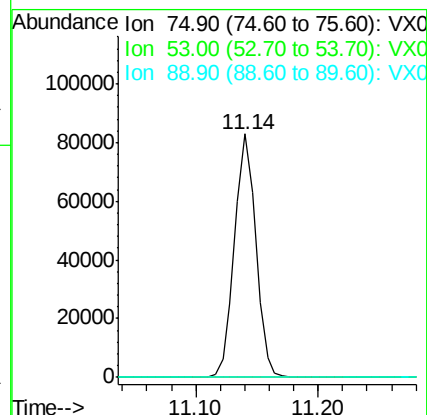
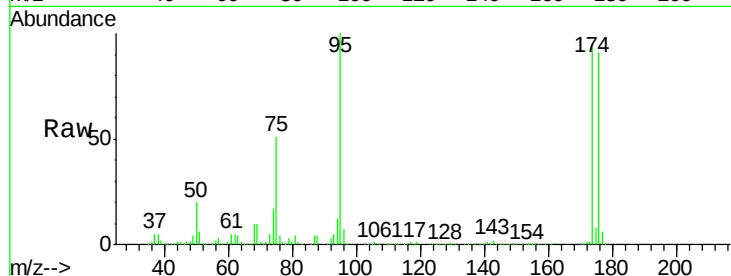
Tot Ion: 75 Resp: 99960

Ion Ratio Lower Upper

75 100

53 0.3 86.8 130.2#

89 0.0 38.2 57.2#



#91

1,2-Dichlorobenzene

Concen: 0.27 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003053.D

Acq: 30 Jun 2018 02:29

Tgt Ion: 146 Resp: 2023

Ion Ratio Lower Upper

146 100

111 37.4 19.4 58.1

148 62.0 31.7 95.1

