

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000953.D
 Acq On : 17 Apr 2018 06:41
 Operator : JC/MD
 Sample : J2349-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 07:57:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

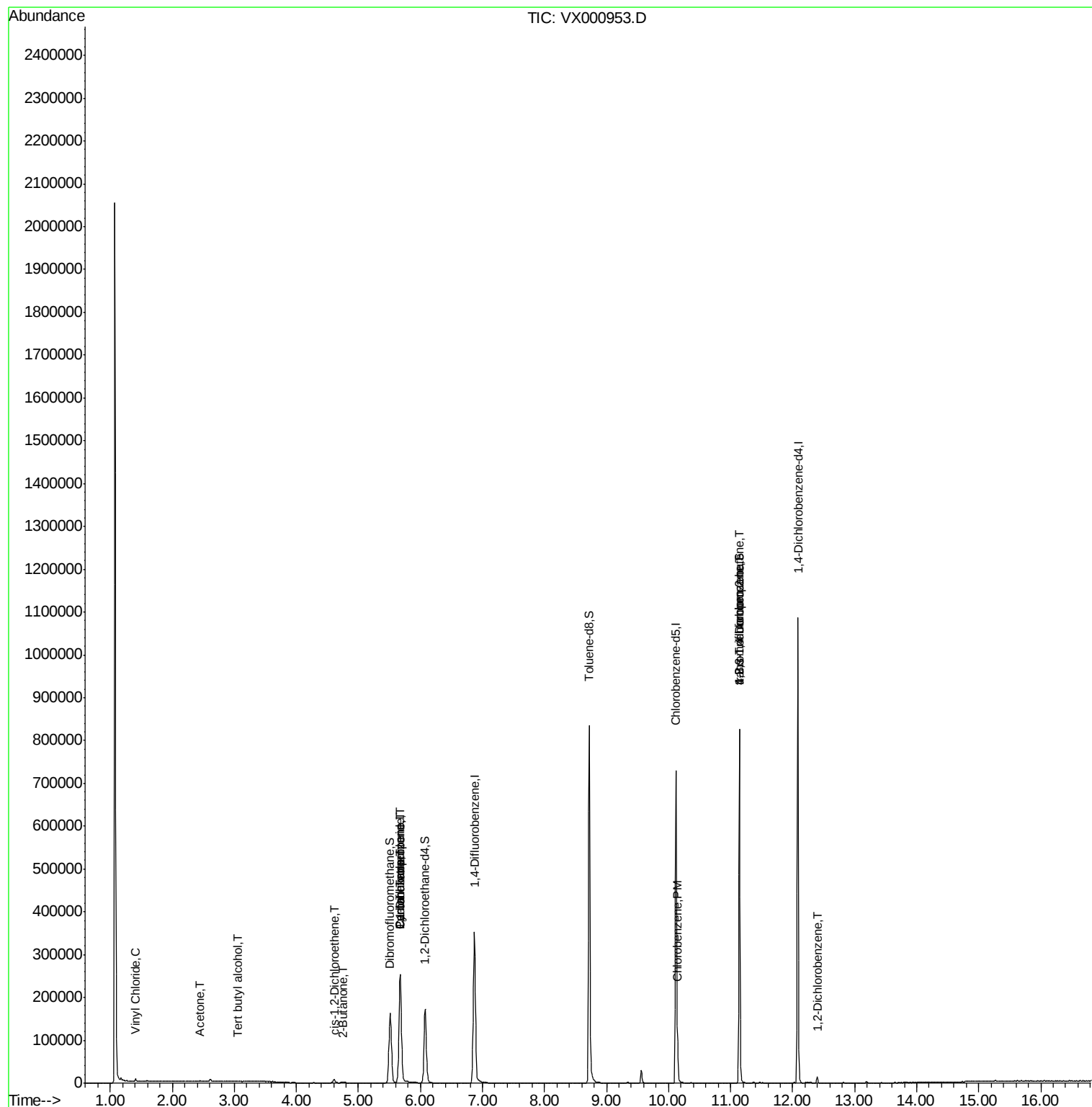
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	236279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	169545	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	5.51	113	135017	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	8.72	98	527431	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.14	95	209026	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	3344	1.135	ug/l	91
5) Bromomethane	1.66	94	222	Below Cal	#	69
11) Tert butyl alcohol	3.06	59	304	0.502	ug/l #	93
16) Acetone	2.45	43	1026	0.872	ug/l	91
25) 2-Butanone	4.74	43	551	0.284	ug/l #	50
27) cis-1,2-Dichloroethene	4.61	96	4618	1.486	ug/l	91
31) Cyclohexane	5.67	56	4348	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17138	4.120	ug/l #	48
38) Carbon Tetrachloride	5.67	117	23224	4.988	ug/l #	16
65) Chlorobenzene	10.15	112	35441	3.944	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	102533	25.162	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	102533	69.216	ug/l #	11
91) 1,2-Dichlorobenzene	12.40	146	4780	0.609	ug/l	96

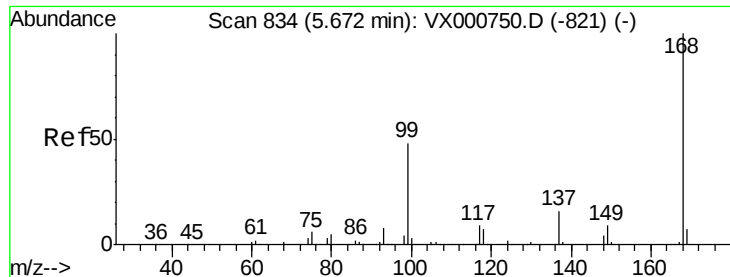
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000953.D

Acq: 17 Apr 2018 06:41

Instrument :

MSVOA_X

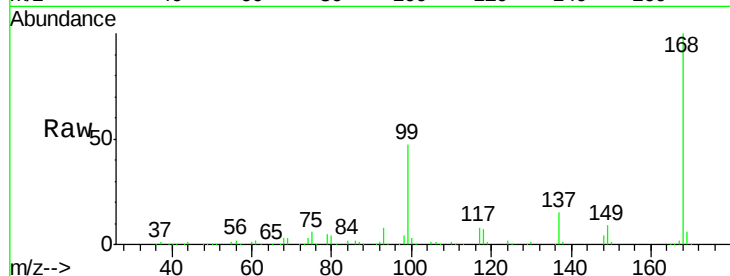
ClientSampled :

Tot Ion:168 Resp: 270621

Ion Ratio Lower Upper

168 100

99 46.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

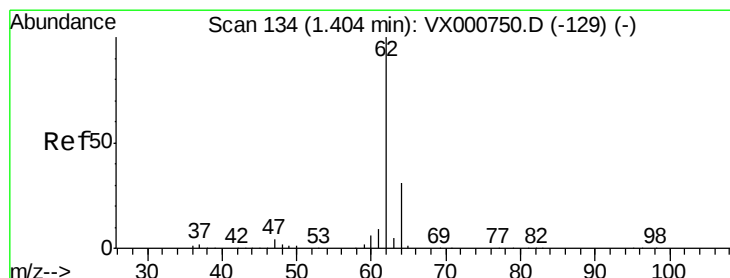
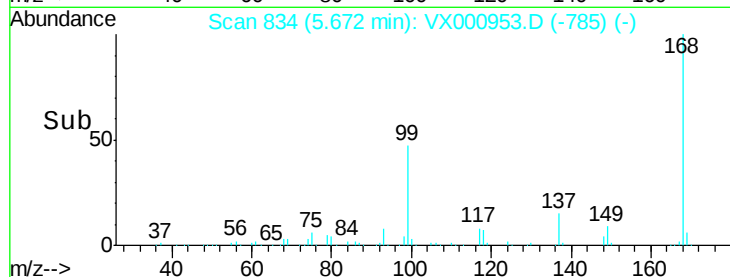
40000

20000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.135 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000953.D

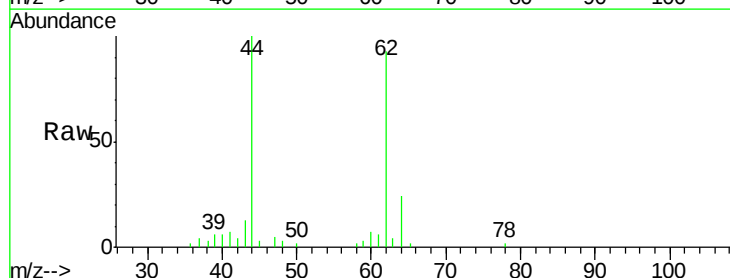
Acq: 17 Apr 2018 06:41

Tgt Ion: 62 Resp: 3344

Ion Ratio Lower Upper

62 100

64 26.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

3000

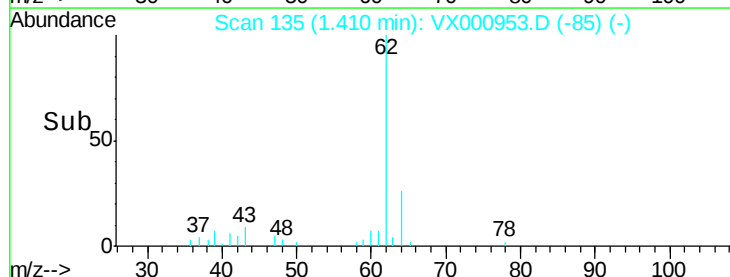
2000

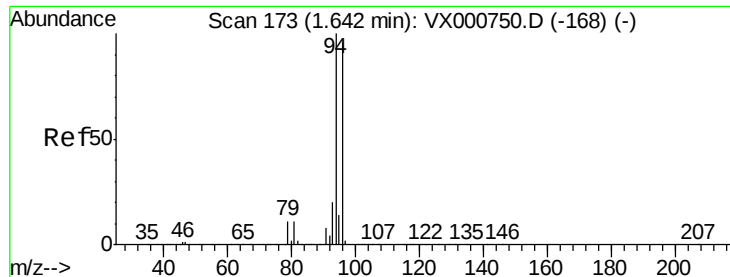
1000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000953.D

Acq: 17 Apr 2018 06:41

Instrument :

MSVOA_X

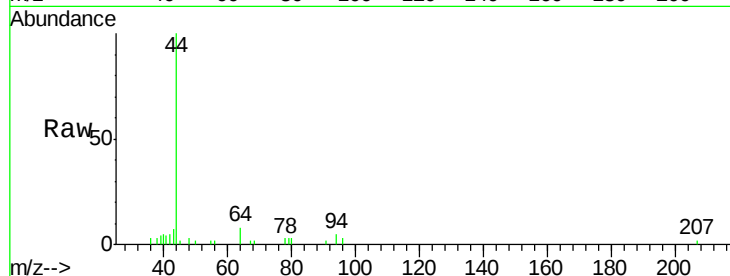
ClientSampled :

Tot Ion: 94 Resp: 222

Ion Ratio Lower Upper

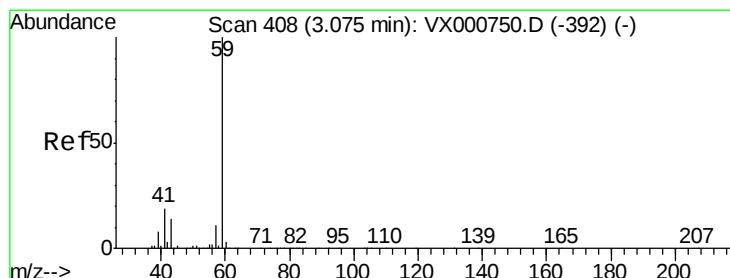
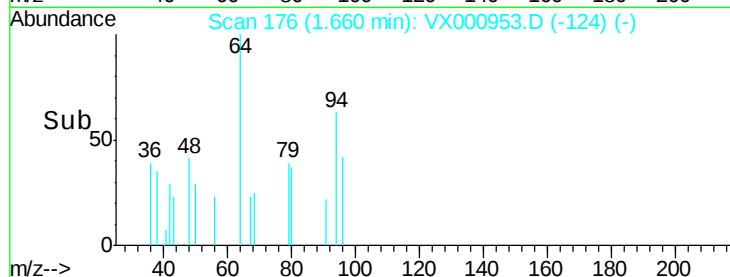
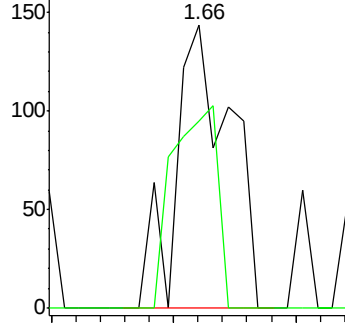
94 100

96 66.0 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 0.502 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VX000953.D

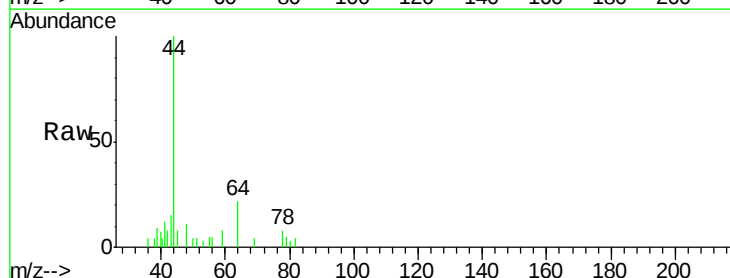
Acq: 17 Apr 2018 06:41

Tgt Ion: 59 Resp: 304

Ion Ratio Lower Upper

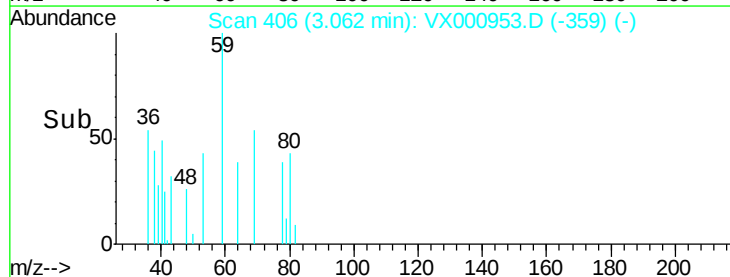
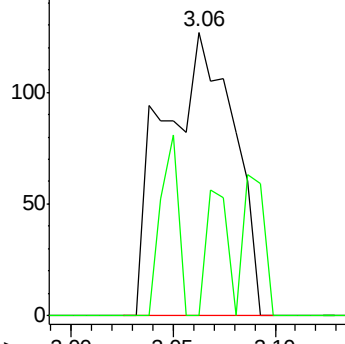
59 100

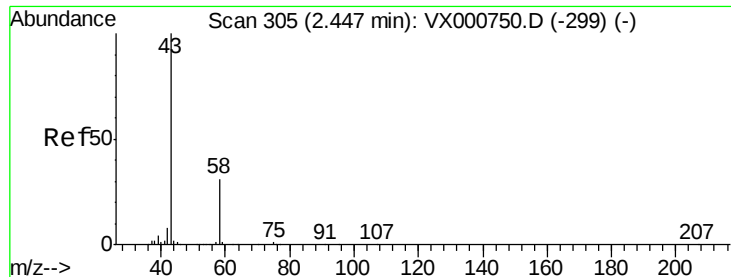
57 13.2 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 0.872 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000953.D

Acq: 17 Apr 2018 06:41

Instrument :

MSVOA_X

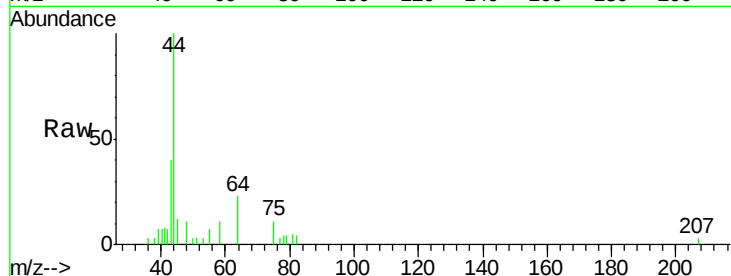
ClientSampleId :

Tot Ion: 43 Resp: 1026

Ion Ratio Lower Upper

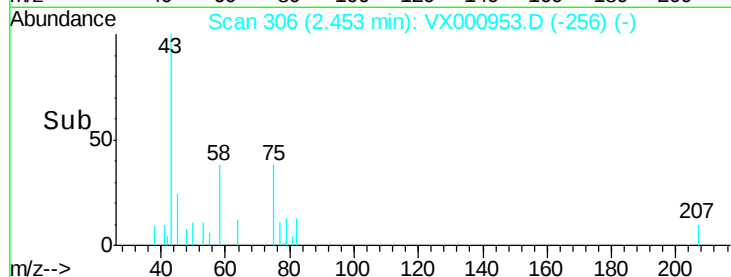
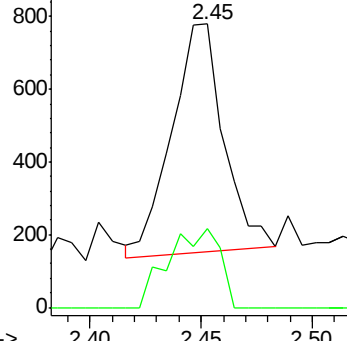
43 100

58 35.6 24.6 37.0

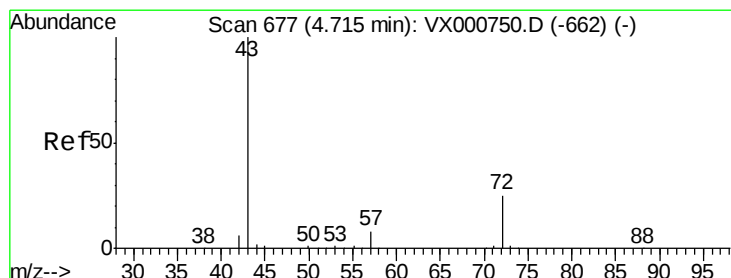


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#25

2-Butanone

Concen: 0.284 ug/l

RT: 4.74 min Scan# 682

Delta R.T. 0.03 min

Lab File: VX000953.D

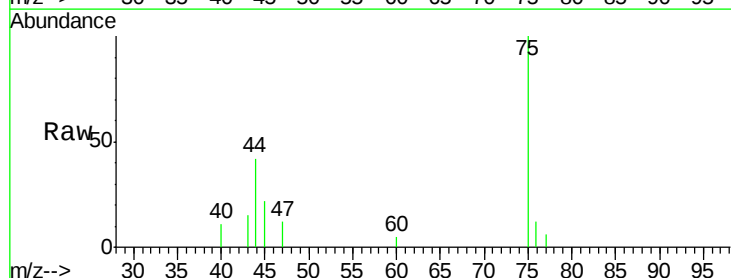
Acq: 17 Apr 2018 06:41

Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

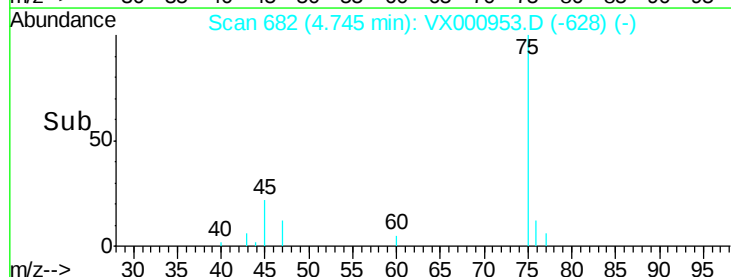
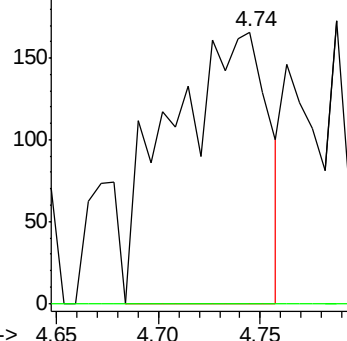
43 100

72 0.0 20.3 30.5#

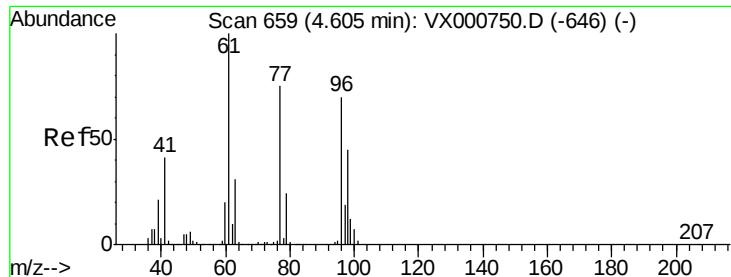


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->

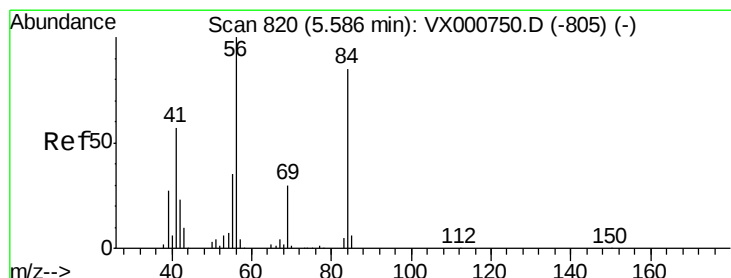
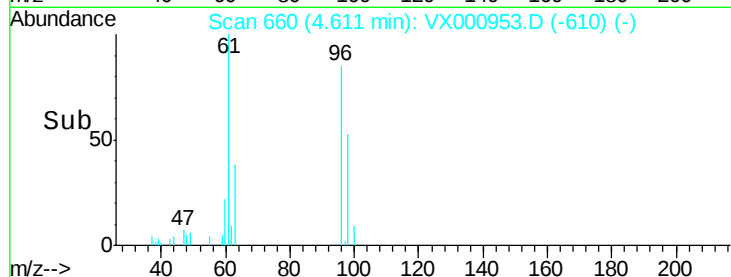
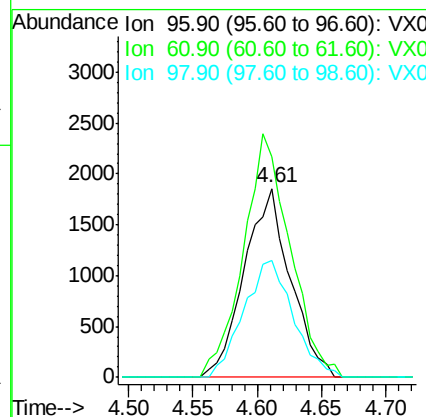
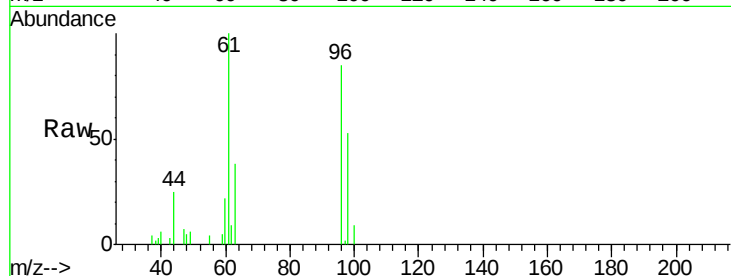


#27

cis-1,2-Dichloroethene
 Concen: 1.486 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

Instrument :
 MSVOA_X
 ClientSampleId :

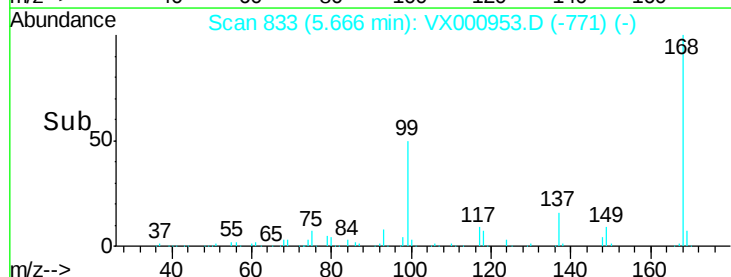
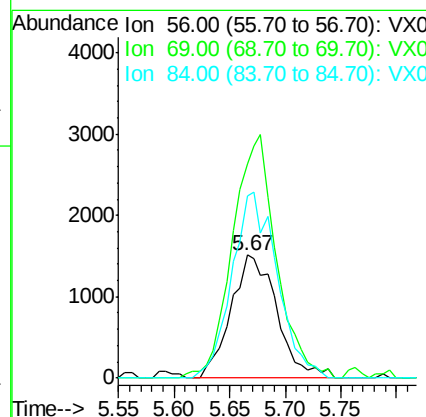
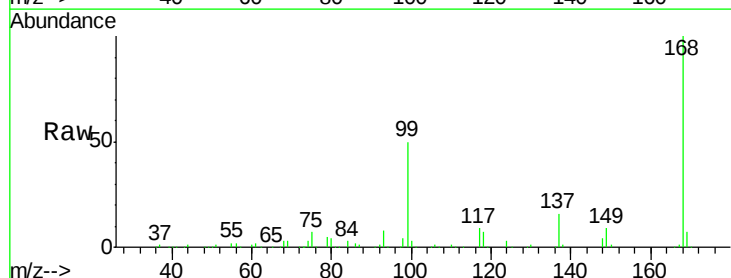
Tot Ion: 96 Resp: 4618
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 292.4
 98 66.3 0.0 130.2

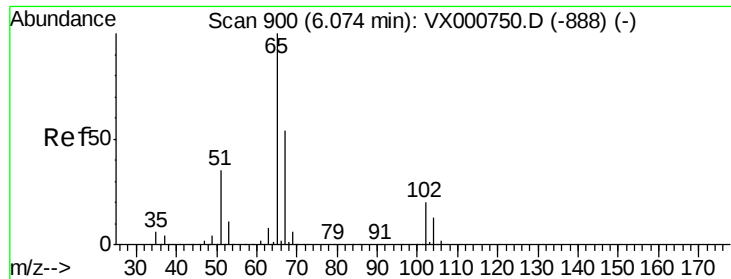


#31

Cyclohexane
 Concen: 0.967 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. 0.08 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

Tgt Ion: 56 Resp: 4348
 Ion Ratio Lower Upper
 56 100
 69 174.1 24.2 36.4#
 84 148.3 67.6 101.4#

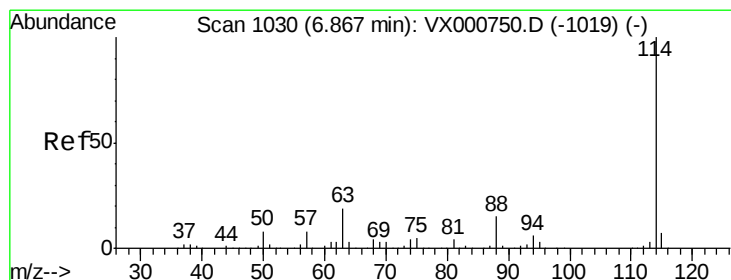
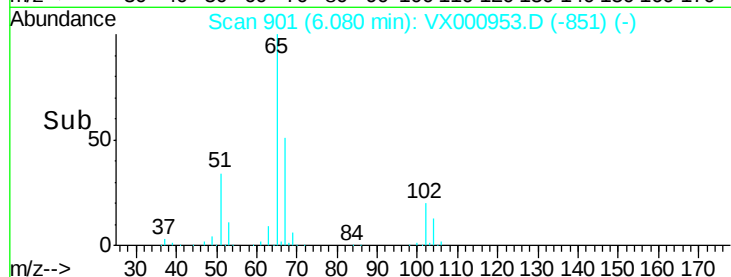
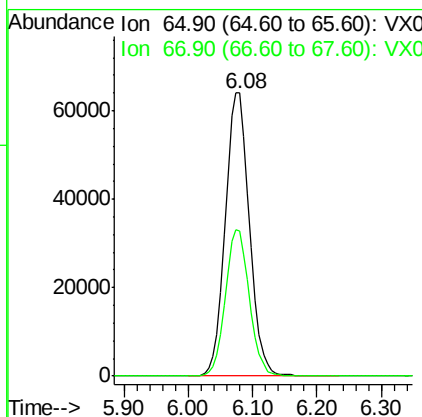
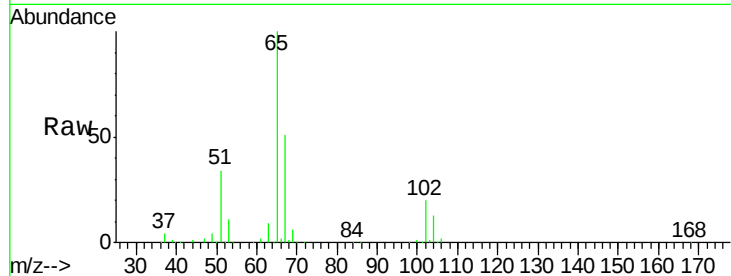




#33
 1,2-Dichloroethane-d4
 Concen: 49.687 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

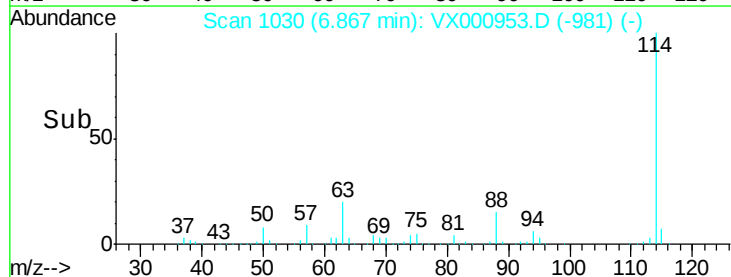
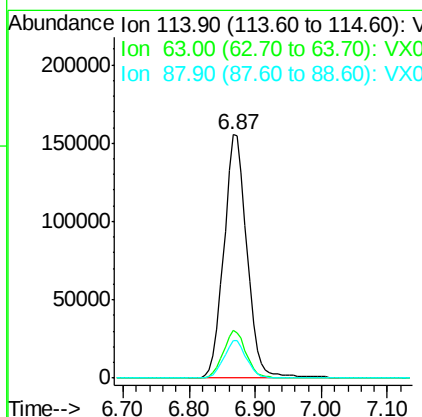
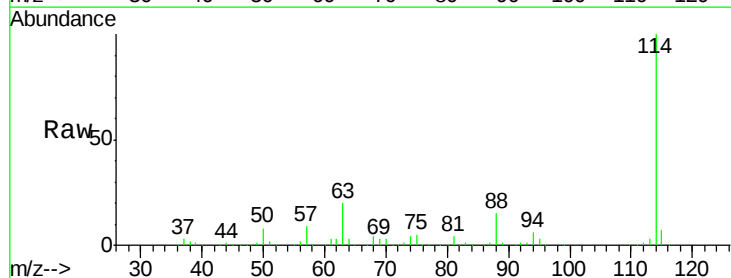
Instrument :
 MSVOA_X
 ClientSampleId :

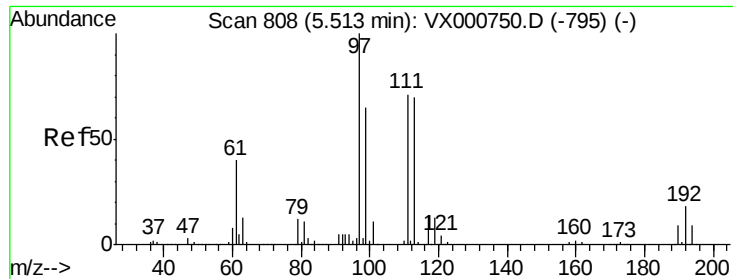
Tot Ion: 65 Resp: 169545
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

Tgt Ion: 114 Resp: 377732
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 15.4 0.0 31.0

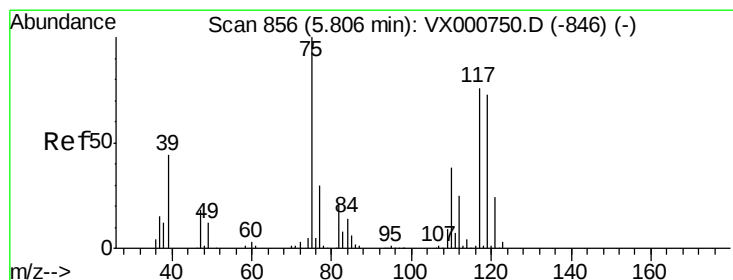
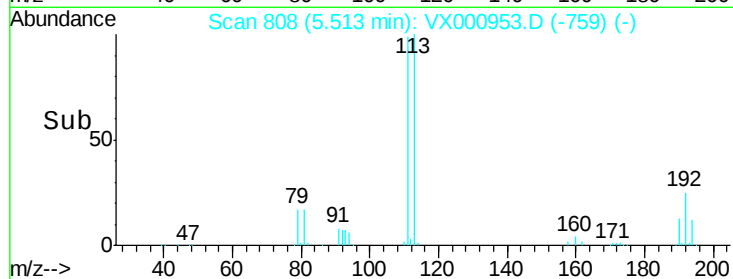
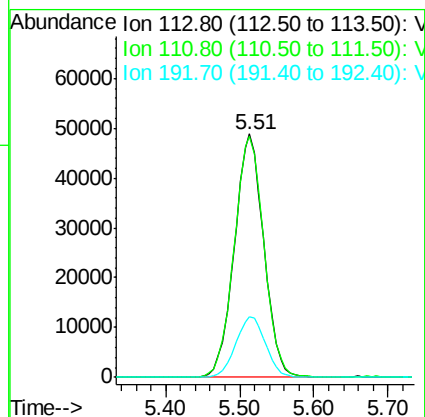
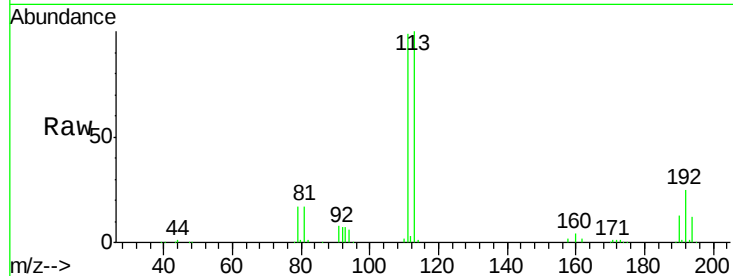




#35
 Dibromofluoromethane
 Concen: 46.394 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

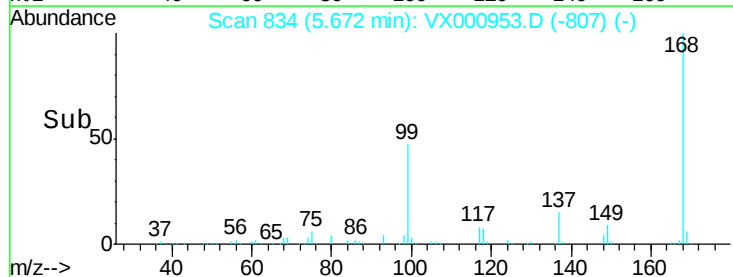
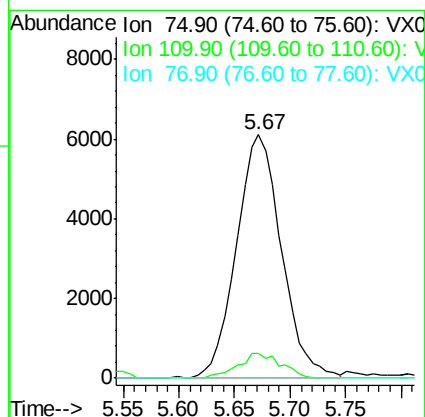
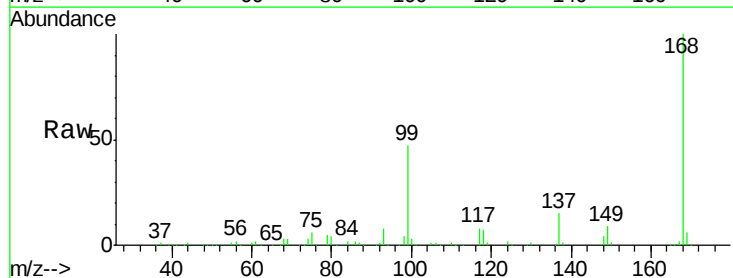
Instrument :
 MSVOA_X
 ClientSampleId :

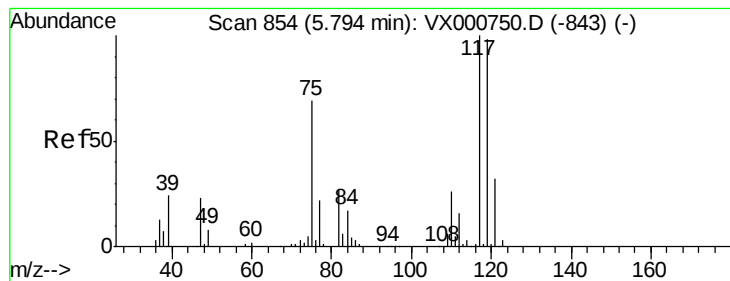
Tot Ion:113 Resp: 135017
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.5 122.3
 192 25.3 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 4.120 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

Tgt Ion: 75 Resp: 17138
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.2 57.6#
 77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 4.988 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000953.D

Acq: 17 Apr 2018 06:41

Instrument :

MSVOA_X

ClientSampleId :

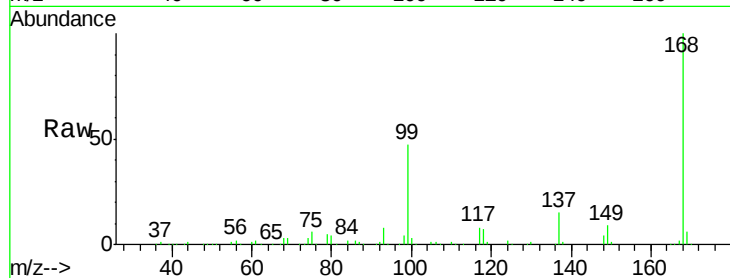
Tot Ion:117 Resp: 23224

Ion Ratio Lower Upper

117 100

119 6.5 78.4 117.6#

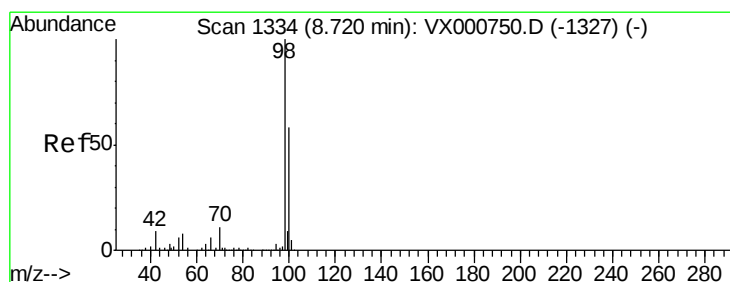
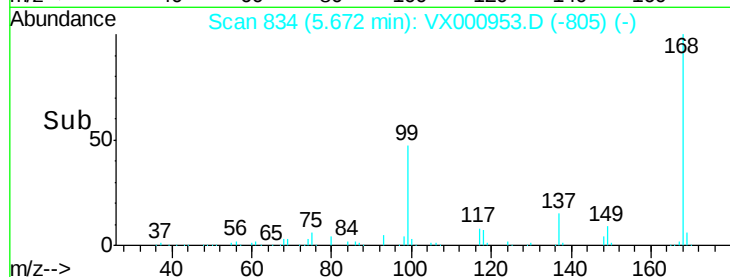
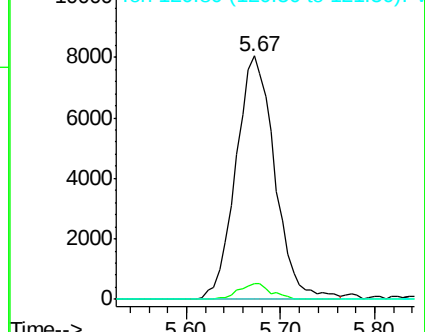
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.675 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000953.D

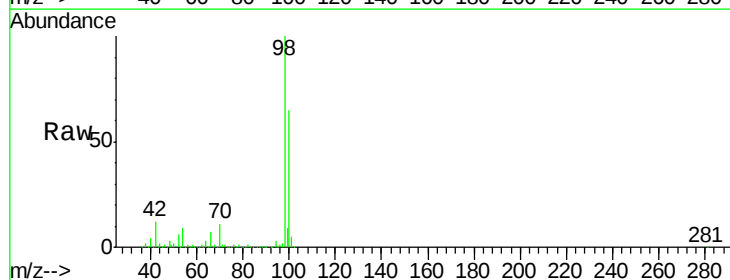
Acq: 17 Apr 2018 06:41

Tgt Ion: 98 Resp: 527431

Ion Ratio Lower Upper

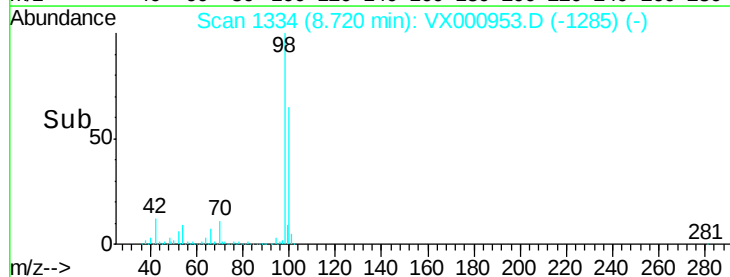
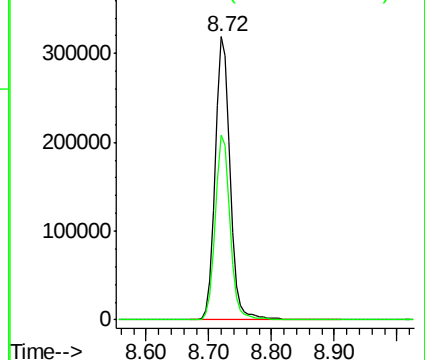
98 100

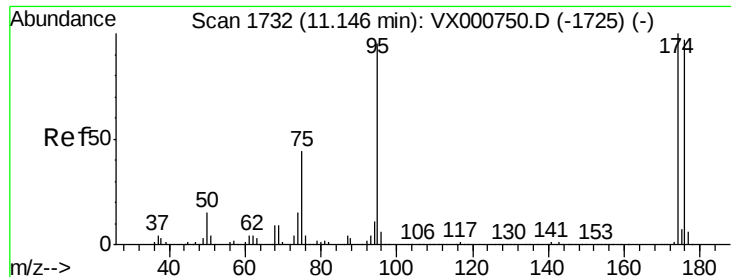
100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

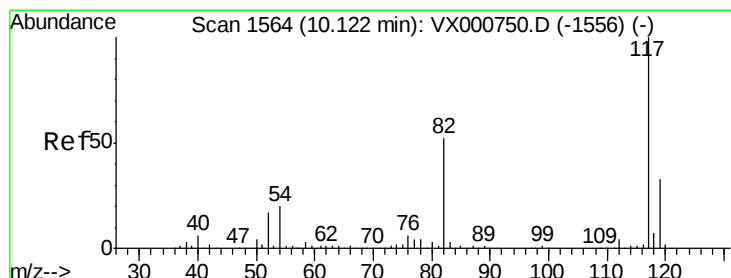
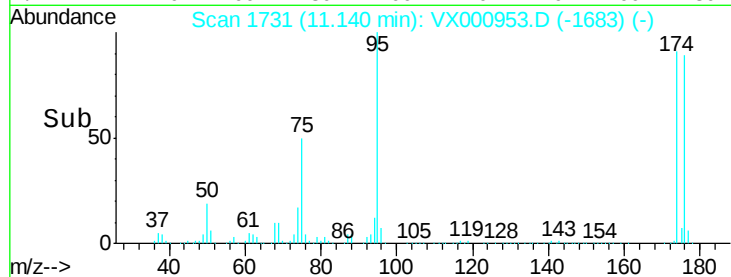
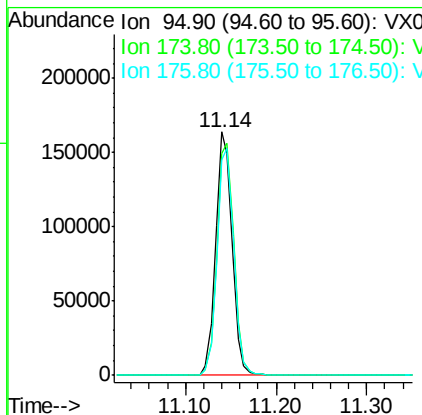
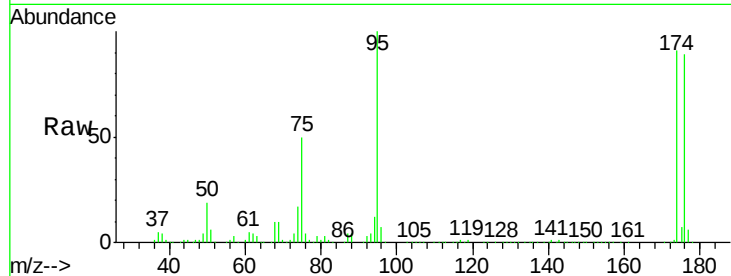




#62
4-Bromofluorobenzene
Concen: 46.626 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000953.D
Acq: 17 Apr 2018 06:41

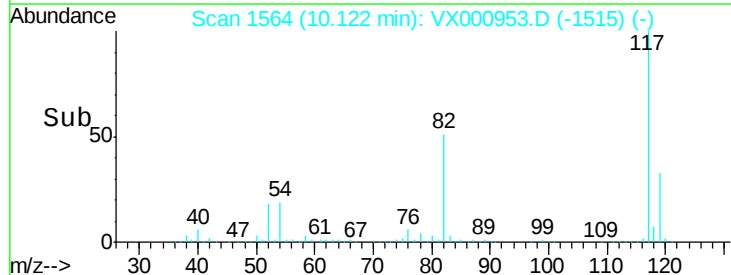
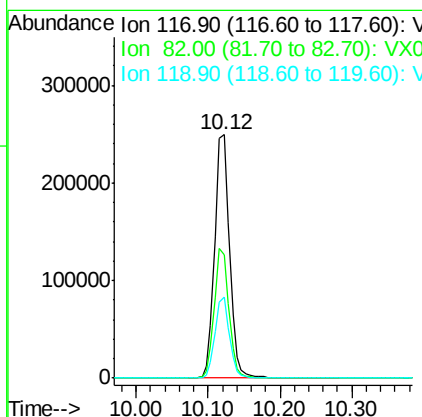
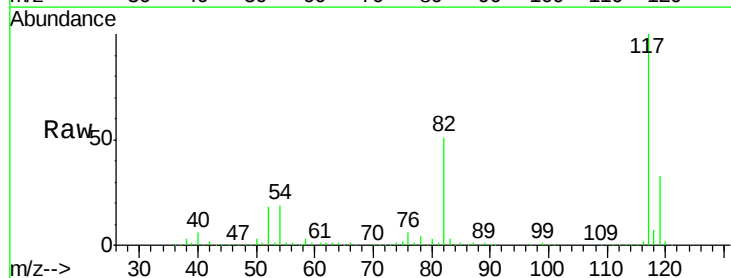
Instrument :
MSVOA_X
ClientSampled :

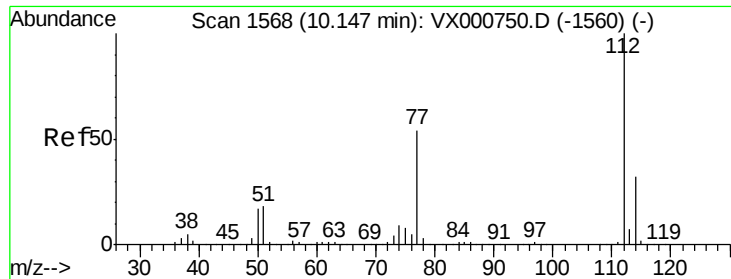
Tot Ion: 95 Resp: 209026
Ion Ratio Lower Upper
95 100
174 97.5 0.0 198.4
176 94.8 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000953.D
Acq: 17 Apr 2018 06:41

Tgt Ion: 117 Resp: 357206
Ion Ratio Lower Upper
117 100
82 50.9 41.9 62.9
119 33.1 26.0 39.0





#65

Chlorobenzene

Concen: 3.944 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000953.D

Acq: 17 Apr 2018 06:41

Instrument :

MSVOA_X

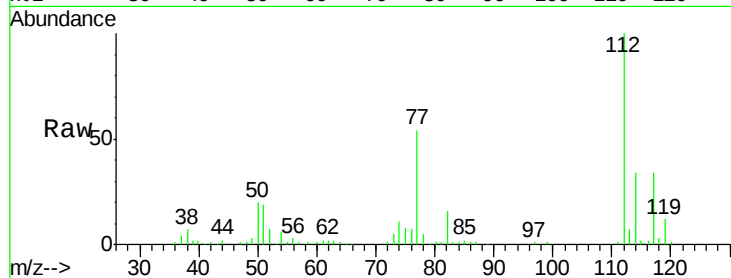
ClientSampleId :

Tot Ion:112 Resp: 35441

Ion Ratio Lower Upper

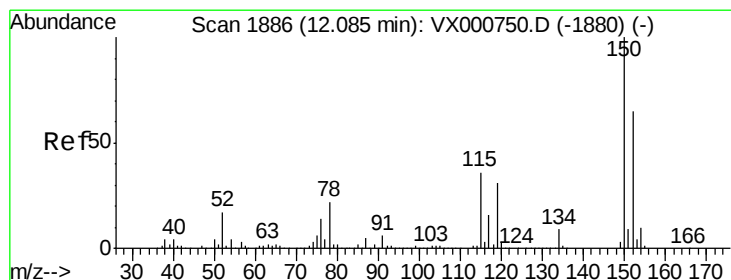
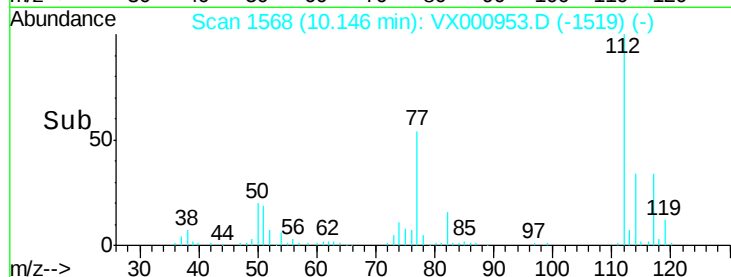
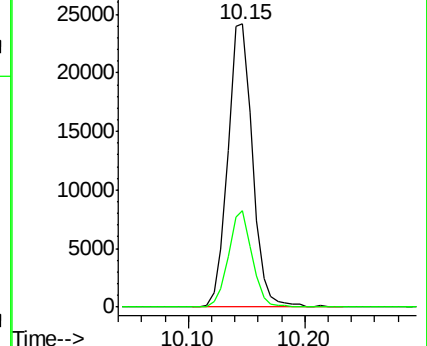
112 100

114 34.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000953.D

Acq: 17 Apr 2018 06:41

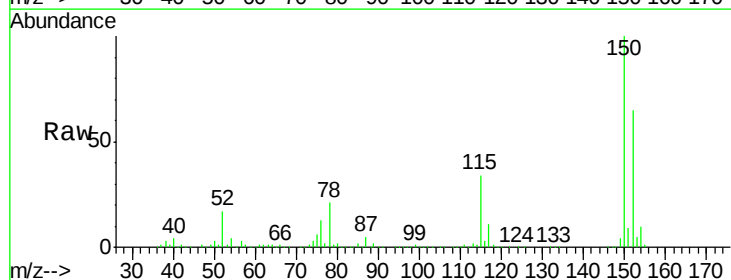
Tgt Ion:152 Resp: 236279

Ion Ratio Lower Upper

152 100

115 53.2 37.9 113.7

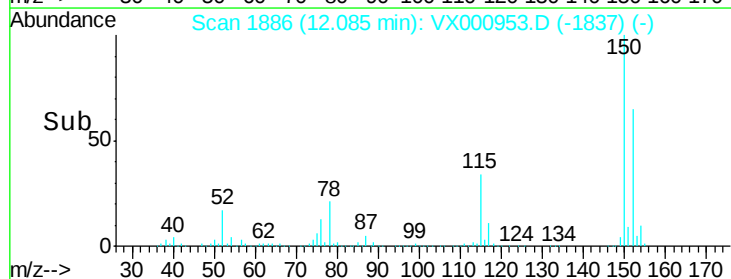
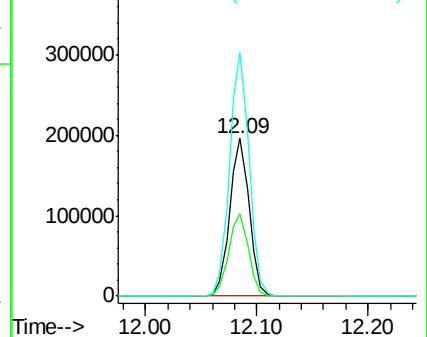
150 155.5 0.0 348.0

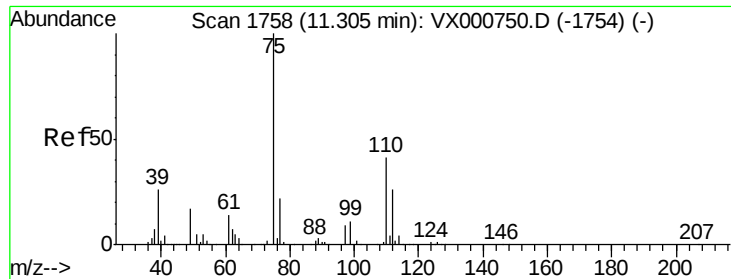


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

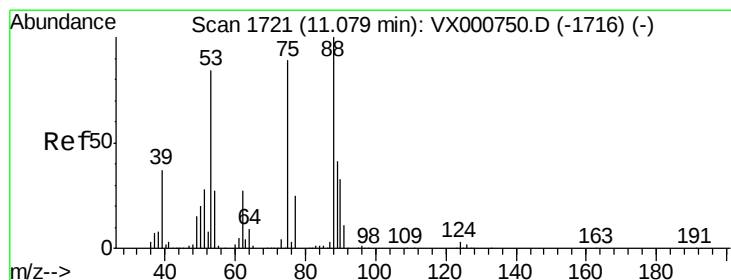
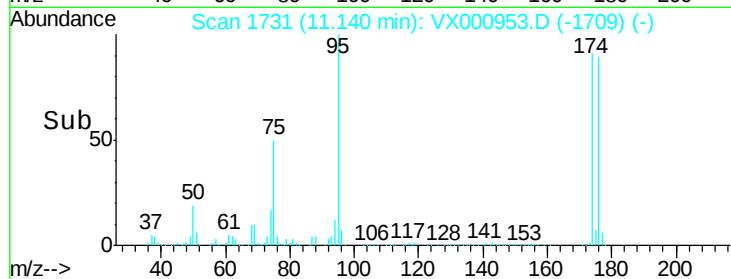
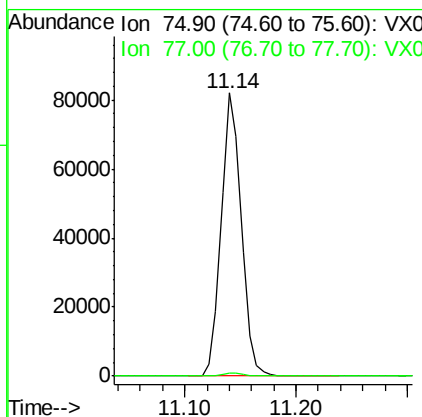
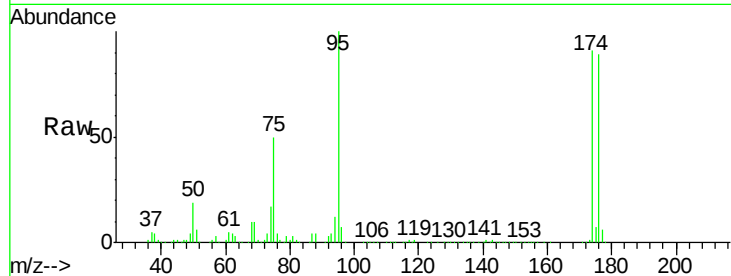




#76
 1,2,3-Trichloropropane
 Concen: 25.162 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

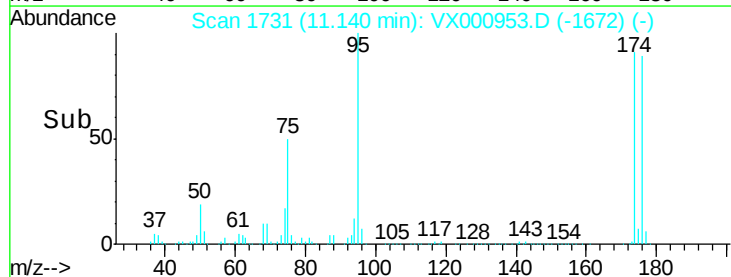
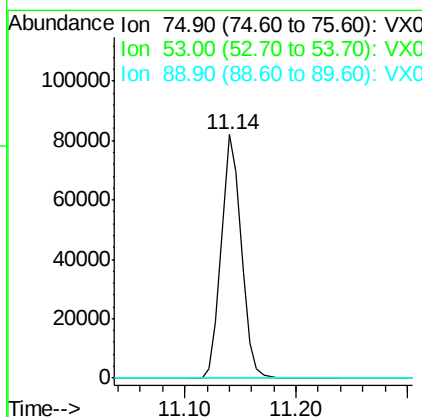
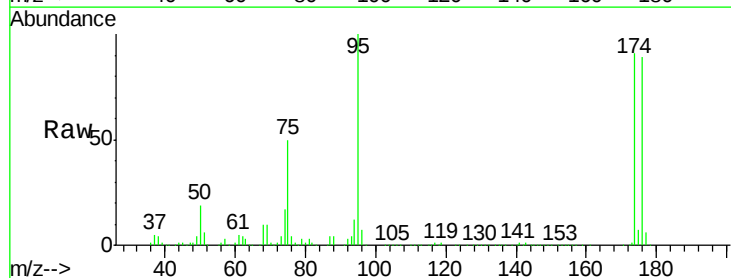
Instrument :
 MSVOA_X
 ClientSampled :

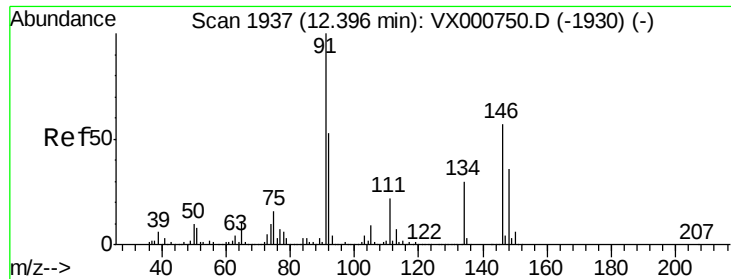
Tot Ion: 75 Resp: 102533
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.216 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX000953.D
 Acq: 17 Apr 2018 06:41

Tgt Ion: 75 Resp: 102533
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 40.9 61.3#





#91

1,2-Dichlorobenzene

Concen: 0.609 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000953.D

Acq: 17 Apr 2018 06:41

Instrument :

MSVOA_X

ClientSampleId :

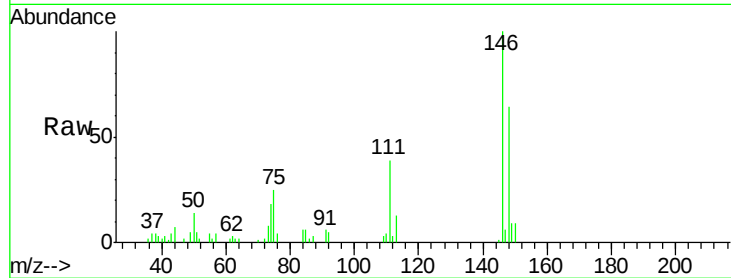
Tot Ion:146 Resp: 4780

Ion Ratio Lower Upper

146 100

111 41.4 18.9 56.7

148 61.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

