

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003704.D
 Acq On : 27 Jul 2018 07:46
 Operator : JC/SP
 Sample : J4114-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC066-W-180720

Quant Time: Jul 27 08:52:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	80551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	135460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	67706	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	69994	58.66	ug/l	0.00
Spiked Amount			Recovery	=	117.32%	
35) Dibromofluoromethane	5.51	113	55486	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.72	98	225845	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	11.14	95	76454	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

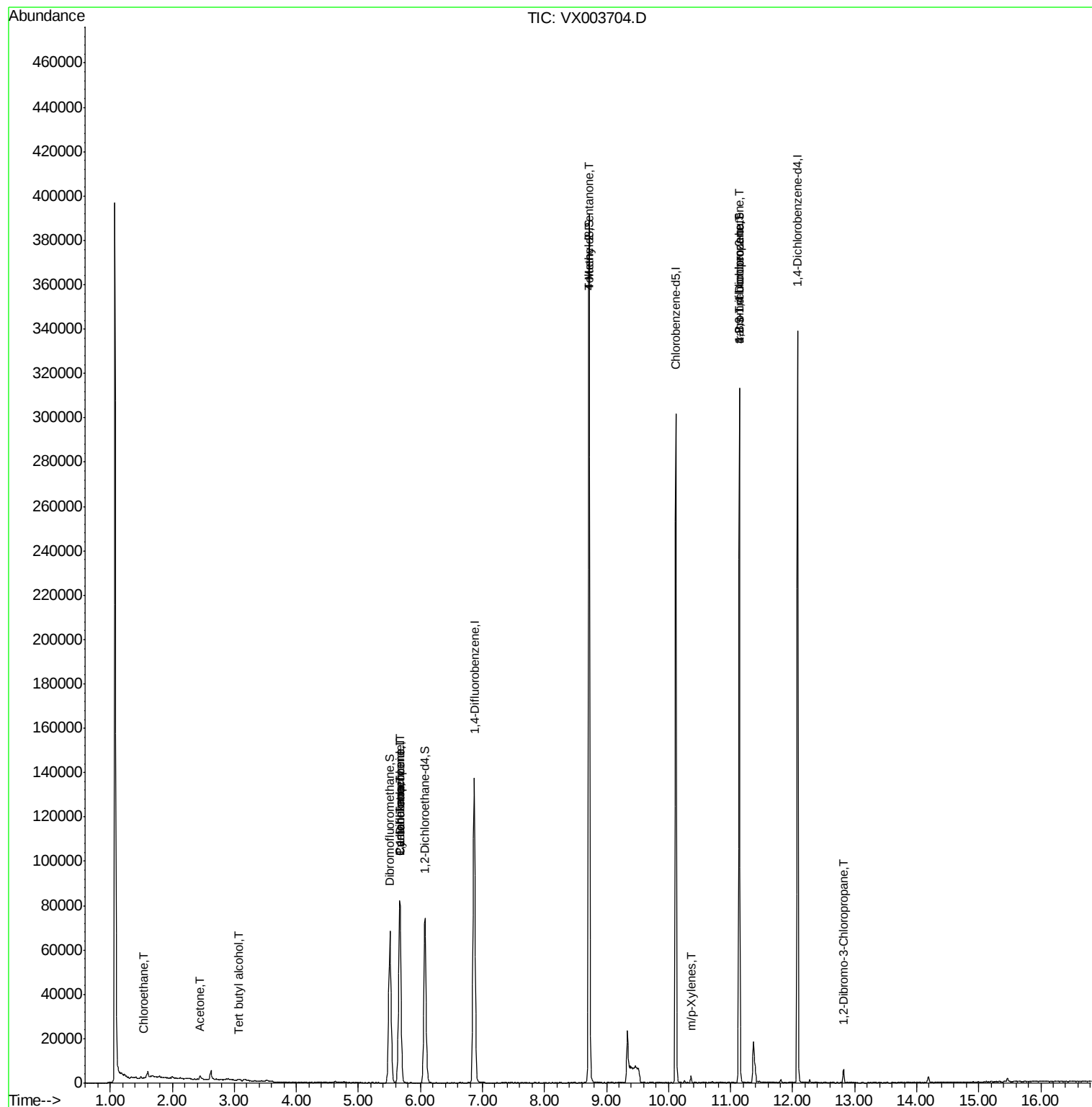
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.53	64	1160	3.10	ug/l #	42
11) Tert butyl alcohol	3.07	59	673	2.36	ug/l #	72
16) Acetone	2.45	43	1645	2.93	ug/l	89
31) Cyclohexane	5.67	56	1650	1.03	ug/l #	2
36) 1,1-Dichloropropene	5.67	75	5978	3.78	ug/l #	49
38) Carbon Tetrachloride	5.67	117	7717	5.06	ug/l #	15
51) 4-Methyl-2-Pentanone	8.72	43	980	0.52	ug/l #	1
68) m/p-Xylenes	10.36	106	760	0.35	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	38278	26.95	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	38278	83.51	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.82	75	161	0.45	ug/l #	1

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 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: VX003704.D

Acq: 27 Jul 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

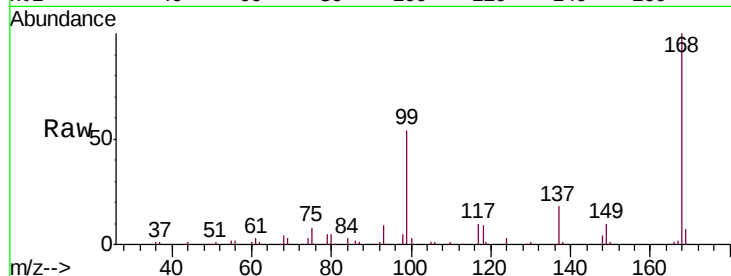
KY030LC066-W-180720

Tot Ion:168 Resp: 80551

Ion Ratio Lower Upper

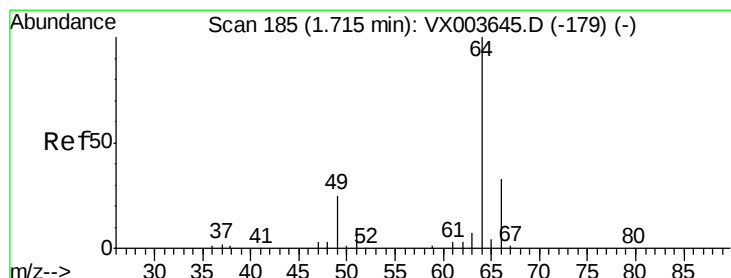
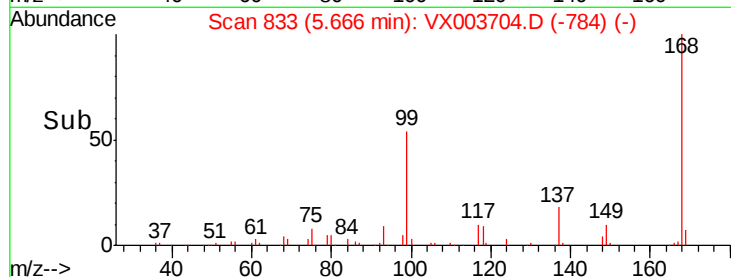
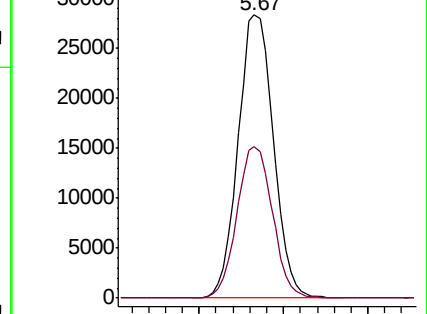
168 100

99 53.7 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 3.10 ug/l

RT: 1.53 min Scan# 155

Delta R.T. -0.18 min

Lab File: VX003704.D

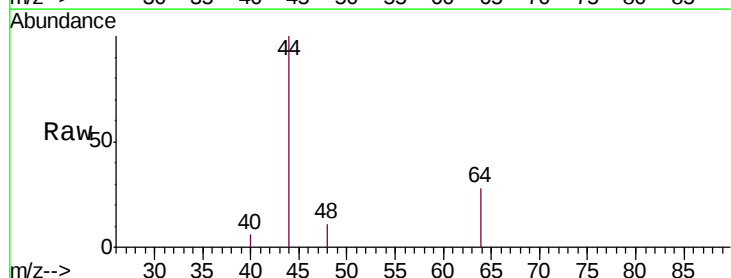
Acq: 27 Jul 2018 07:46

Tgt Ion: 64 Resp: 1160

Ion Ratio Lower Upper

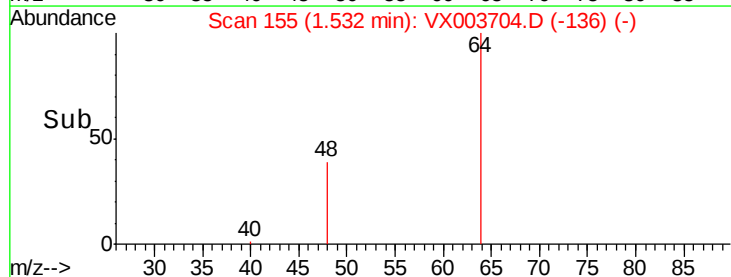
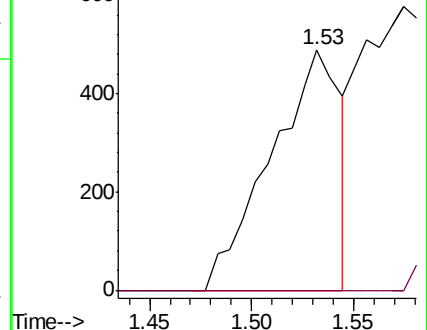
64 100

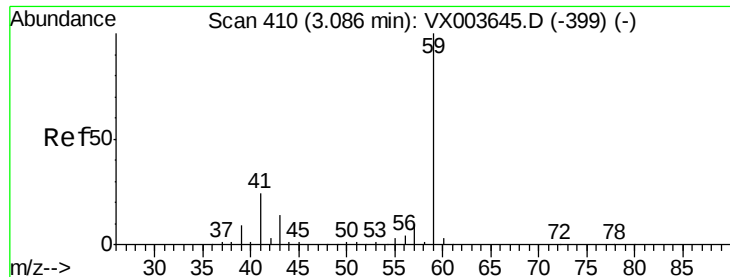
66 0.0 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

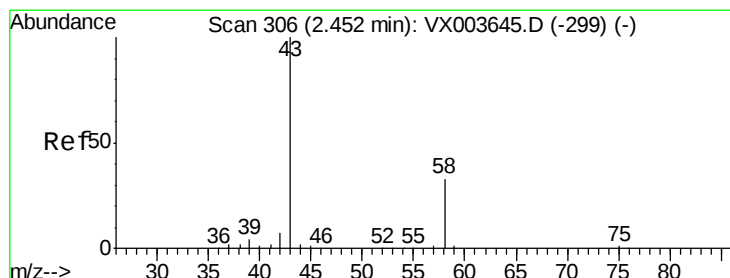
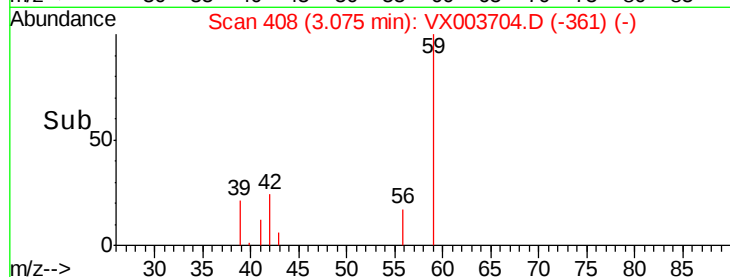
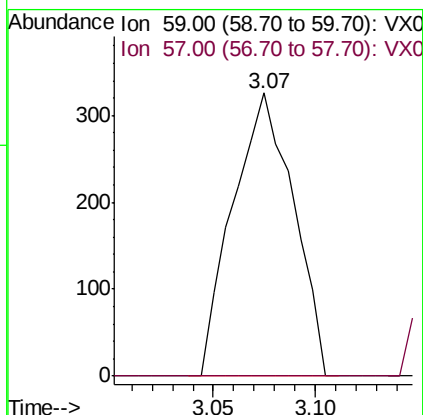
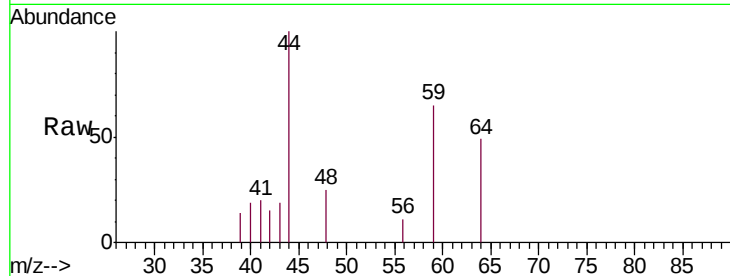




#11
Tert butyl alcohol
Concen: 2.36 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

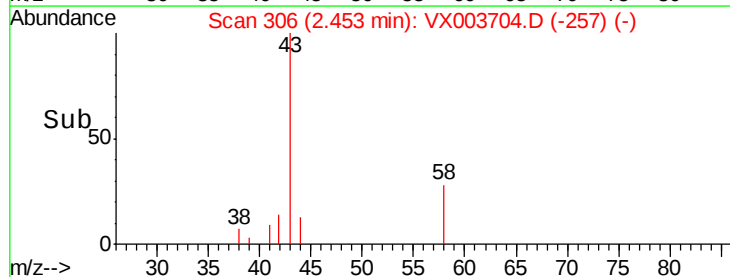
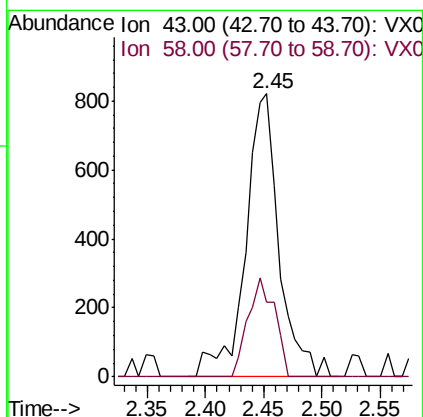
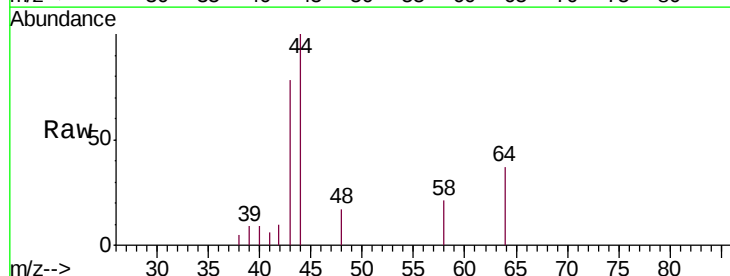
Instrument :
MSVOA_X
ClientSampleId :
KY030LC066-W-180720

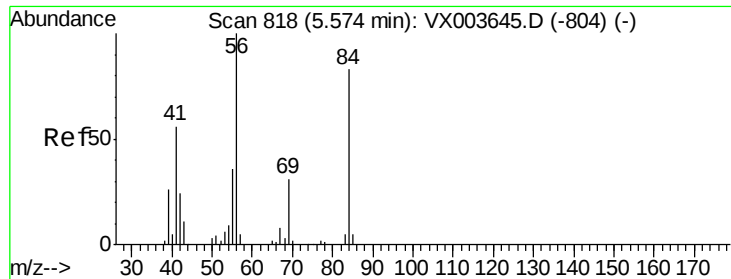
Tot Ion: 59 Resp: 673
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.93 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 26.6 26.1 39.1

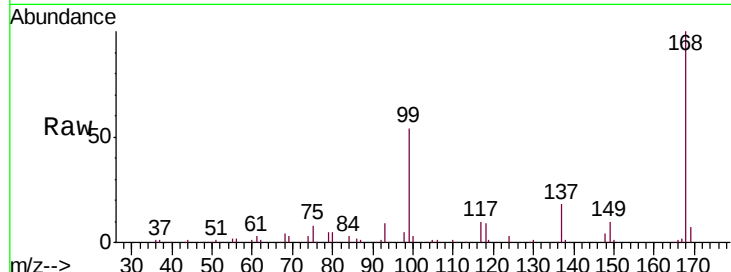




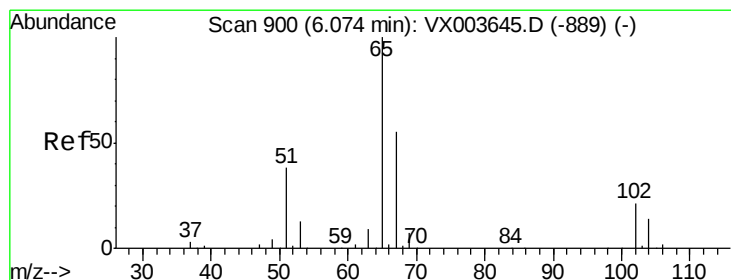
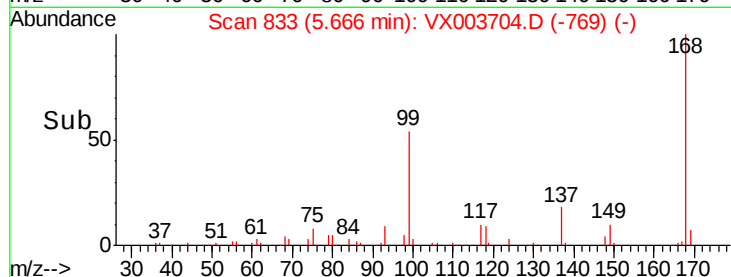
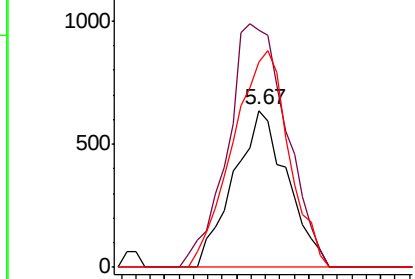
#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Instrument :
MSVOA_X
ClientSampleId :
KY030LC066-W-180720

Tot Ion: 56 Resp: 1650
Ion Ratio Lower Upper
56 100
69 151.4 25.0 37.6#
84 131.1 66.5 99.7#

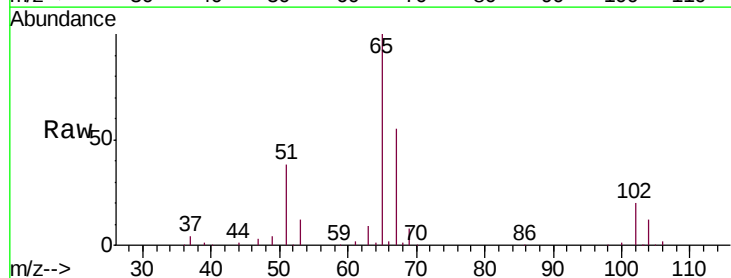


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

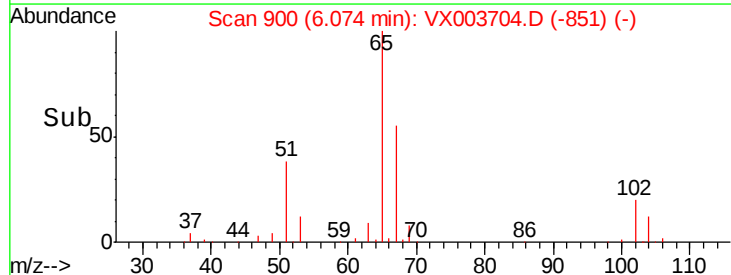
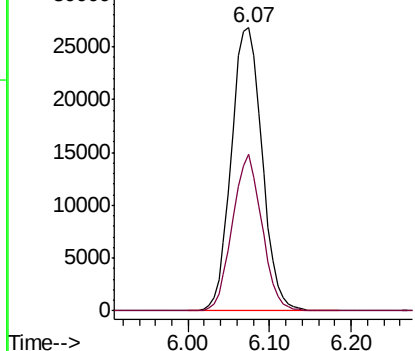


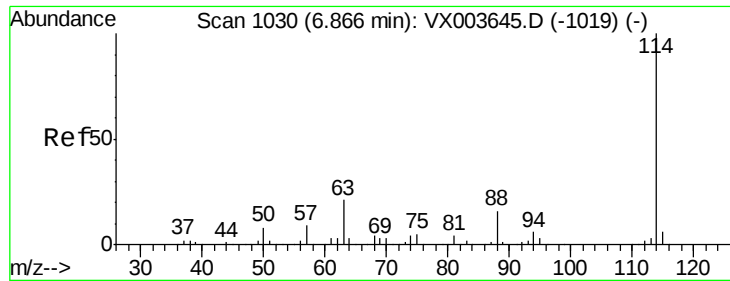
#33
1,2-Dichloroethane-d4
Concen: 58.66 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Tgt Ion: 65 Resp: 69994
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.8



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

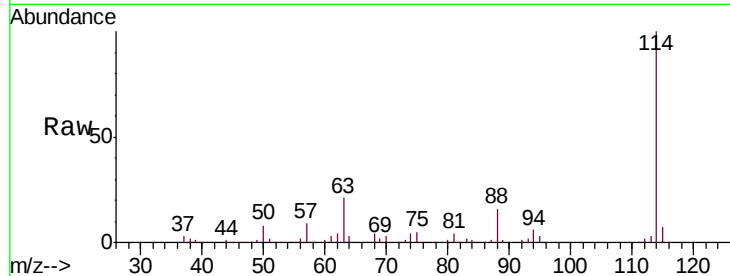




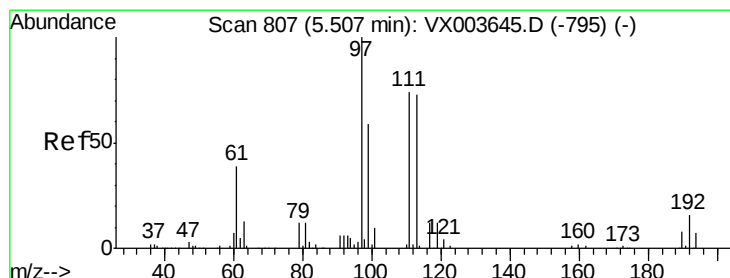
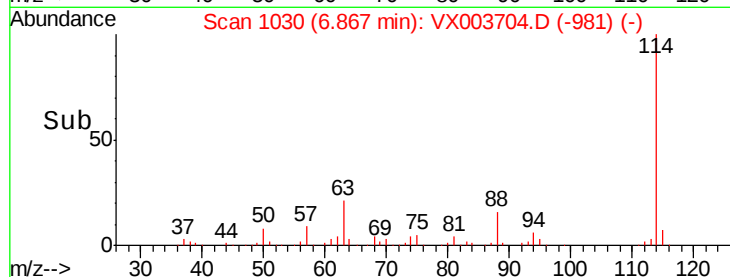
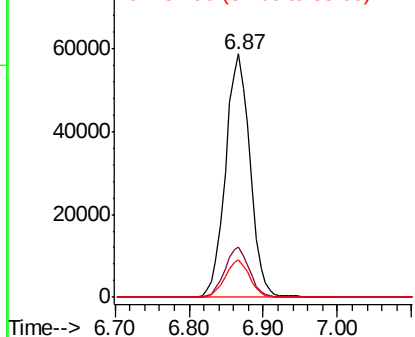
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003704.D
 Acq: 27 Jul 2018 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC066-W-180720

Tot Ion:114 Resp: 135460
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.0
 88 15.5 0.0 31.8

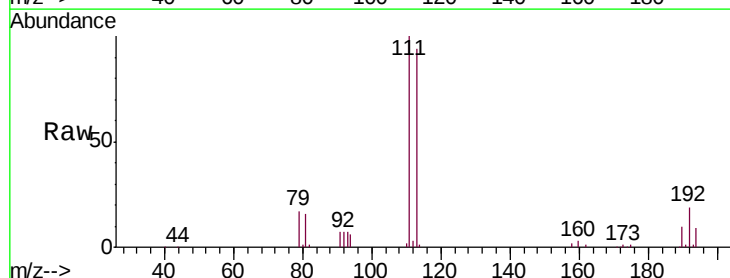


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

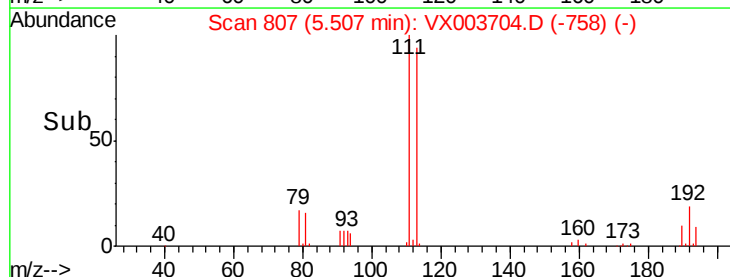
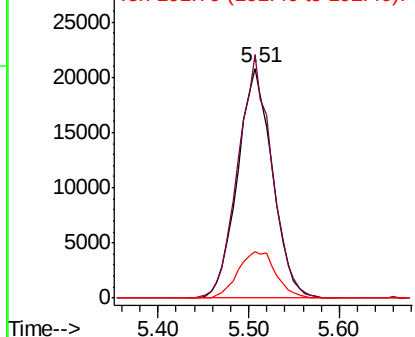


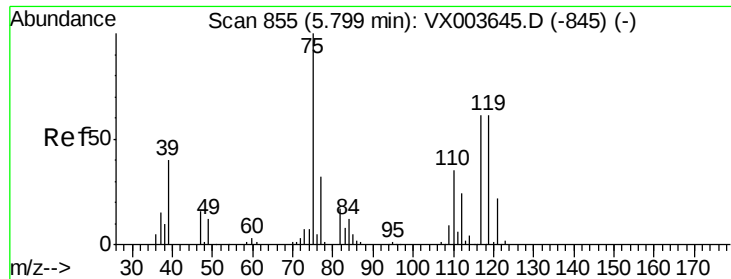
#35
 Dibromofluoromethane
 Concen: 50.11 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003704.D
 Acq: 27 Jul 2018 07:46

Tgt Ion:113 Resp: 55486
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.2 121.8
 192 22.1 18.2 27.4



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

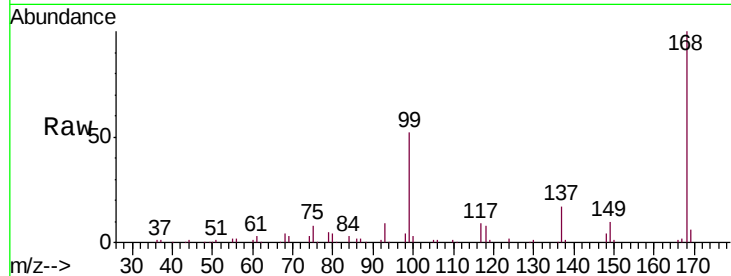




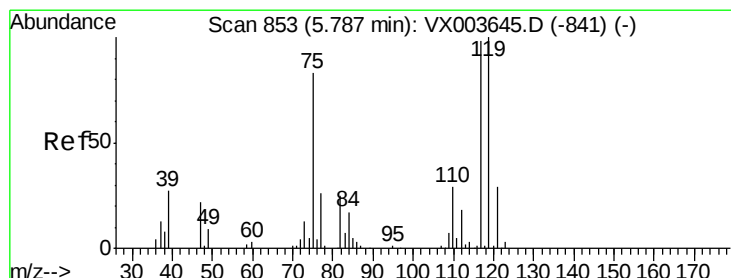
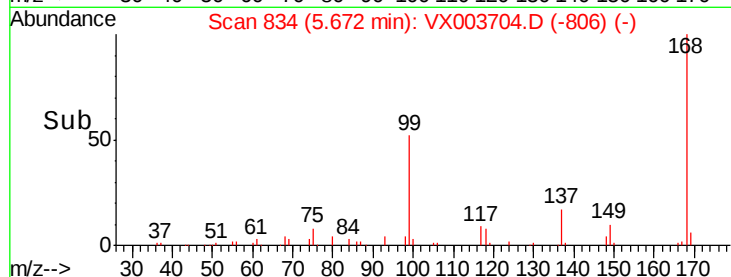
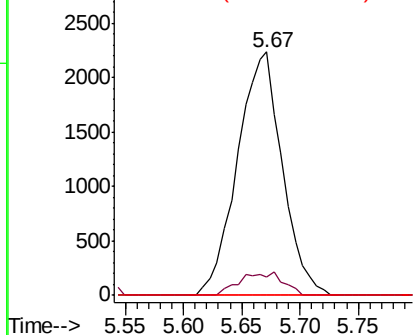
#36
 1,1-Dichloropropene
 Concen: 3.78 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003704.D
 Acq: 27 Jul 2018 07:46

Instrument :
 MSVOA_X
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 KY030LC066-W-180720

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.1#
77	0.0	25.1	37.7#

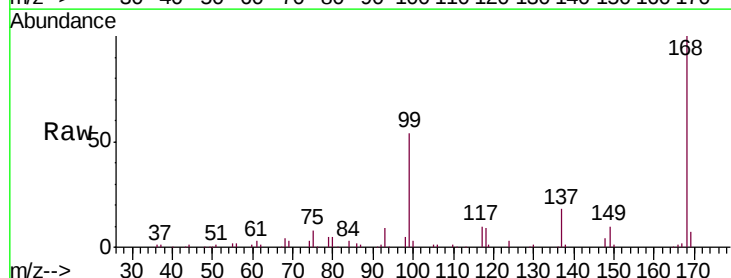


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

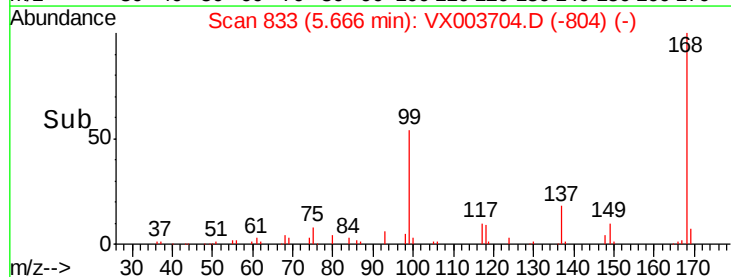
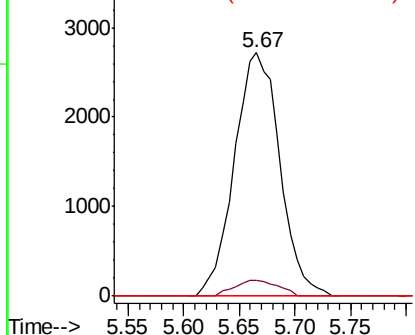


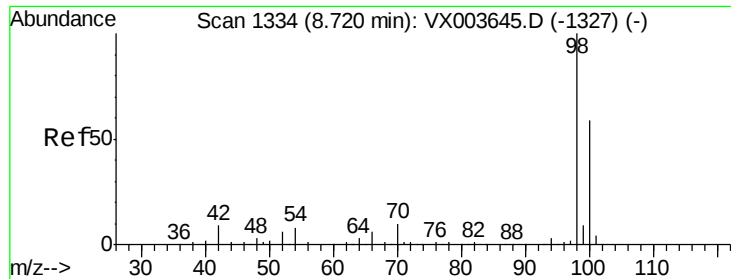
#38
 Carbon Tetrachloride
 Concen: 5.06 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003704.D
 Acq: 27 Jul 2018 07:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	81.0	121.4#
121	0.0	23.7	35.5#



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: 53.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003704.D

Acq: 27 Jul 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

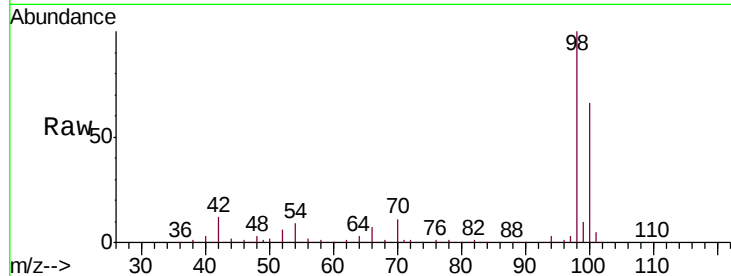
KY030LC066-W-180720

Tot Ion: 98 Resp: 225845

Ion Ratio Lower Upper

98 100

100 67.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

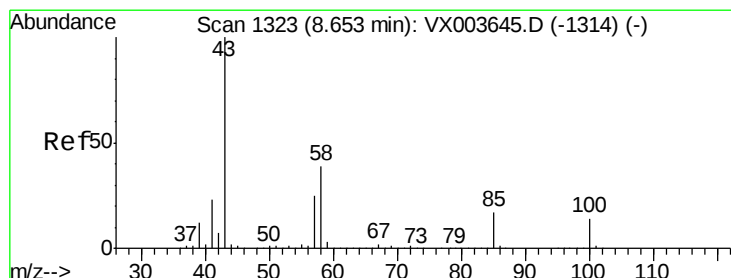
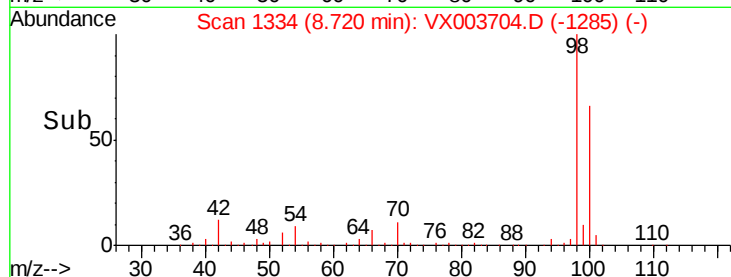
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50000

0

8.60 8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.07 min

Lab File: VX003704.D

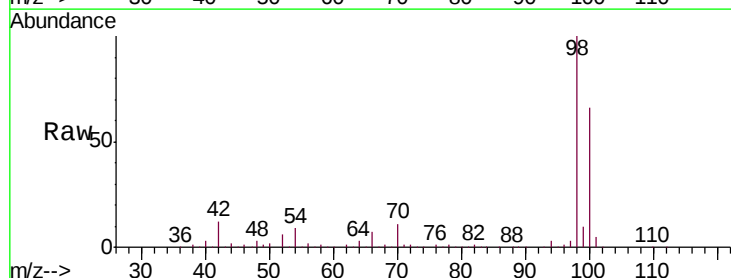
Acq: 27 Jul 2018 07:46

Tgt Ion: 43 Resp: 980

Ion Ratio Lower Upper

43 100

58 197.8 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

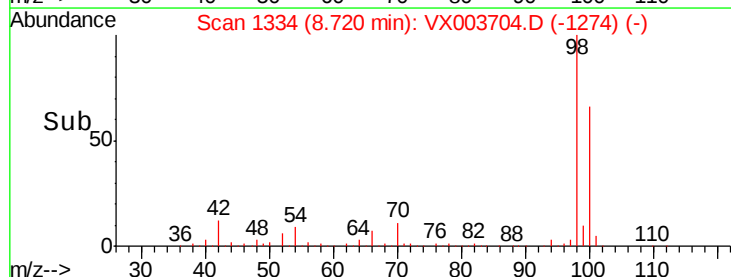
1000

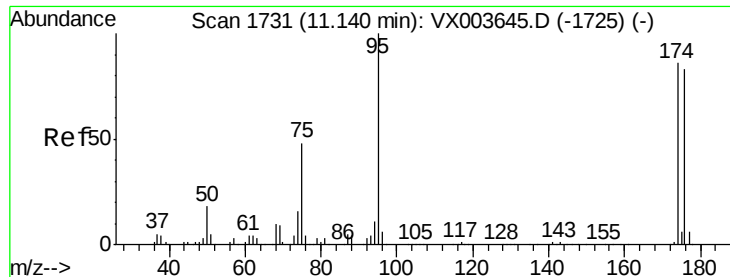
500

0

8.65 8.70 8.75

Time-->





#62

4-Bromofluorobenzene

Concen: 49.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003704.D

Acq: 27 Jul 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

KY030LC066-W-180720

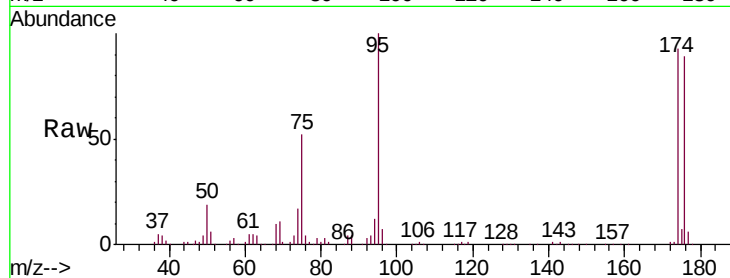
Tot Ion: 95 Resp: 76454

Ion Ratio Lower Upper

95 100

174 88.4 0.0 179.0

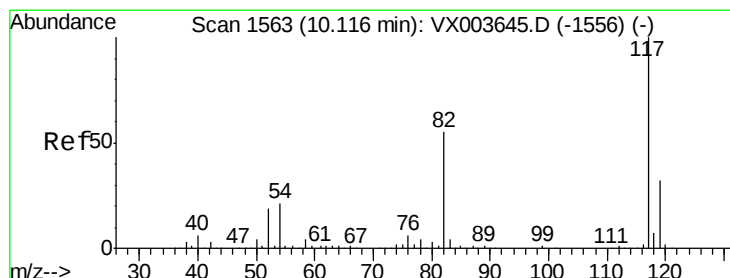
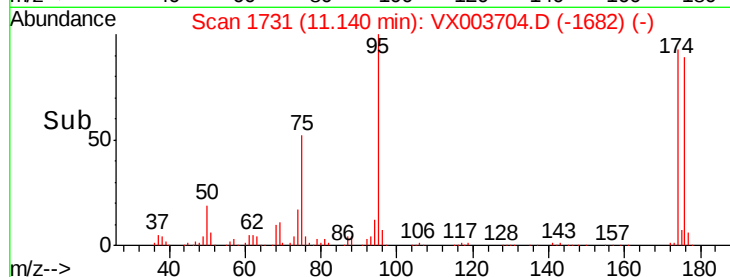
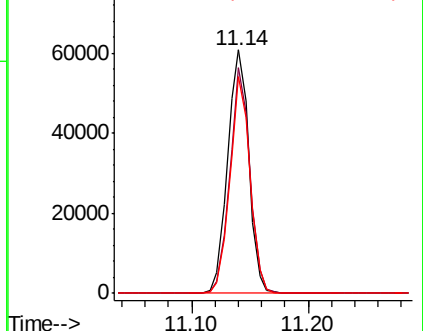
176 84.9 0.0 173.0



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: VX003704.D

Acq: 27 Jul 2018 07:46

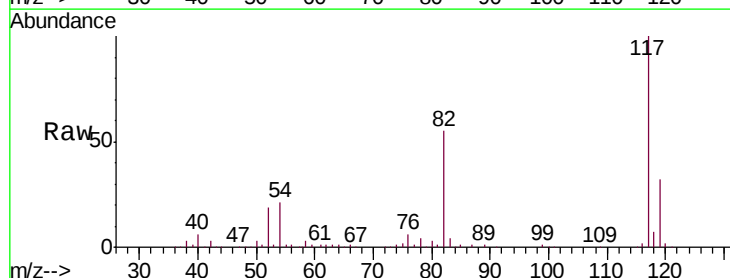
Tgt Ion: 117 Resp: 133209

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

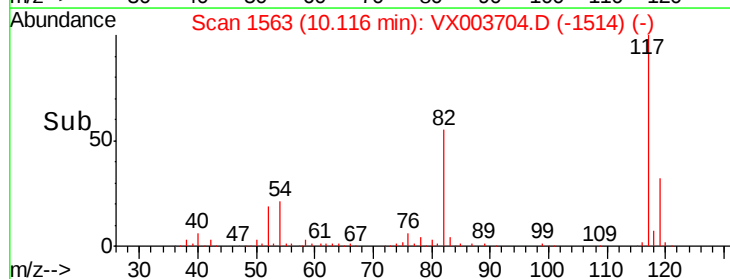
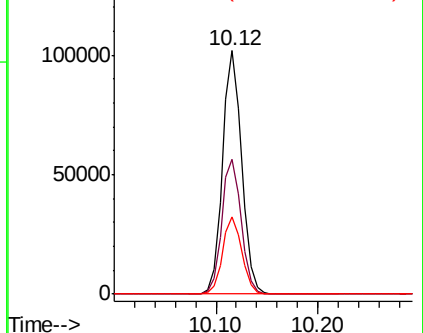
119 31.7 25.6 38.4

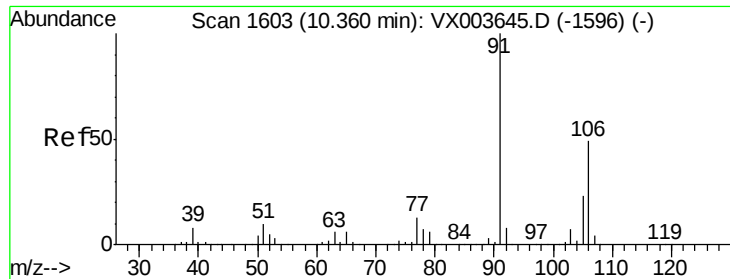


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

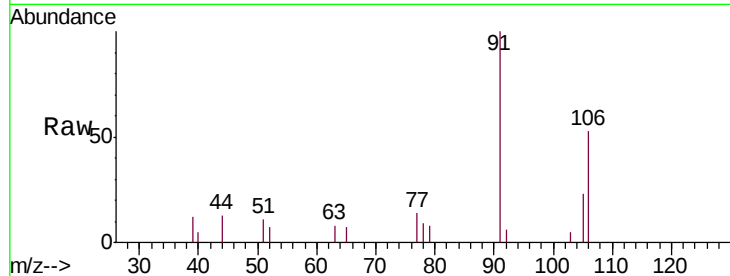




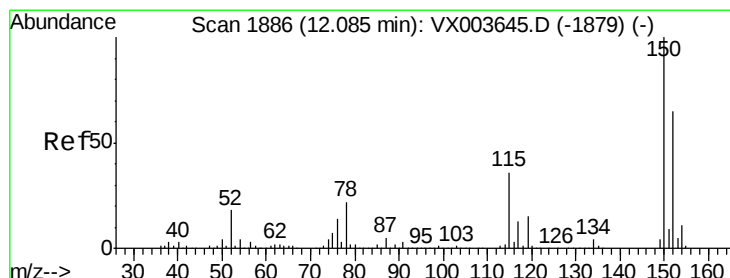
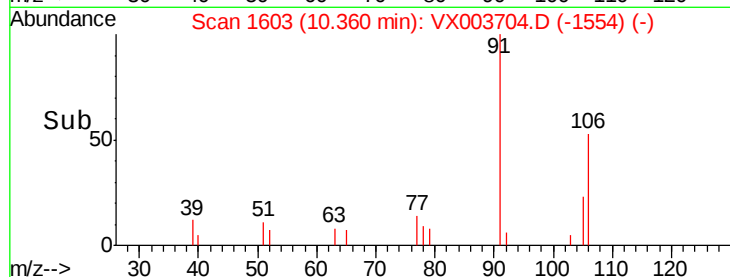
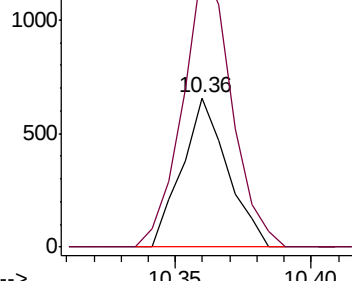
#68
m/p-Xvlenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Instrument :
MSVOA_X
ClientSampleId :
KY030LC066-W-180720

Tot Ion:106 Resp: 760
Ion Ratio Lower Upper
106 100
91 200.4 162.2 243.2

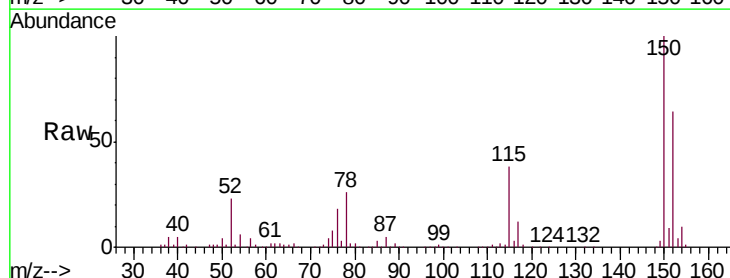


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

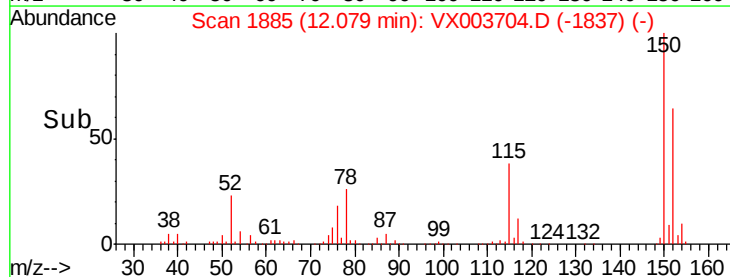
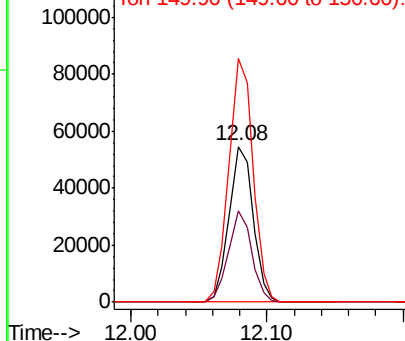


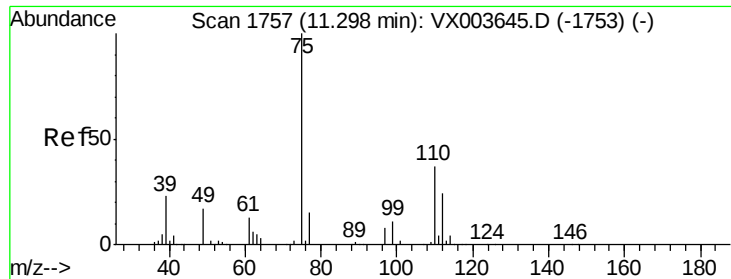
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003704.D
Acq: 27 Jul 2018 07:46

Tgt Ion:152 Resp: 67706
Ion Ratio Lower Upper
152 100
115 56.5 40.0 119.9
150 157.3 0.0 348.4



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

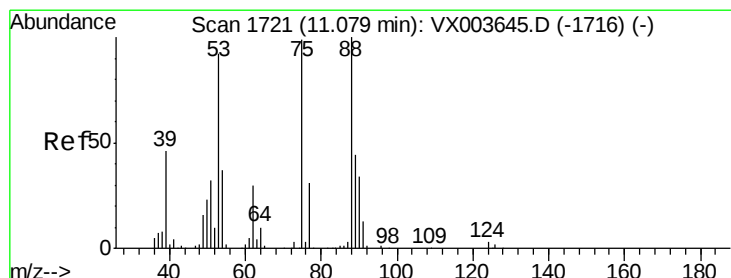
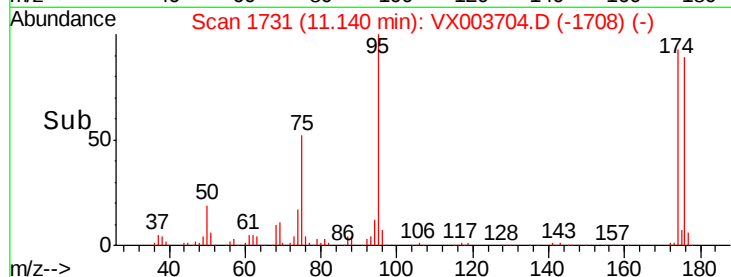
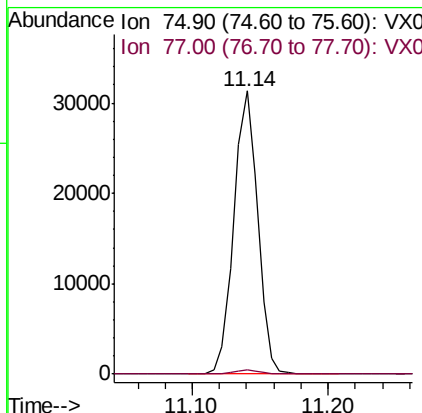
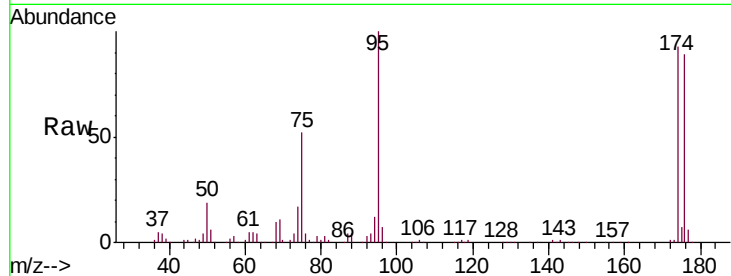




#76
 1,2,3-Trichloropropane
 Concen: 26.95 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003704.D
 Acq: 27 Jul 2018 07:46

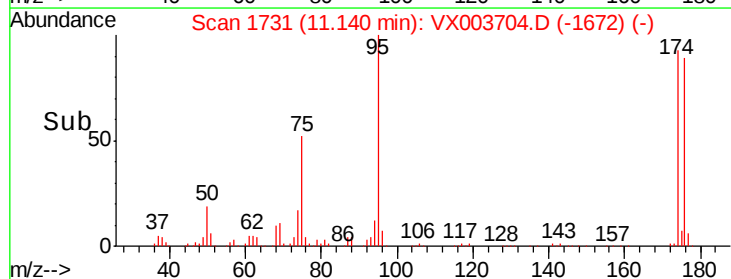
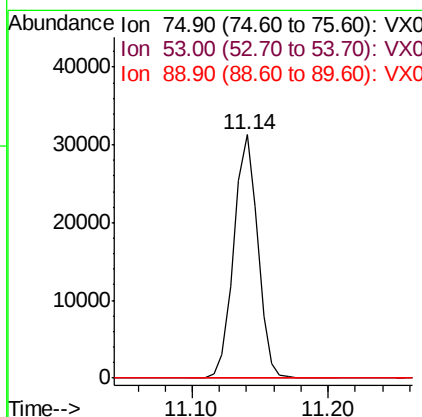
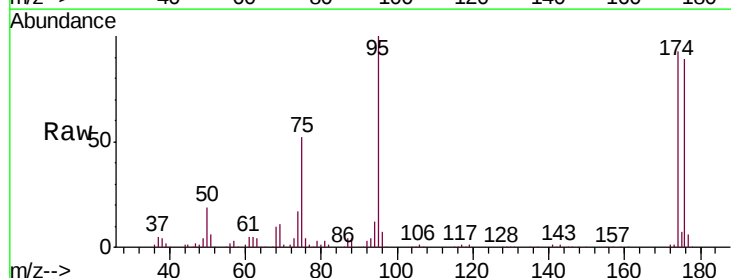
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC066-W-180720

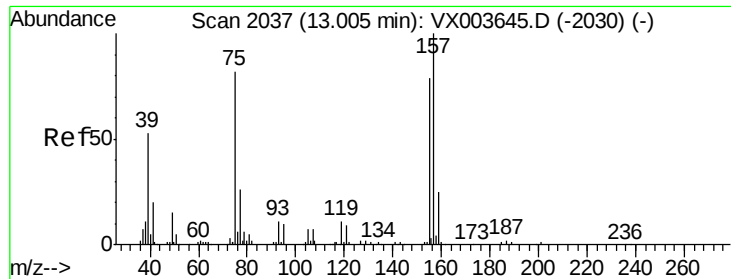
Tot Ion: 75 Resp: 38278
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.51 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003704.D
 Acq: 27 Jul 2018 07:46

Tgt Ion: 75 Resp: 38278
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 36.6 54.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.45 ug/l

RT: 12.82 min Scan# 2006

Delta R.T. -0.19 min

Lab File: VX003704.D

Acq: 27 Jul 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

KY030LC066-W-180720

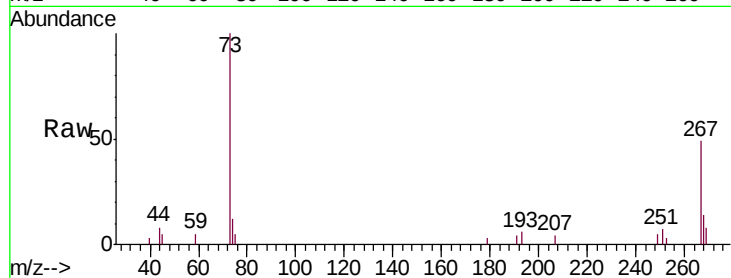
Tot Ion: 75 Resp: 161

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

157 0.0 59.7 179.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

