

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000954.D
 Acq On : 17 Apr 2018 07:06
 Operator : JC/MD
 Sample : J2349-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 07:57:44 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	263080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231998	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	166720	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	5.51	113	129712	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
50) Toluene-d8	8.72	98	515726	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	203802	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

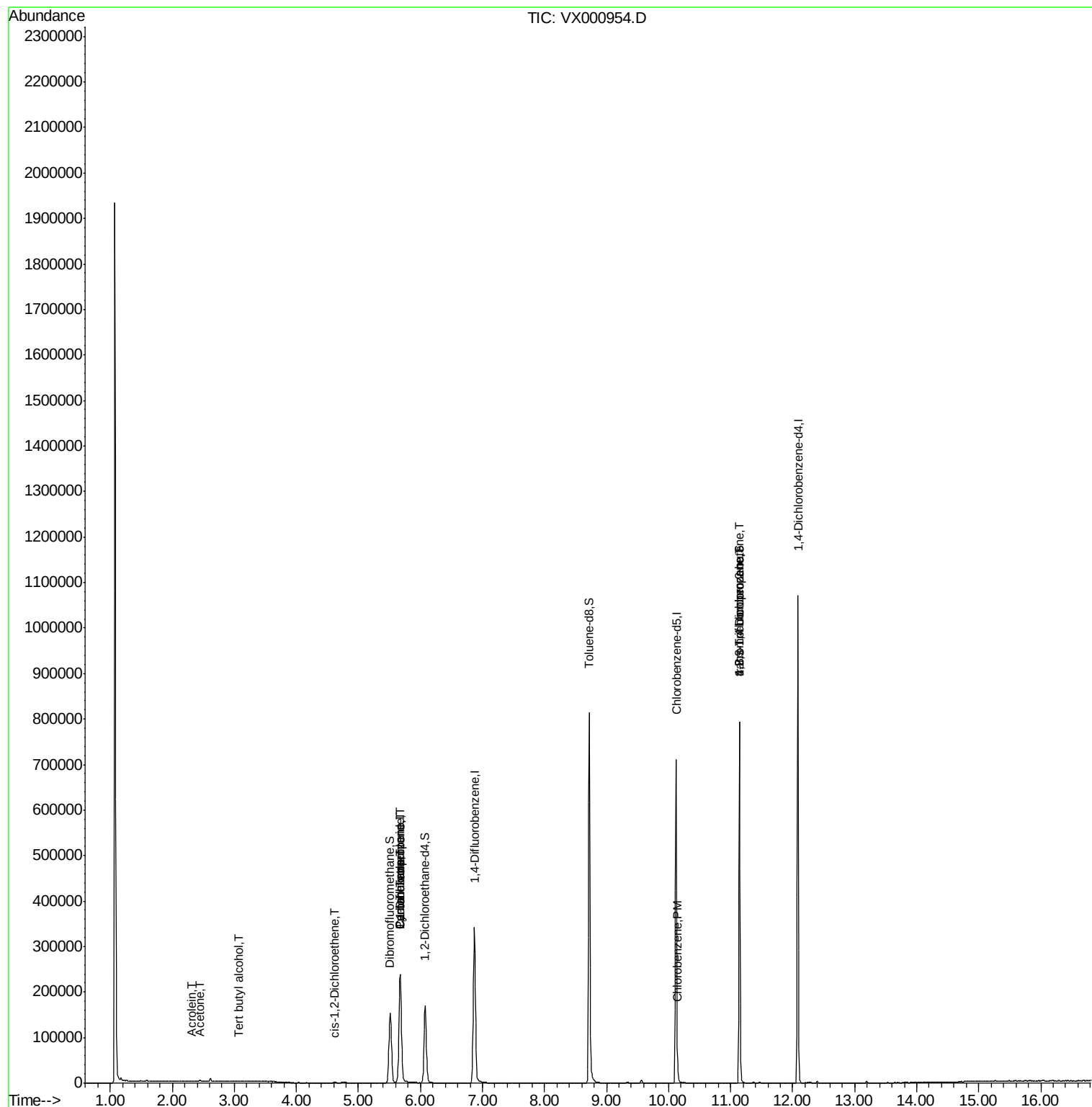
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	227	Below Cal	#	53
11) Tert butyl alcohol	3.07	59	267	0.453	ug/l #	72
13) Acrolein	2.31	56	109	0.381	ug/l #	13
16) Acetone	2.45	43	2280	1.993	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	618	0.205	ug/l	88
31) Cyclohexane	5.67	56	4302	0.984	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16097	3.973	ug/l #	49
38) Carbon Tetrachloride	5.68	117	22357	4.930	ug/l #	15
65) Chlorobenzene	10.15	112	8468	0.970	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	100030	25.001	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	100030	68.772	ug/l #	11

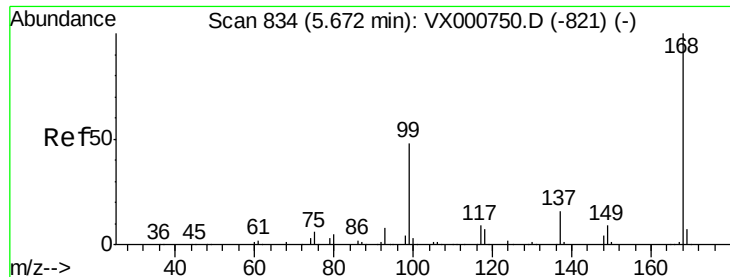
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

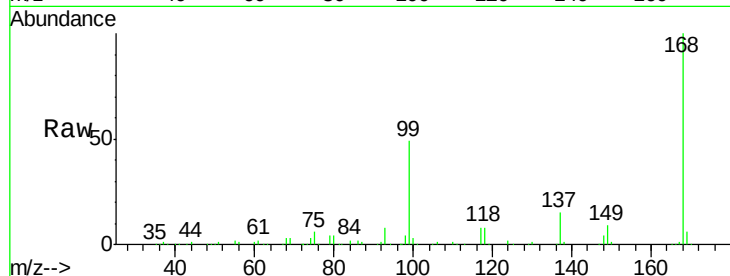
ClientSampleId :

Tot Ion:168 Resp: 263080

Ion Ratio Lower Upper

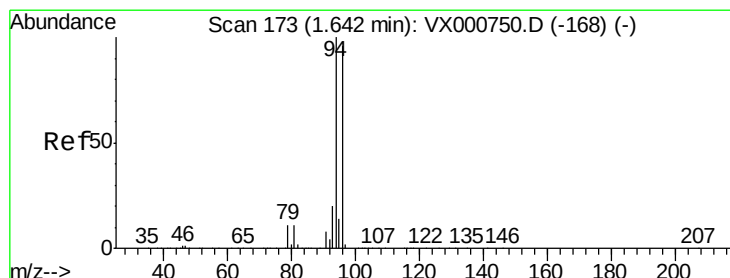
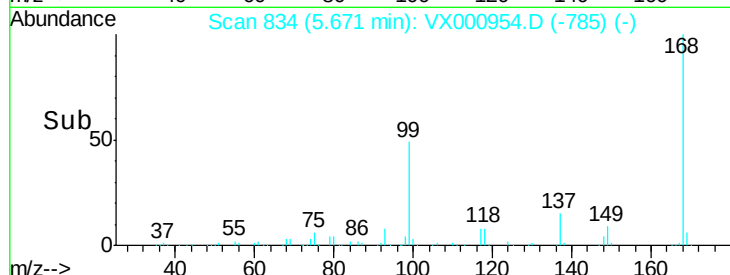
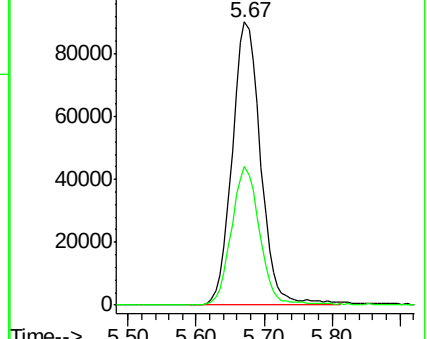
168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000954.D

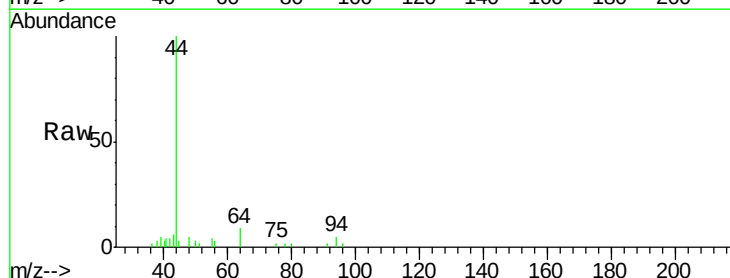
Acq: 17 Apr 2018 07:06

Tgt Ion: 94 Resp: 227

Ion Ratio Lower Upper

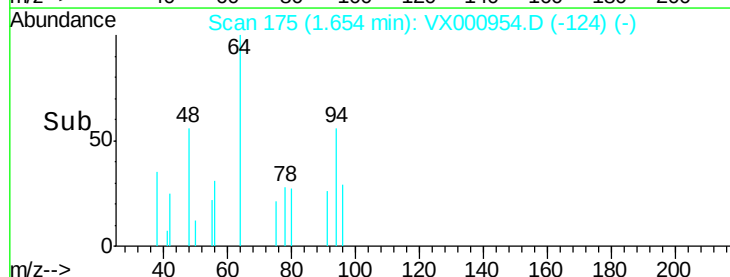
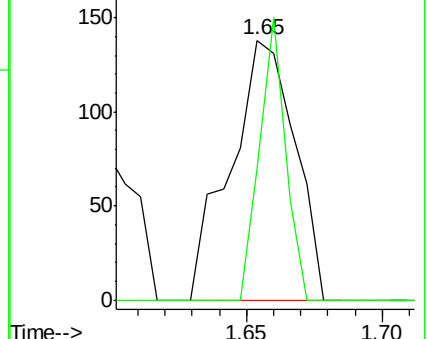
94 100

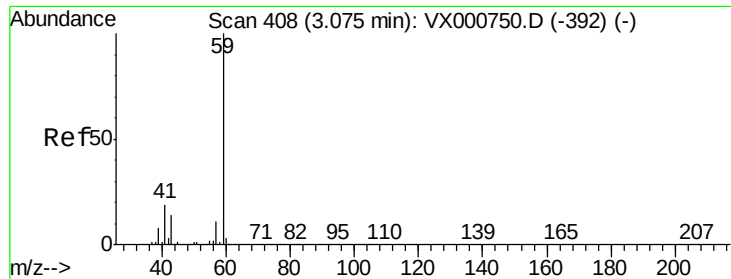
96 50.7 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

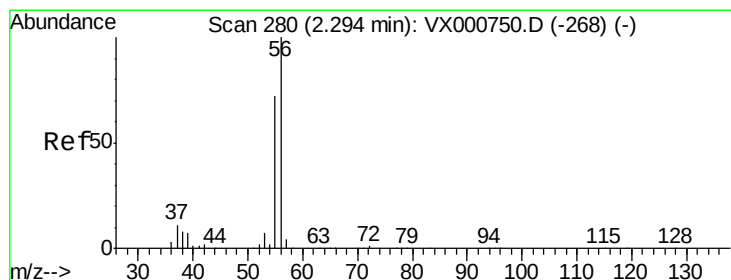
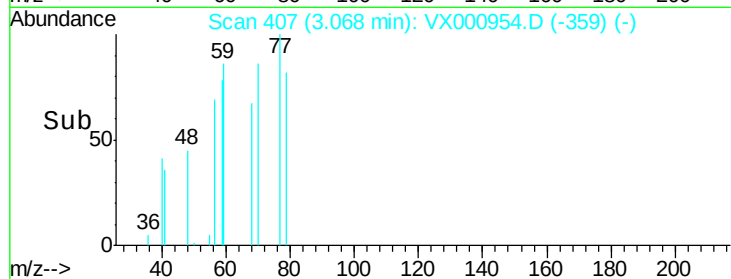
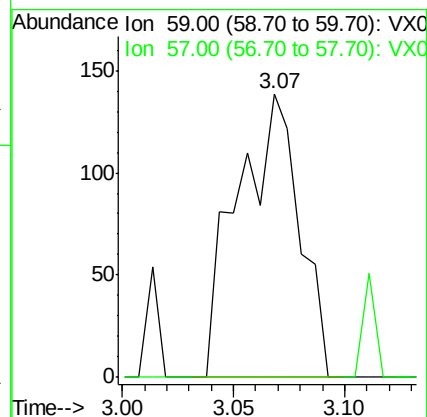
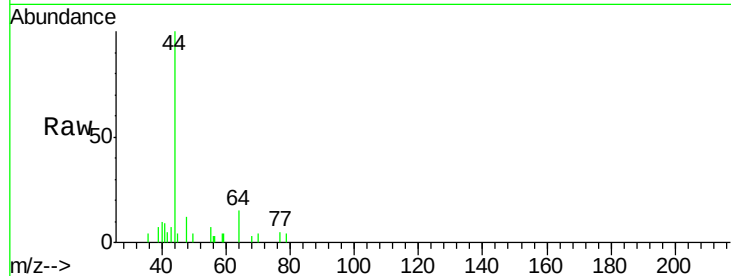




#11
Tert butyl alcohol
Concen: 0.453 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

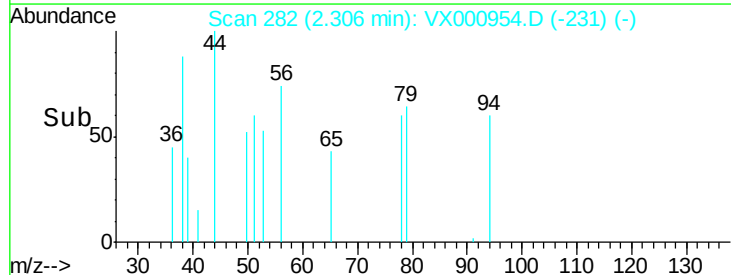
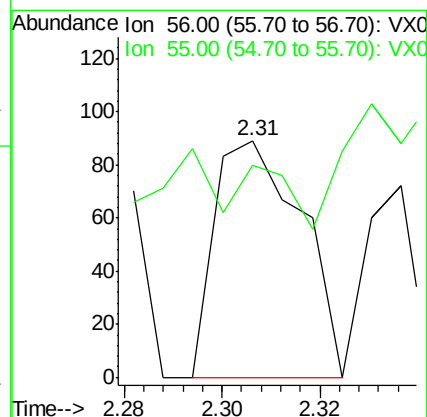
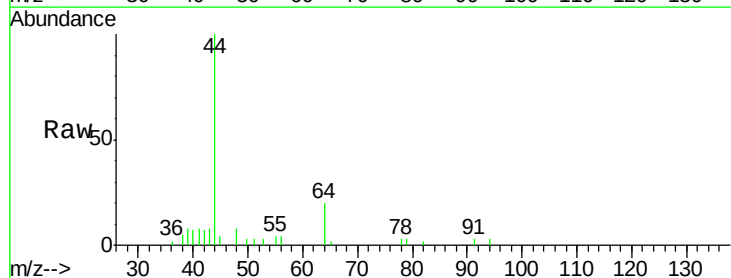
Instrument :
MSVOA_X
ClientSampled :

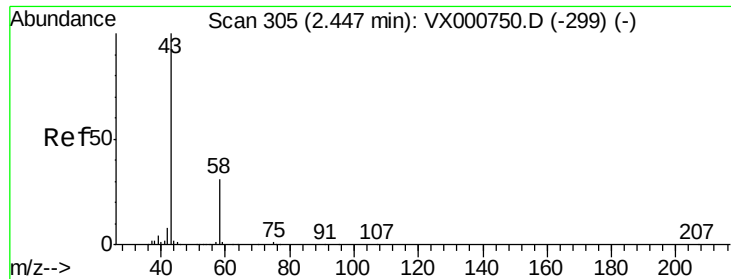
Tot Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 0.381 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 0.0 58.7 88.1#





#16

Acetone

Concen: 1.993 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

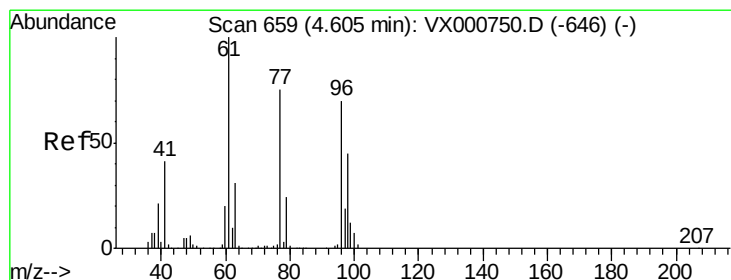
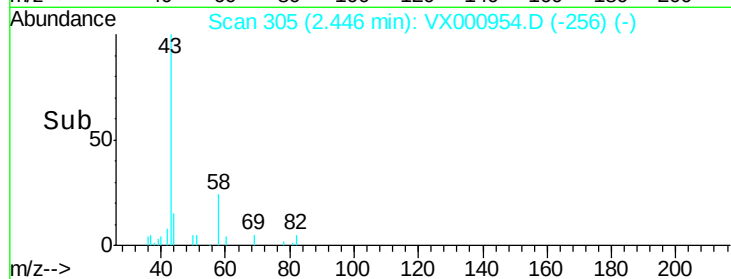
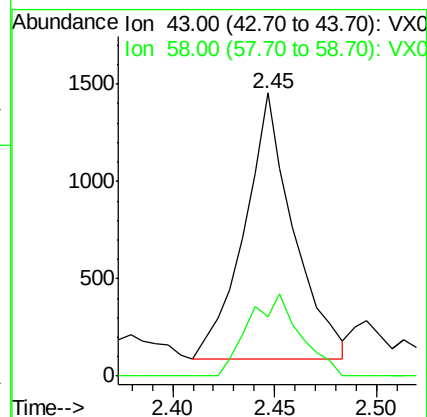
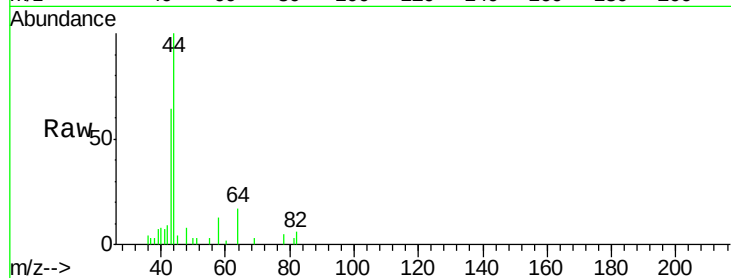
ClientSampled :

Tot Ion: 43 Resp: 2280

Ion Ratio Lower Upper

43 100

58 22.1 24.6 37.0#



#27

cis-1,2-Dichloroethene

Concen: 0.205 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

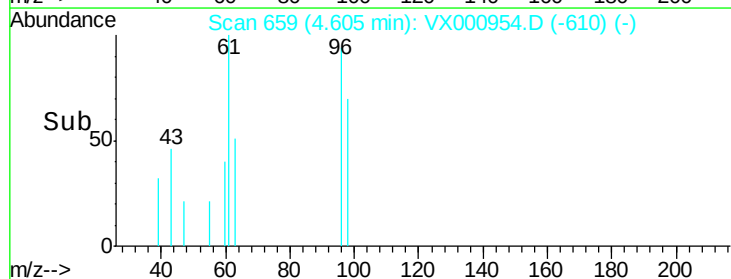
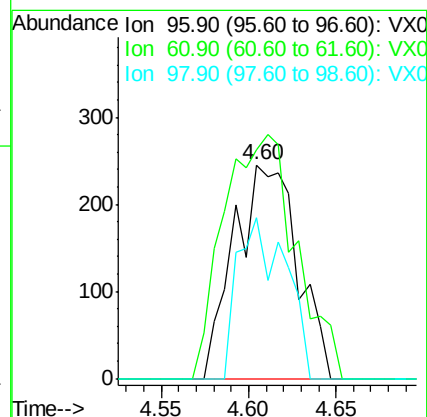
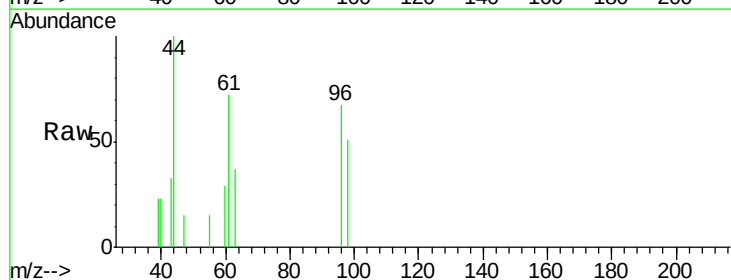
Tgt Ion: 96 Resp: 618

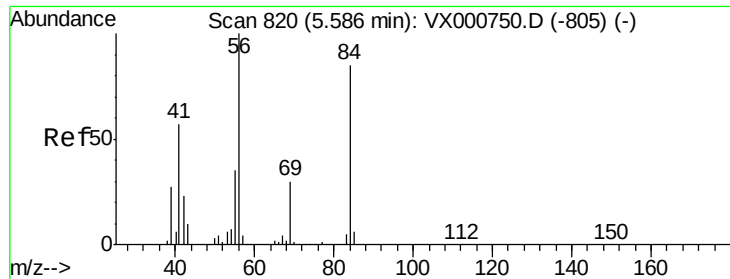
Ion Ratio Lower Upper

96 100

61 130.3 0.0 292.4

98 57.4 0.0 130.2

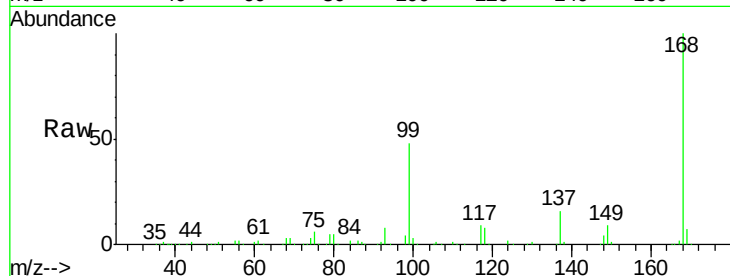




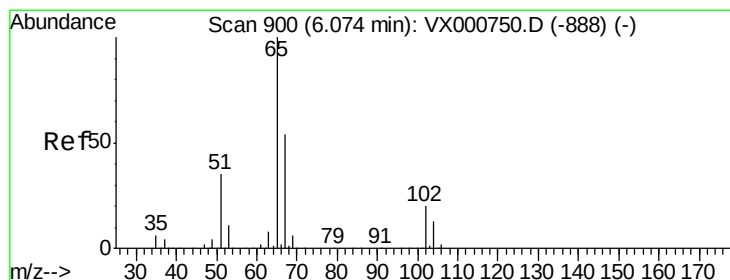
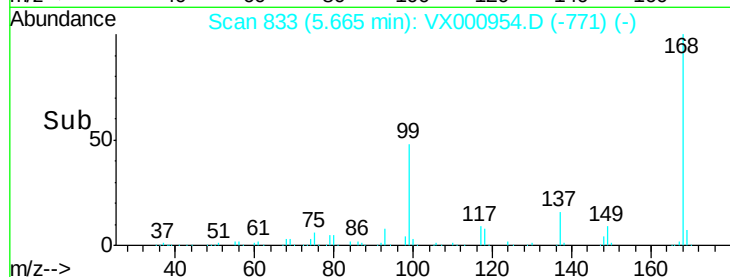
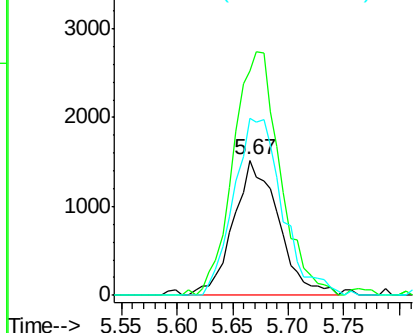
#31
Cyclohexane
Concen: 0.984 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4302
Ion Ratio Lower Upper
56 100
69 166.0 24.2 36.4#
84 130.5 67.6 101.4#

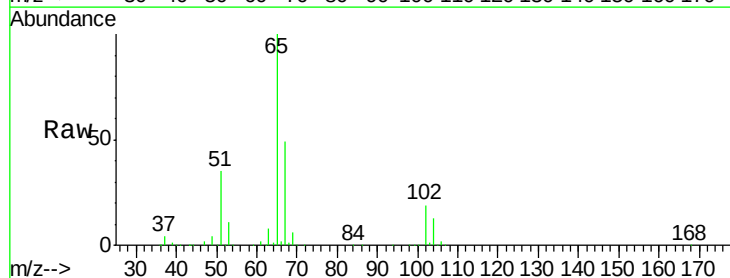


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

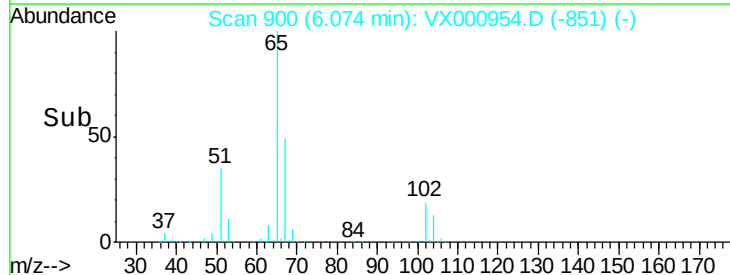
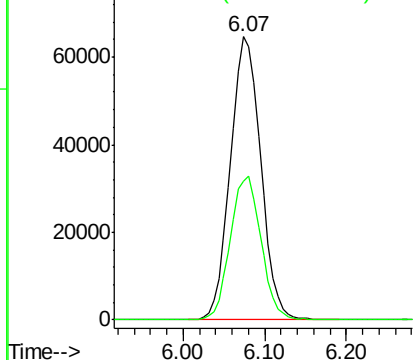


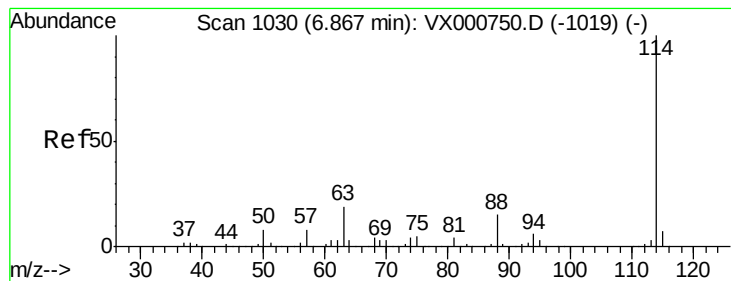
#33
1,2-Dichloroethane-d4
Concen: 50.260 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

Tgt Ion: 65 Resp: 166720
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

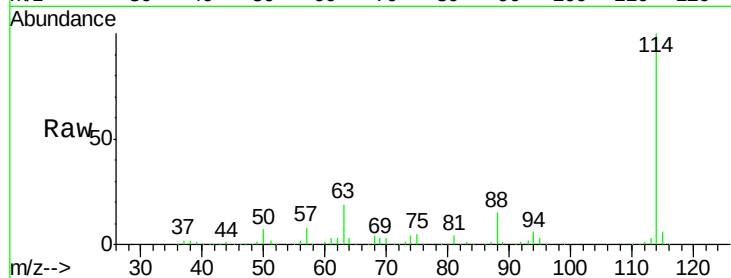
Tot Ion:114 Resp: 367917

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

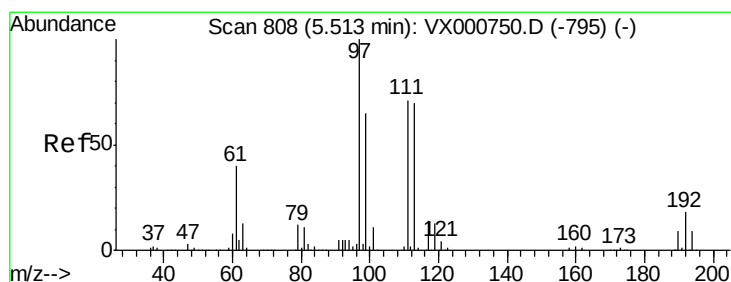
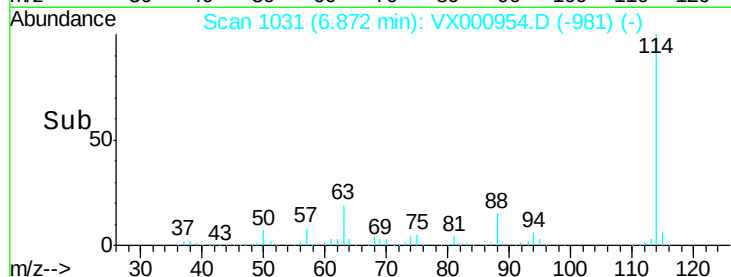
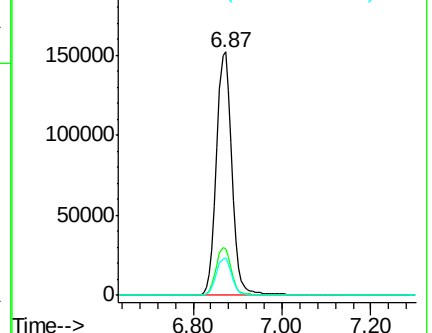
88 15.2 0.0 31.0



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: 45.761 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

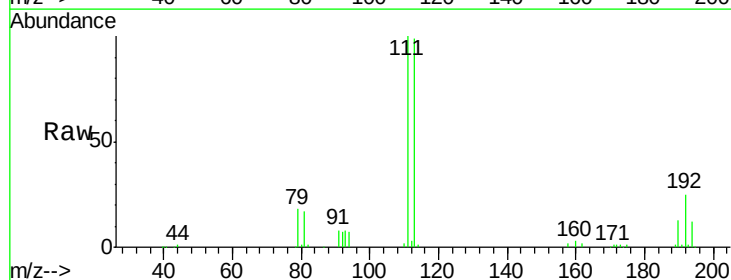
Tgt Ion:113 Resp: 129712

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

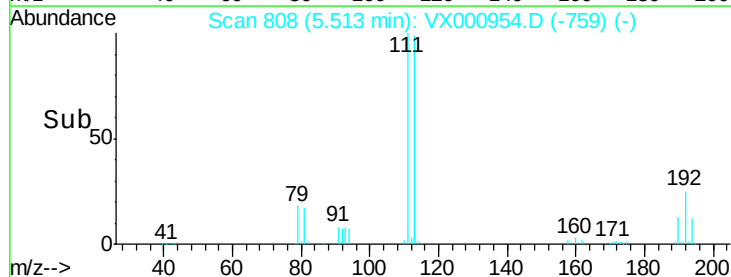
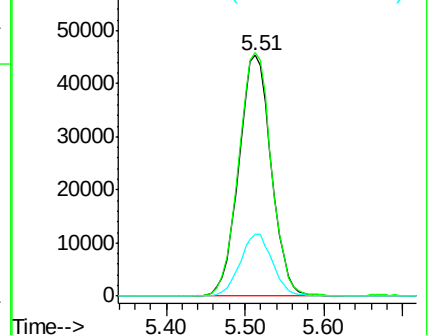
192 25.7 20.4 30.6

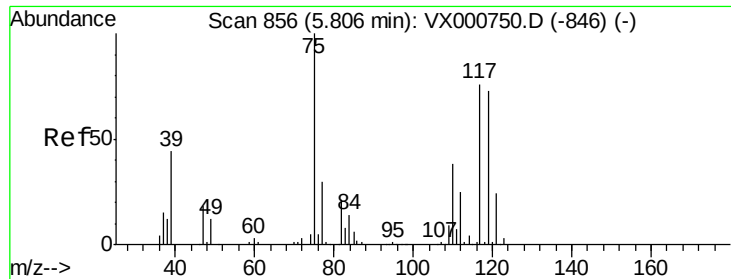


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

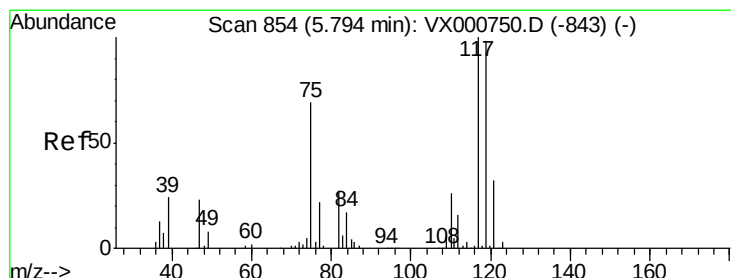
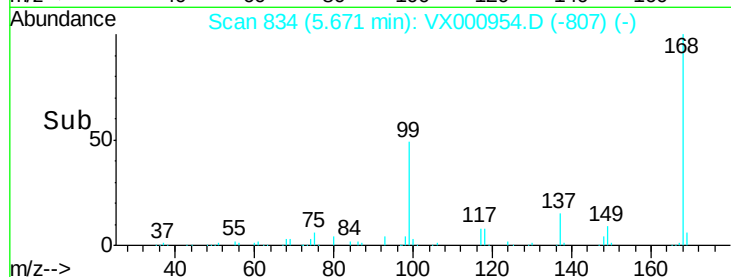
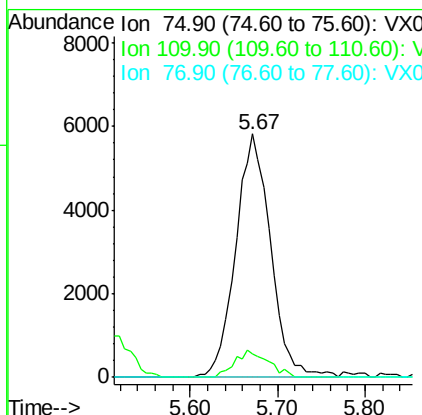
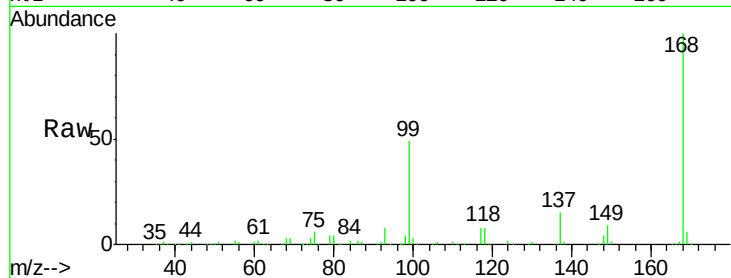




#36
 1,1-Dichloropropene
 Concen: 3.973 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000954.D
 Acq: 17 Apr 2018 07:06

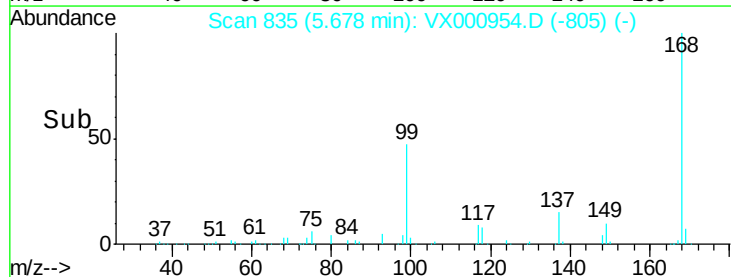
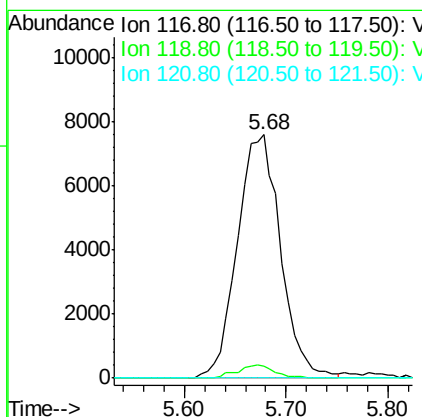
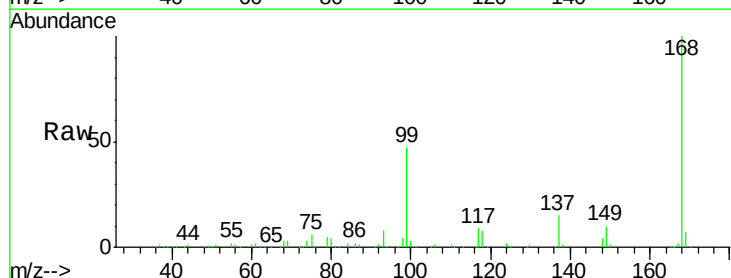
Instrument :
 MSVOA_X
 ClientSampleId :

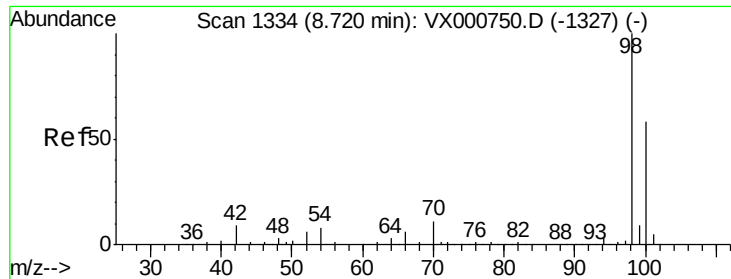
Tot Ion	75	Resp	16097
Ion Ratio	100	Lower	Upper
75	100		
110	10.8	19.2	57.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 4.930 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000954.D
 Acq: 17 Apr 2018 07:06

Tgt Ion	117	Resp	22357
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.9	78.4	117.6#
121	0.0	25.4	38.0#

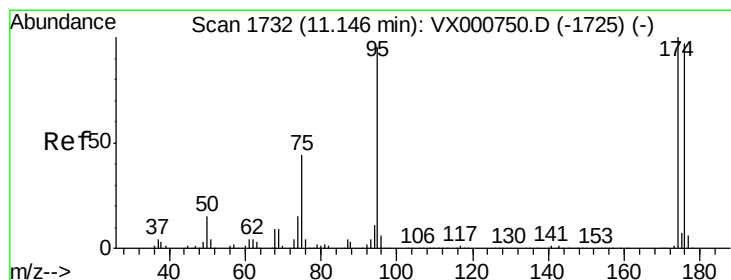
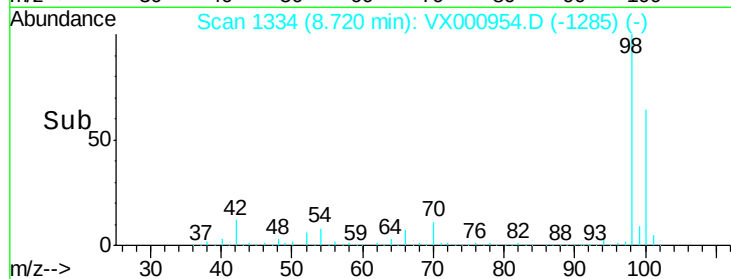
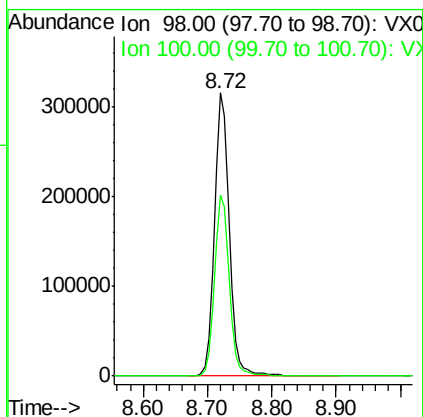
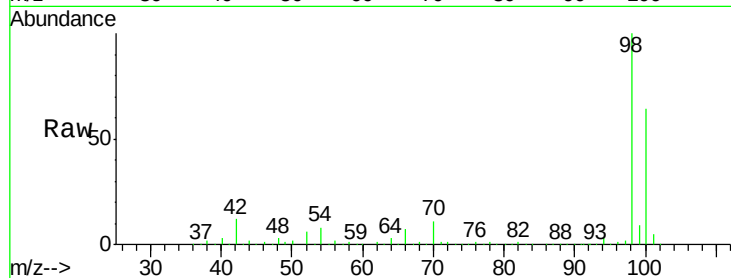




#50
Toluene-d8
Concen: 48.865 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

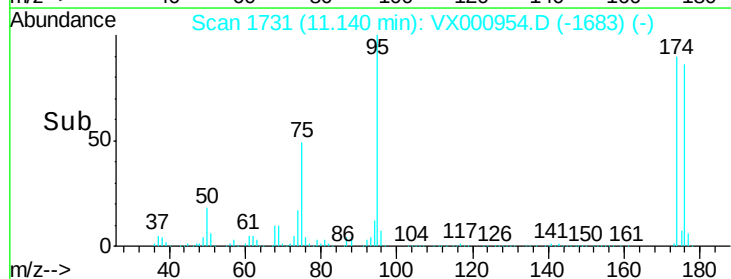
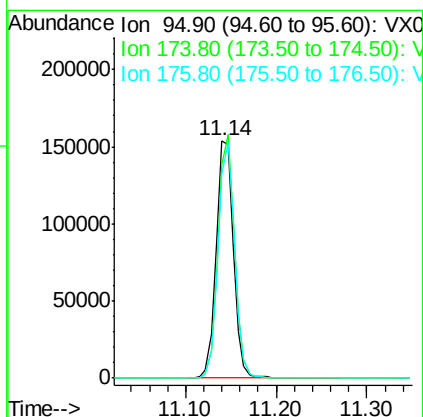
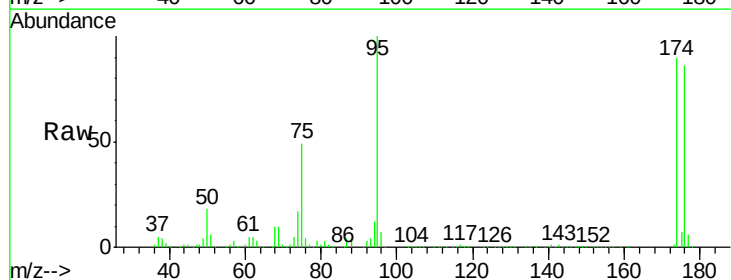
Instrument :
MSVOA_X
ClientSampleId :

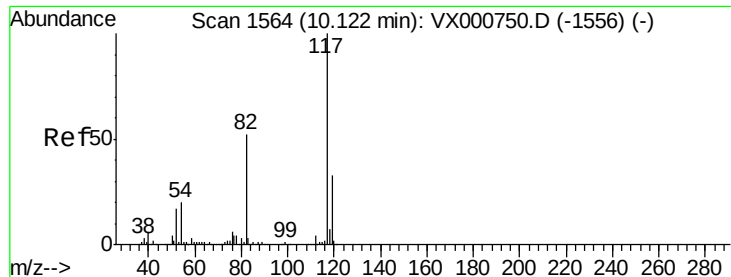
Tot Ion: 98 Resp: 515726
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 46.673 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

Tgt Ion: 95 Resp: 203802
Ion Ratio Lower Upper
95 100
174 98.4 0.0 198.4
176 95.7 0.0 194.4

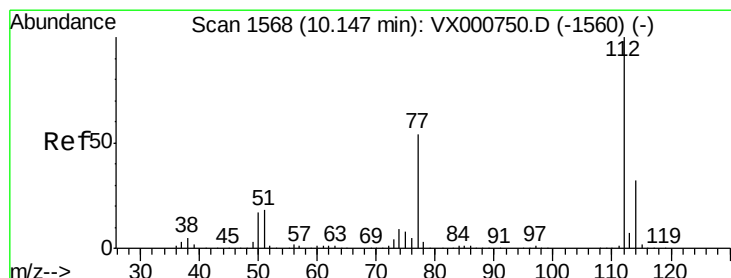
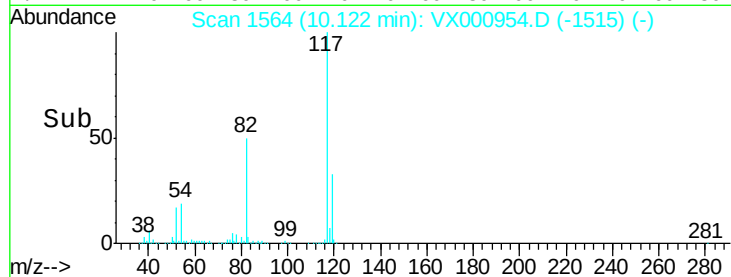
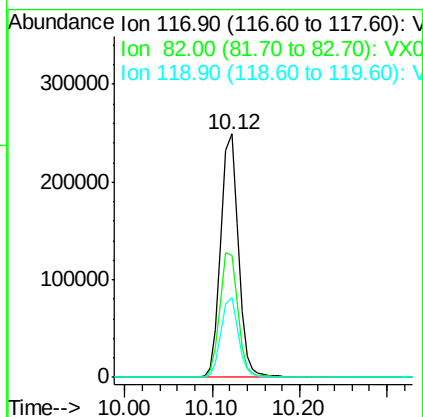
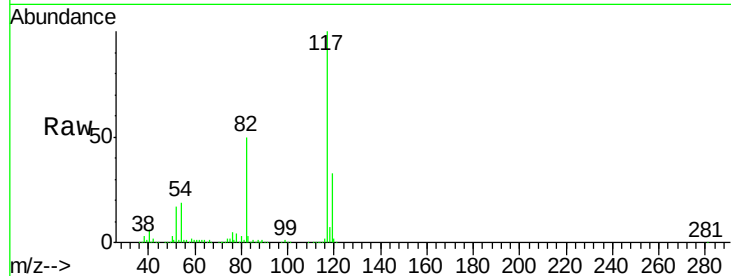




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

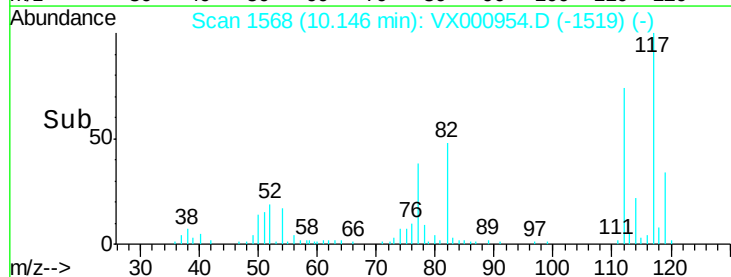
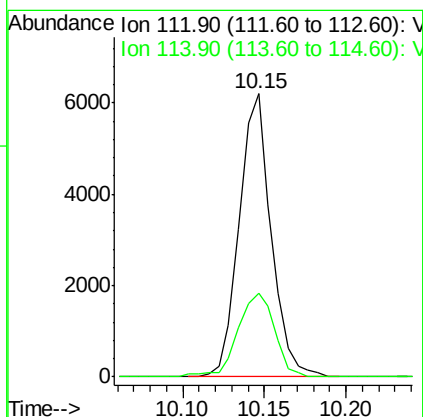
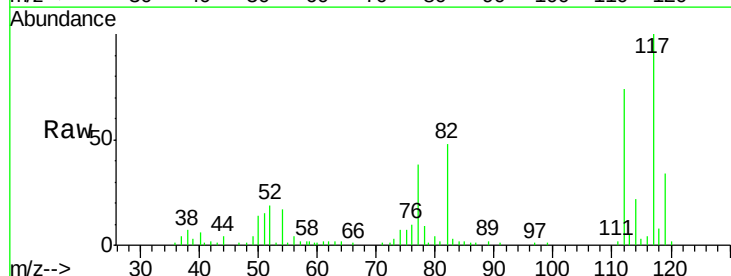
Instrument :
MSVOA_X
ClientSampleId :

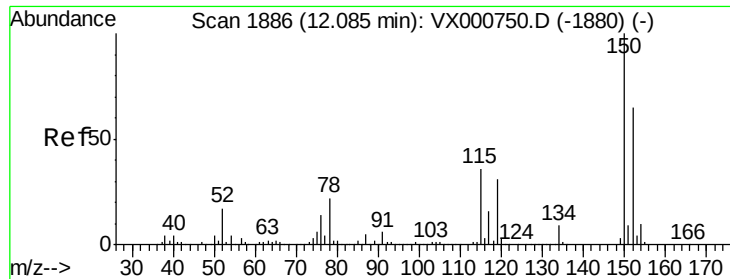
Tot Ion:117 Resp: 347140
Ion Ratio Lower Upper
117 100
82 50.4 41.9 62.9
119 32.6 26.0 39.0



#65
Chlorobenzene
Concen: 0.970 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

Tgt Ion:112 Resp: 8468
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

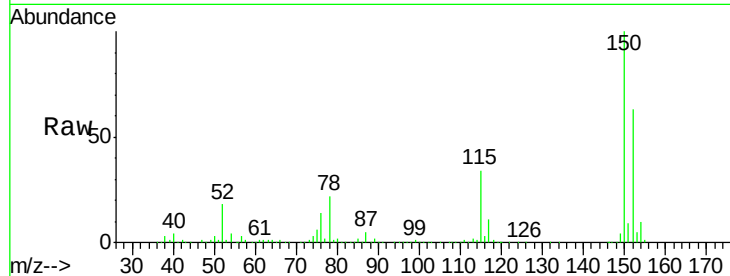
Tot Ion:152 Resp: 231998

Ion Ratio Lower Upper

152 100

115 53.1 37.9 113.7

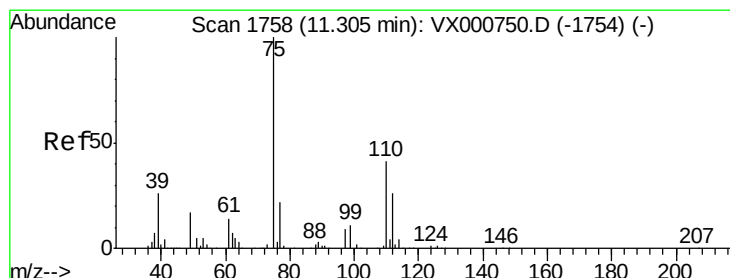
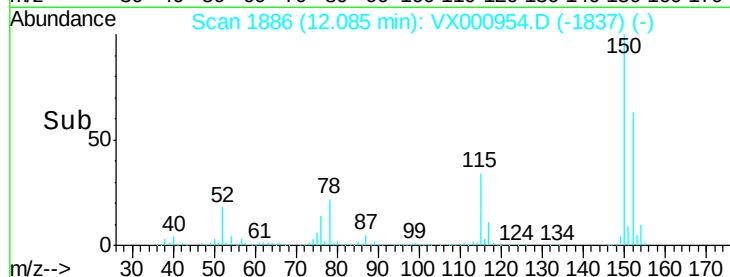
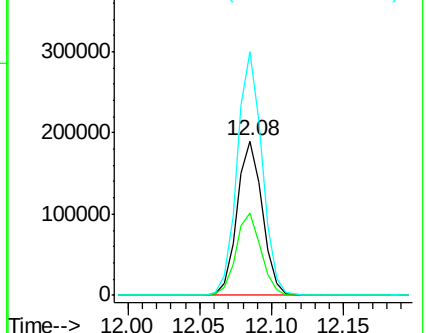
150 155.8 0.0 348.0



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: 25.001 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000954.D

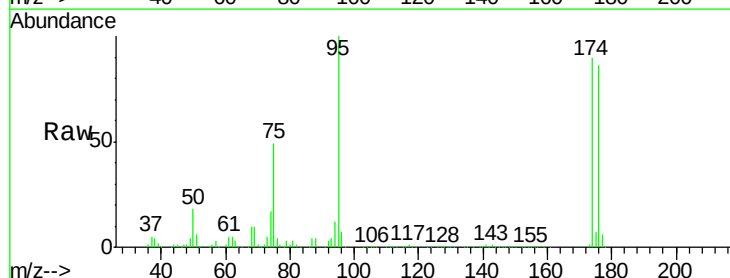
Acq: 17 Apr 2018 07:06

Tgt Ion: 75 Resp: 100030

Ion Ratio Lower Upper

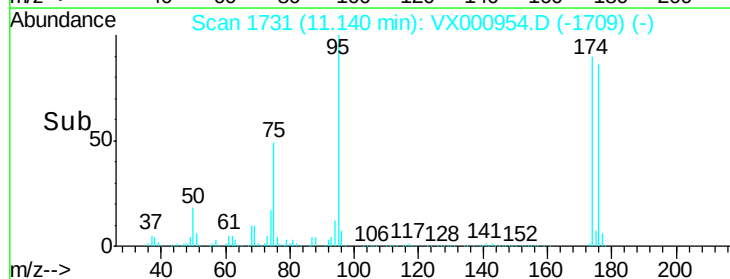
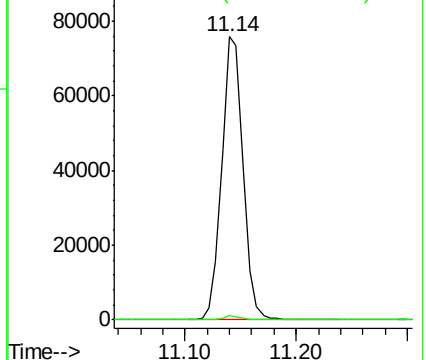
75 100

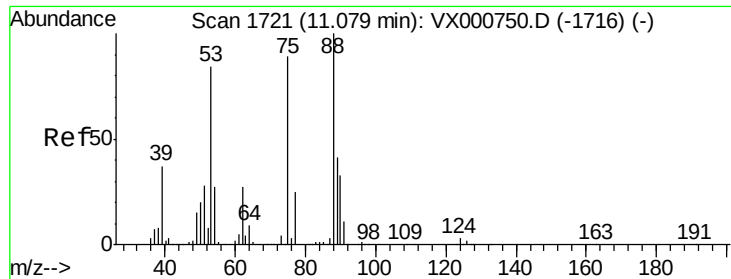
77 1.3 20.5 61.5#



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: 68.772 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX000954.D
 Acq: 17 Apr 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 100030
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 40.9 61.3#

