

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000453.D
 Acq On : 26 Mar 2018 20:28
 Operator : JC/MD
 Sample : J2056-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 05:56:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

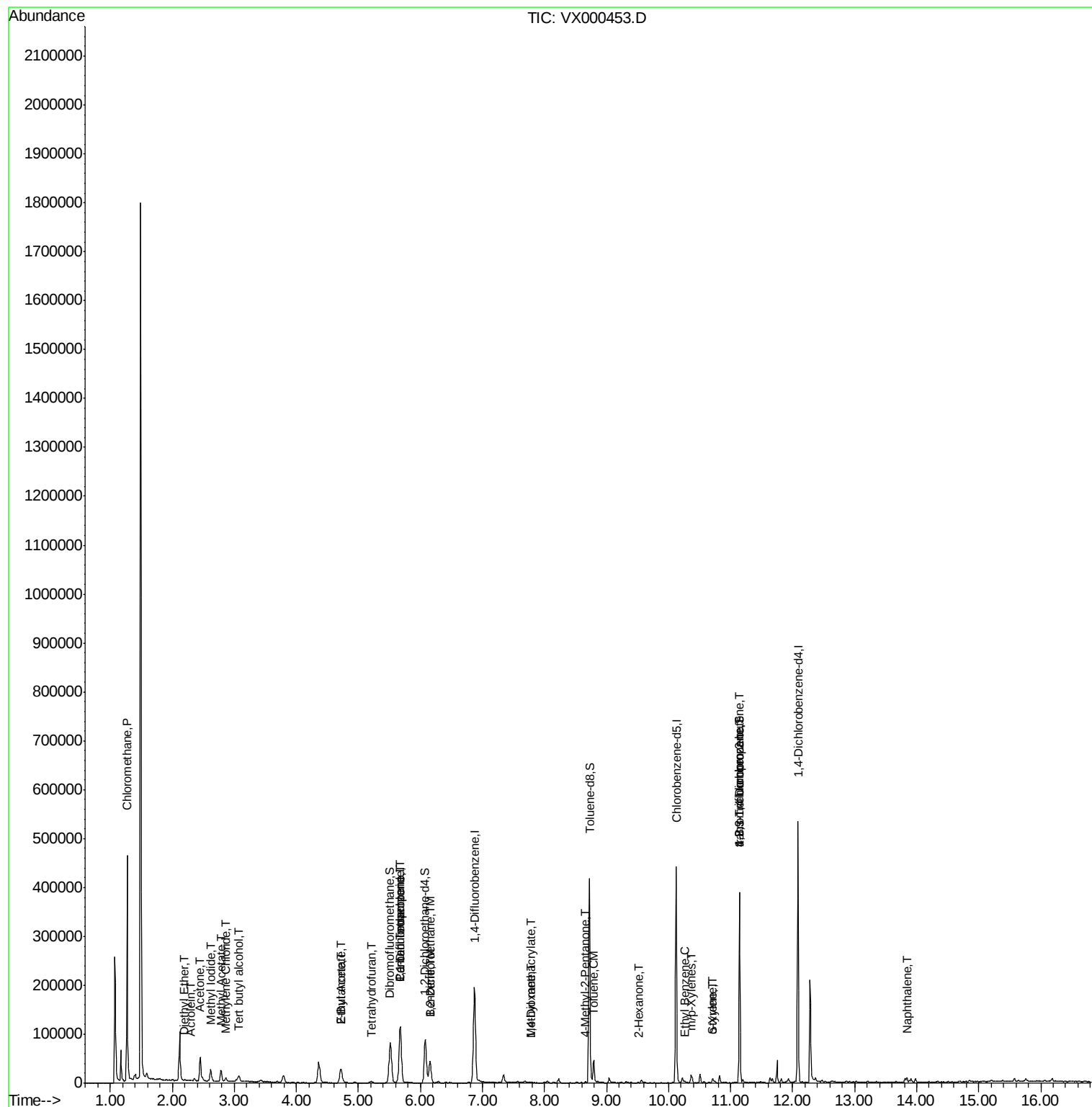
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	111003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82902	57.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.42%	
35) Dibromofluoromethane	5.51	113	63800	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.73	98	250058	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.15	95	86130	40.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.24%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.27	50	8289	6.432	ug/l #	40
6) Chloroethane	1.75	64	1046	Below Cal	#	44
8) Diethyl Ether	2.19	74	267	0.304	ug/l #	4
10) Methyl Iodide	2.62	142	45	4.306	ug/l #	37
11) Tert butyl alcohol	3.07	59	15552	31.203	ug/l	97
13) Acrolein	2.29	56	285	16.265	ug/l #	34
14) Allyl chloride	2.71	41	166	Below Cal	#	7
16) Acetone	2.45	43	51277	42.540	ug/l	99
18) Methyl Acetate	2.79	43	26891	10.641	ug/l	99
20) Methylene Chloride	2.86	84	2948	2.117	ug/l #	88
25) 2-Butanone	4.71	43	52329	38.623	ug/l	99
29) Tetrahydrofuran	5.20	42	333	0.399	ug/l #	57
36) 1,1-Dichloropropene	5.68	75	8605	4.554	ug/l #	42
37) Ethyl Acetate	4.71	43	52329	20.277	ug/l #	69
38) Carbon Tetrachloride	5.68	117	11087	5.594	ug/l #	17
40) Benzene	6.16	78	50099	9.131	ug/l	93
42) 1,2-Dichloroethane	6.15	62	464	0.216	ug/l #	78
48) Methyl methacrylate	7.79	41	473	0.254	ug/l #	31
49) 1,4-Dioxane	7.78	88	261	6.658	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	1671	0.562	ug/l	96
52) Toluene	8.79	92	15621	4.072	ug/l	97
59) 2-Hexanone	9.51	43	749	0.297	ug/l	63
67) Ethyl Benzene	10.26	91	1975	0.275	ug/l #	79
68) m/p-Xylenes	10.37	106	3298	1.167	ug/l	88
69) o-Xylene	10.71	106	1571	0.574	ug/l	87
70) Styrene	10.72	104	1629	0.360	ug/l #	89
74) N-amyl acetate	6.48	43	403	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	49900	23.273	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	49900	75.347	ug/l #	9
95) Naphthalene	13.85	128	4885	0.599	ug/l	98

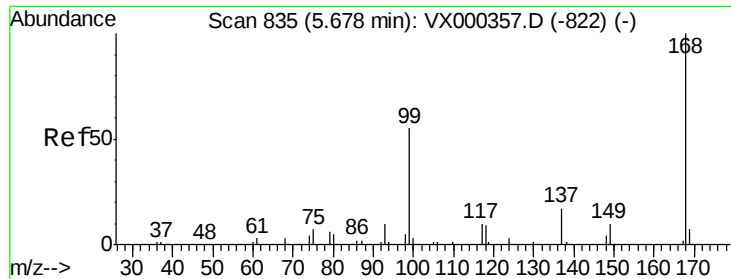
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

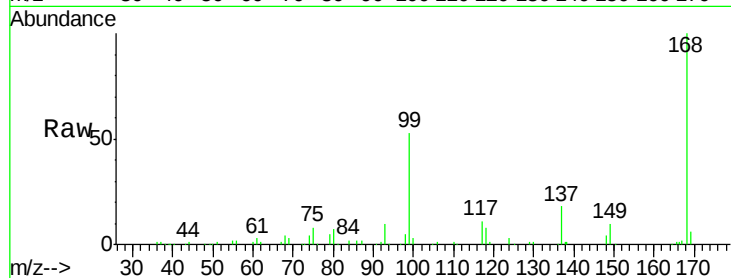
ClientSampled :

Tot Ion:168 Resp: 111003

Ion Ratio Lower Upper

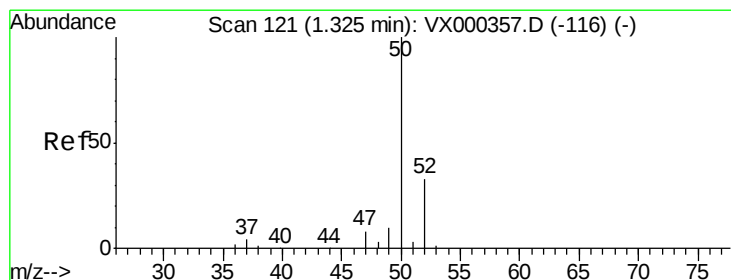
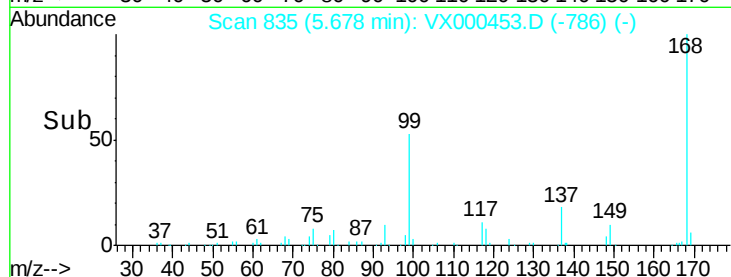
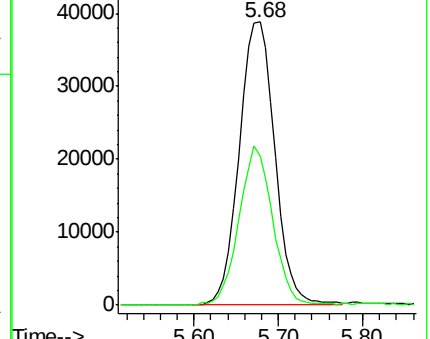
168 100

99 52.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 6.432 ug/l

RT: 1.27 min Scan# 112

Delta R.T. -0.05 min

Lab File: VX000453.D

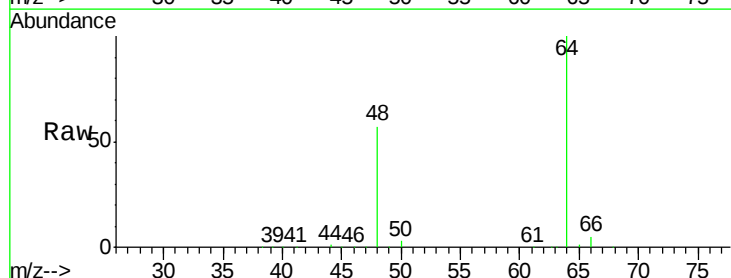
Acq: 26 Mar 2018 20:28

Tgt Ion: 50 Resp: 8289

Ion Ratio Lower Upper

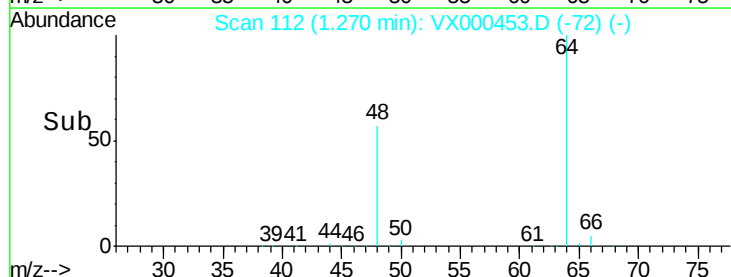
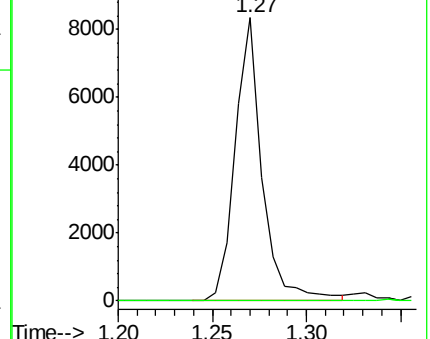
50 100

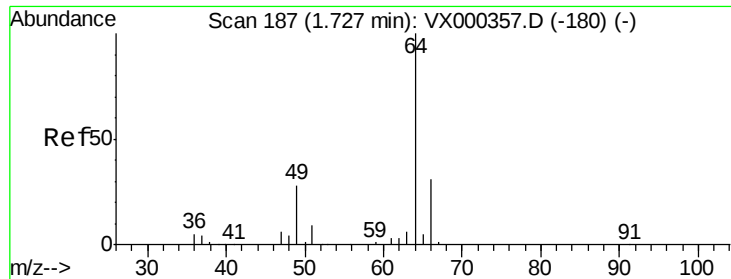
52 0.0 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

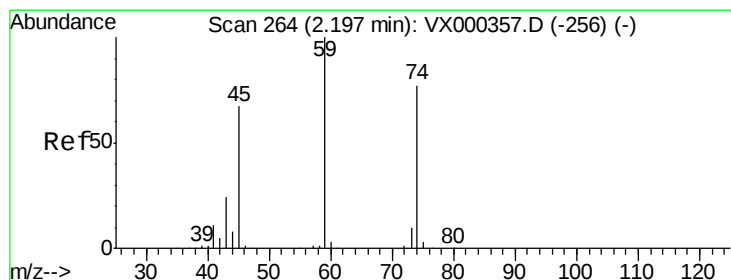
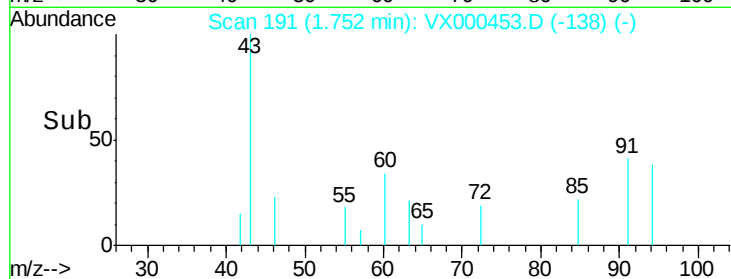
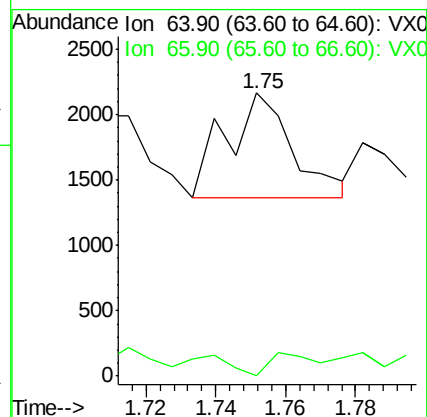
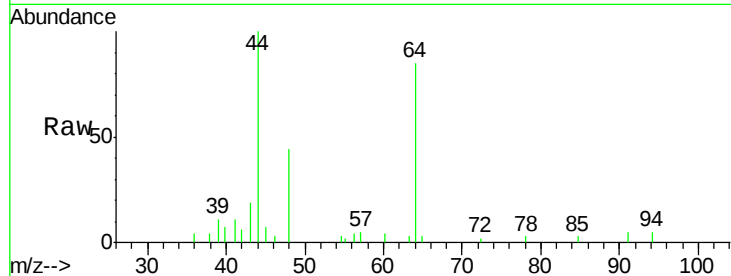
ClientSampleId :

Tot Ion: 64 Resp: 1046

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



#8

Diethyl Ether

Concen: 0.304 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000453.D

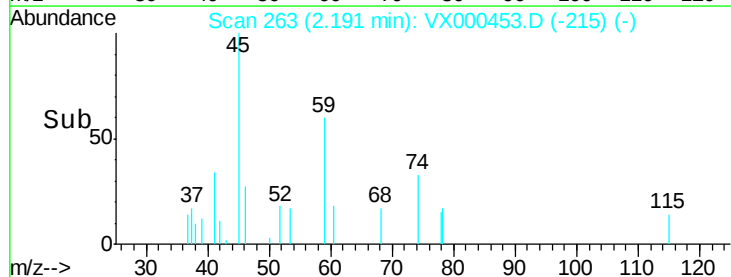
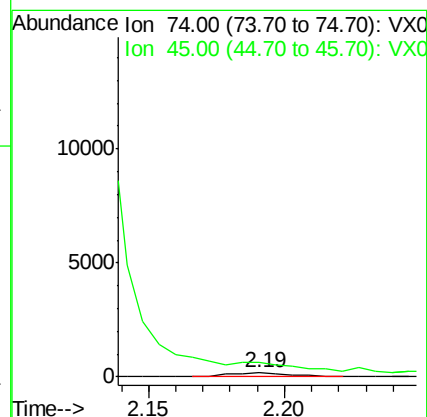
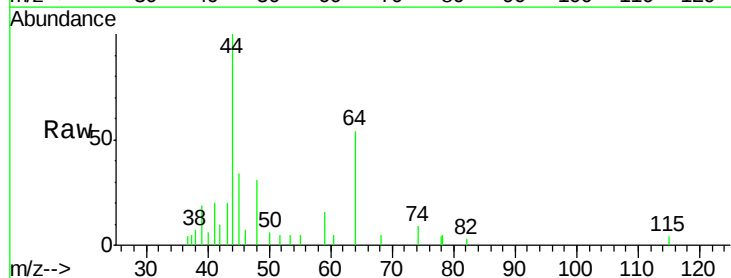
Acq: 26 Mar 2018 20:28

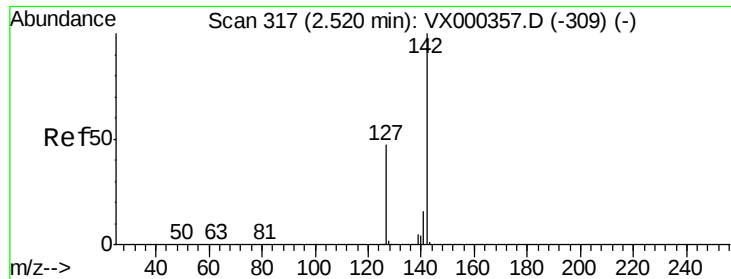
Tgt Ion: 74 Resp: 267

Ion Ratio Lower Upper

74 100

45 0.0 45.1 135.3#

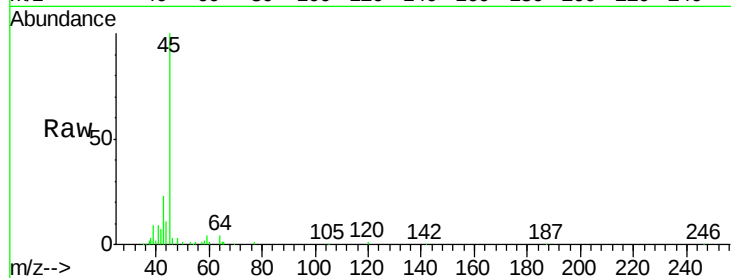




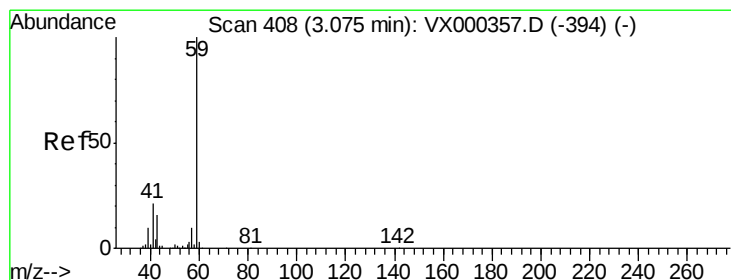
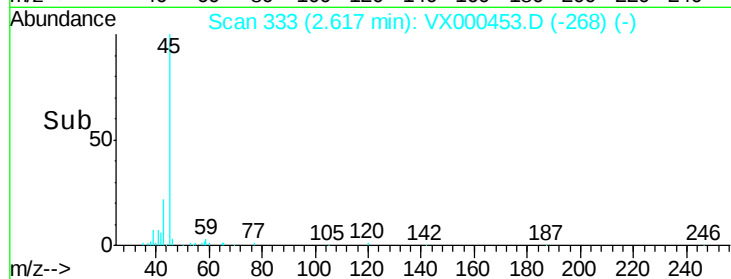
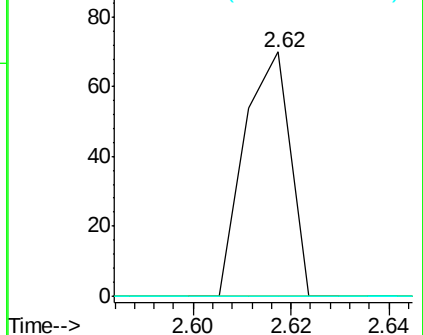
#10
Methvl Iodide
Concen: 4.306 ug/l
RT: 2.62 min Scan# 333
Delta R.T. 0.10 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

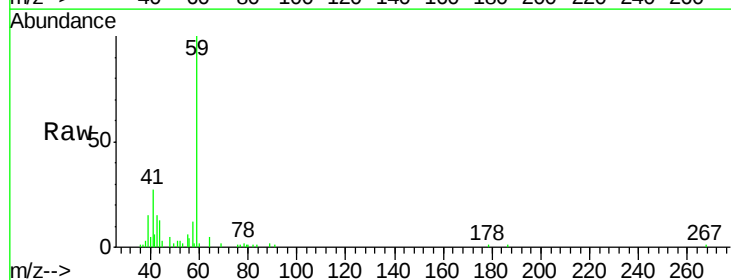


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

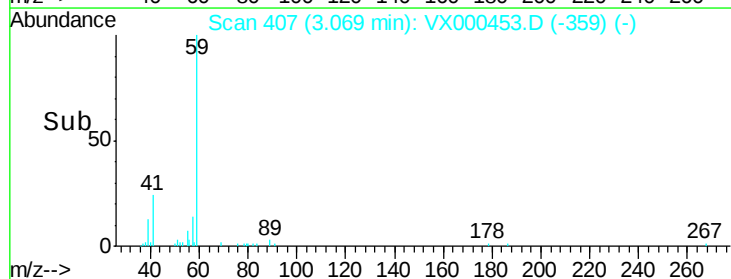
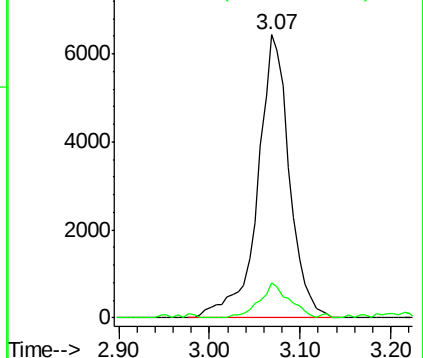


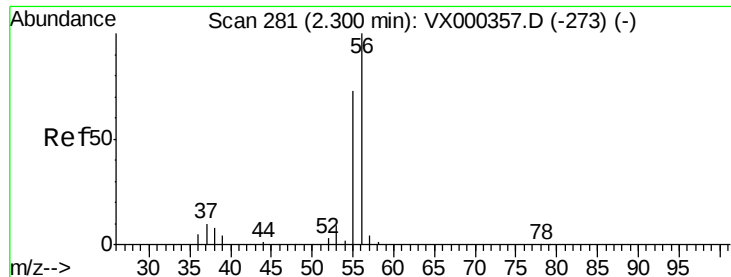
#11
Tert butyl alcohol
Concen: 31.203 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion: 59 Resp: 15552
Ion Ratio Lower Upper
59 100
57 11.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 16.265 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

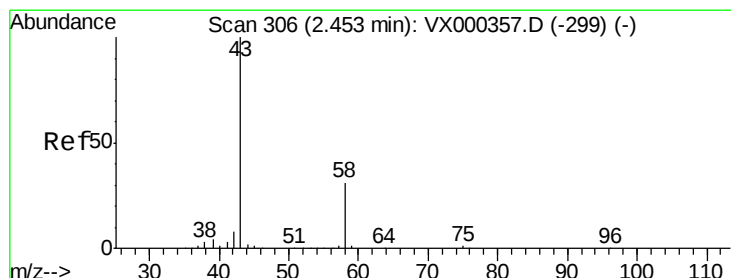
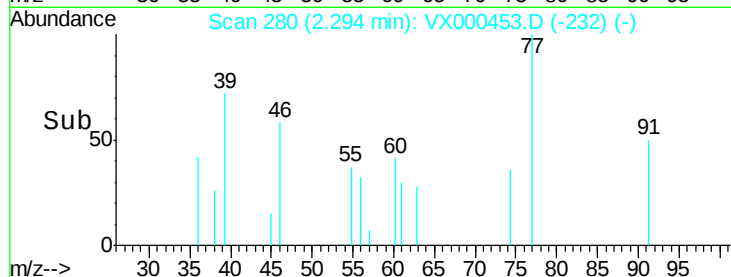
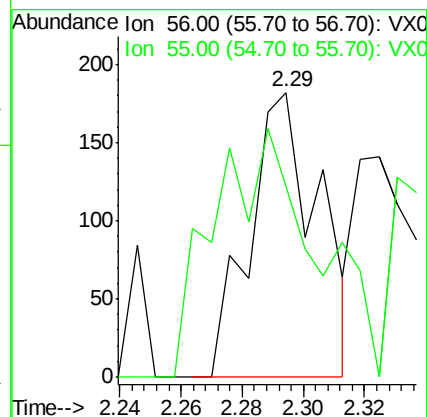
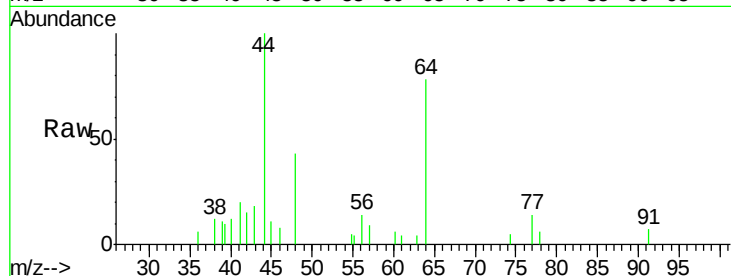
ClientSampled :

Tot Ion: 56 Resp: 285

Ion Ratio Lower Upper

56 100

55 129.5 58.8 88.2#



#16

Acetone

Concen: 42.540 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000453.D

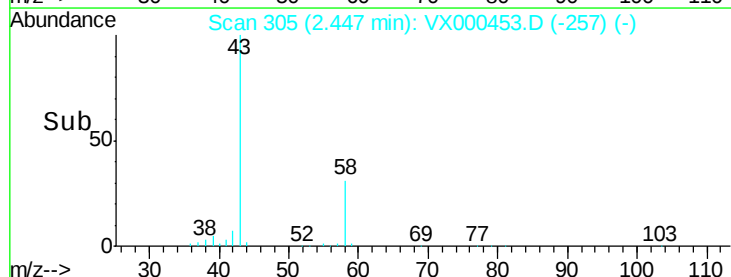
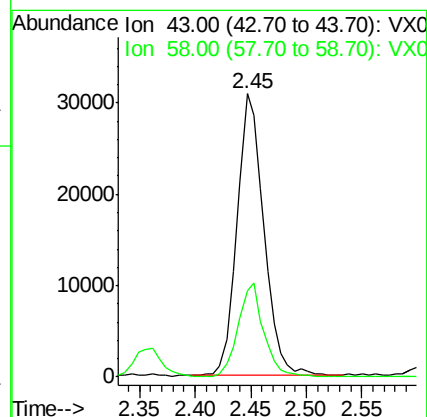
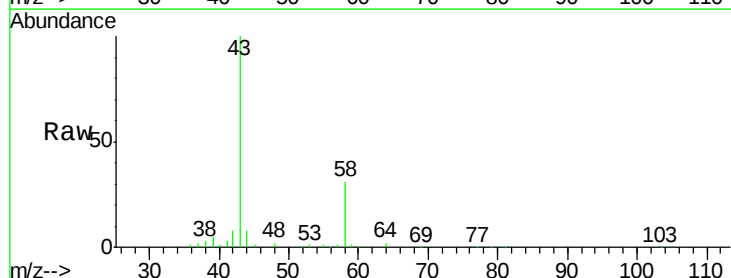
Acq: 26 Mar 2018 20:28

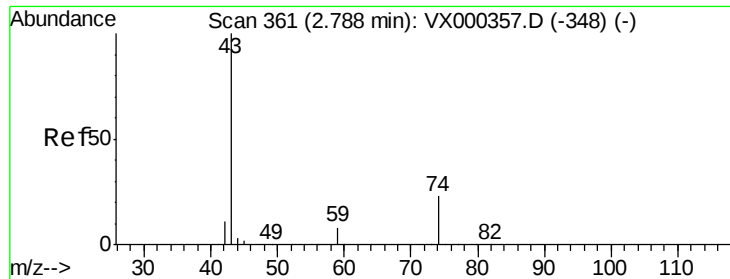
Tgt Ion: 43 Resp: 51277

Ion Ratio Lower Upper

43 100

58 30.6 24.7 37.1

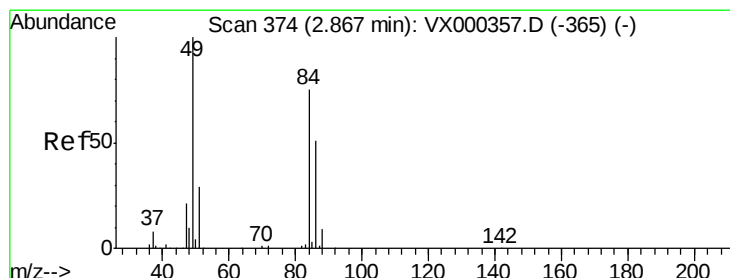
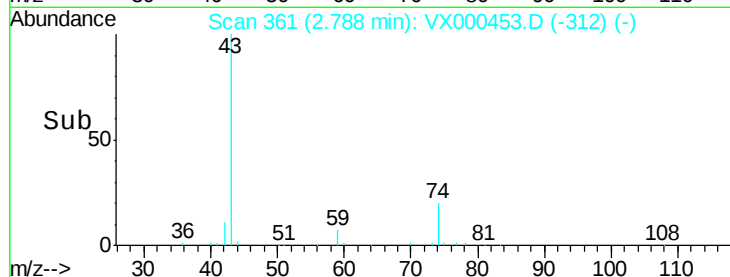
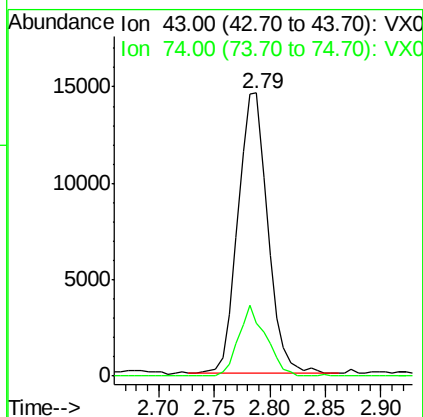
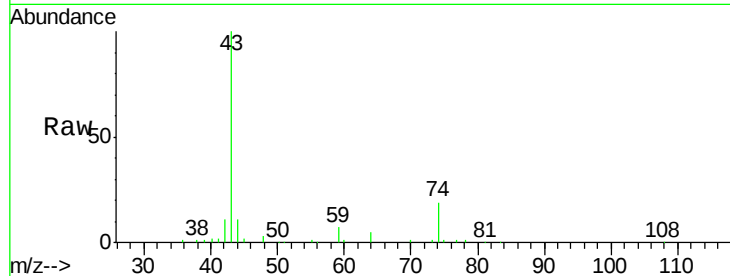




#18
Methyl Acetate
Concen: 10.641 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

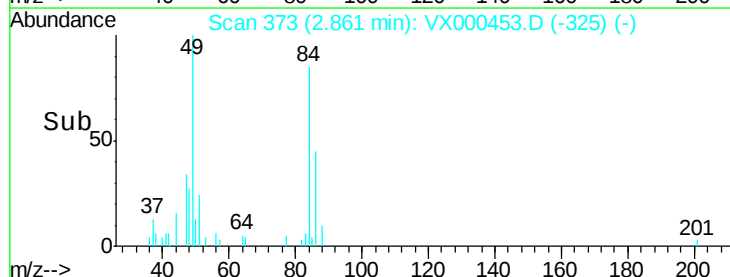
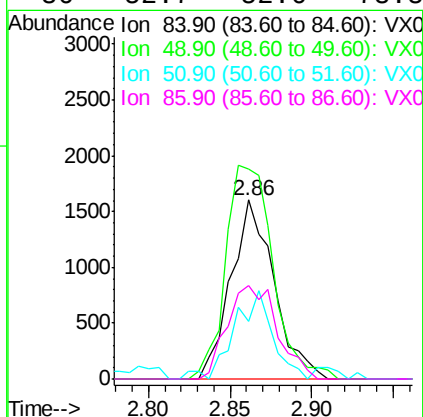
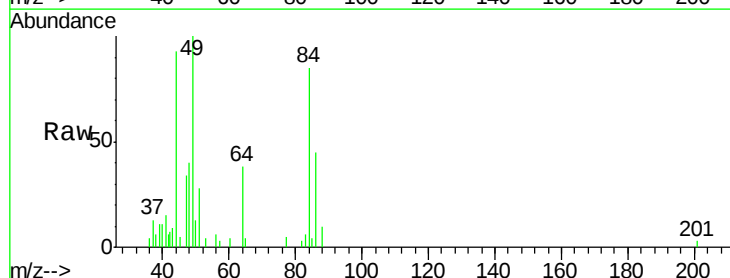
Instrument :
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ClientSampleId :

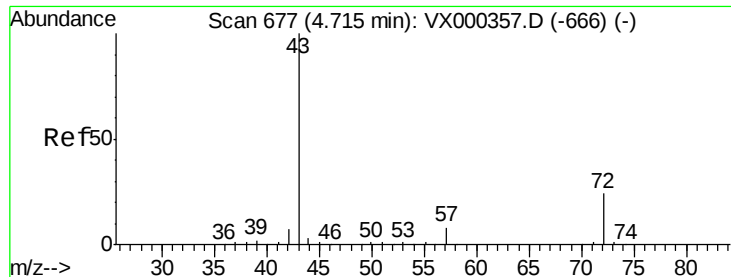
Tot Ion: 43 Resp: 26891
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2



#20
Methylene Chloride
Concen: 2.117 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion: 84 Resp: 2948
Ion Ratio Lower Upper
84 100
49 117.4 100.6 151.0
51 27.7 31.6 47.4#
86 52.7 52.6 78.8

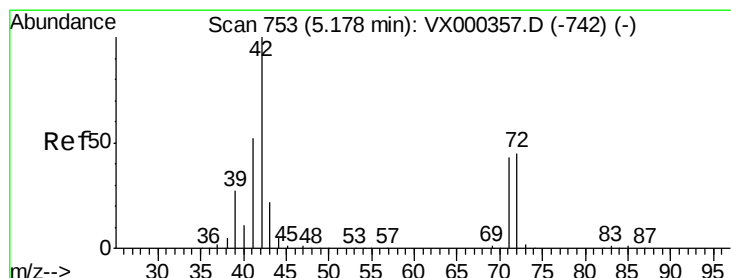
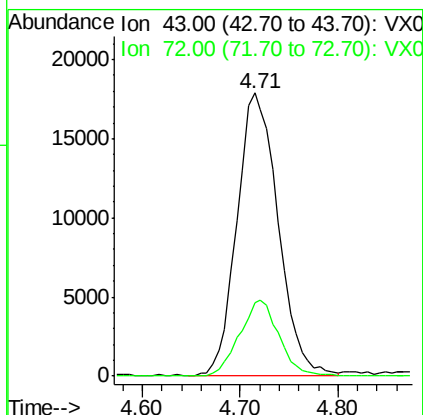
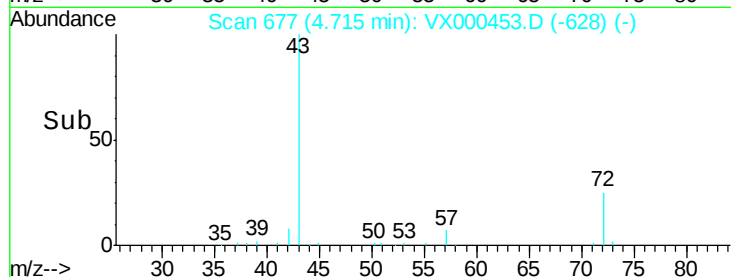
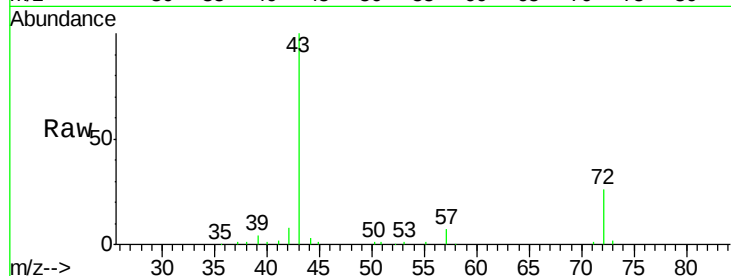




#25
2-Butanone
Concen: 38.623 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

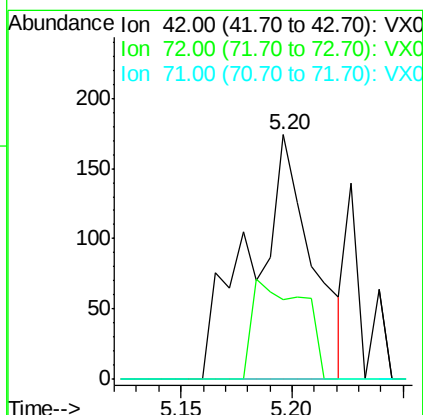
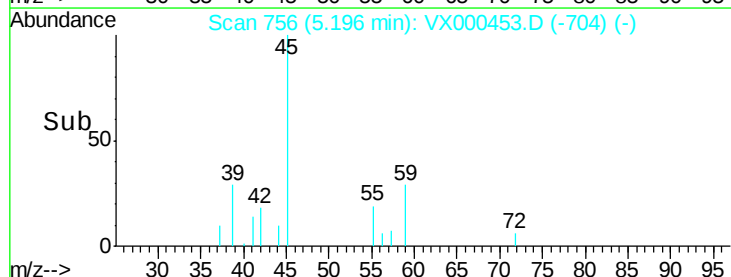
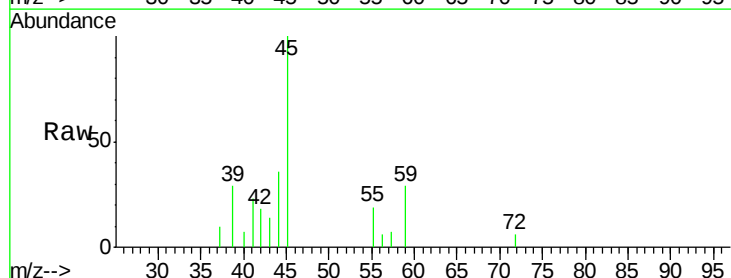
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MSVOA_X
ClientSampleId :

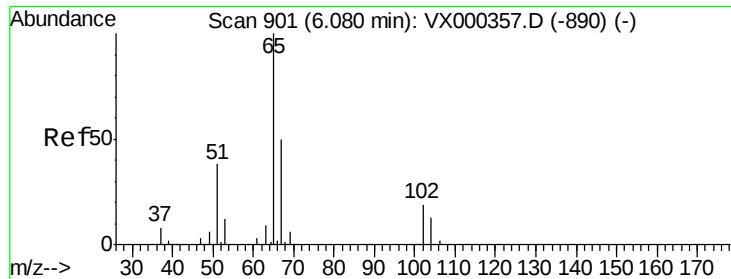
Tot Ion: 43 Resp: 52329
Ion Ratio Lower Upper
43 100
72 25.9 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.399 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion: 42 Resp: 333
Ion Ratio Lower Upper
42 100
72 33.3 37.9 56.9#
71 0.0 34.4 51.6#





#33

1,2-Dichloroethane-d4

Concen: 57.214 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

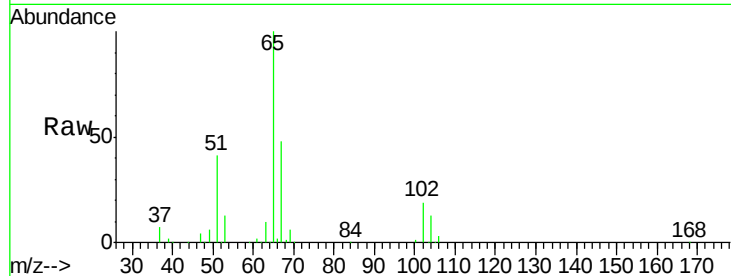
ClientSampleId :

Tot Ion: 65 Resp: 82902

Ion Ratio Lower Upper

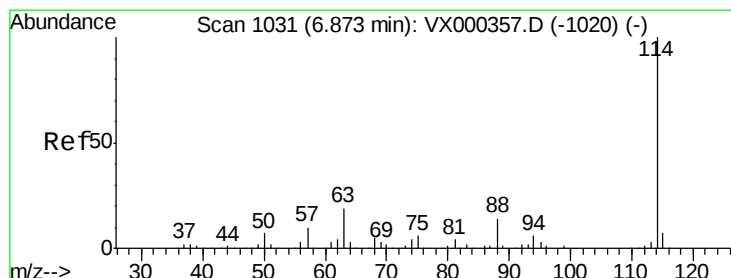
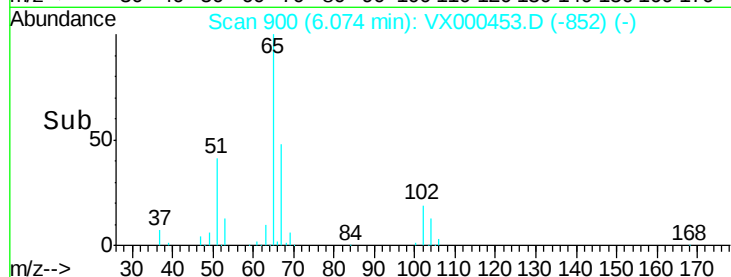
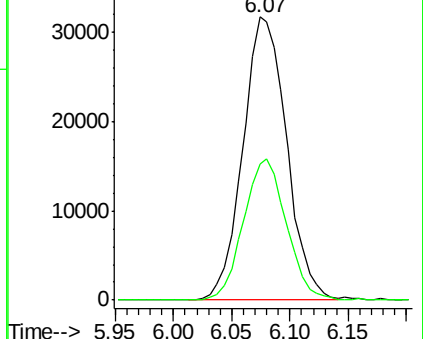
65 100

67 49.0 0.0 103.2



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. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

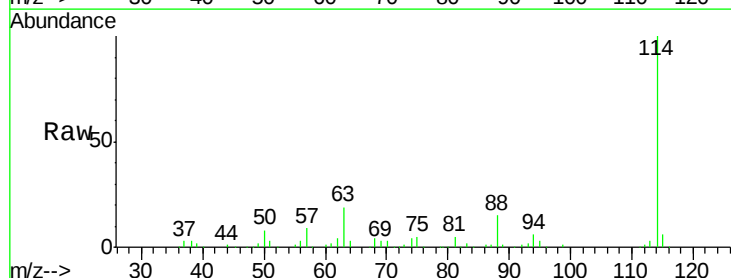
Tgt Ion: 114 Resp: 201700

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

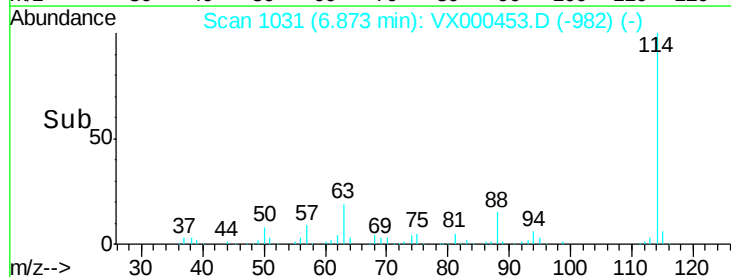
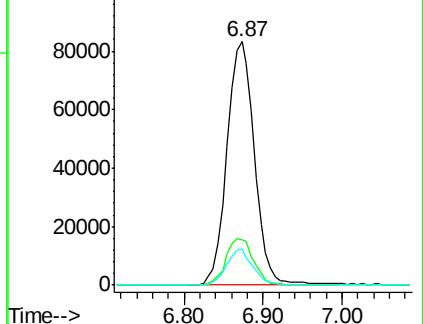
88 14.9 0.0 27.0

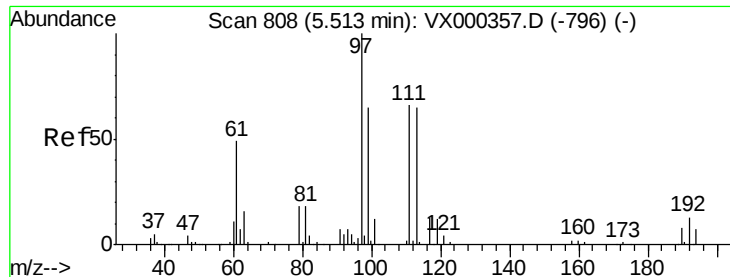


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.201 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

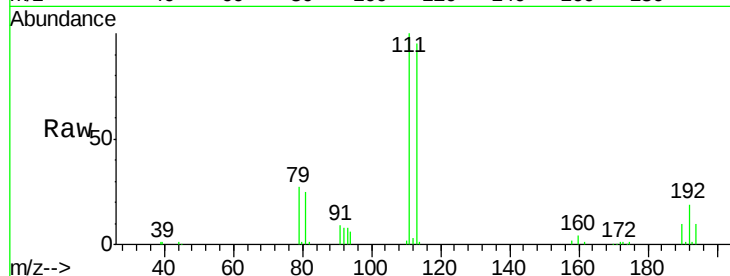
Tot Ion:113 Resp: 63800

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

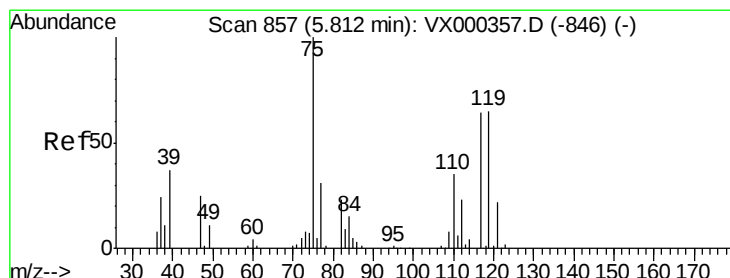
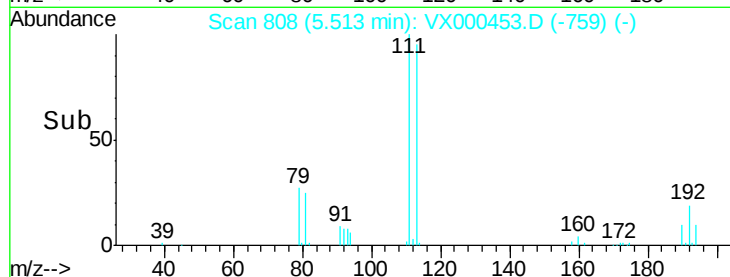
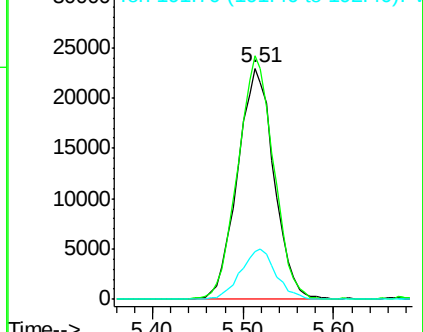
192 20.9 15.8 23.6



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: 4.554 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

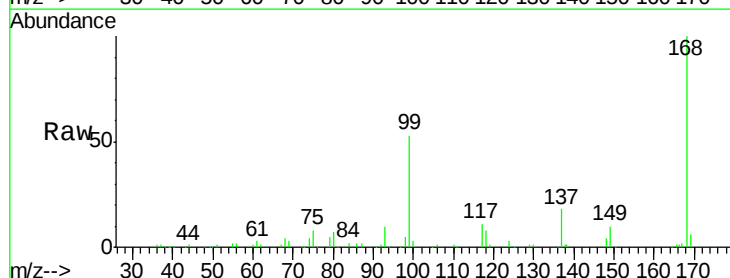
Tgt Ion: 75 Resp: 8605

Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.7#

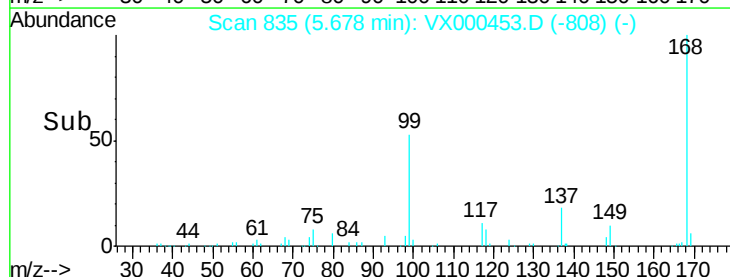
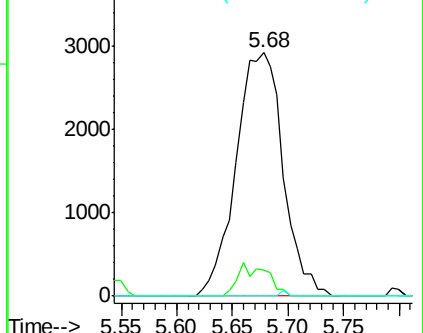
77 0.3 24.0 36.0#

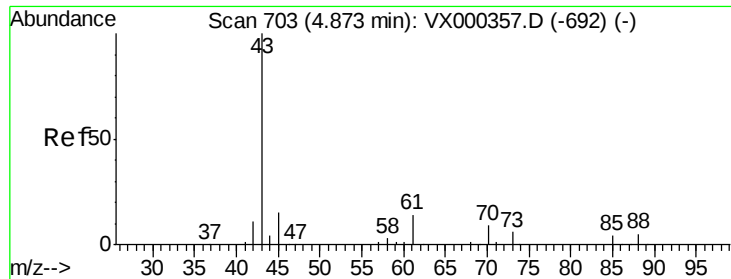


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

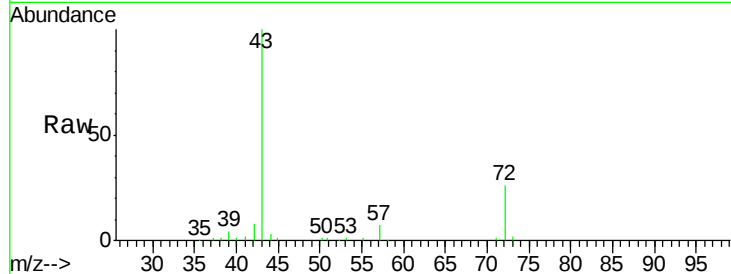




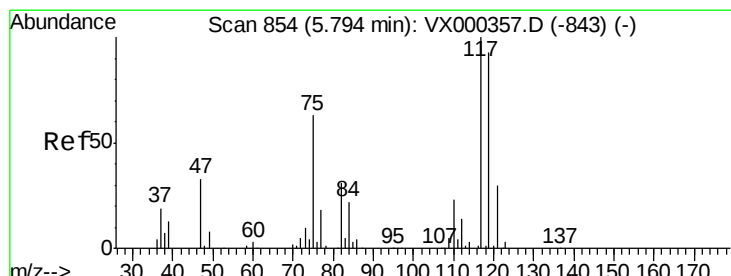
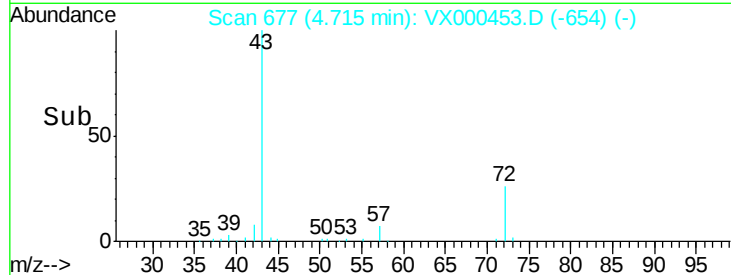
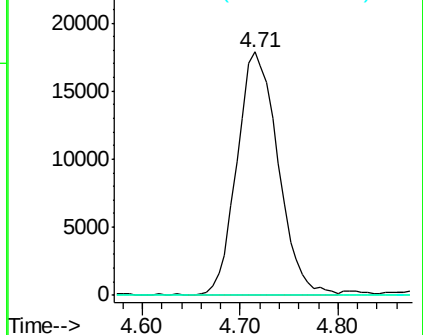
#37
Ethyl Acetate
Concen: 20.277 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.16 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 52329
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 7.7 11.5#

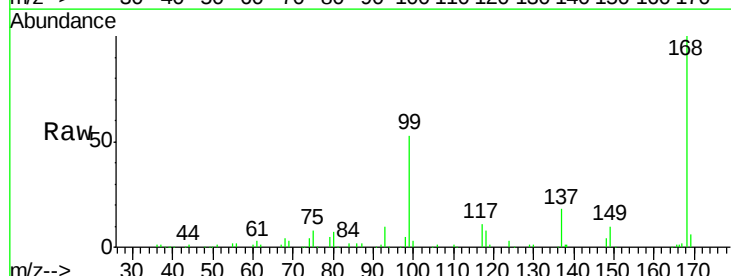


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

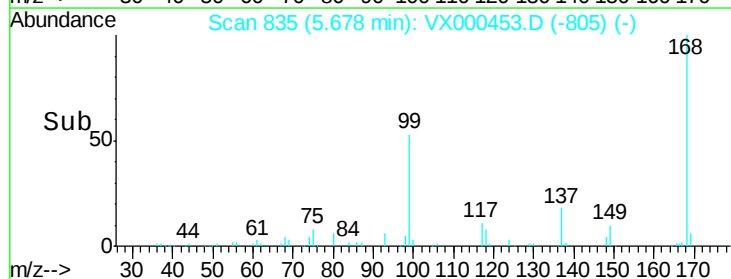
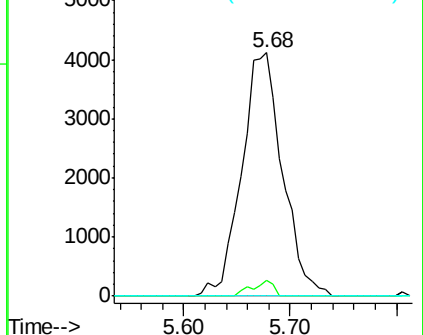


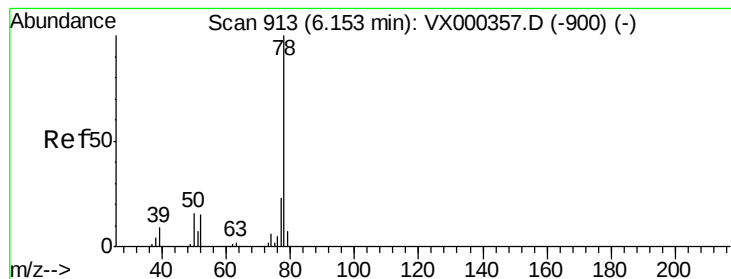
#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion: 117 Resp: 11087
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.2#
121 0.0 24.8 37.2#



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





#40

Benzene

Concen: 9.131 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

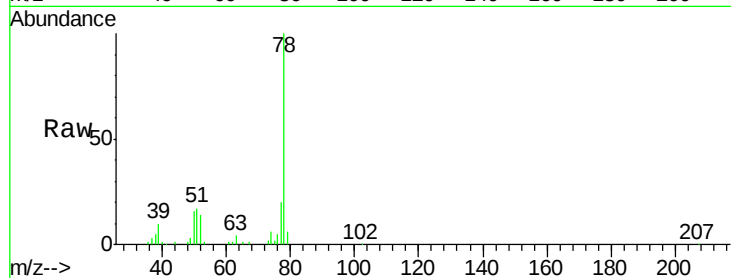
ClientSampleId :

Tot Ion: 78 Resp: 50099

Ion Ratio Lower Upper

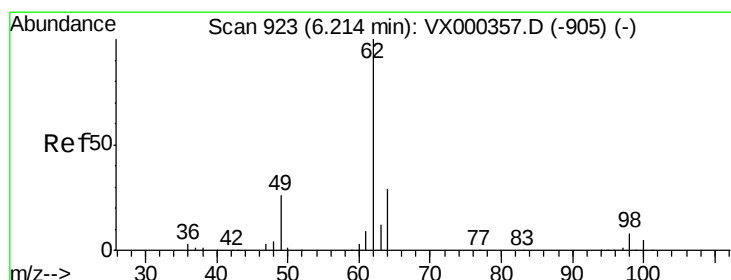
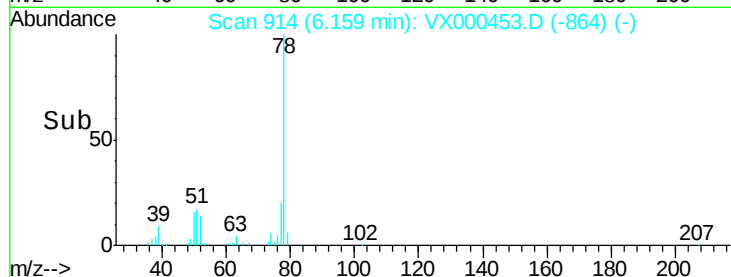
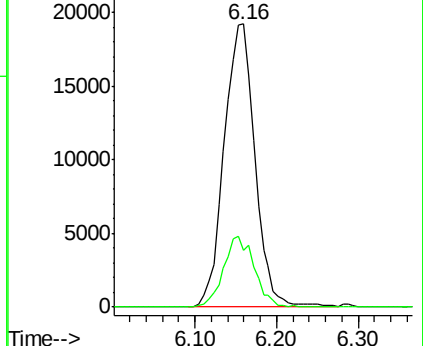
78 100

77 20.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.216 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.06 min

Lab File: VX000453.D

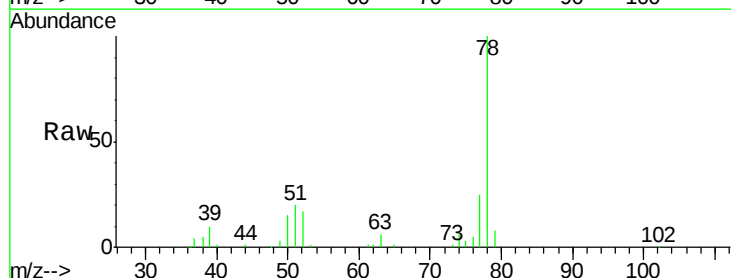
Acq: 26 Mar 2018 20:28

Tgt Ion: 62 Resp: 464

Ion Ratio Lower Upper

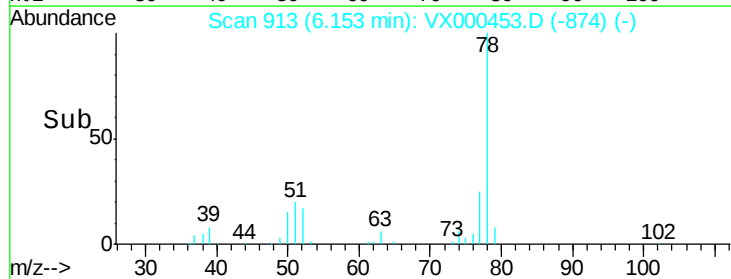
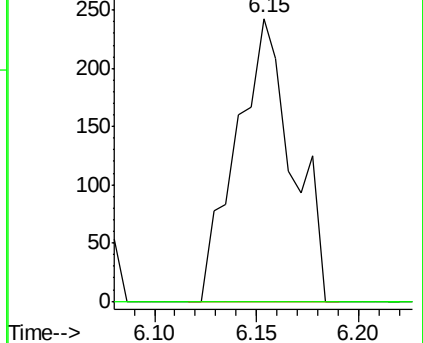
62 100

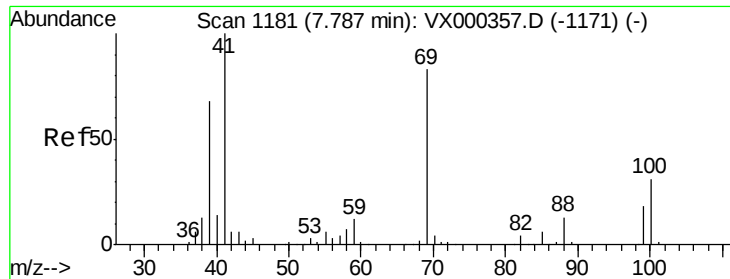
98 0.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#48

Methyl methacrylate

Concen: 0.254 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampled :

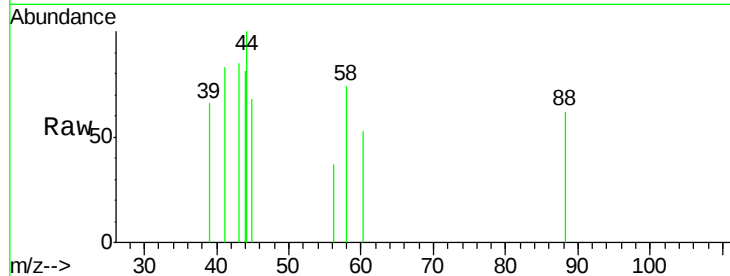
Tot Ion: 41 Resp: 473

Ion Ratio Lower Upper

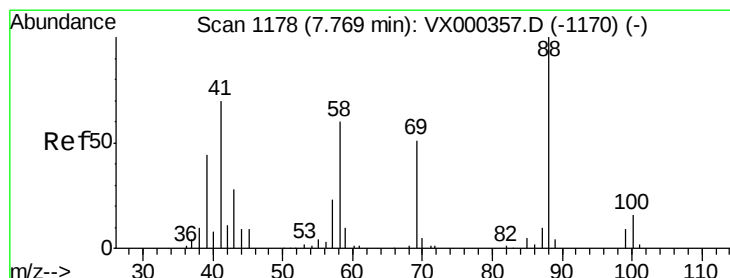
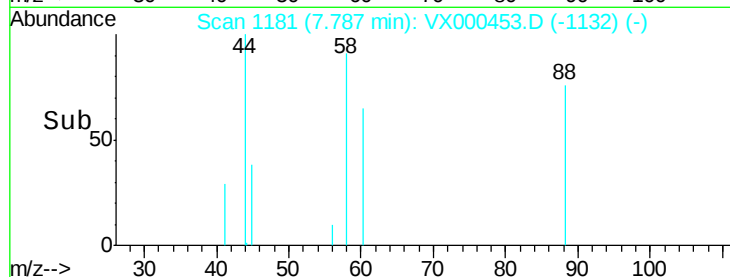
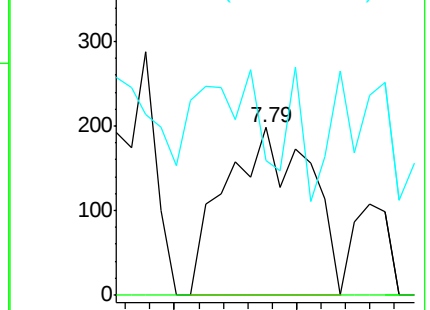
41 100

69 0.0 68.2 102.4#

39 36.8 54.6 81.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 6.658 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

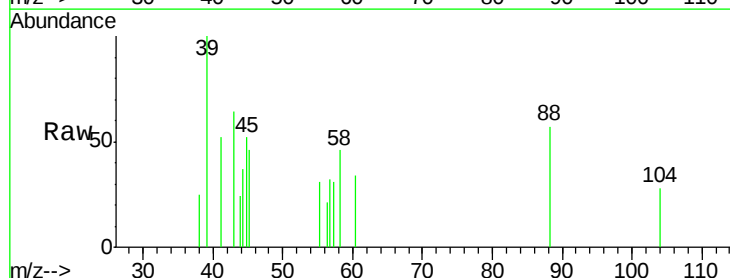
Tgt Ion: 88 Resp: 261

Ion Ratio Lower Upper

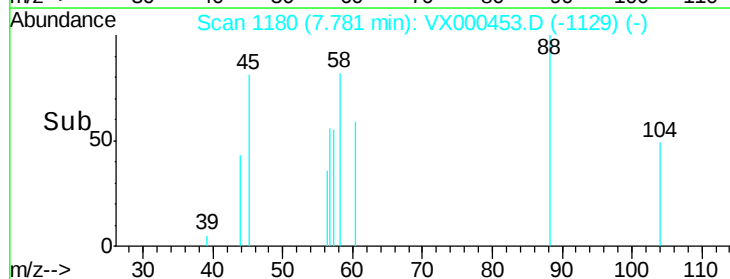
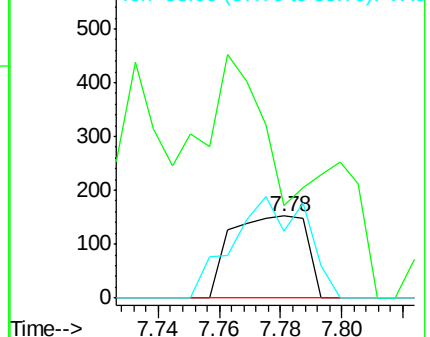
88 100

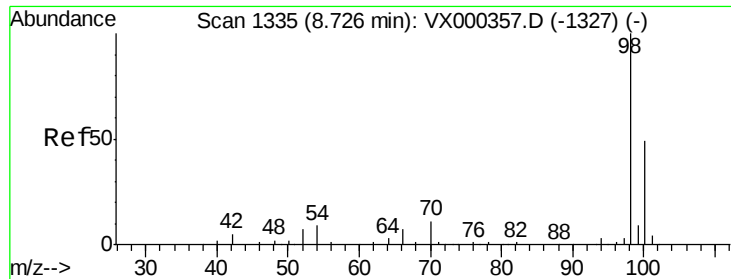
43 166.3 26.8 40.2#

58 119.2 52.2 78.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

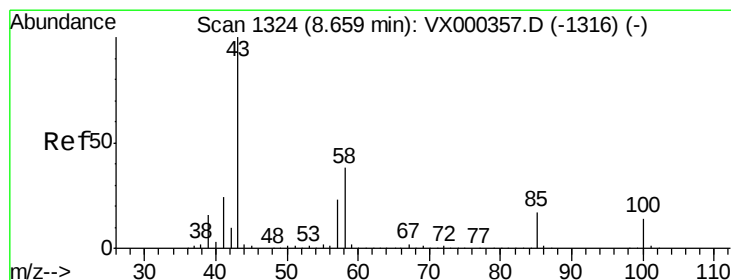
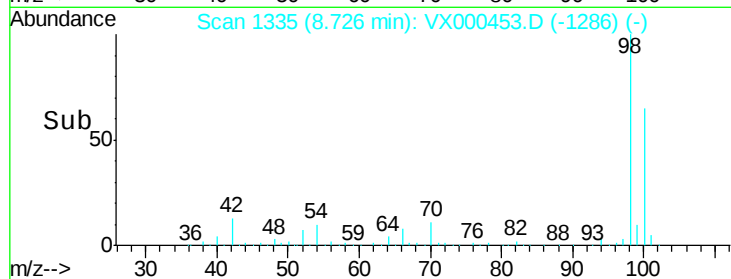
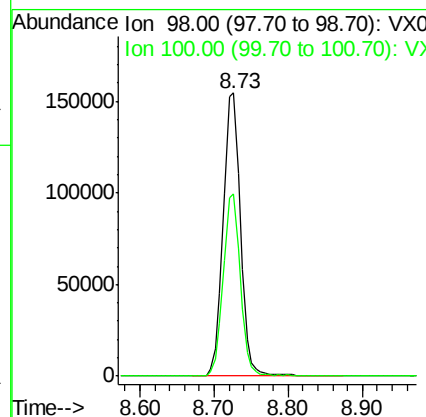
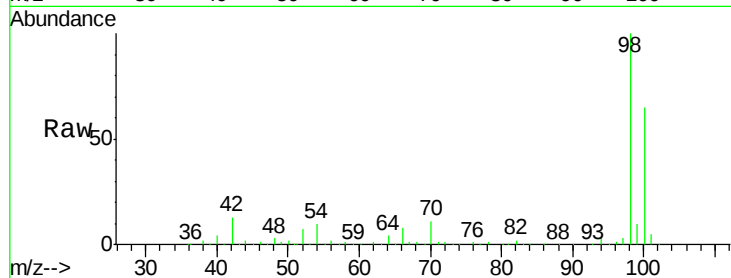




#50
Toluene-d8
Concen: 47.508 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

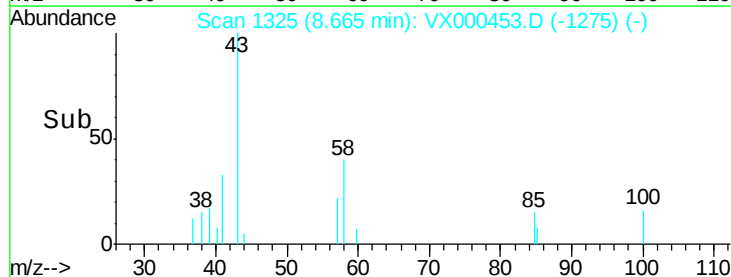
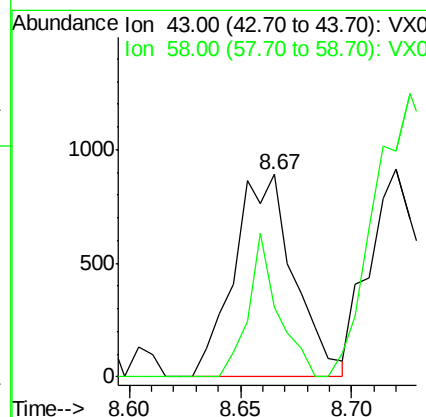
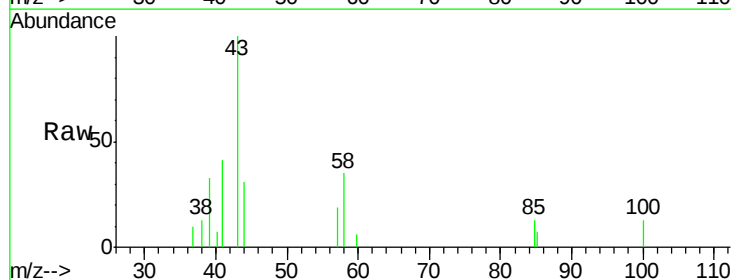
Instrument :
MSVOA_X
ClientSampleId :

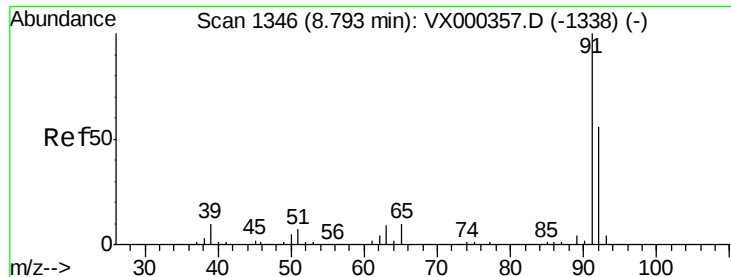
Tot Ion: 98 Resp: 250058
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 35.4 30.3 45.5





#52

Toluene

Concen: 4.072 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

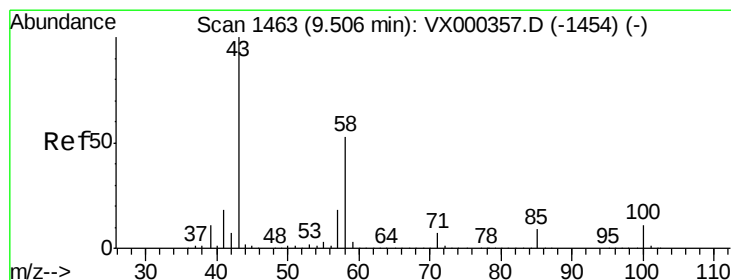
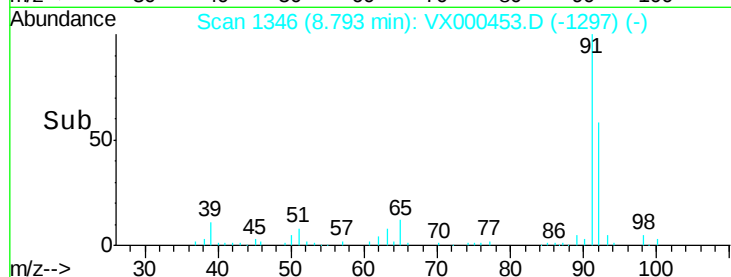
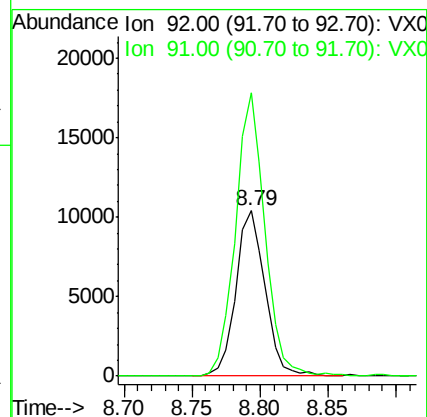
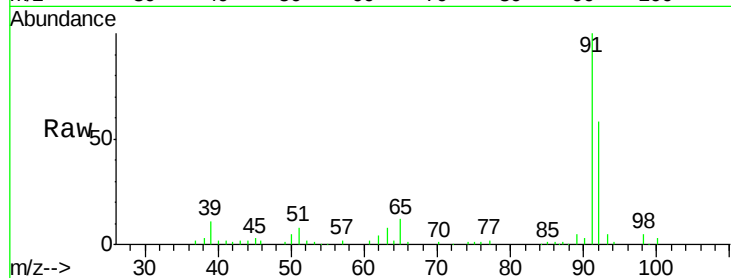
ClientSampled :

Tot Ion: 92 Resp: 15621

Ion Ratio Lower Upper

92 100

91 171.6 140.2 210.2



#59

2-Hexanone

Concen: 0.297 ug/l

RT: 9.51 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VX000453.D

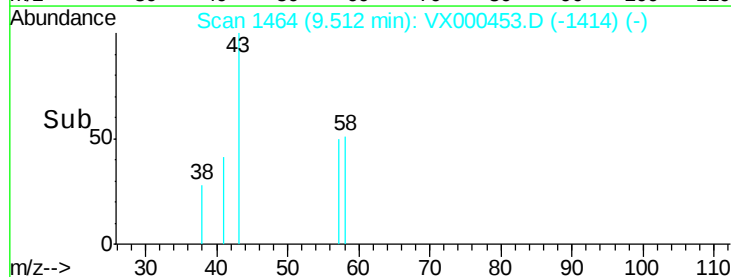
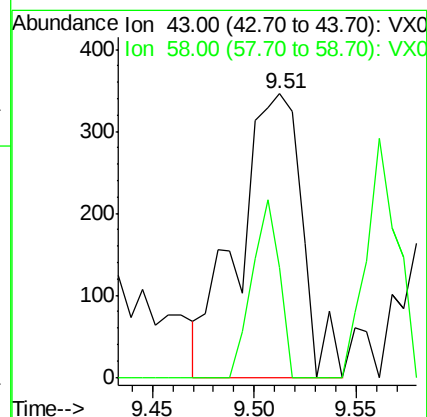
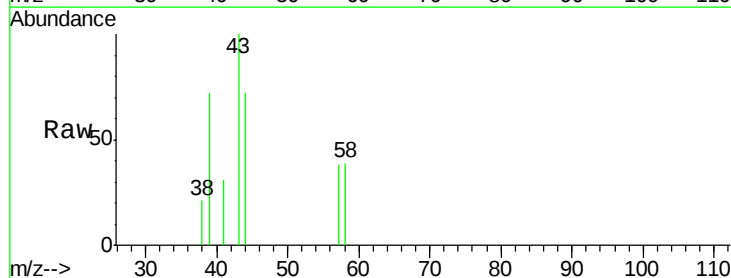
Acq: 26 Mar 2018 20:28

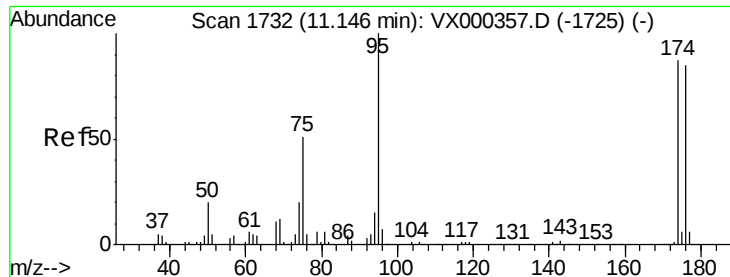
Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

58 26.8 26.6 79.7





#62

4-Bromofluorobenzene

Concen: 40.118 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

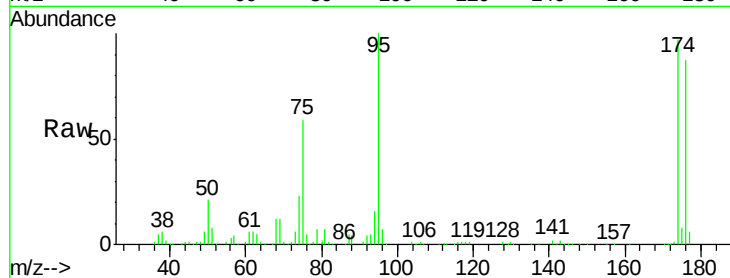
Tot Ion: 95 Resp: 86130

Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

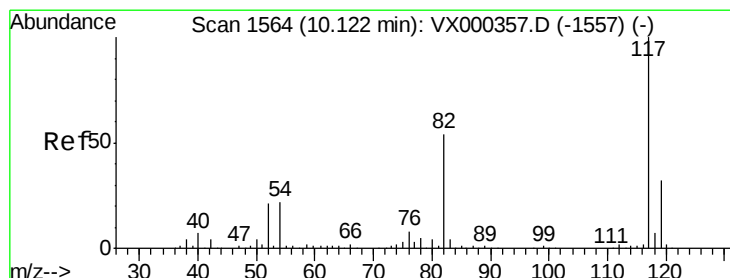
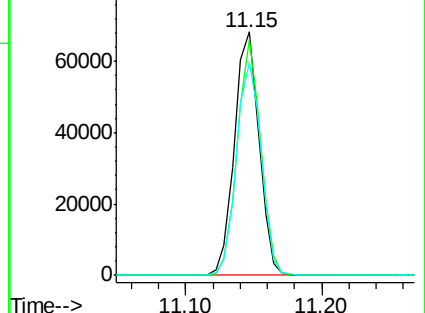
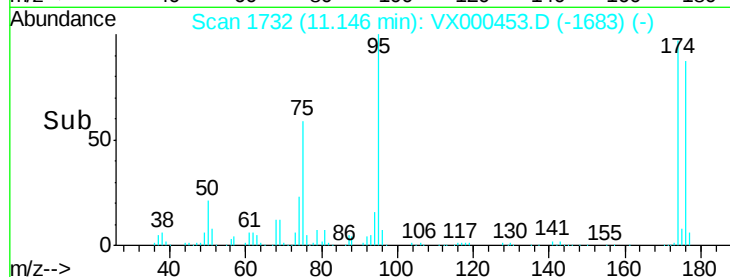
176 87.7 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000453.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000453.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000453.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

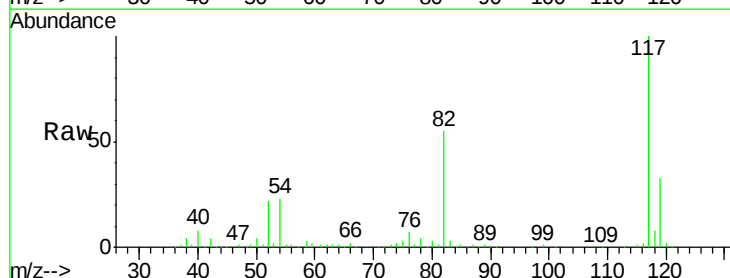
Tgt Ion: 117 Resp: 190327

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

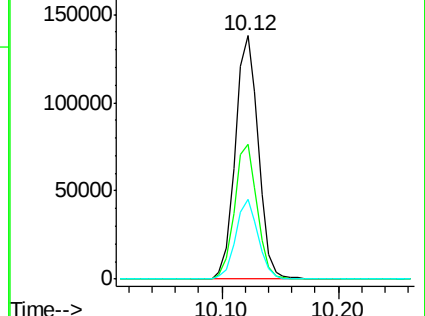
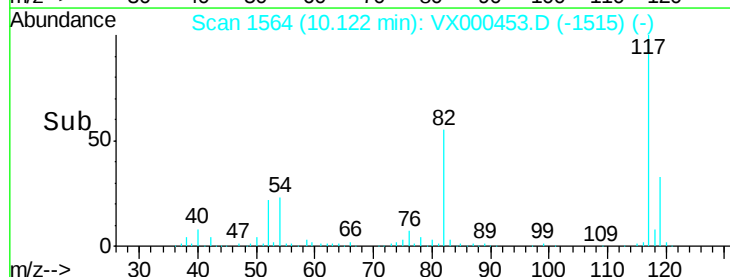
119 32.8 24.9 37.3

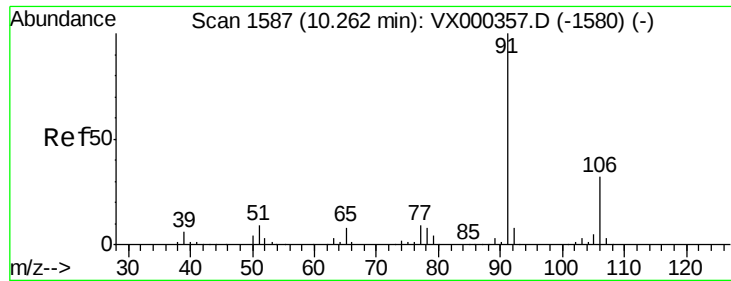


Abundance Ion 116.90 (116.60 to 117.60): VX000453.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000453.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000453.D (-1515) (-)

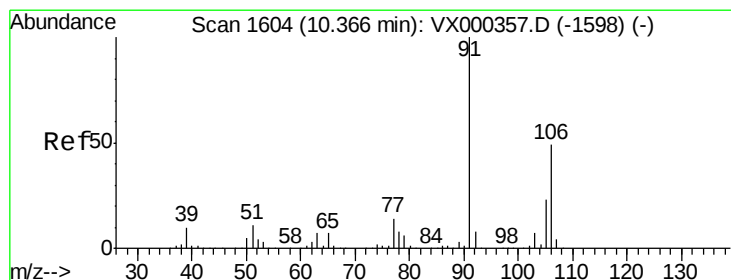
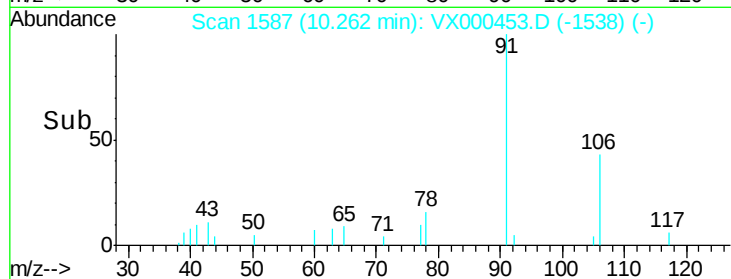
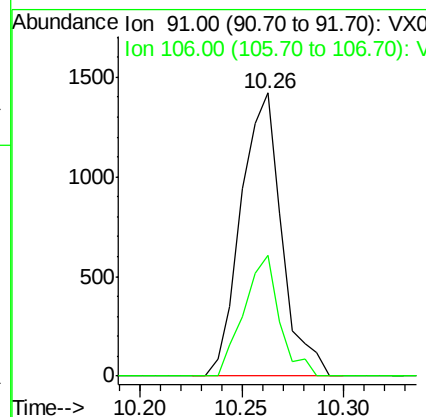
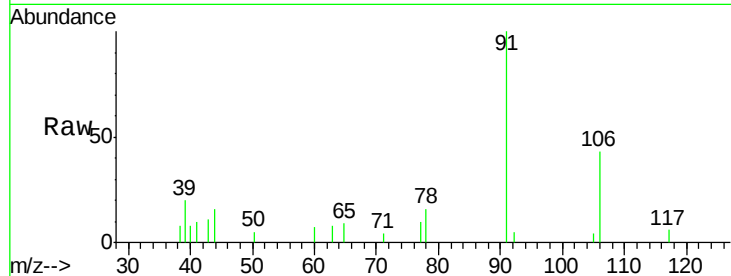




#67
Ethyl Benzene
Concen: 0.275 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

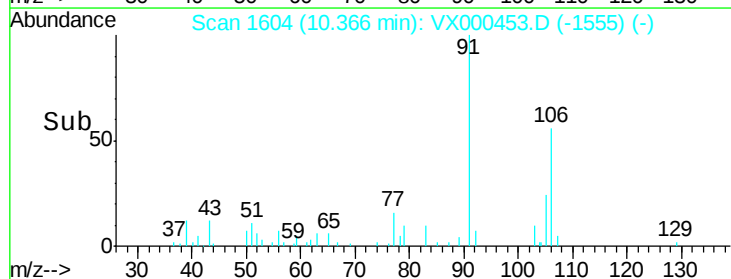
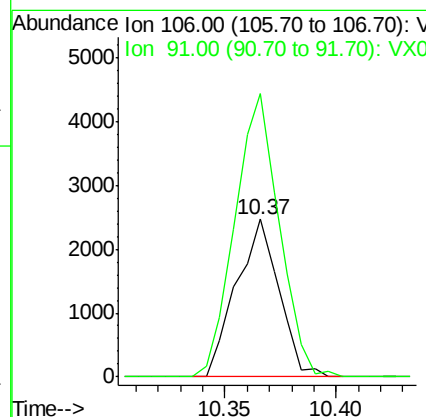
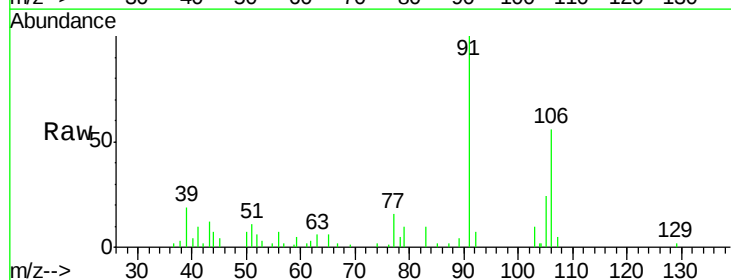
Instrument :
MSVOA_X
ClientSampleId :

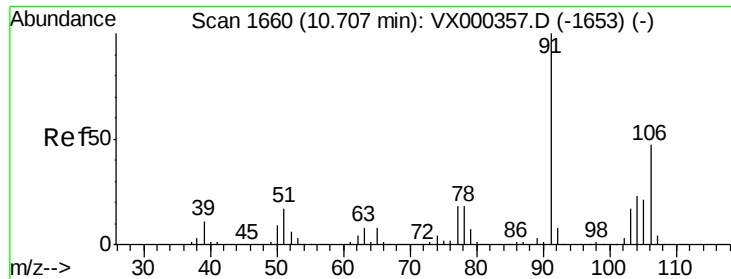
Tot Ion: 91 Resp: 1975
Ion Ratio Lower Upper
91 100
106 42.6 25.0 37.6#



#68
m/p-Xylenes
Concen: 1.167 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion: 106 Resp: 3298
Ion Ratio Lower Upper
106 100
91 186.4 163.4 245.2

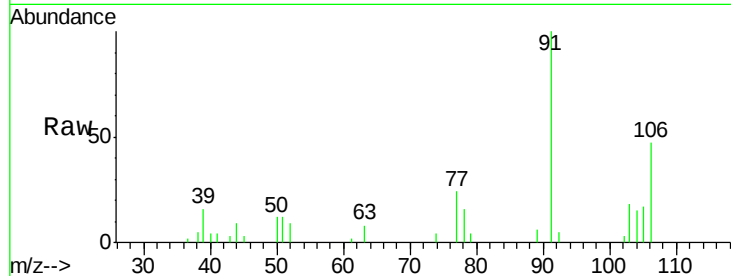




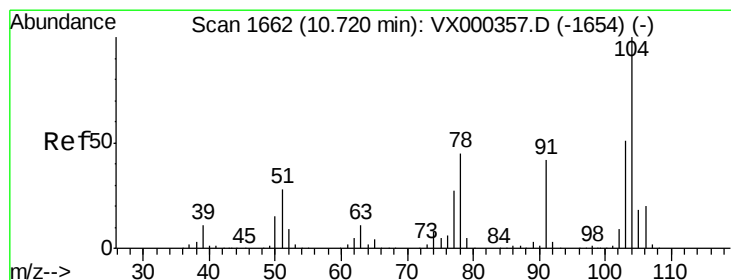
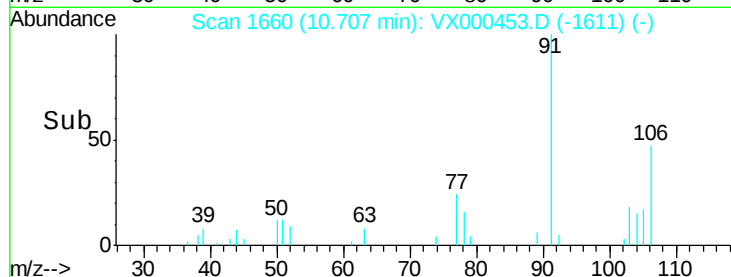
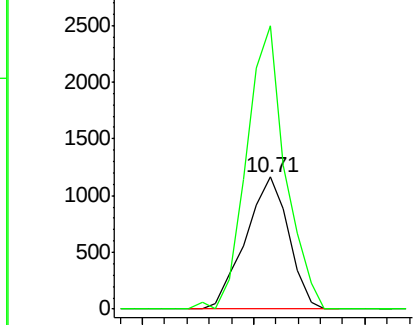
#69
o-Xylene
Concen: 0.574 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 1571
Ion Ratio Lower Upper
106 100
91 191.9 106.5 319.6

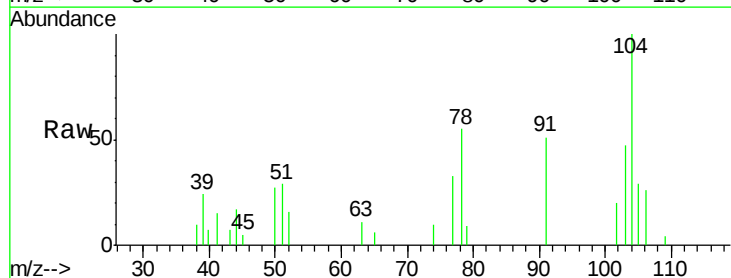


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

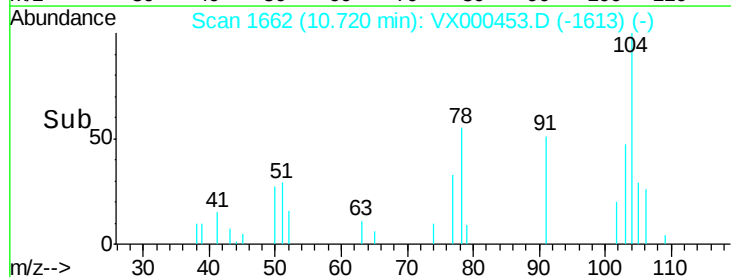
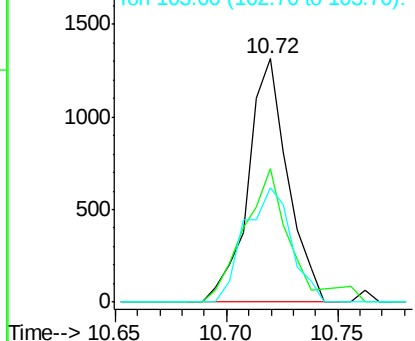


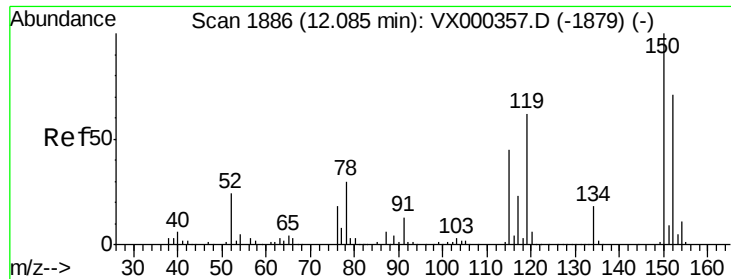
#70
Styrene
Concen: 0.360 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion:104 Resp: 1629
Ion Ratio Lower Upper
104 100
78 64.3 40.5 60.7#
103 54.9 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): 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: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

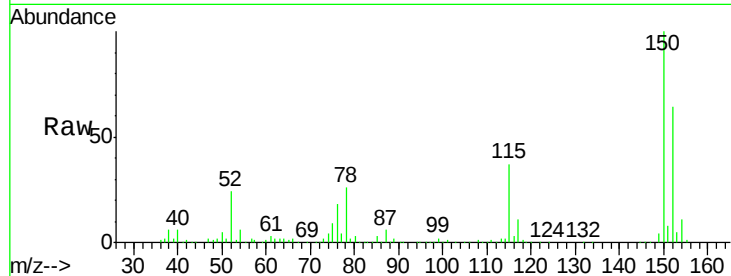
Tot Ion:152 Resp: 99769

Ion Ratio Lower Upper

152 100

115 56.3 39.8 119.3

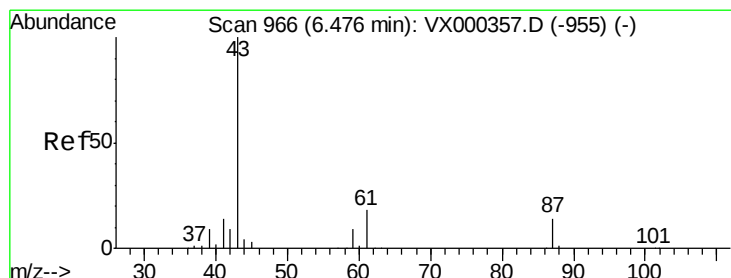
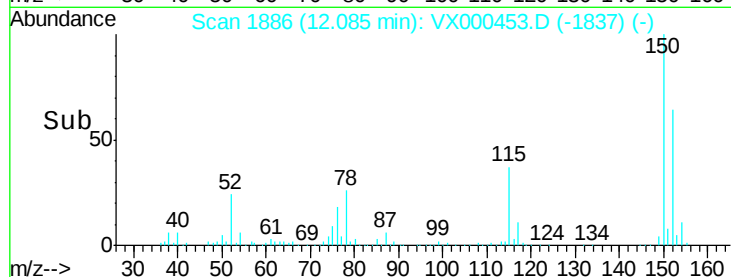
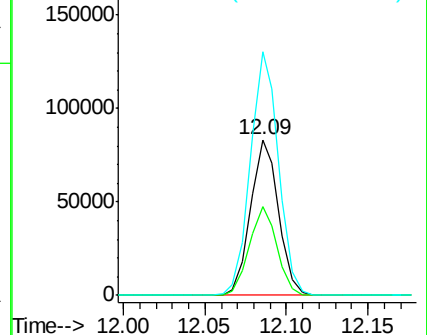
150 156.8 0.0 344.4



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Tgt Ion: 43 Resp: 403

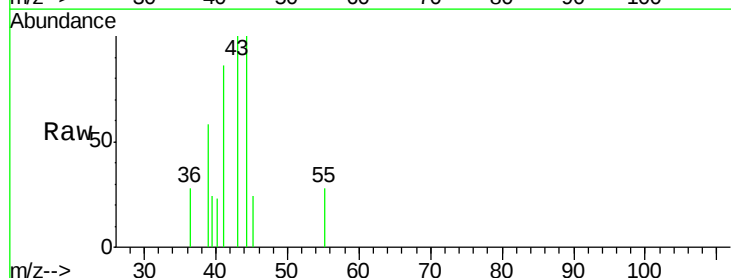
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 14.9 0.0 0.0#

61 0.0 14.4 21.6#

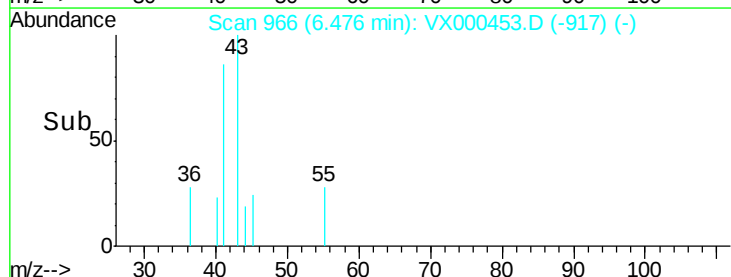
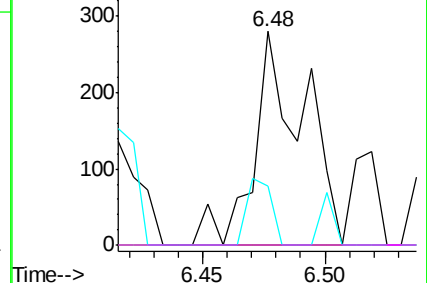


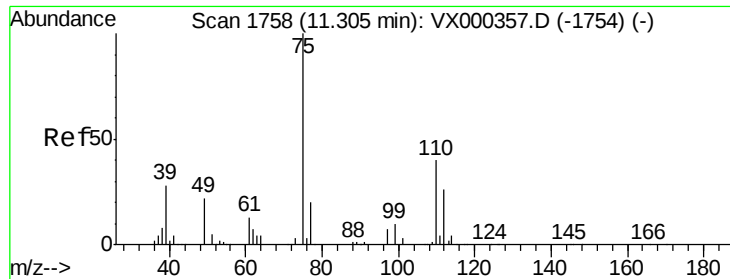
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.273 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

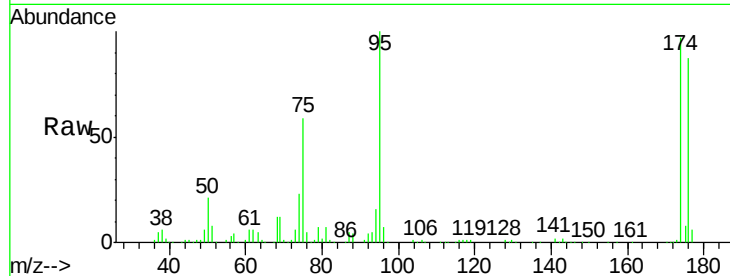
ClientSampleId :

Tot Ion: 75 Resp: 49900

Ion Ratio Lower Upper

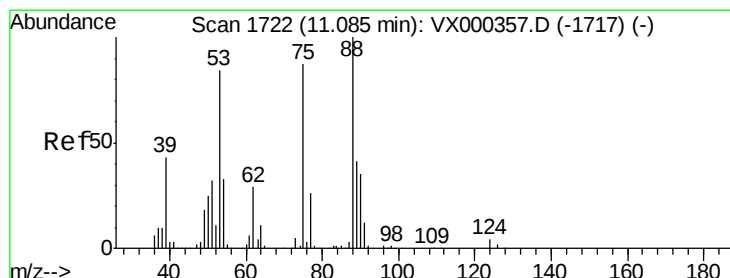
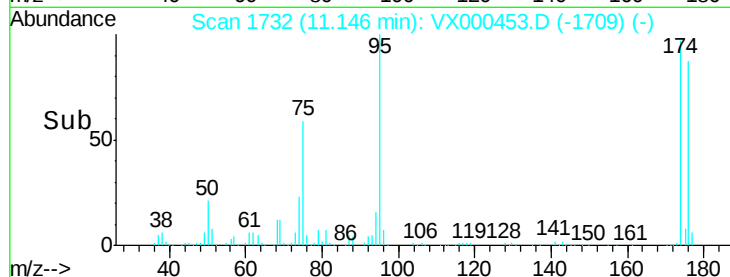
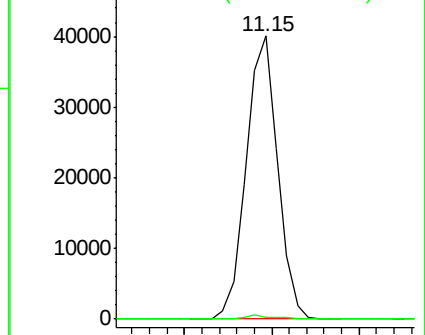
75 100

77 1.2 21.4 64.2#



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: 75.347 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

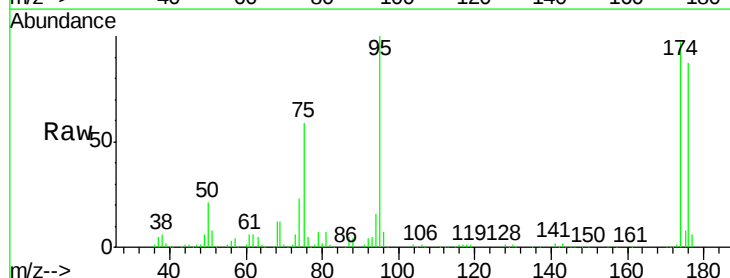
Tgt Ion: 75 Resp: 49900

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

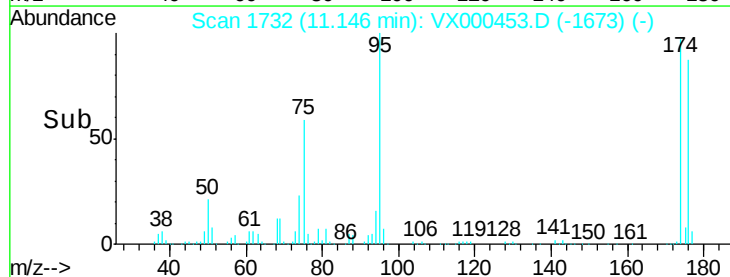
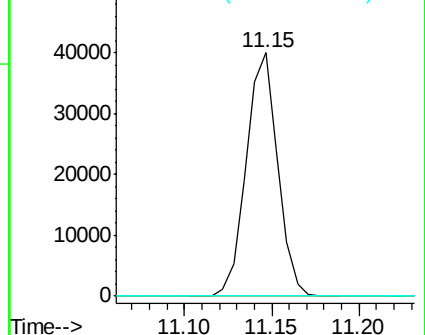
89 0.0 39.4 59.0#

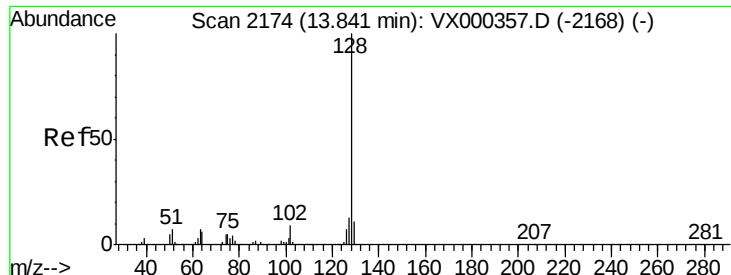


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95
Naphthalene
Concen: 0.599 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	12.1	8.9	13.3

