

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000666.D
 Acq On : 04 Apr 2018 19:35
 Operator : JC/MD
 Sample : VX0404WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

Quant Time: Apr 05 05:21:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	90473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	157538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	69989	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	5.51	113	48709	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
50) Toluene-d8	8.73	98	200835	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.15	95	69812	38.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.14%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	247	0.24	ug/l #	81
7) Trichlorofluoromethane	1.94	101	523	0.22	ug/l #	66
9) 1,1,2-Trichlorotrifluoroet	2.39	101	371	0.28	ug/l #	85
10) Methyl Iodide	2.53	142	22	9.36	ug/l #	35
11) Tert butyl alcohol	3.03	59	987	1.66	ug/l #	72
13) Acrolein	2.28	56	117	0.33	ug/l	95
14) Allyl chloride	2.73	41	726	0.29	ug/l #	58
15) Acrylonitrile	3.15	53	576	0.52	ug/l #	91
16) Acetone	2.45	43	895	0.71	ug/l #	81
17) Carbon Disulfide	2.57	76	1797	0.62	ug/l #	76
20) Methylene Chloride	2.85	84	328	0.23	ug/l #	72
21) trans-1,2-Dichloroethene	3.17	96	380	0.29	ug/l #	50
29) Tetrahydrofuran	5.18	42	297	0.36	ug/l #	43
36) 1,1-Dichloropropene	5.67	75	8635	5.91	ug/l #	52
38) Carbon Tetrachloride	5.68	117	9633	6.85	ug/l #	16
39) Methylcyclohexane	7.47	83	373	0.22	ug/l #	65
49) 1,4-Dioxane	7.73	88	41	1.17	ug/l #	66
51) 4-Methyl-2-Pentanone	8.72	43	1344	0.51	ug/l #	1
54) cis-1,3-Dichloropropene	9.04	75	41	4.19	ug/l #	72
56) Ethyl methacrylate	9.22	69	25	4.33	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	19	15.56	ug/l #	1
60) Dibromochloromethane	9.34	129	317	4.70	ug/l #	11
64) Tetrachloroethene	9.34	164	214	0.21	ug/l #	63
68) m/p-Xylenes	10.37	106	606	0.29	ug/l #	72
76) 1,2,3-Trichloropropane	11.15	75	42382	25.00	ug/l #	37
78) n-propylbenzene	11.37	91	1188	0.21	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.15	75	42382	89.65	ug/l #	7
82) 4-Chlorotoluene	11.52	91	829	0.20	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	791	0.35	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	791	0.32	ug/l	94
89) n-Butylbenzene	12.40	91	1506	0.34	ug/l #	87
93) 1,2,4-Trichlorobenzene	13.66	180	599	0.37	ug/l	99
94) Hexachlorobutadiene	13.79	225	172	0.28	ug/l	81
96) 1,2,3-Trichlorobenzene	14.02	180	539	0.33	ug/l #	83

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

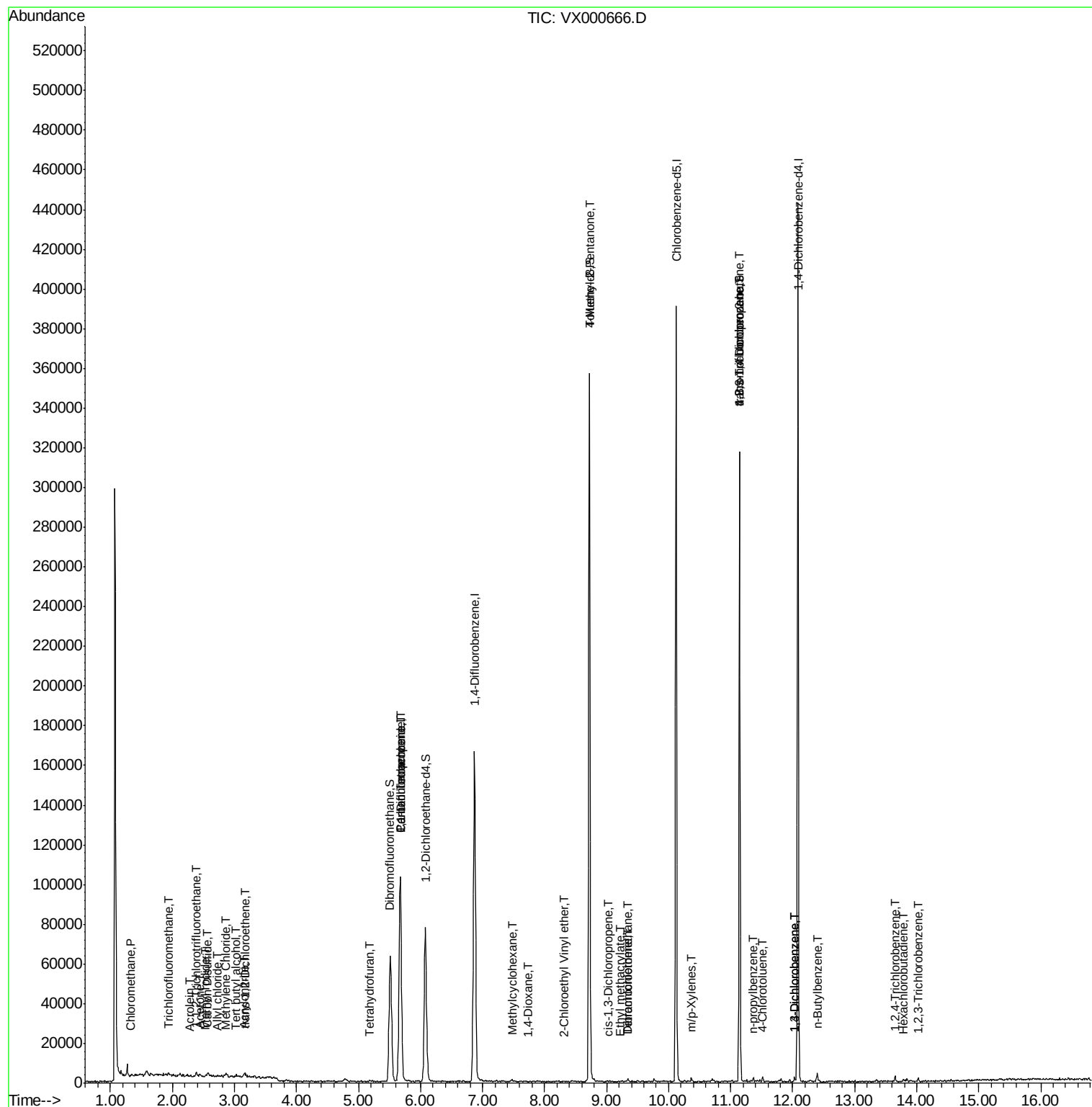
Quant Time: Apr 05 05:21:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
Response via : Initial Calibration

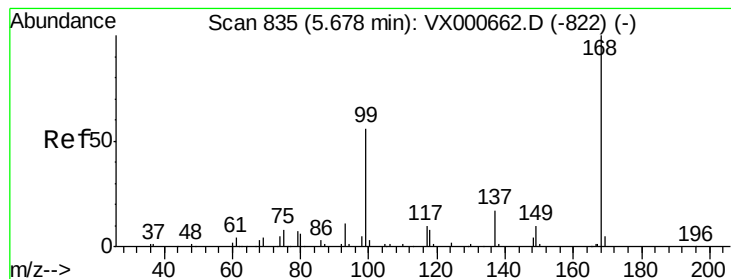
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

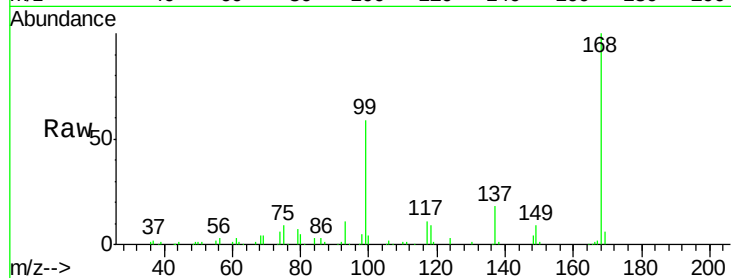
VX0404WBL01

Tgt Ion:168 Resp: 90473

Ion Ratio Lower Upper

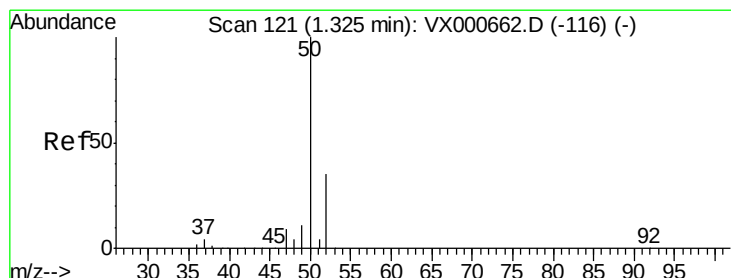
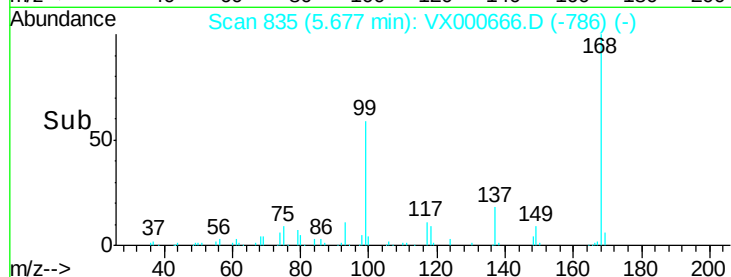
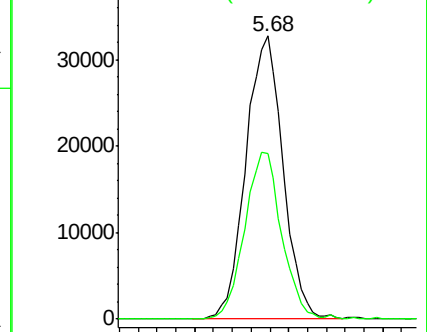
168 100

99 58.7 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000666.D

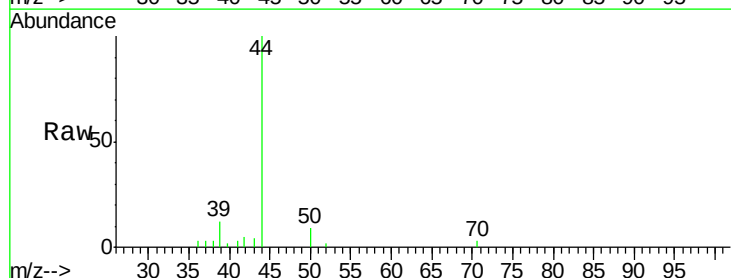
Acq: 04 Apr 2018 19:35

Tgt Ion: 50 Resp: 247

Ion Ratio Lower Upper

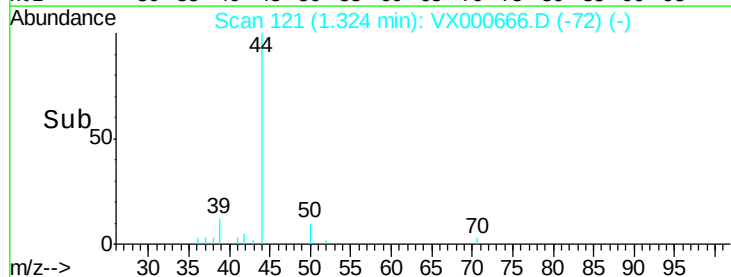
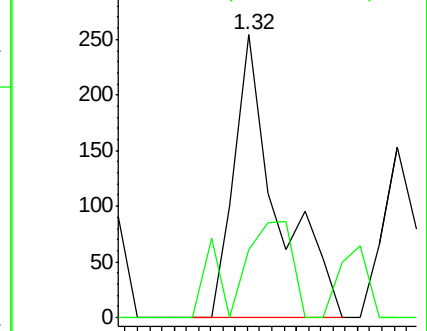
50 100

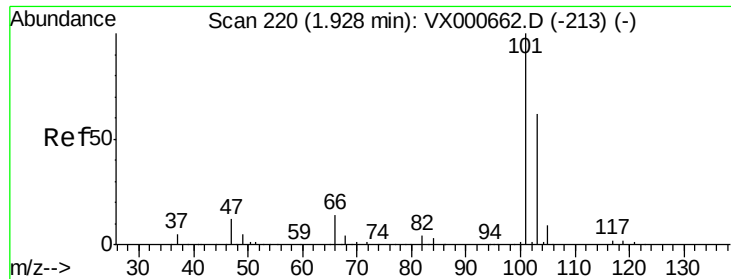
52 24.0 28.0 42.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#7

Trichlorofluoromethane

Concen: 0.22 ug/l

RT: 1.94 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampled :

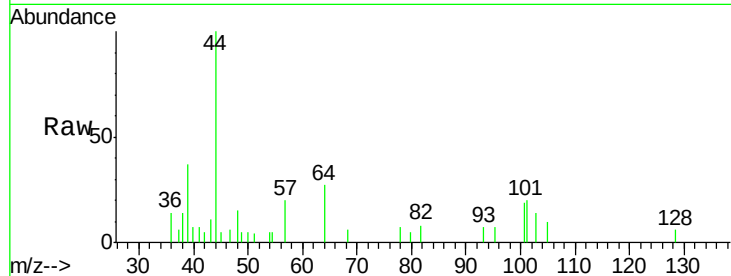
VX0404WBL01

Tgt Ion:101 Resp: 523

Ion Ratio Lower Upper

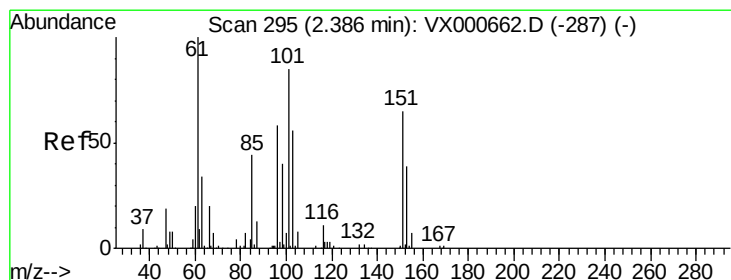
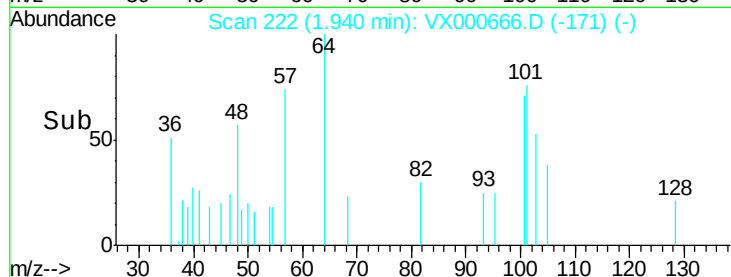
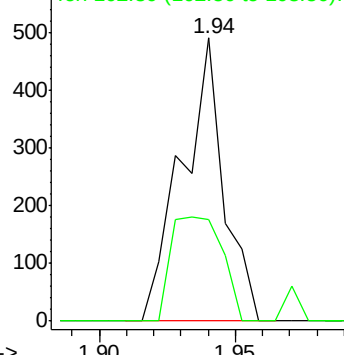
101 100

103 35.8 49.4 74.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

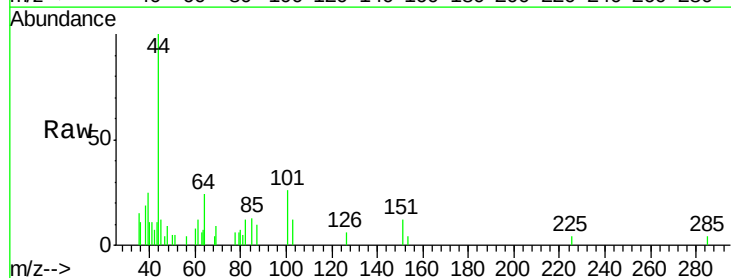
Tgt Ion:101 Resp: 371

Ion Ratio Lower Upper

101 100

85 67.4 40.0 60.0#

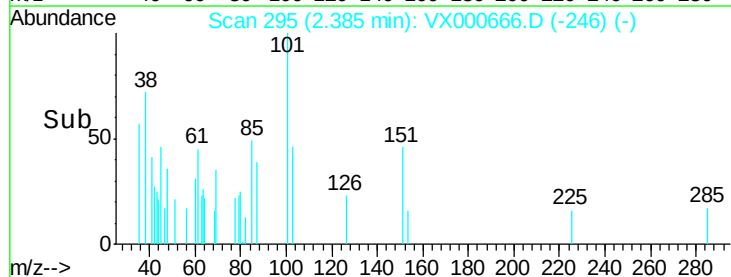
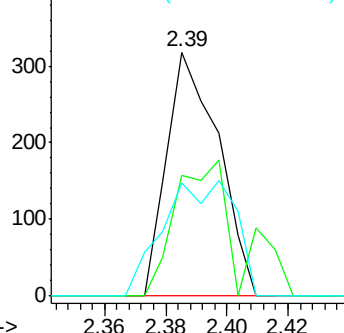
151 65.8 57.4 86.2

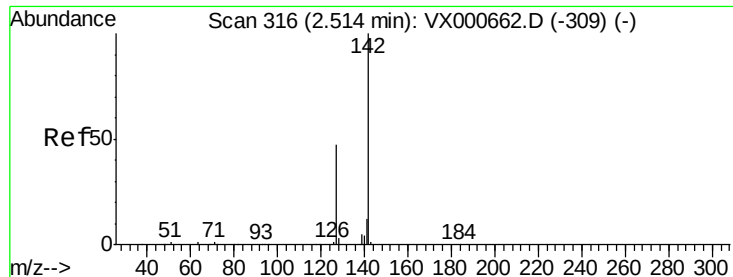


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

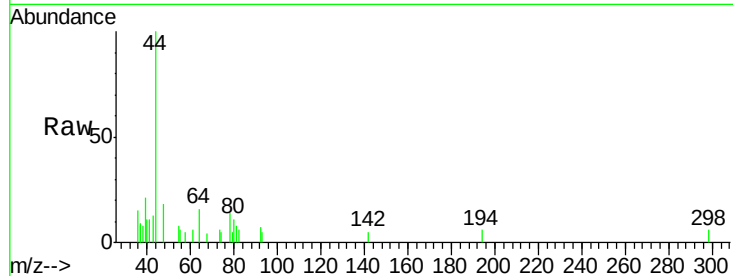




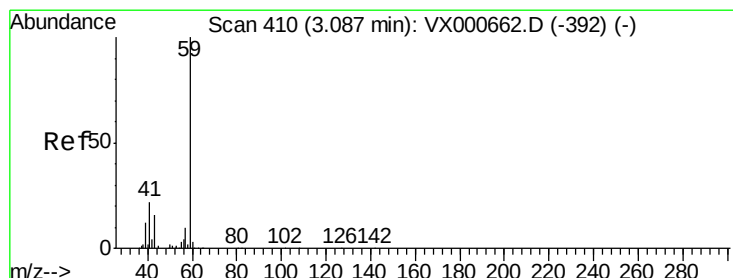
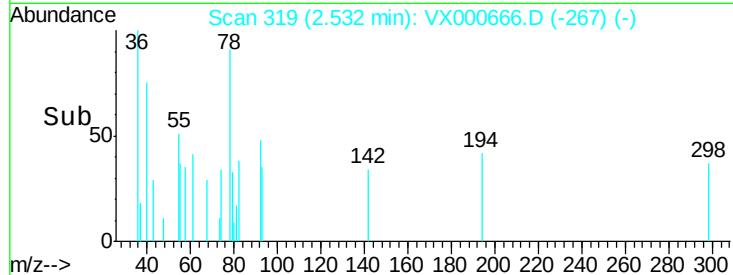
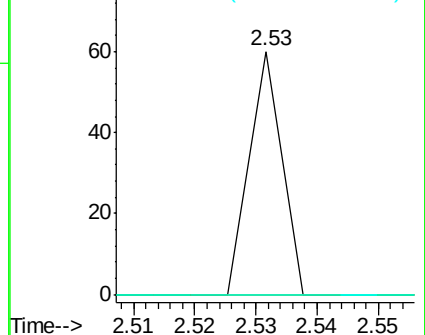
#10
Methyl Iodide
Concen: 9.36 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 40.7 61.1#
141 0.0 11.1 16.7#

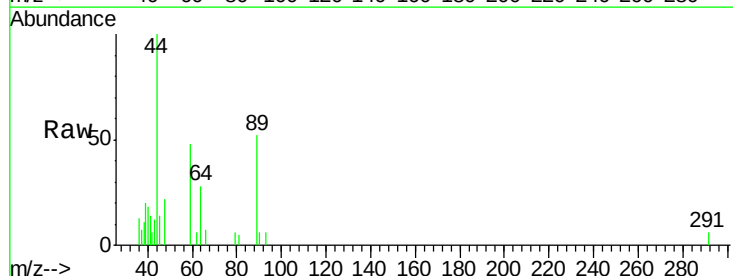


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

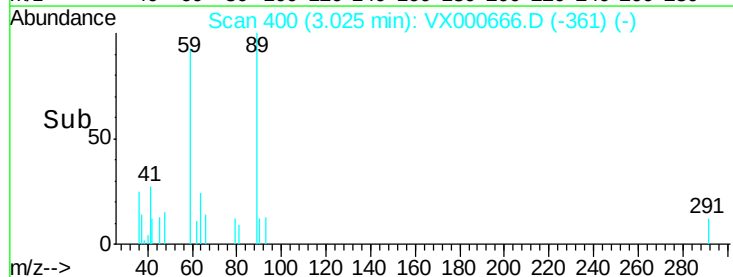
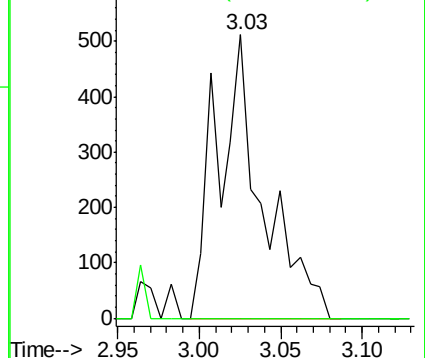


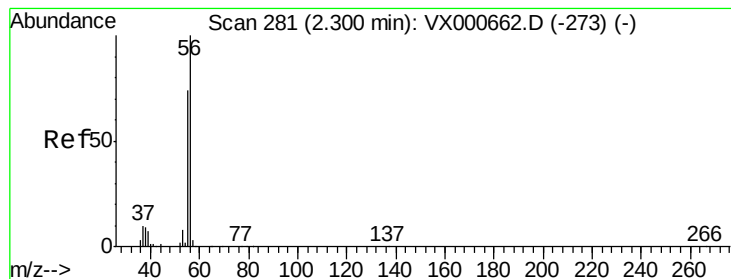
#11
Tert butyl alcohol
Concen: 1.66 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

Tgt Ion: 59 Resp: 987
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



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





#13

Acrolein

Concen: 0.33 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.02 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

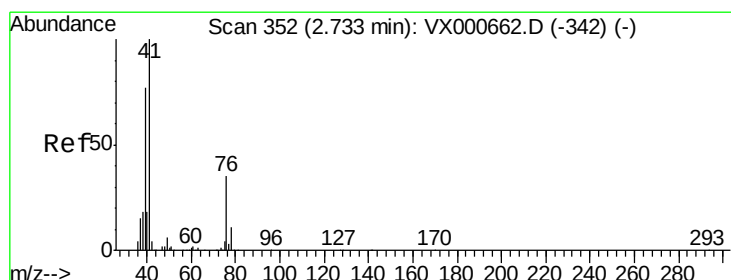
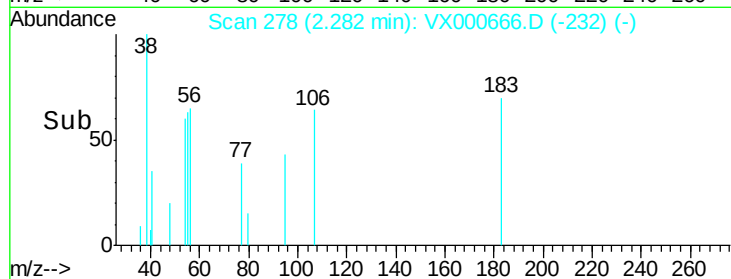
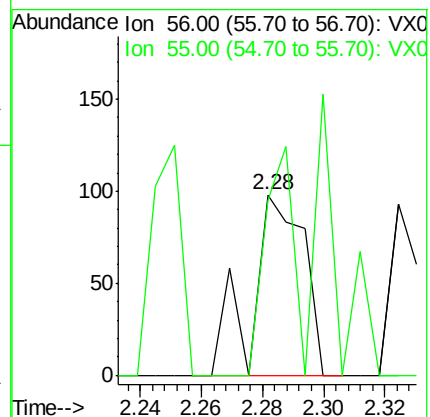
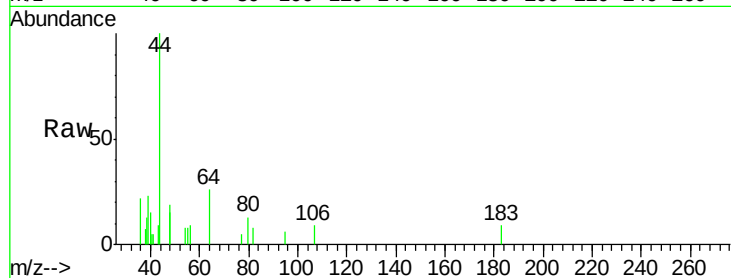
VX0404WBL01

Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

55 68.4 58.1 87.1



#14

Allyl chloride

Concen: 0.29 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

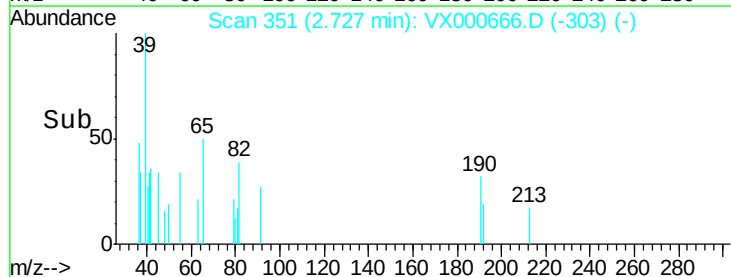
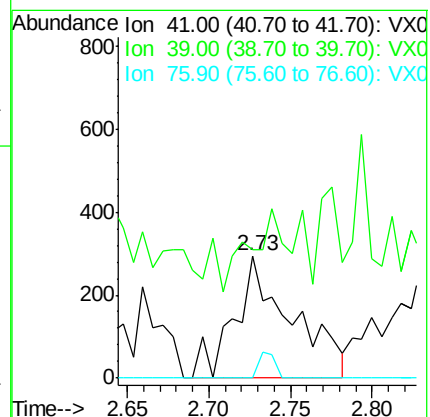
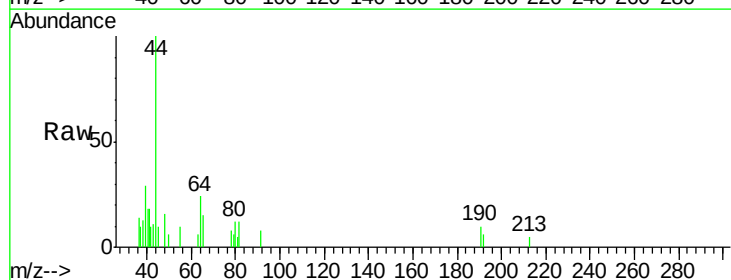
Tgt Ion: 41 Resp: 726

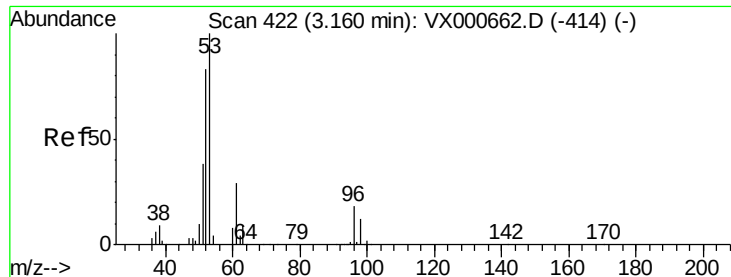
Ion Ratio Lower Upper

41 100

39 41.6 57.0 85.6#

76 0.0 23.9 35.9#

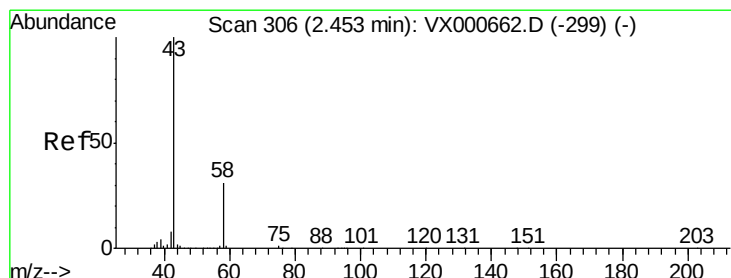
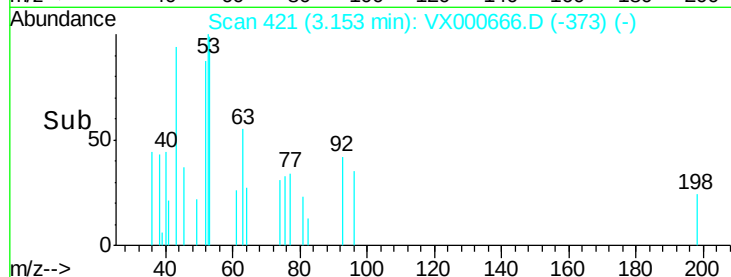
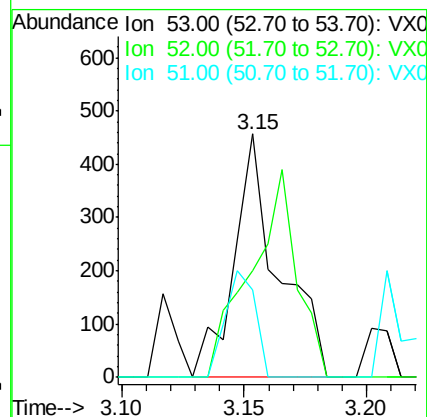
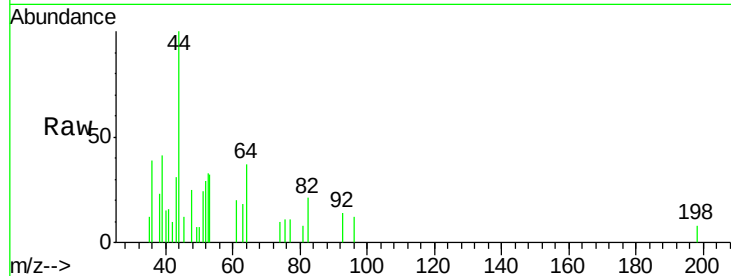




#15
Acrylonitrile
Concen: 0.52 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

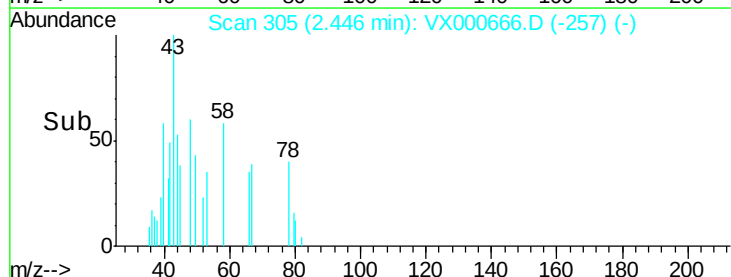
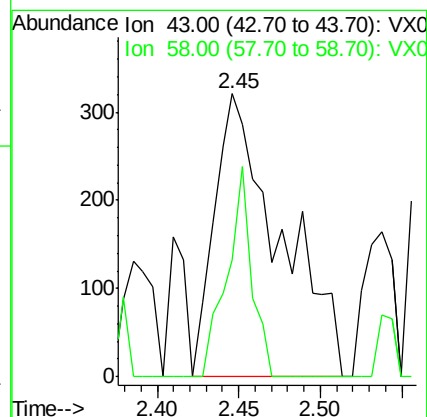
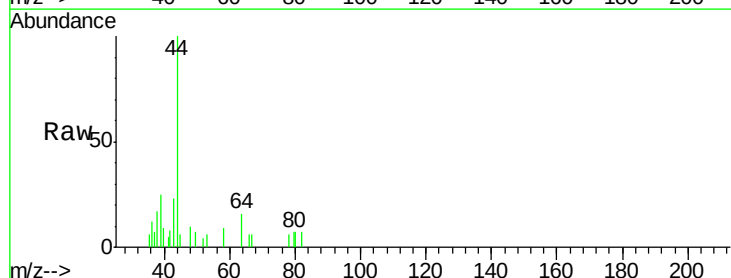
Instrument :
MSVOA_X
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VX0404WBL01

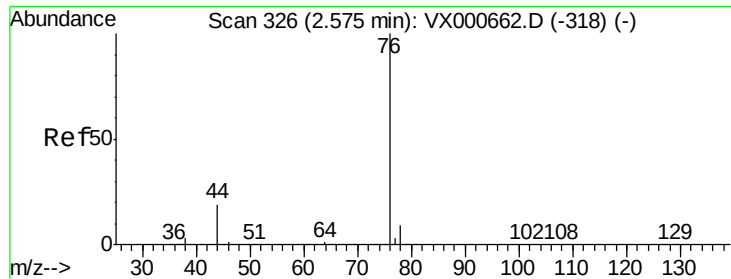
Tgt Ion: 53 Resp: 576
Ion Ratio Lower Upper
53 100
52 89.4 66.5 99.7
51 29.3 30.6 46.0#



#16
Acetone
Concen: 0.71 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 41.1 24.7 37.1#

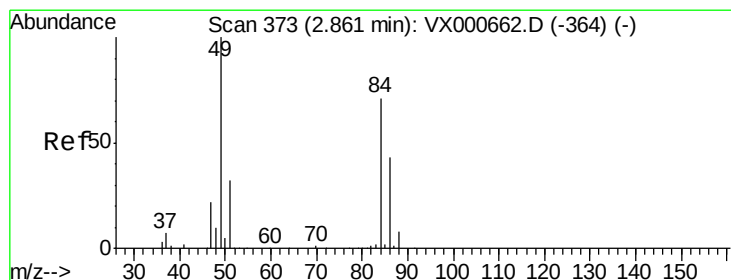
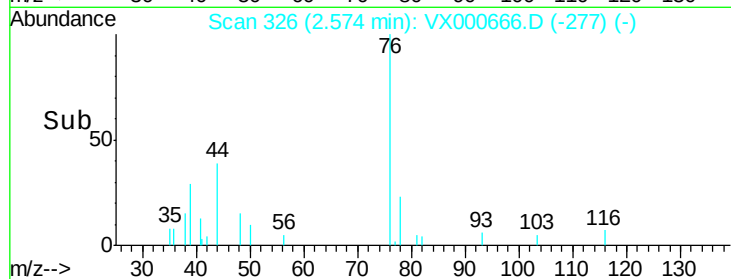
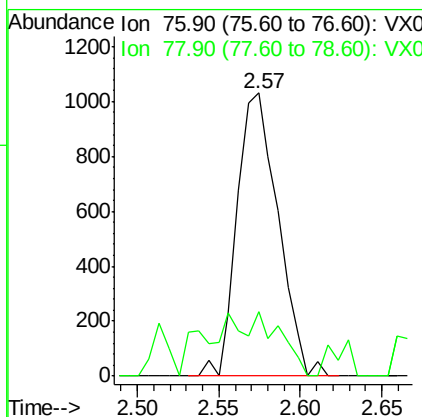
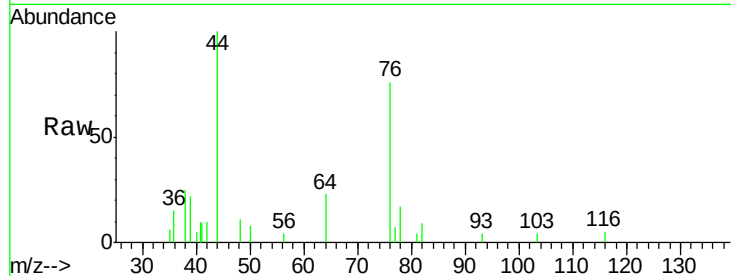




#17
 Carbon Disulfide
 Concen: 0.62 ug/l
 RT: 2.57 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

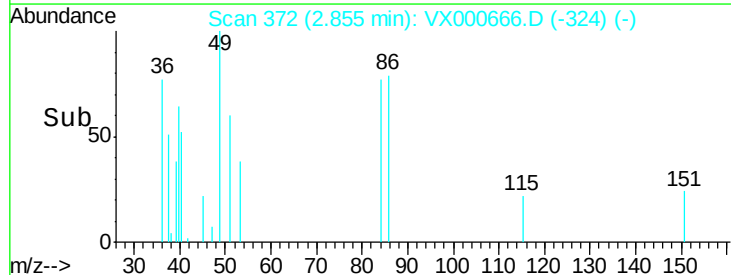
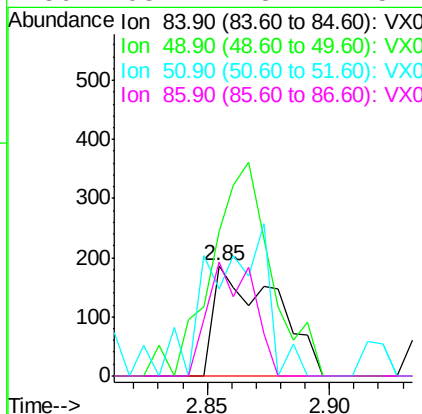
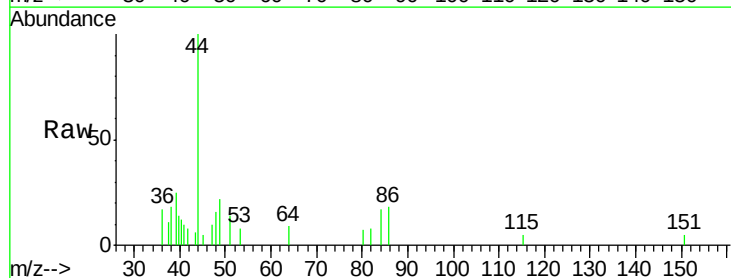
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

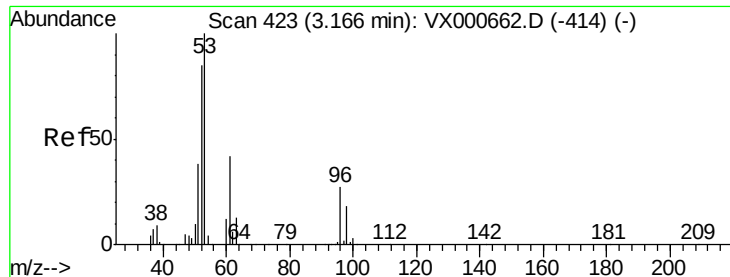
Tgt Ion: 76 Resp: 1797
 Ion Ratio Lower Upper
 76 100
 78 17.3 7.0 10.6#



#20
 Methylene Chloride
 Concen: 0.23 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

Tgt Ion: 84 Resp: 328
 Ion Ratio Lower Upper
 84 100
 49 130.5 112.1 168.1
 51 78.6 35.4 53.0#
 86 103.2 48.7 73.1#

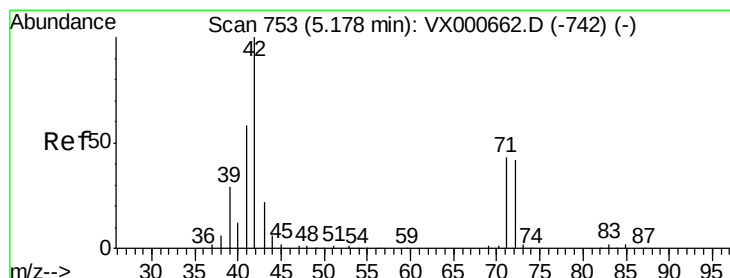
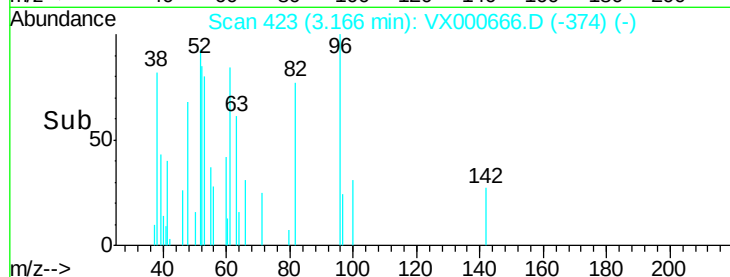
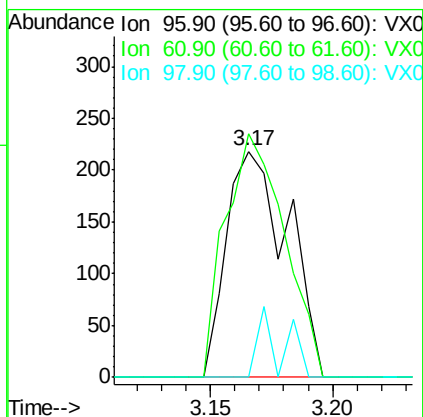
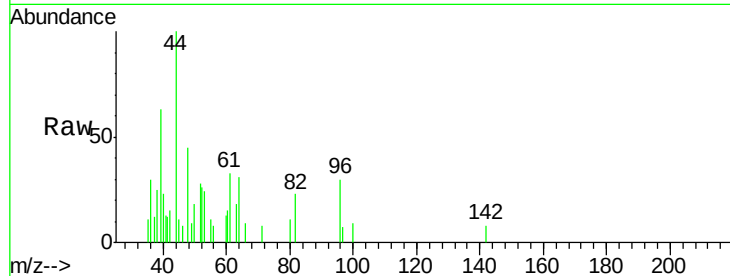




#21
trans-1,2-Dichloroethene
Concen: 0.29 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

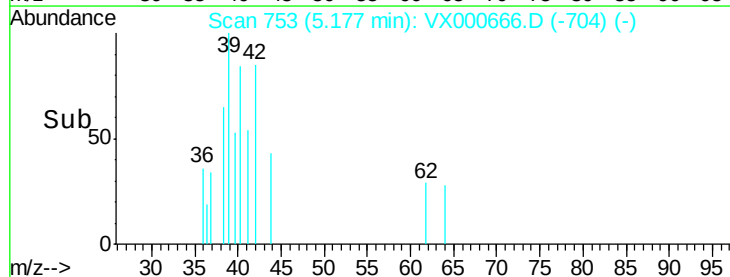
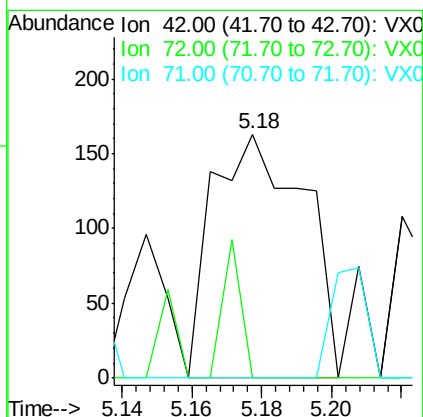
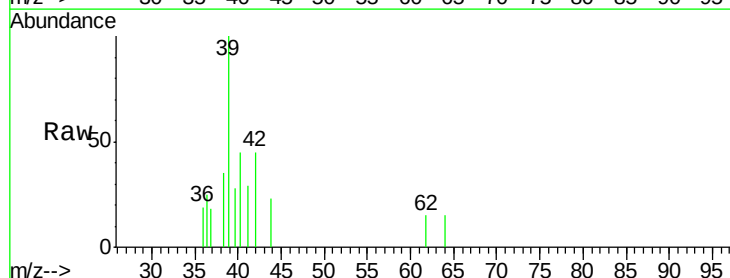
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

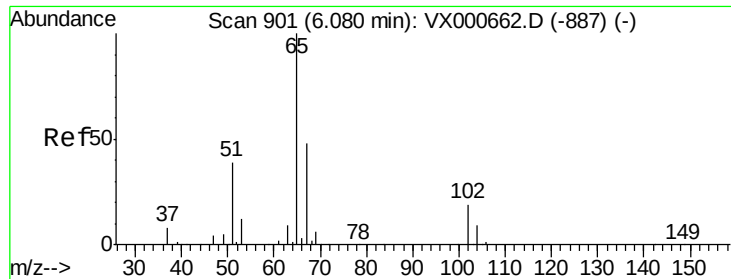
Tgt Ion: 96 Resp: 380
Ion Ratio Lower Upper
96 100
61 107.8 123.5 185.3#
98 0.0 51.9 77.9#



#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

Tgt Ion: 42 Resp: 297
Ion Ratio Lower Upper
42 100
72 11.4 34.5 51.7#
71 0.0 32.2 48.2#

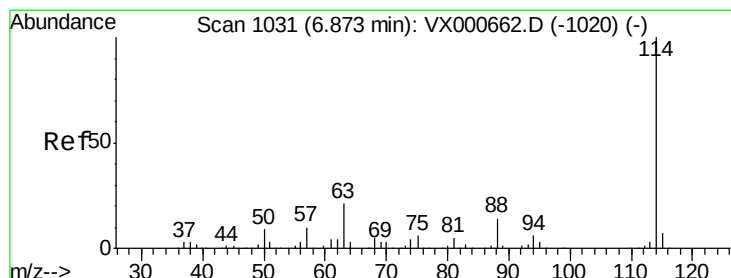
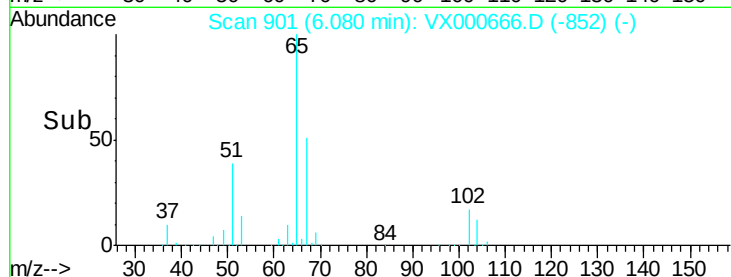
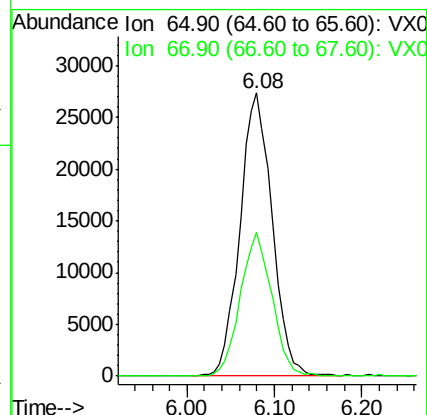
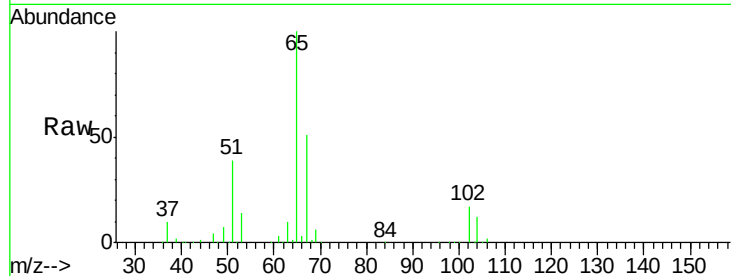




#33
 1,2-Dichloroethane-d4
 Concen: 45.53 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

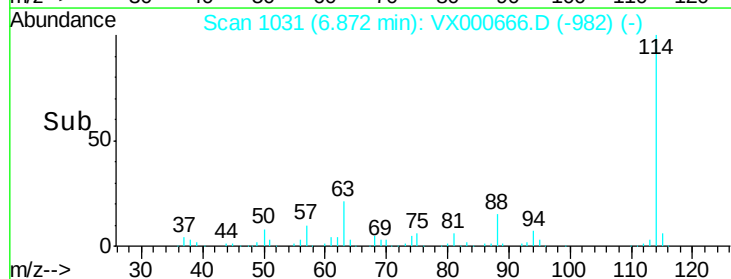
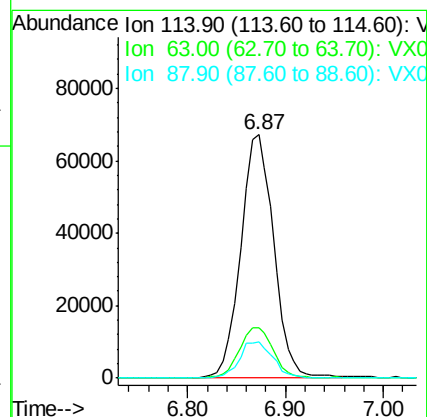
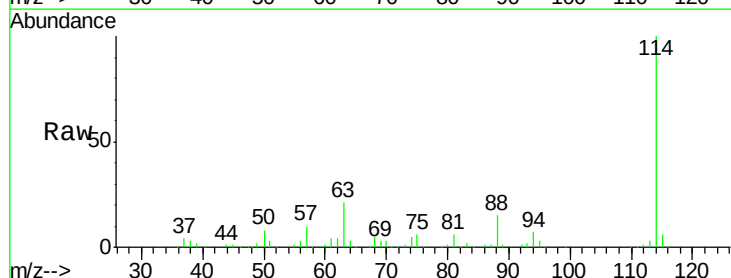
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

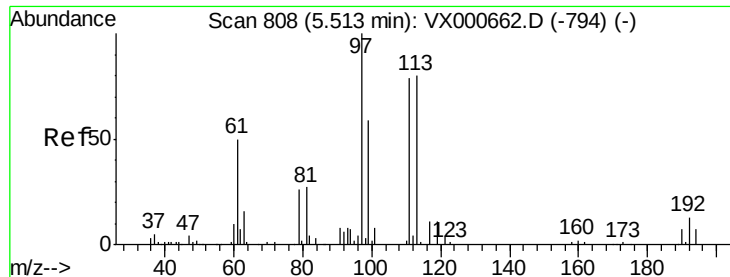
Tgt Ion: 65 Resp: 69989
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

Tgt Ion: 114 Resp: 157538
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 15.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 45.29 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBL01

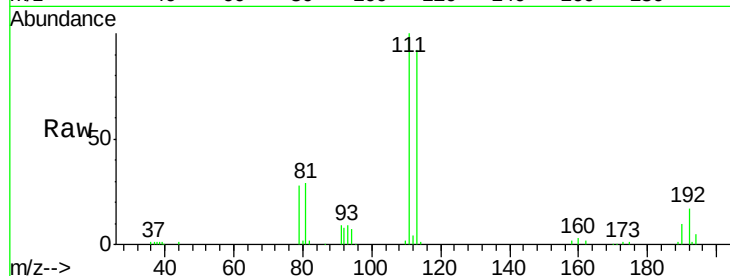
Tgt Ion:113 Resp: 48709

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

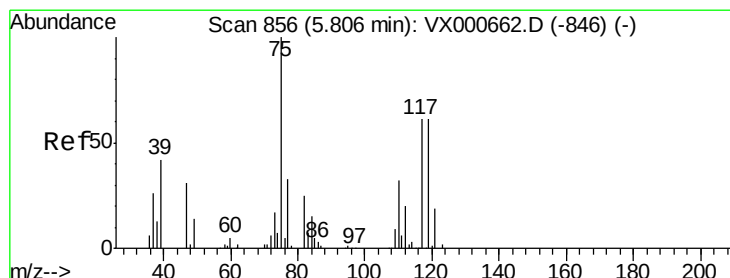
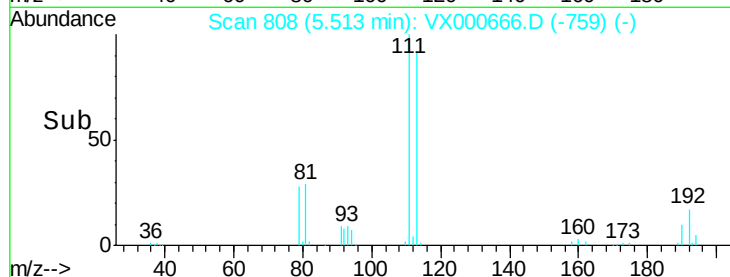
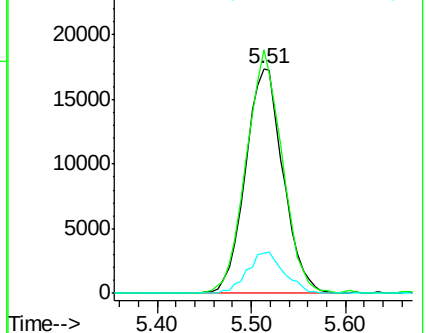
192 17.9 14.3 21.5



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: 5.91 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

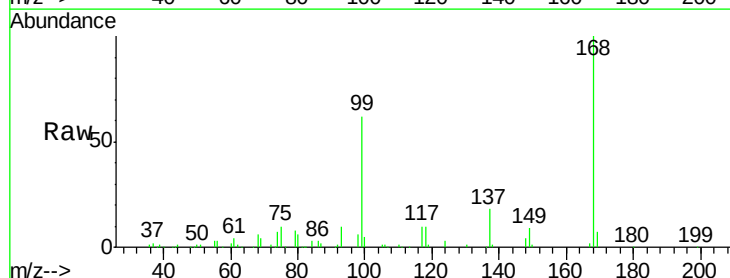
Tgt Ion: 75 Resp: 8635

Ion Ratio Lower Upper

75 100

110 10.2 16.3 48.9#

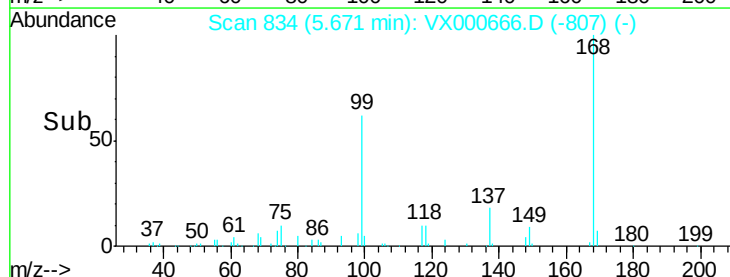
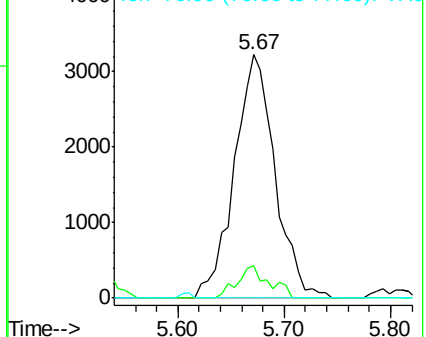
77 0.0 24.3 36.5#

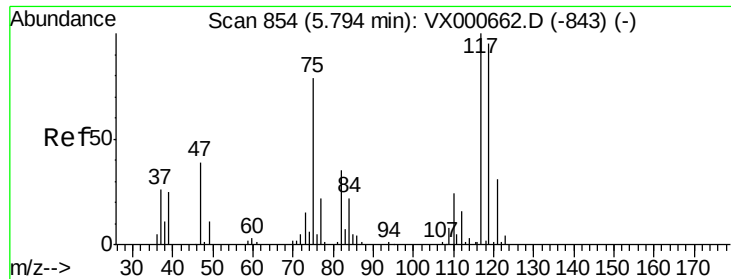


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.85 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBL01

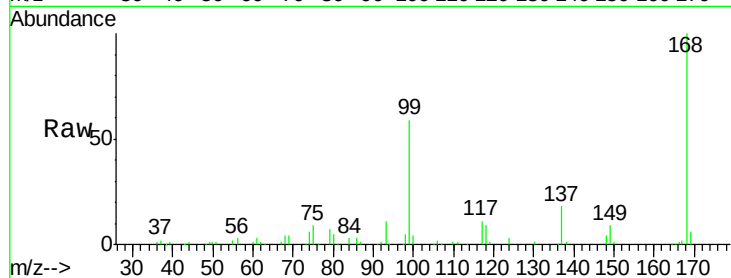
Tgt Ion:117 Resp: 9633

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

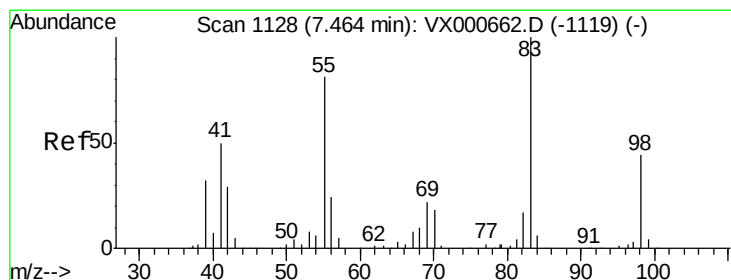
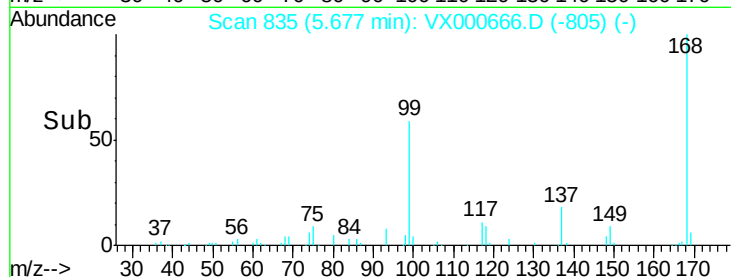
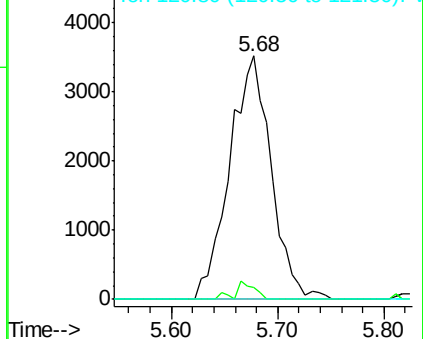
121 0.0 24.8 37.2#



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



#39

Methylcyclohexane

Concen: 0.22 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

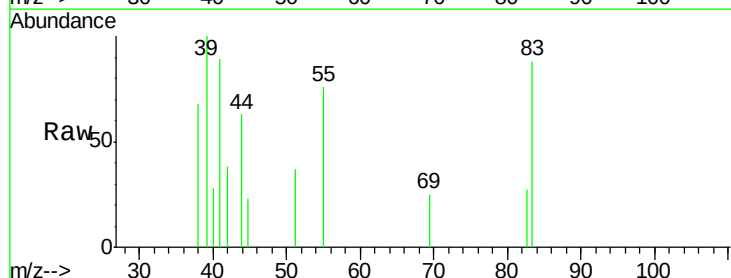
Tgt Ion: 83 Resp: 373

Ion Ratio Lower Upper

83 100

55 65.9 64.5 96.7

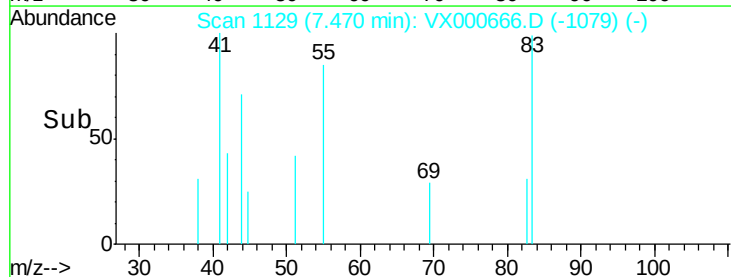
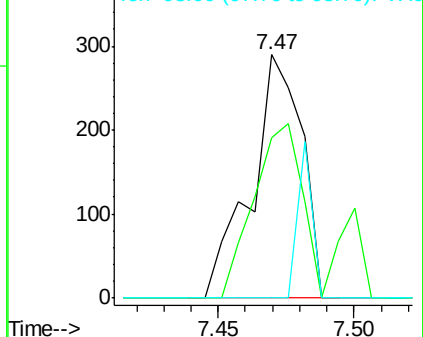
98 0.0 35.0 52.6#

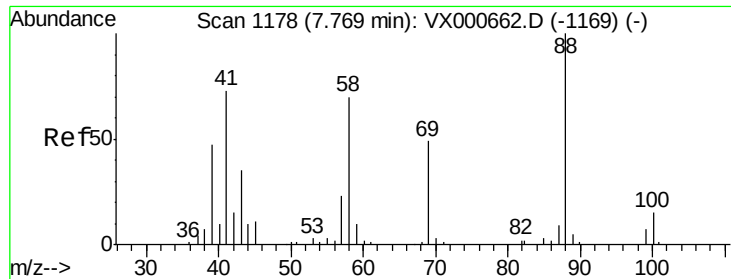


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#49

1,4-Dioxane

Concen: 1.17 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.04 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBL01

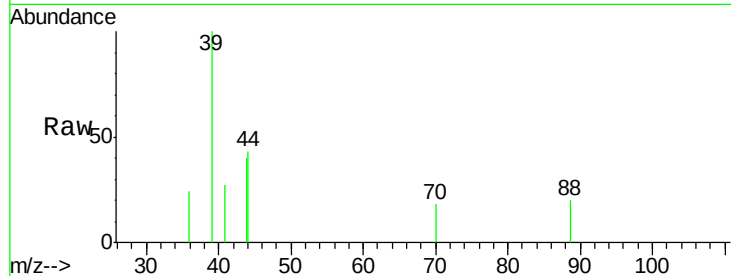
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 0.0 29.4 44.0#

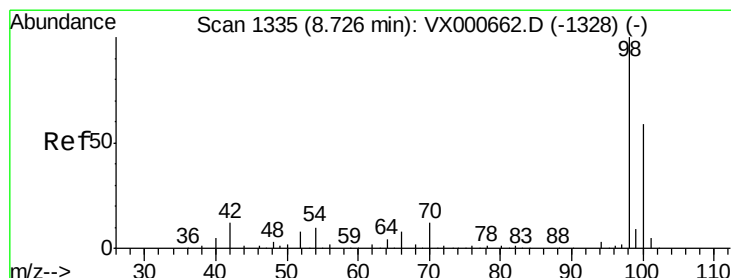
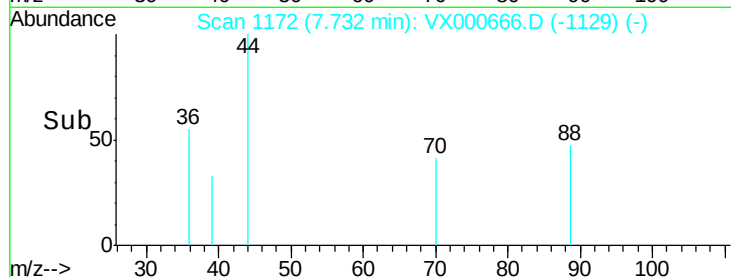
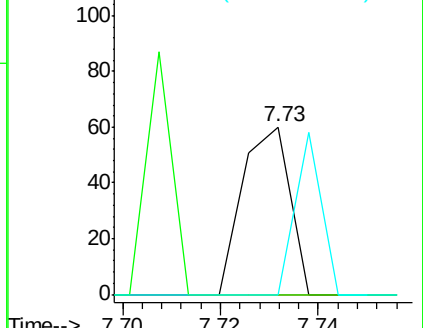
58 51.2 53.4 80.0#



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: 43.92 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000666.D

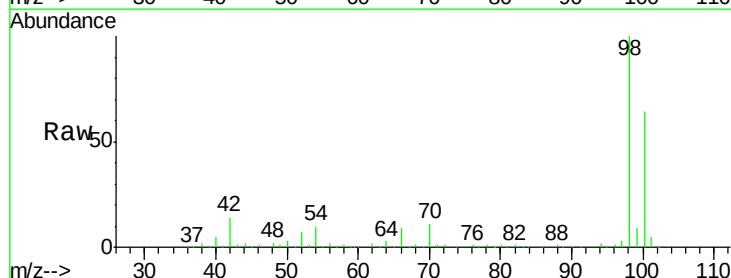
Acq: 04 Apr 2018 19:35

Tgt Ion: 98 Resp: 200835

Ion Ratio Lower Upper

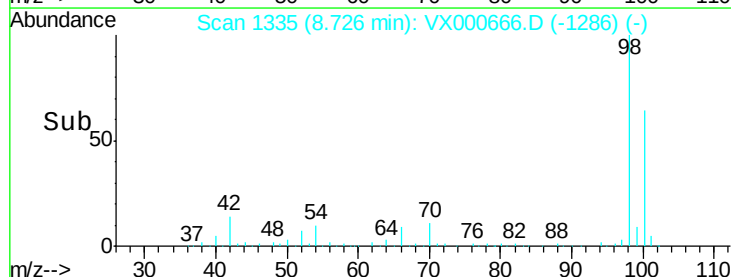
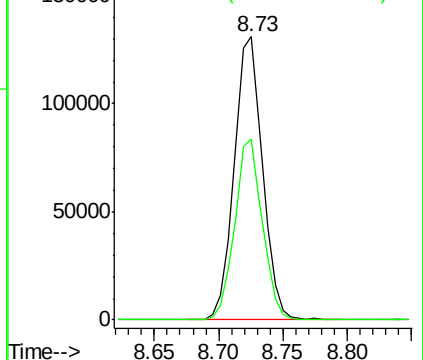
98 100

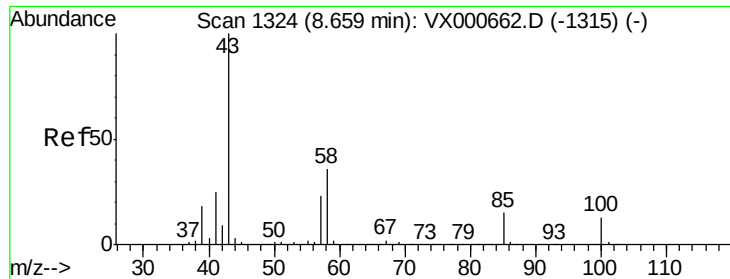
100 62.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

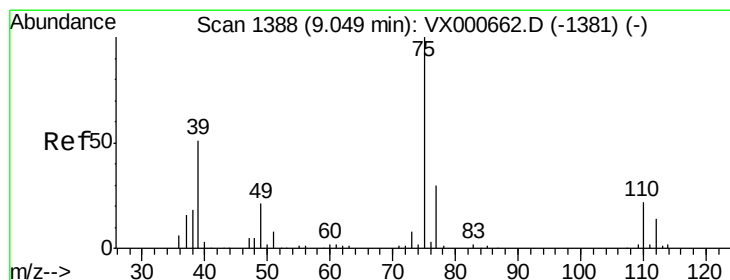
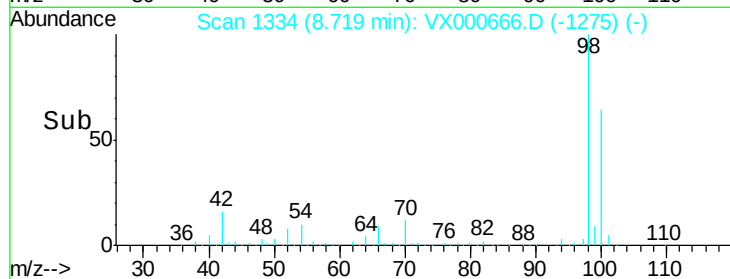
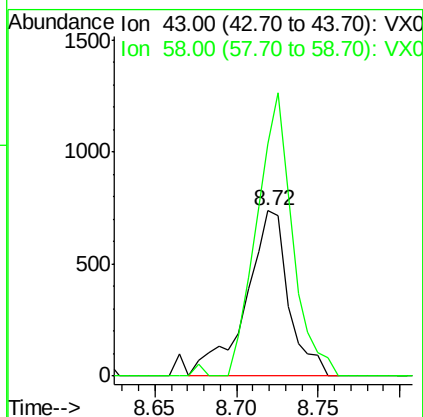
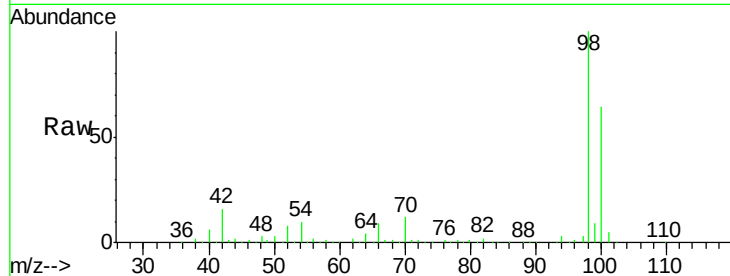




#51
 4-Methyl-2-Pentanone
 Concen: 0.51 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.06 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

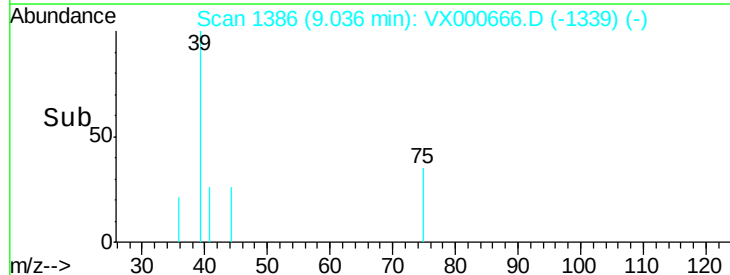
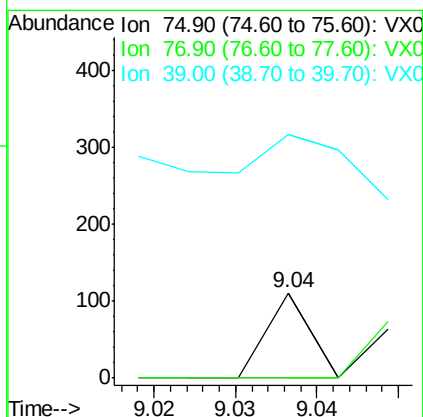
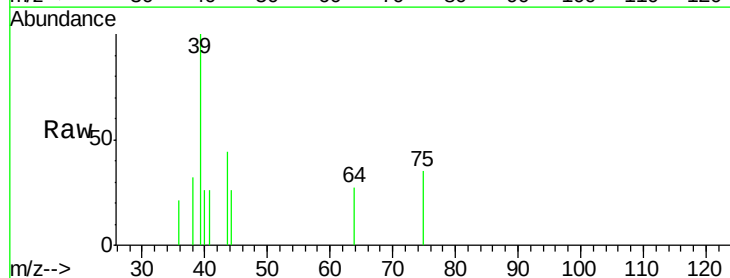
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

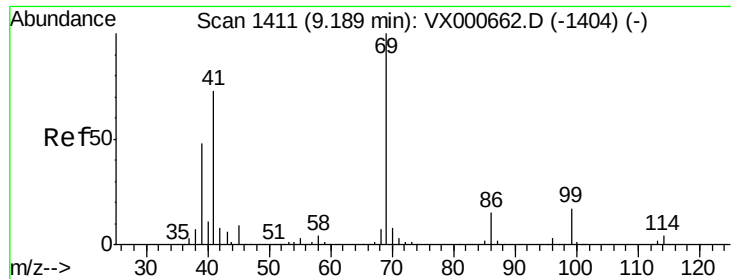
Tgt Ion: 43 Resp: 1344
 Ion Ratio Lower Upper
 43 100
 58 142.6 28.2 42.2#



#54
 cis-1,3-Dichloropropene
 Concen: 4.19 ug/l
 RT: 9.04 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

Tgt Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.1 36.1#
 39 43.2 40.7 61.1





#56

Ethyl methacrylate

Concen: 4.33 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.03 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampled :

VX0404WBL01

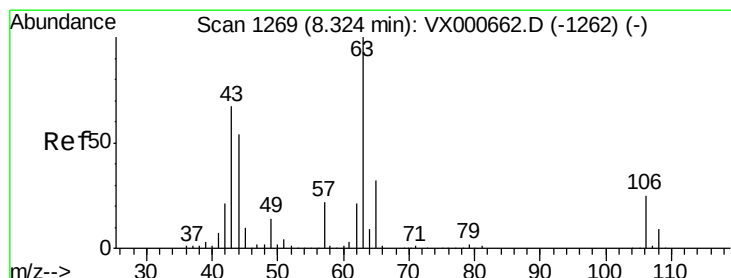
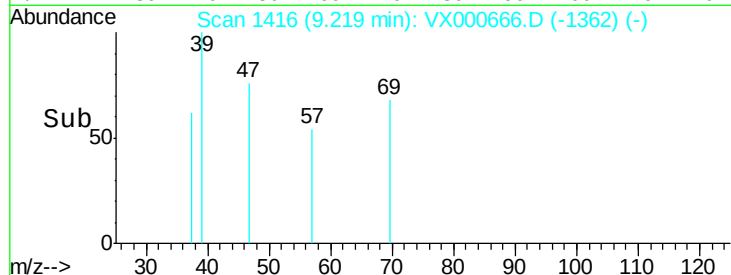
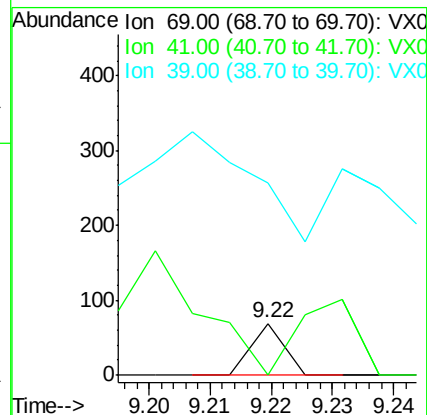
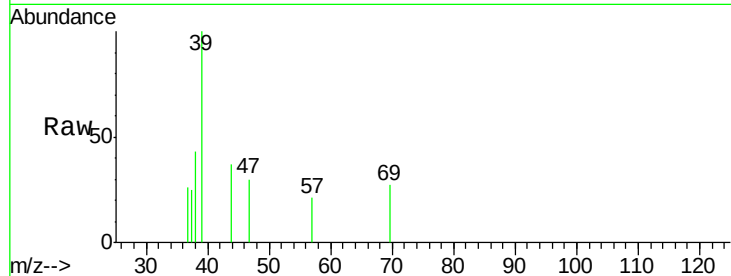
Tgt Ion: 69 Resp: 25

Ion Ratio Lower Upper

69 100

41 268.0 56.5 84.7#

39 0.0 39.8 59.8#



#58

2-Chloroethyl Vinyl ether

Concen: 15.56 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX000666.D

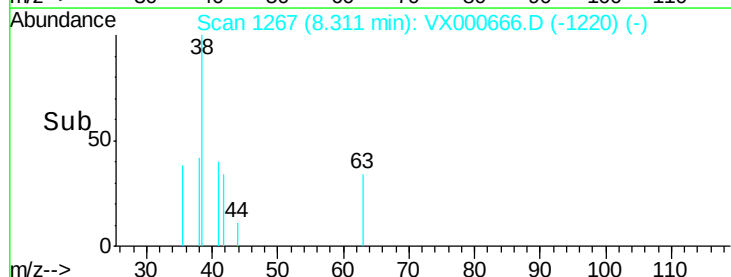
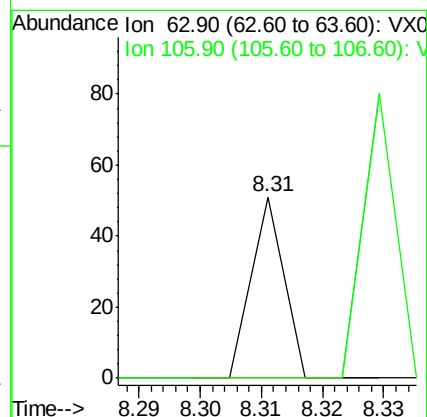
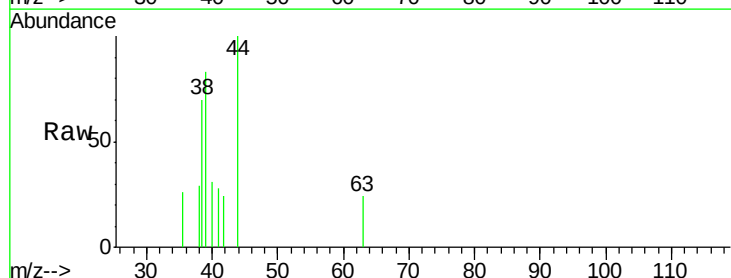
Acq: 04 Apr 2018 19:35

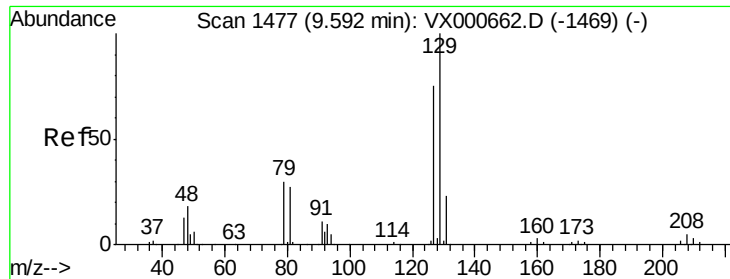
Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

106 152.6 20.5 30.7#





#60

Dibromochloromethane

Concen: 4.70 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

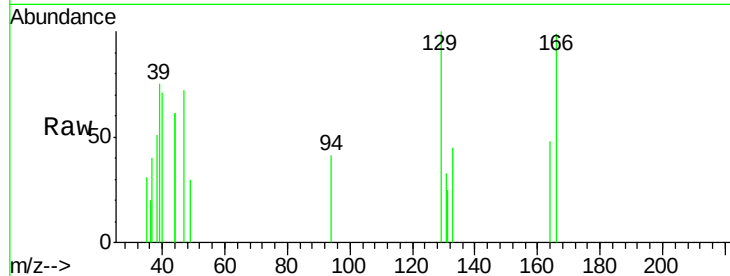
VX0404WBL01

Tgt Ion:129 Resp: 317

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

250

200

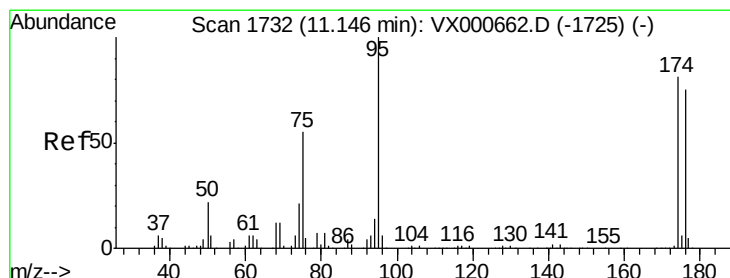
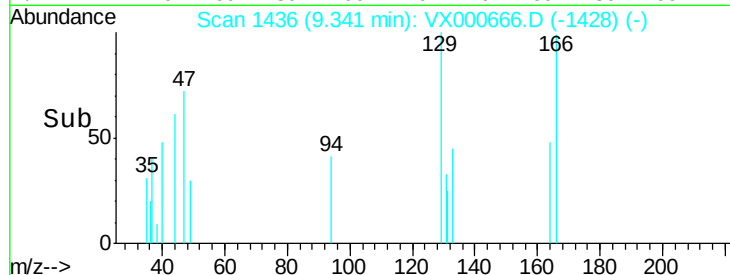
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.57 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

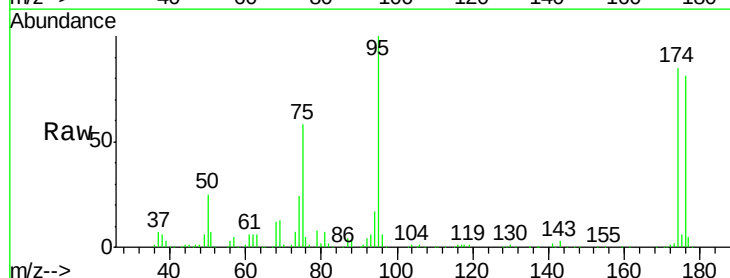
Tgt Ion: 95 Resp: 69812

Ion Ratio Lower Upper

95 100

174 83.9 0.0 156.8

176 77.7 0.0 150.6



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

11.15

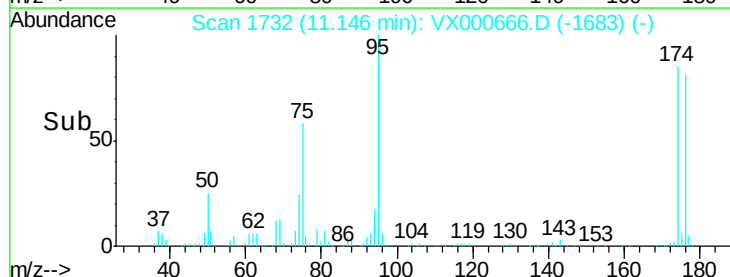
60000

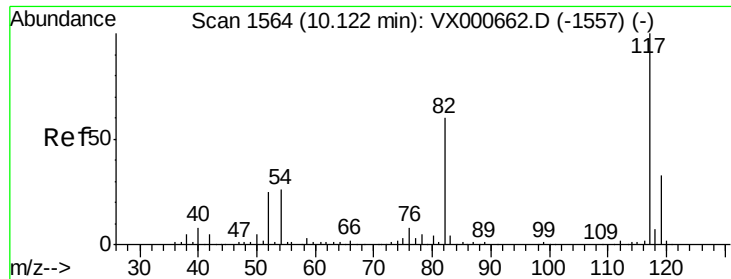
40000

20000

0

Time-->

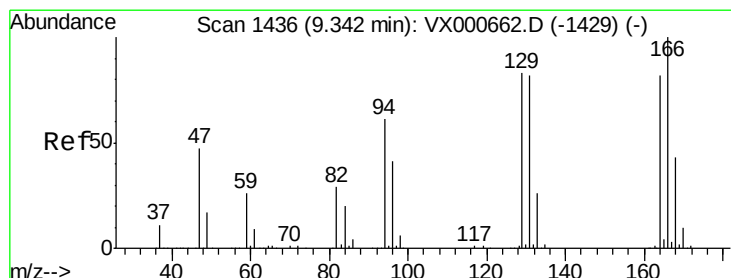
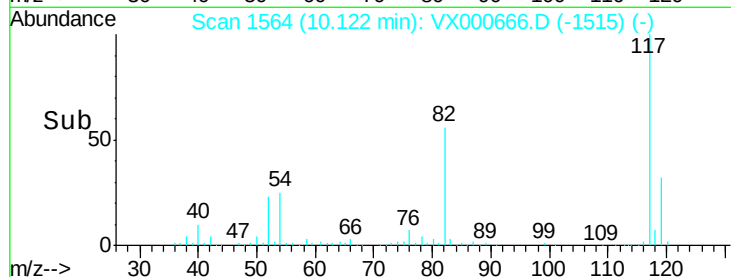
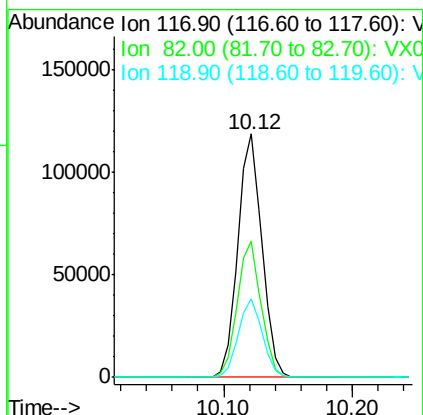
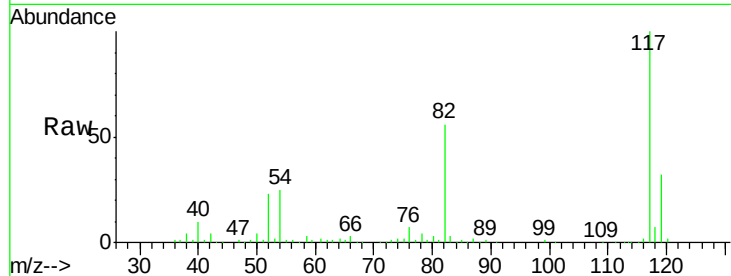




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

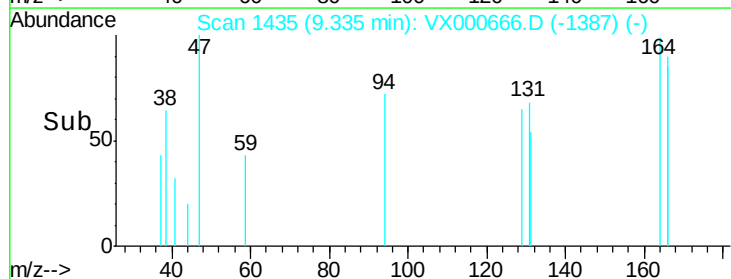
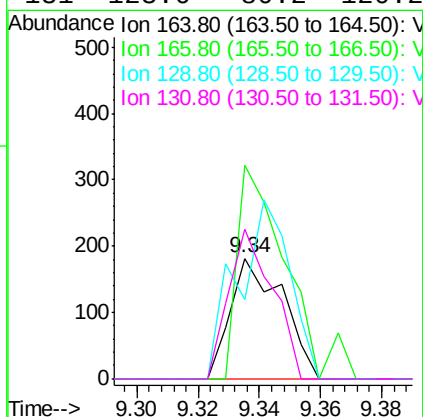
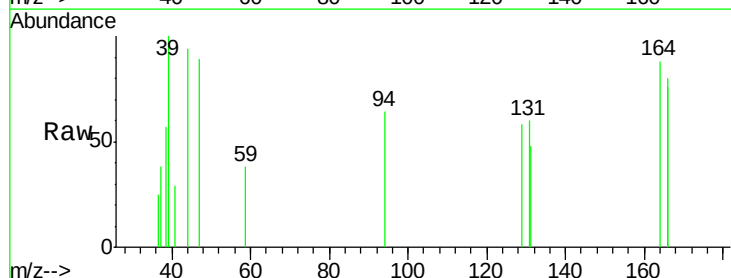
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

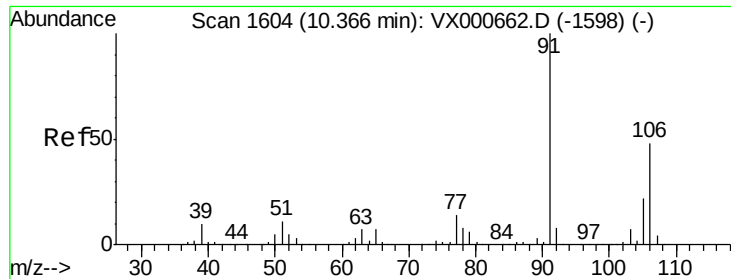
Tgt Ion:117 Resp: 154461
Ion Ratio Lower Upper
117 100
82 56.0 48.3 72.5
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 0.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

Tgt Ion:164 Resp: 214
Ion Ratio Lower Upper
164 100
166 176.9 97.8 146.8#
129 65.9 81.3 121.9#
131 123.6 80.2 120.2#





#68

m/p-Xylenes

Concen: 0.29 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

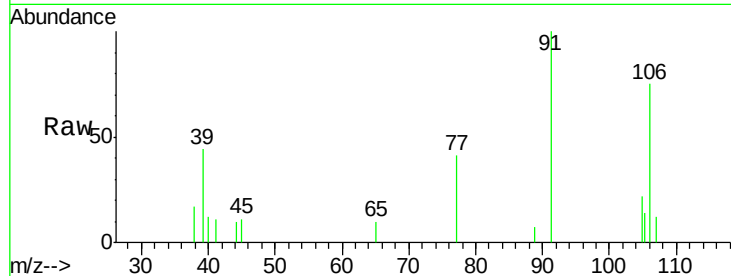
VX0404WBL01

Tgt Ion:106 Resp: 606

Ion Ratio Lower Upper

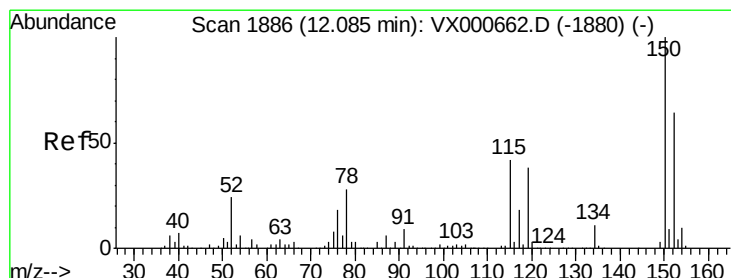
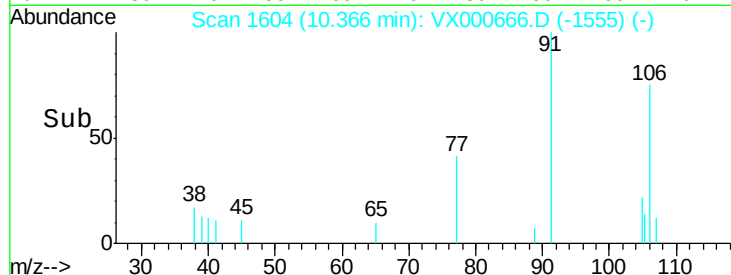
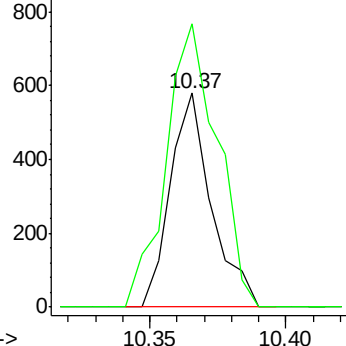
106 100

91 164.7 167.0 250.6#



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# 1886

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

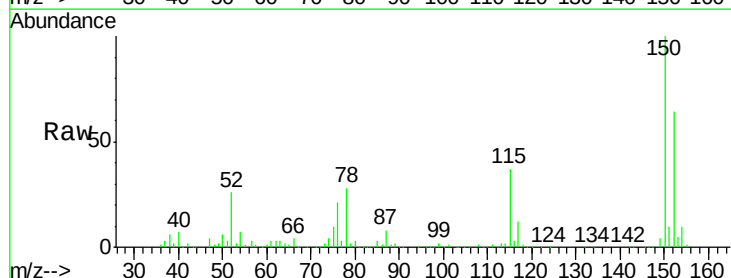
Tgt Ion:152 Resp: 77723

Ion Ratio Lower Upper

152 100

115 58.5 41.9 125.8

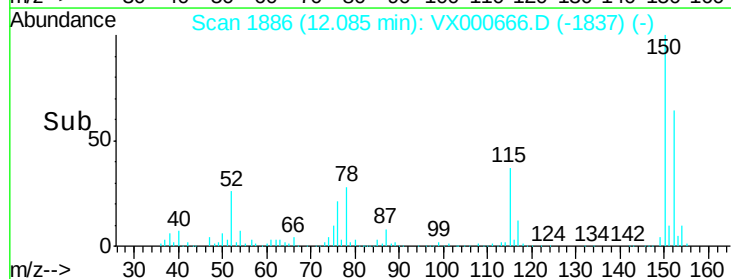
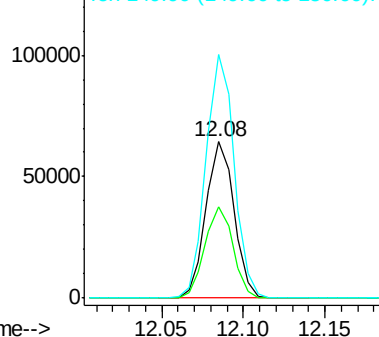
150 154.9 0.0 348.0

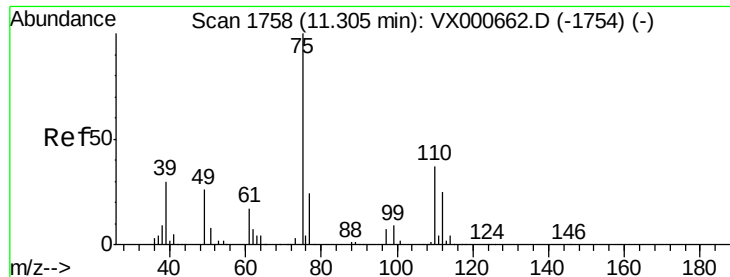


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.00 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

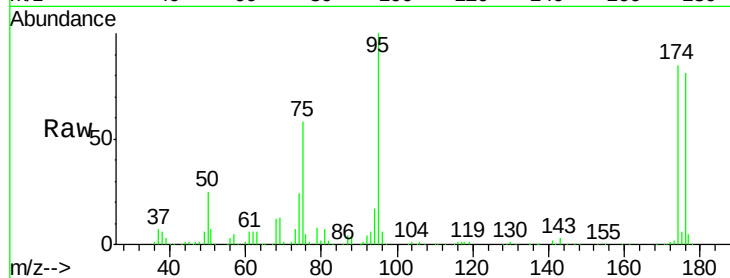
VX0404WBL01

Tgt Ion: 75 Resp: 42382

Ion Ratio Lower Upper

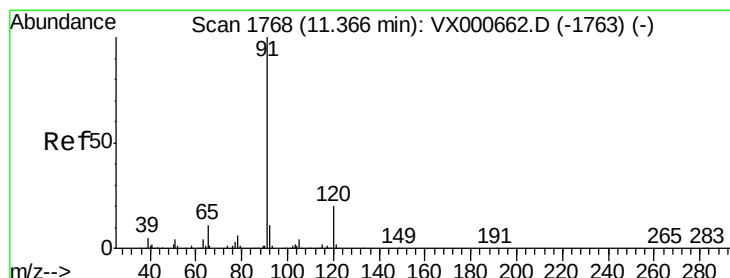
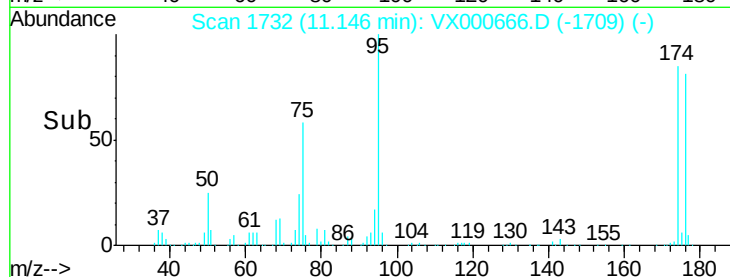
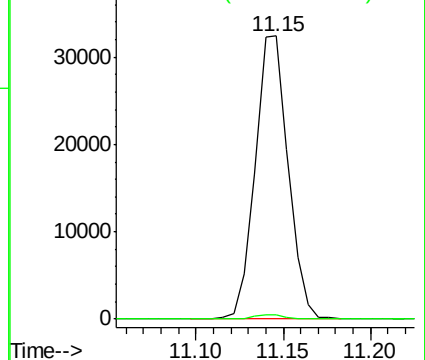
75 100

77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.21 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000666.D

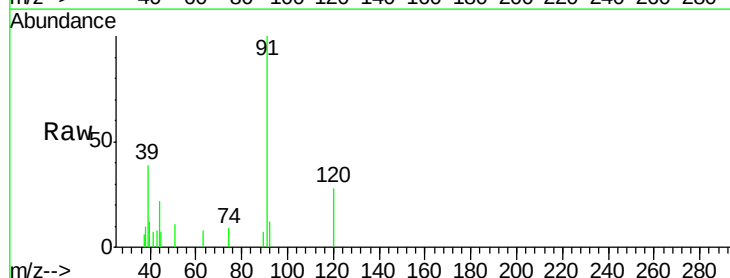
Acq: 04 Apr 2018 19:35

Tgt Ion: 91 Resp: 1188

Ion Ratio Lower Upper

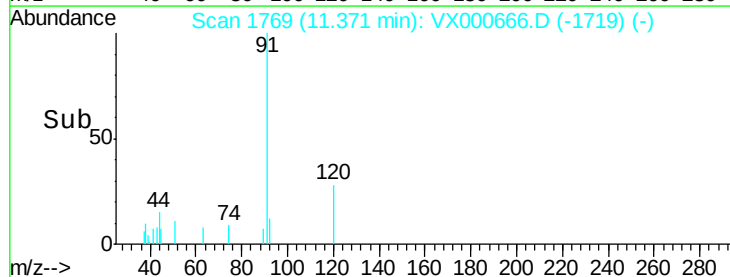
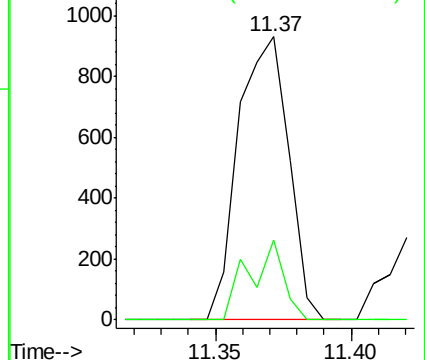
91 100

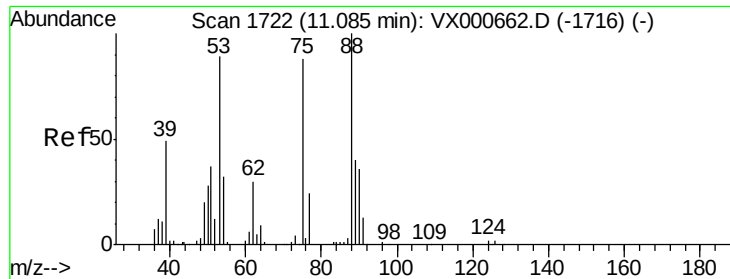
120 19.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 89.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBL01

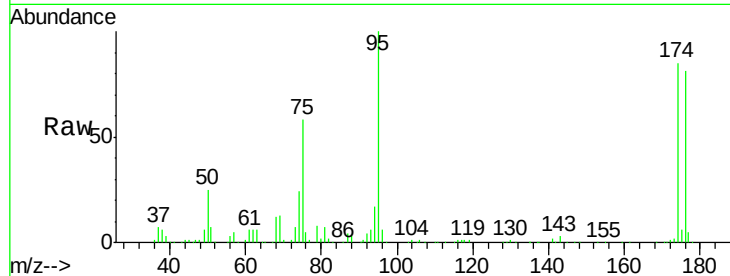
Tgt Ion: 75 Resp: 42382

Ion Ratio Lower Upper

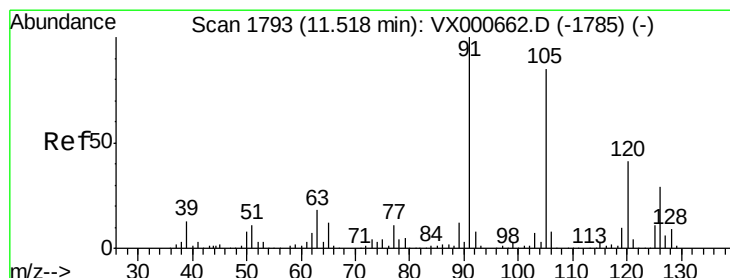
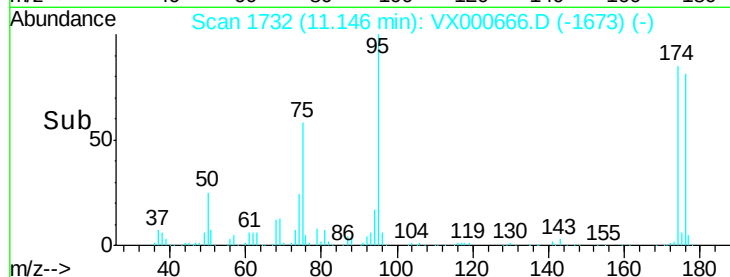
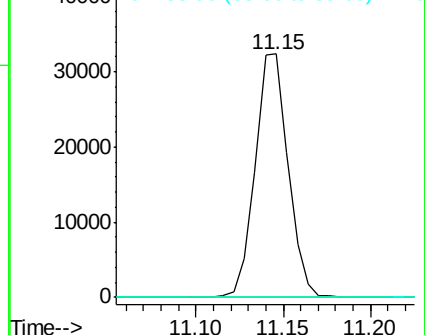
75 100

53 0.0 85.7 128.5#

89 0.0 36.3 54.5#



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



#82

4-Chlorotoluene

Concen: 0.20 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000666.D

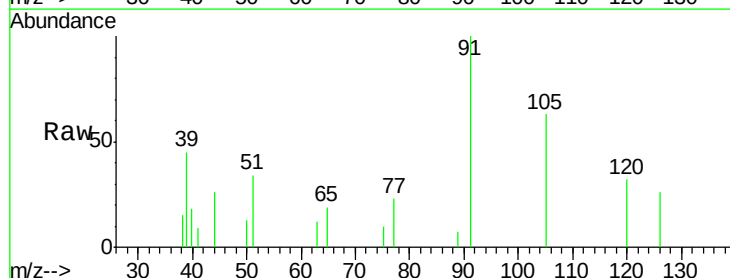
Acq: 04 Apr 2018 19:35

Tgt Ion: 91 Resp: 829

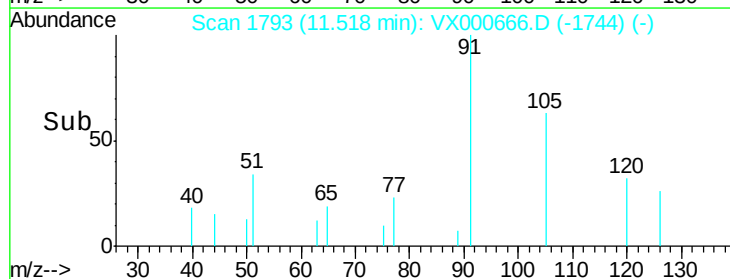
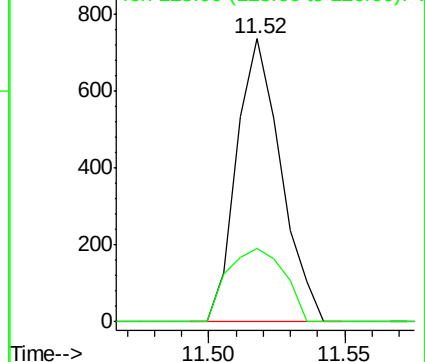
Ion Ratio Lower Upper

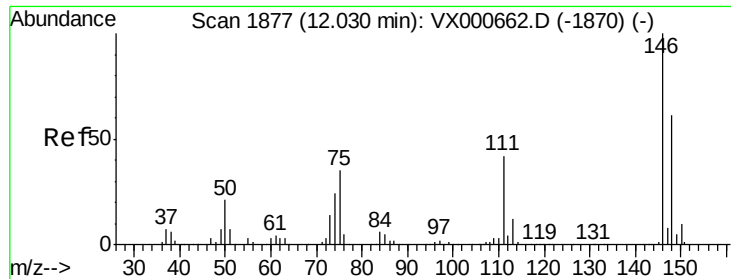
91 100

126 33.4 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

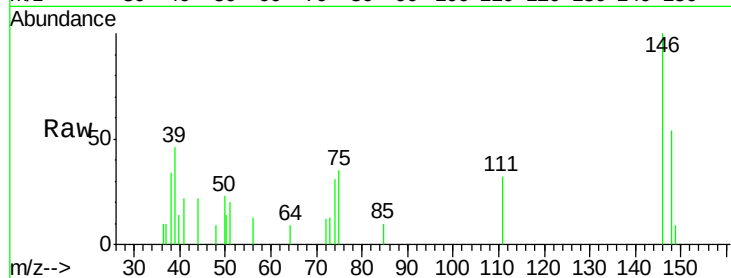




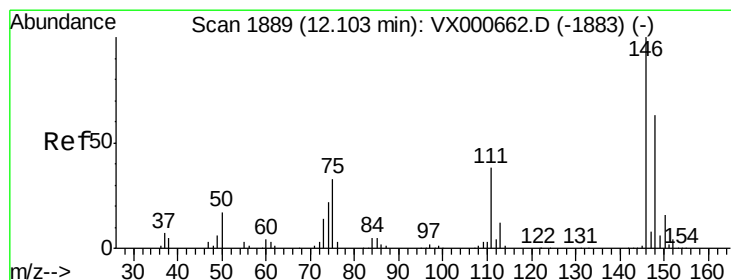
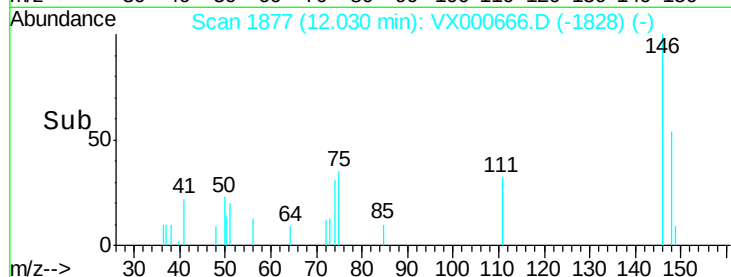
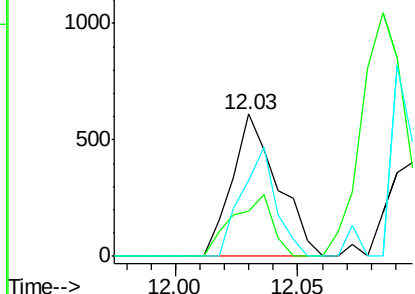
#87
 1,3-Dichlorobenzene
 Concen: 0.35 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBL01

Tgt Ion:146 Resp: 791
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.2 60.6
 148 57.9 31.0 93.0

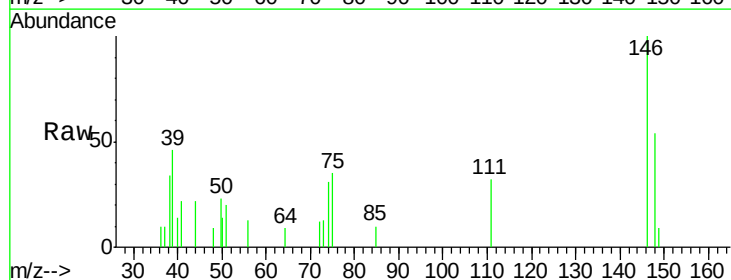


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

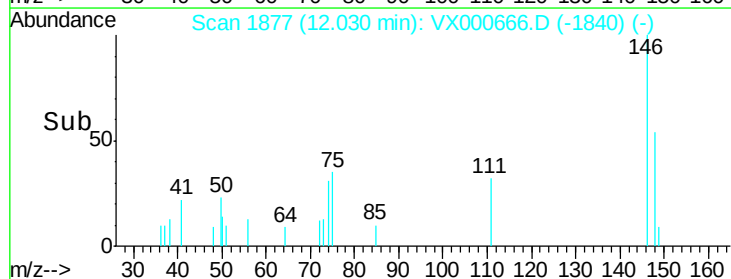
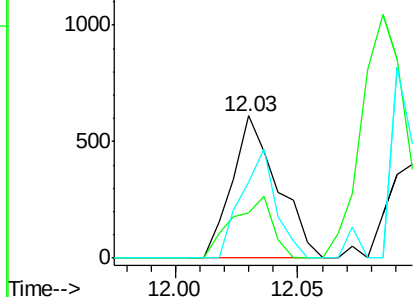


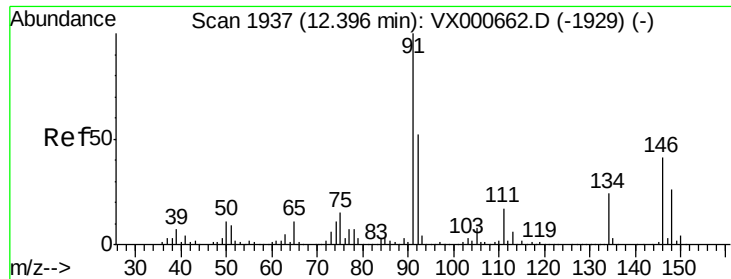
#88
 1,4-Dichlorobenzene
 Concen: 0.32 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

Tgt Ion:146 Resp: 791
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.1 60.3
 148 57.9 31.8 95.4



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





#89

n-Butylbenzene

Concen: 0.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBL01

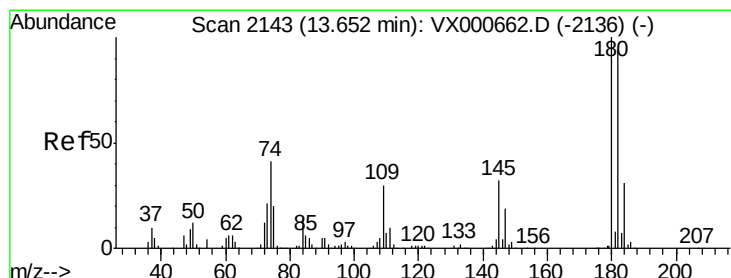
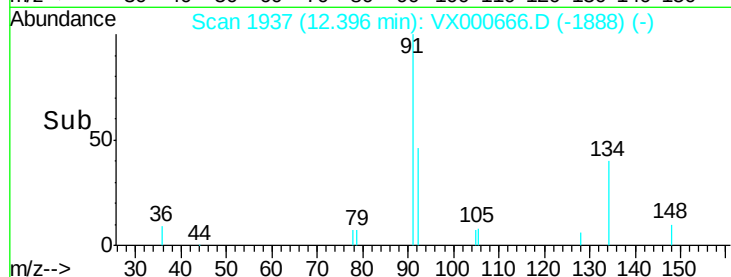
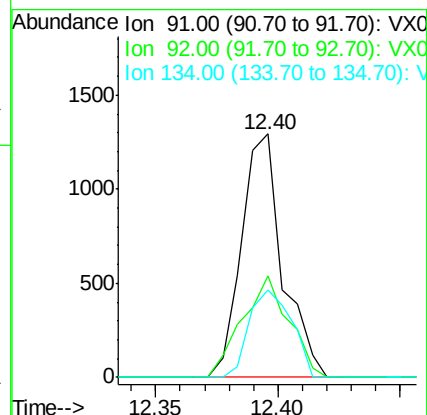
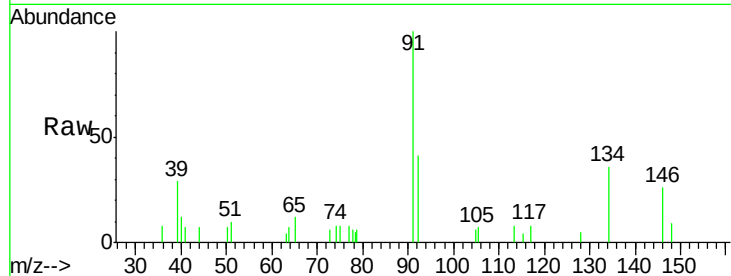
Tgt Ion: 91 Resp: 1506

Ion Ratio Lower Upper

91 100

92 47.4 25.9 77.8

134 37.2 12.2 36.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.37 ug/l

RT: 13.66 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

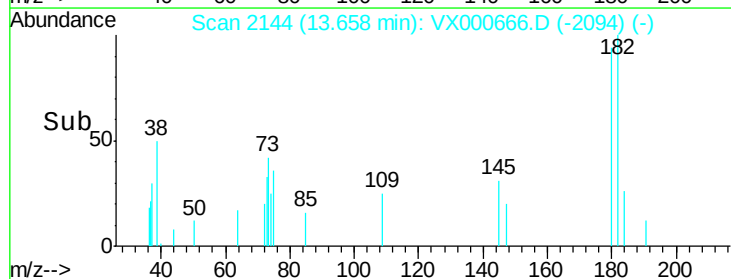
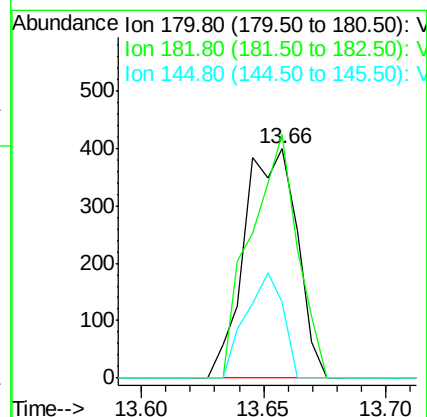
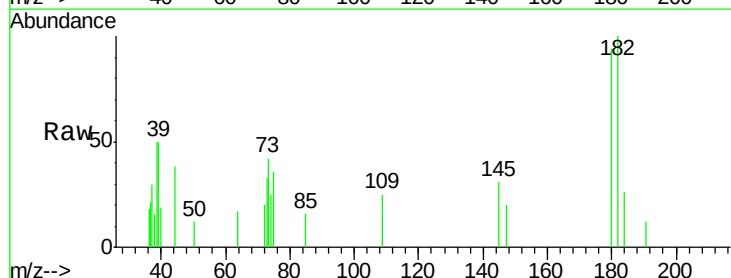
Tgt Ion: 180 Resp: 599

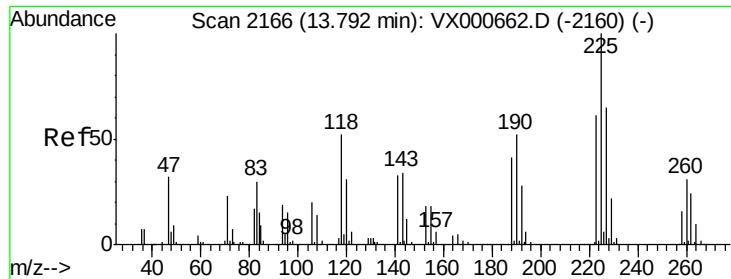
Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 32.4 14.8 44.3





#94

Hexachlorobutadiene

Concen: 0.28 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampled :

VX0404WBL01

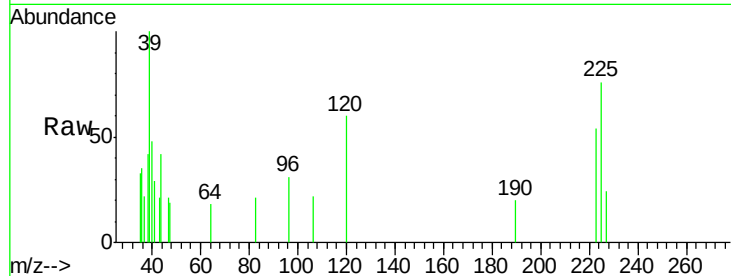
Tgt Ion:225 Resp: 172

Ion Ratio Lower Upper

225 100

223 84.9 31.4 94.0

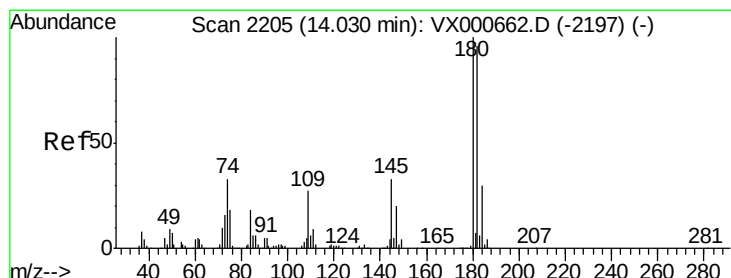
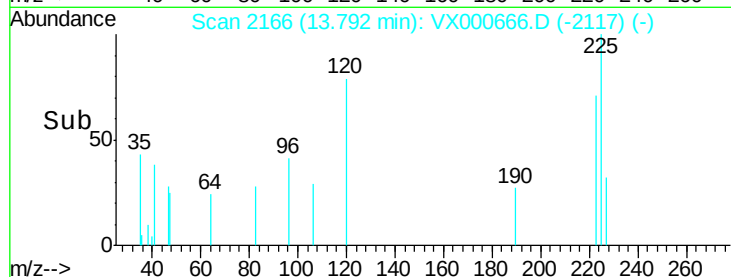
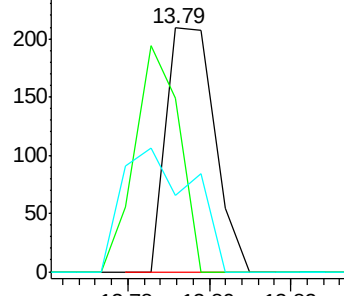
227 73.8 32.7 98.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

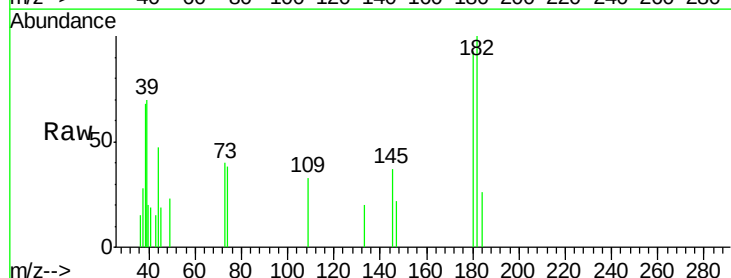
Tgt Ion:180 Resp: 539

Ion Ratio Lower Upper

180 100

182 104.5 47.2 141.6

145 13.9 16.8 50.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

