

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061118\
 Data File : VX002448.D
 Acq On : 11 Jun 2018 17:35
 Operator : JC/MD
 Sample : J3406-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW620-180606

Quant Time: Jun 12 01:53:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172237	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173500	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	5.51	113	129301	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.72	98	508163	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	178854	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	695	Below Cal	#	19
5) Bromomethane	1.65	94	1950	Below Cal		93
6) Chloroethane	1.70	64	1664	0.87	ug/l	# 56
8) Diethyl Ether	2.18	74	59	Below Cal		91
10) Methyl Iodide	2.52	142	2312	0.67	ug/l	# 90
11) Tert butyl alcohol	3.02	59	1372	Below Cal	#	89
13) Acrolein	2.30	56	212	Below Cal	#	62
15) Acrylonitrile	3.15	53	779	Below Cal		86
16) Acetone	2.45	43	3536	Below Cal		100
17) Carbon Disulfide	2.57	76	1680	0.26	ug/l	100
18) Methyl Acetate	2.78	43	796	Below Cal	#	88
19) Methyl tert-butyl Ether	3.20	73	372	Below Cal	#	1
20) Methylene Chloride	2.87	84	498	Below Cal		86
21) trans-1,2-Dichloroethene	3.17	96	576	0.22	ug/l	# 44
22) Diisopropyl ether	3.89	45	384	Below Cal	#	76
25) 2-Butanone	4.71	43	826	0.37	ug/l	96
27) cis-1,2-Dichloroethene	4.61	96	1958	0.68	ug/l	# 1
28) Bromochloromethane	5.02	49	51	Below Cal	#	13
29) Tetrahydrofuran	5.17	42	400	0.28	ug/l	# 59
38) Carbon Tetrachloride	5.67	117	21217	5.88	ug/l	# 15
39) Methylcyclohexane	7.46	83	498	0.38	ug/l	# 80
44) Trichloroethene	7.22	130	2820	0.96	ug/l	99
49) 1,4-Dioxane	7.76	88	19	0.29	ug/l	# 1
60) Dibromochloromethane	9.34	129	3270	1.18	ug/l	# 11
64) Tetrachloroethene	9.34	164	3593	1.15	ug/l	99
68) m/p-Xylenes	10.37	106	1040	0.21	ug/l	80
76) 1,2,3-Trichloropropane	11.14	75	98149	25.97	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	98149	91.03	ug/l	# 6
87) 1,3-Dichlorobenzene	12.03	146	1440	0.24	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	1440	0.23	ug/l	98
89) n-Butylbenzene	12.39	91	1861	0.21	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	1260	0.29	ug/l	92
96) 1,2,3-Trichlorobenzene	14.02	180	1019	0.23	ug/l	91

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

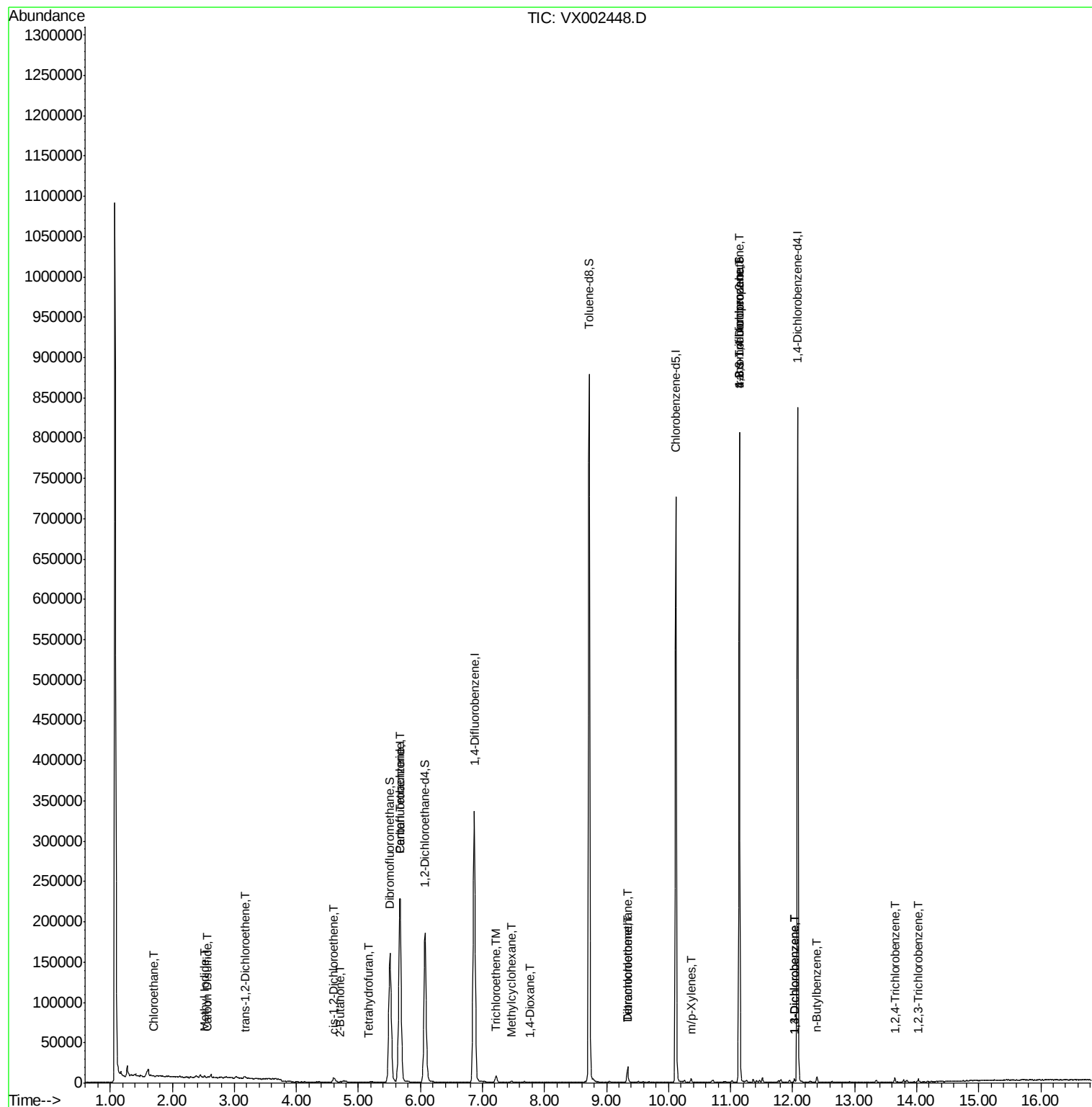
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

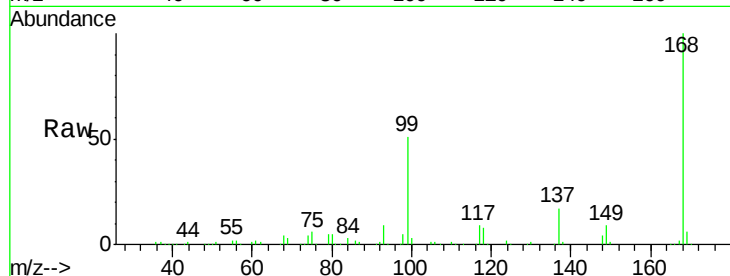
SS050MW620-180606

Tgt Ion:168 Resp: 226896

Ion Ratio Lower Upper

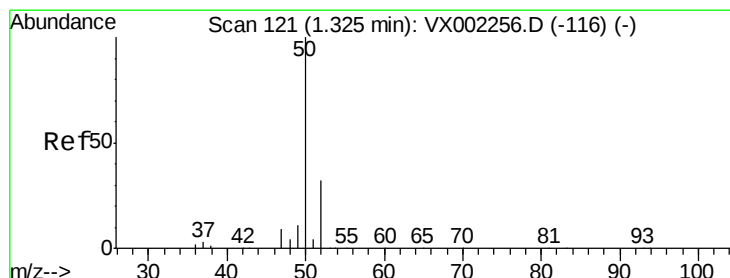
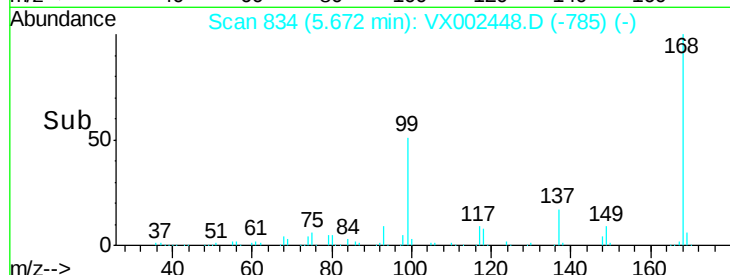
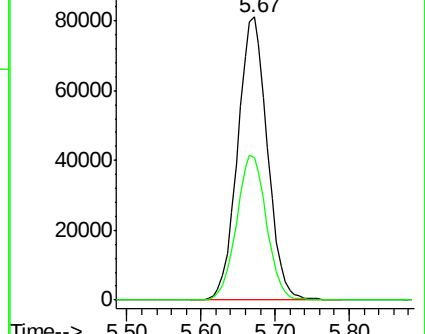
168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002448.D

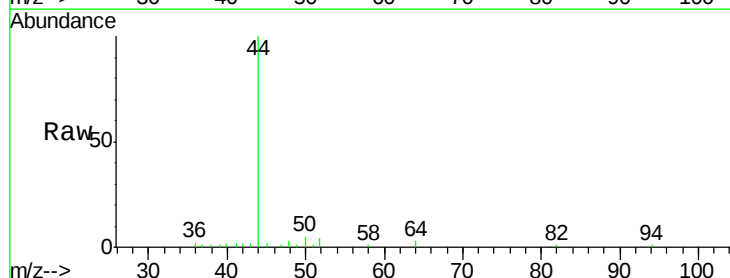
Acq: 11 Jun 2018 17:35

Tgt Ion: 50 Resp: 695

Ion Ratio Lower Upper

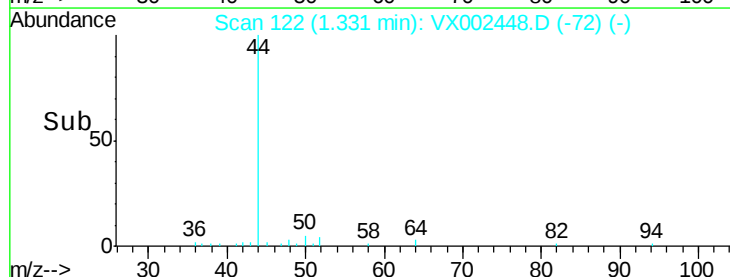
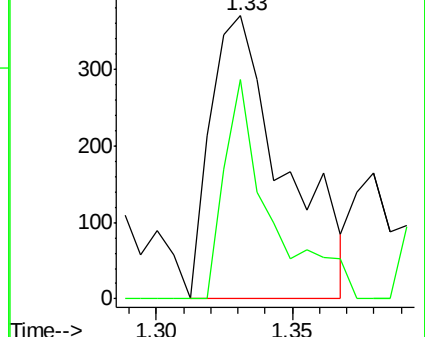
50 100

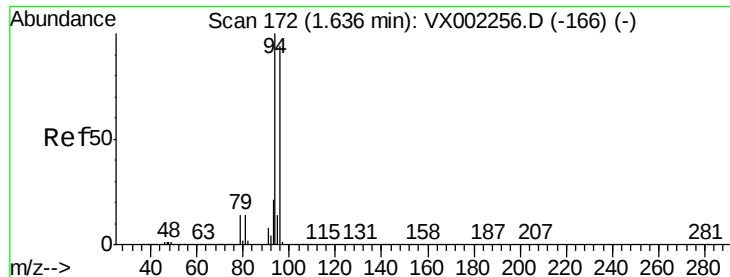
52 77.6 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

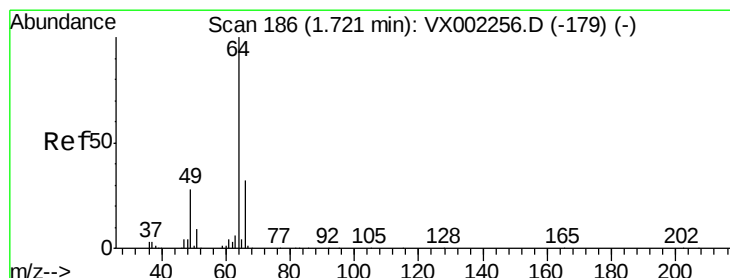
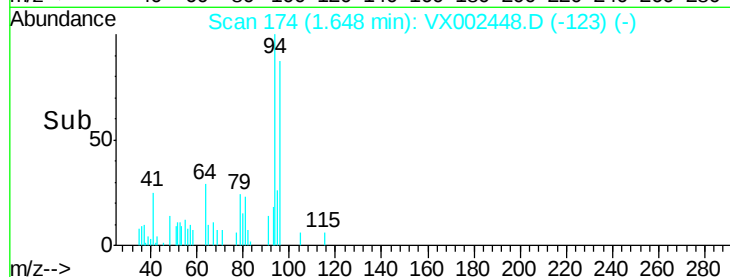
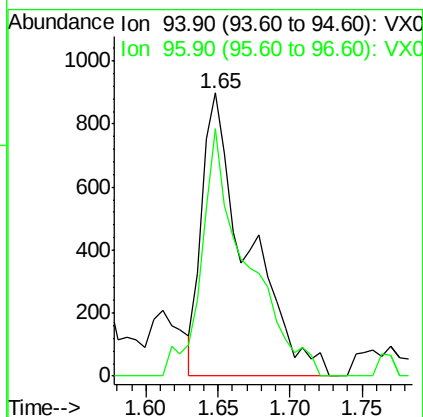
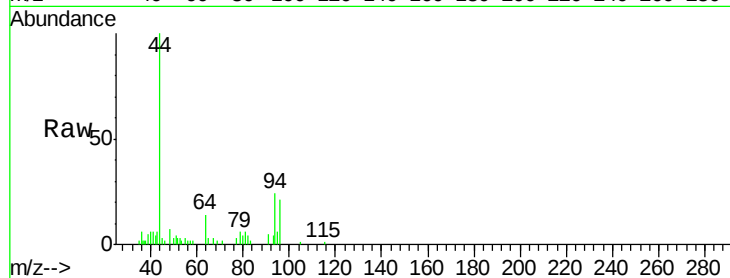
SS050MW620-180606

Tgt Ion: 94 Resp: 1950

Ion Ratio Lower Upper

94 100

96 87.3 74.9 112.3



#6

Chloroethane

Concen: 0.87 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX002448.D

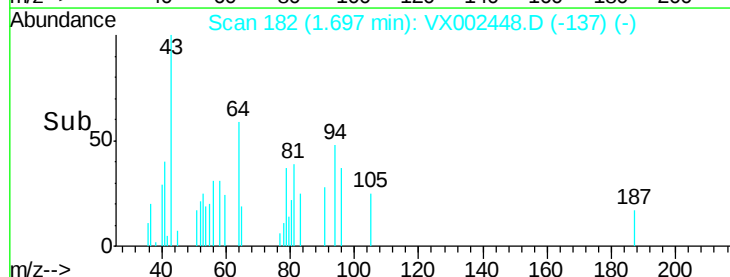
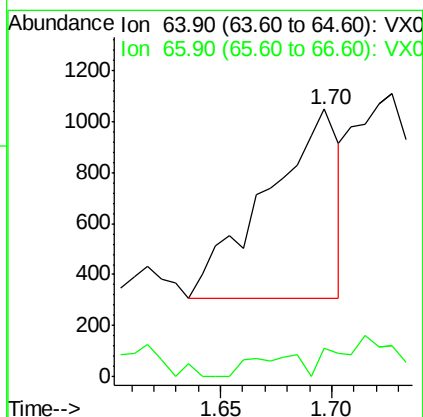
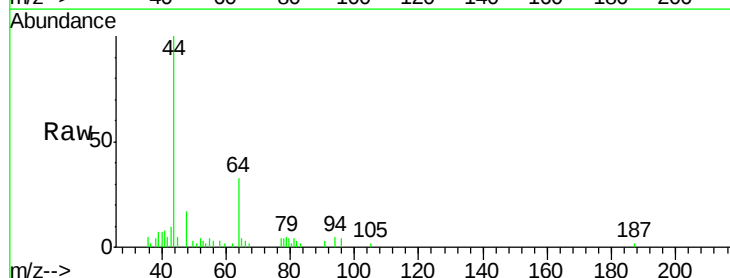
Acq: 11 Jun 2018 17:35

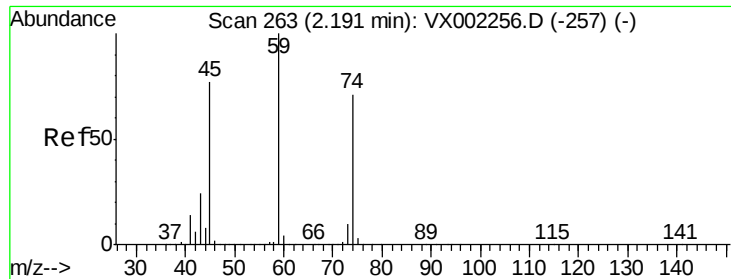
Tgt Ion: 64 Resp: 1664

Ion Ratio Lower Upper

64 100

66 7.6 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

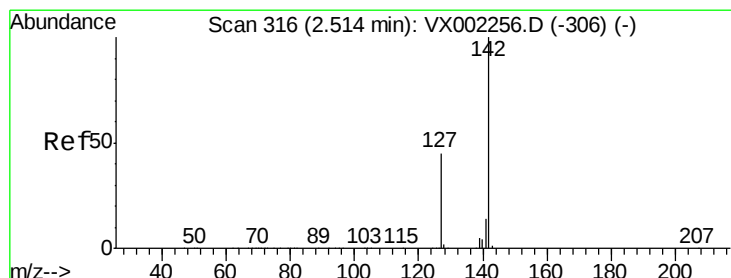
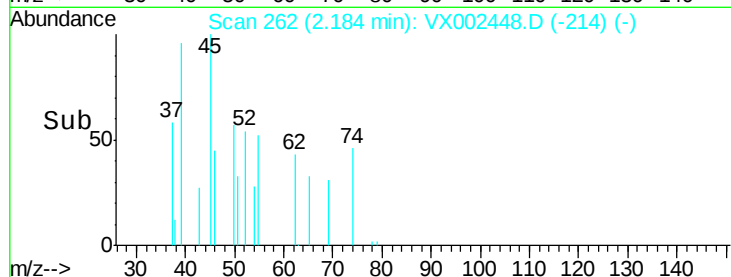
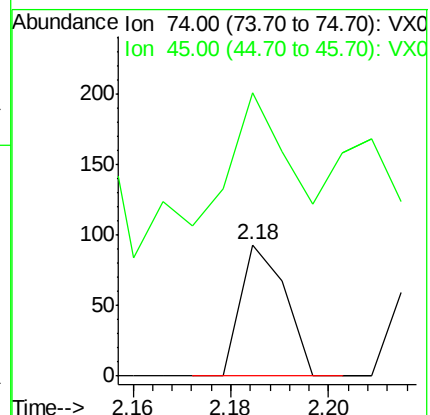
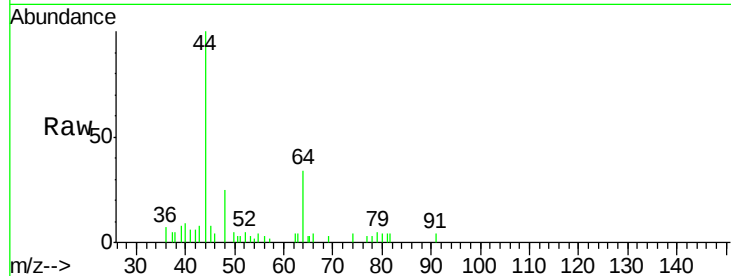
SS050MW620-180606

Tgt Ion: 74 Resp: 59

Ion Ratio Lower Upper

74 100

45 115.3 53.1 159.4



#10

Methyl Iodide

Concen: 0.67 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

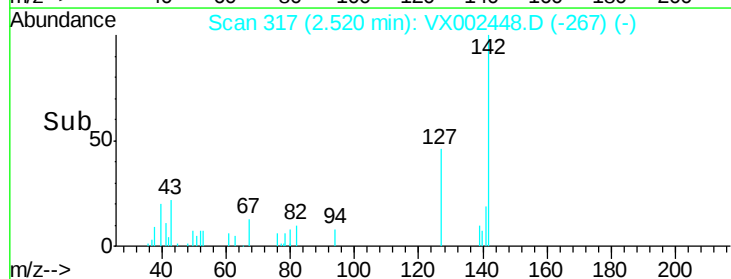
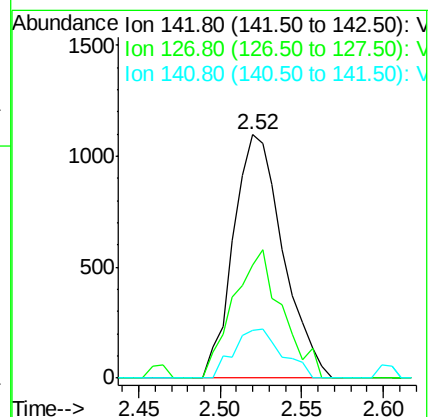
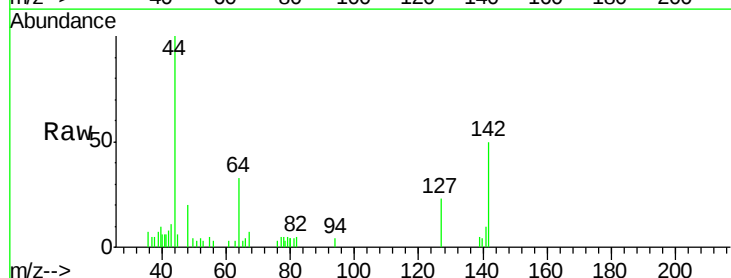
Tgt Ion: 142 Resp: 2312

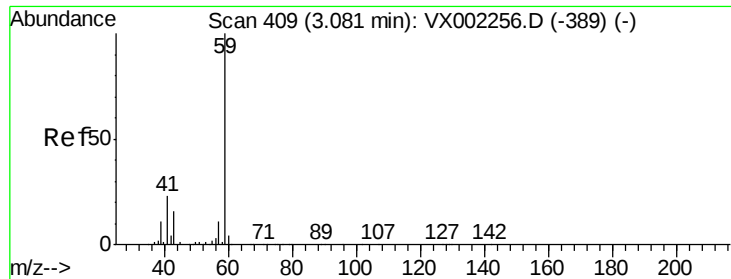
Ion Ratio Lower Upper

142 100

127 52.0 36.6 55.0

141 19.6 11.3 16.9#

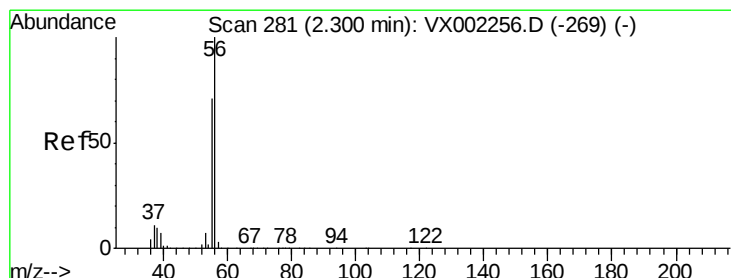
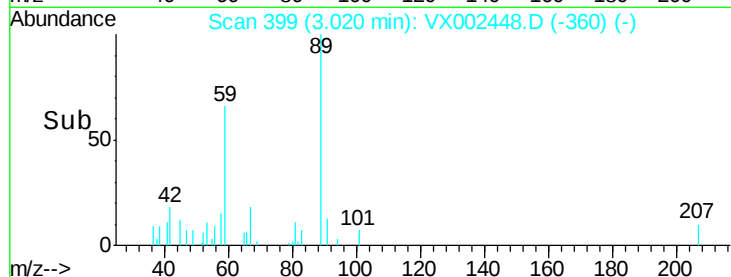
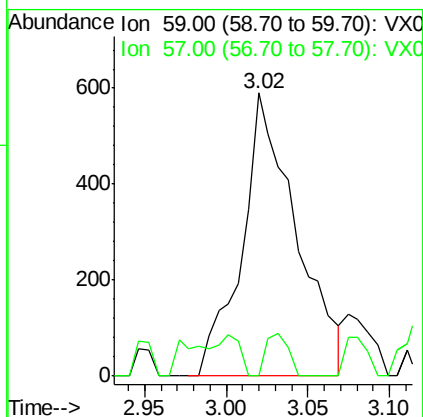
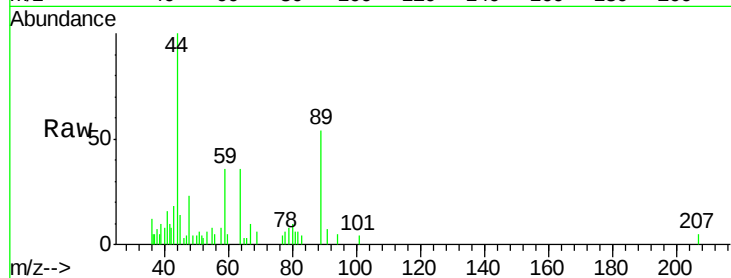




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

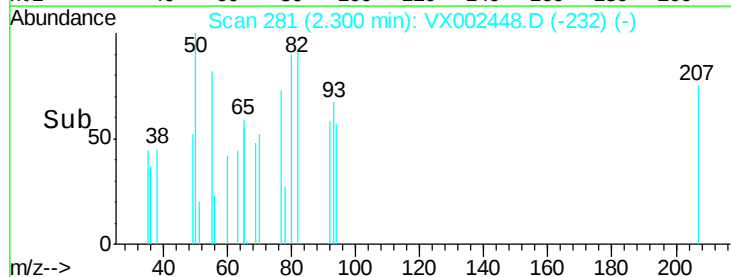
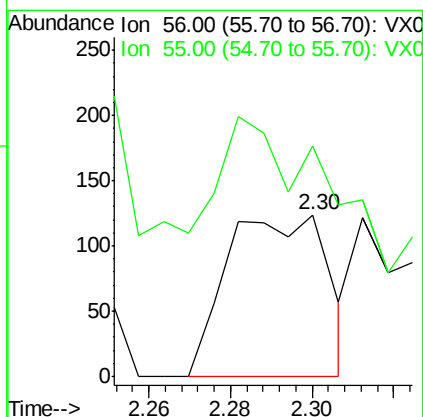
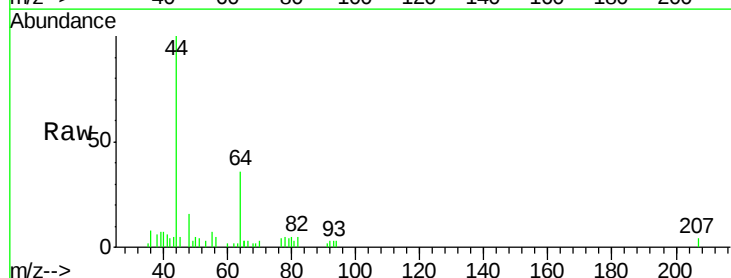
Instrument :
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SS050MW620-180606

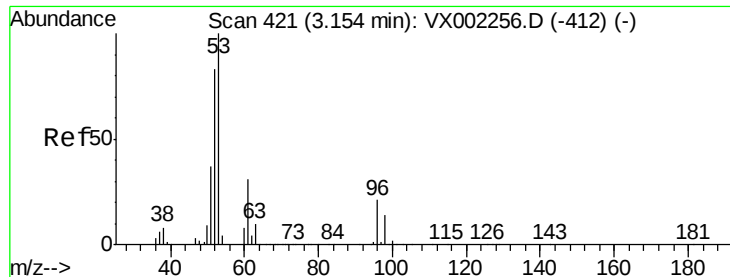
Tgt Ion: 59 Resp: 1372
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

Tgt Ion: 56 Resp: 212
Ion Ratio Lower Upper
56 100
55 102.4 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS050MW620-180606

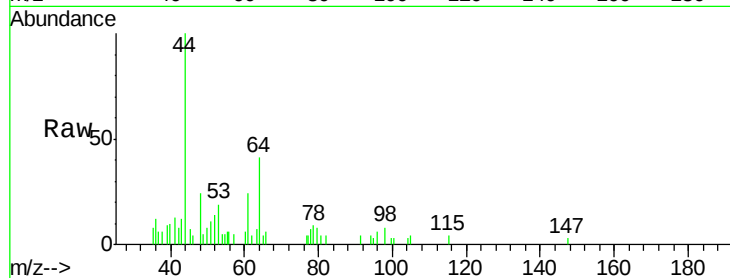
Tgt Ion: 53 Resp: 779

Ion Ratio Lower Upper

53 100

52 67.0 66.7 100.1

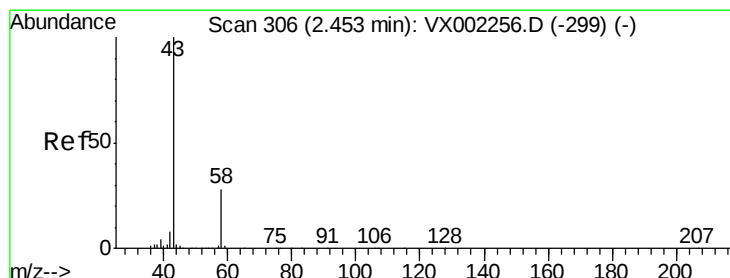
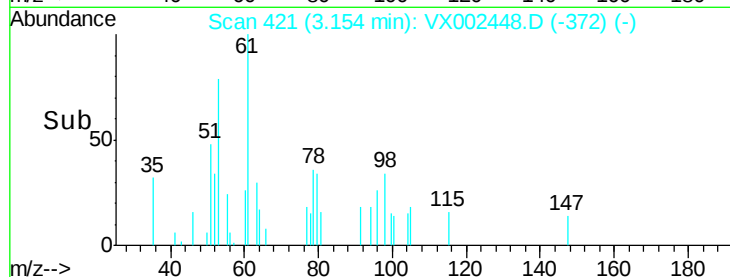
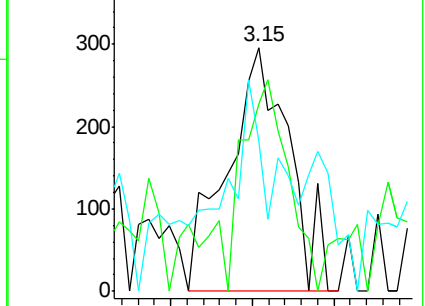
51 34.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002448.D

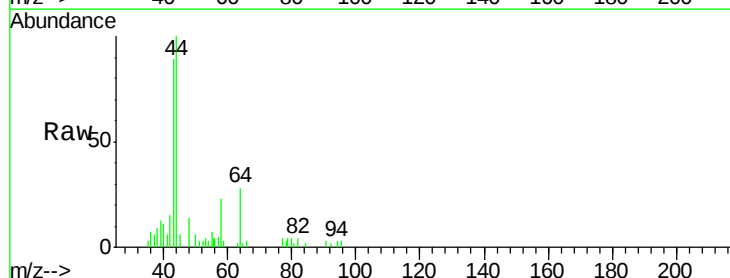
Acq: 11 Jun 2018 17:35

Tgt Ion: 43 Resp: 3536

Ion Ratio Lower Upper

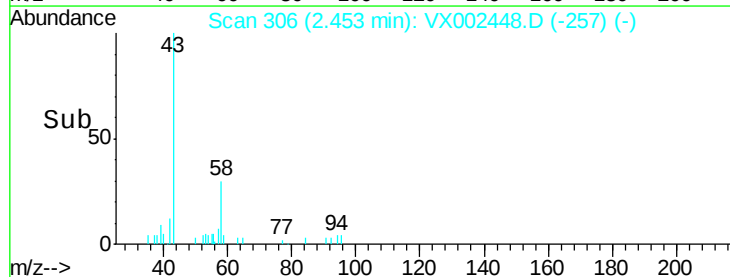
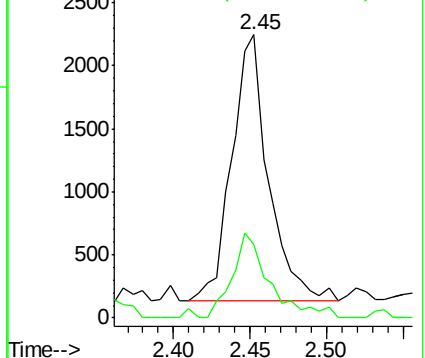
43 100

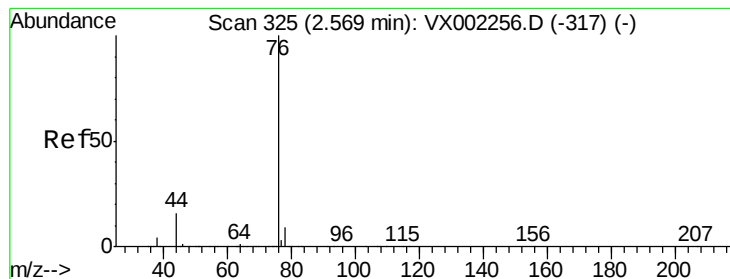
58 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

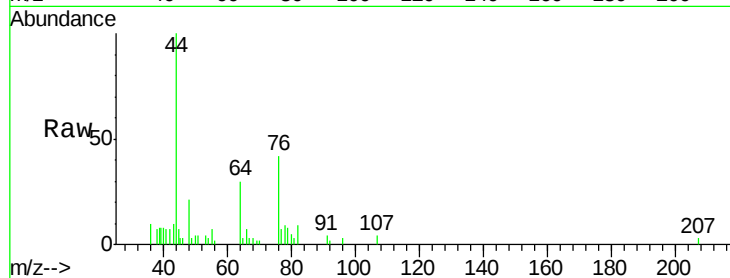
SS050MW620-180606

Tgt Ion: 76 Resp: 1680

Ion Ratio Lower Upper

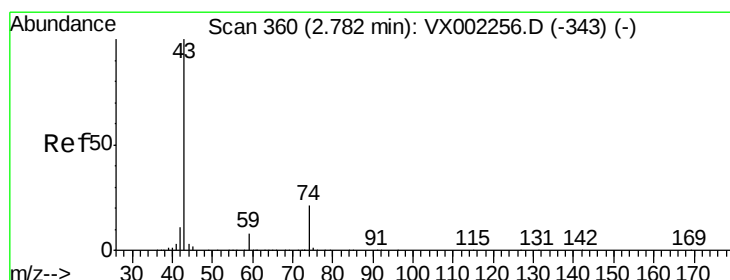
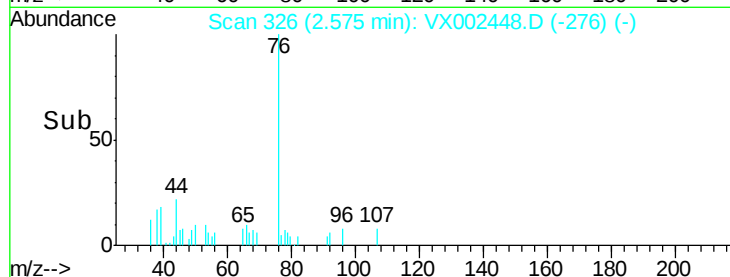
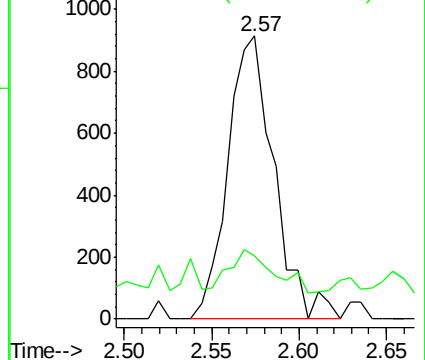
76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002448.D

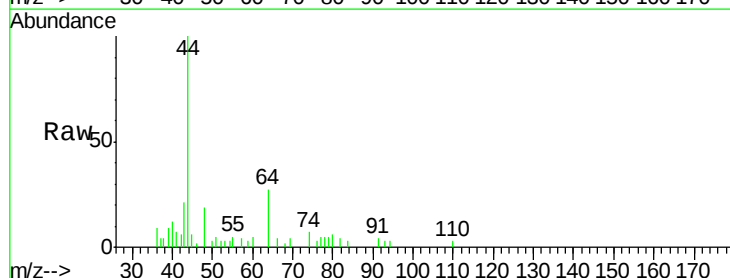
Acq: 11 Jun 2018 17:35

Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

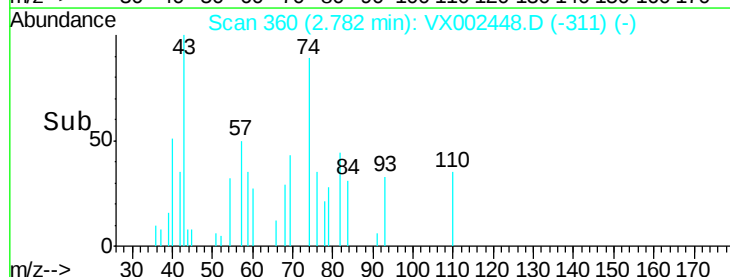
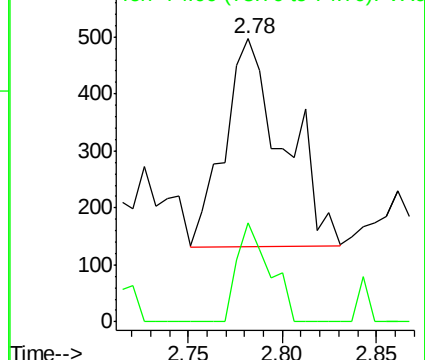
43 100

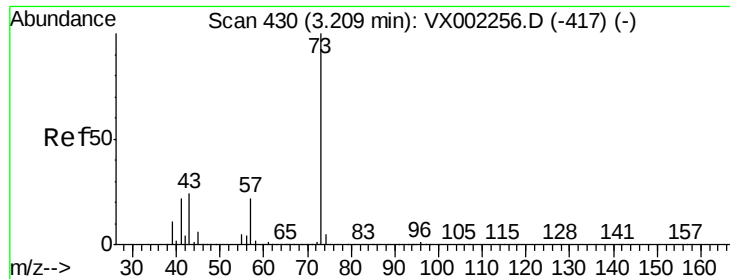
74 26.4 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

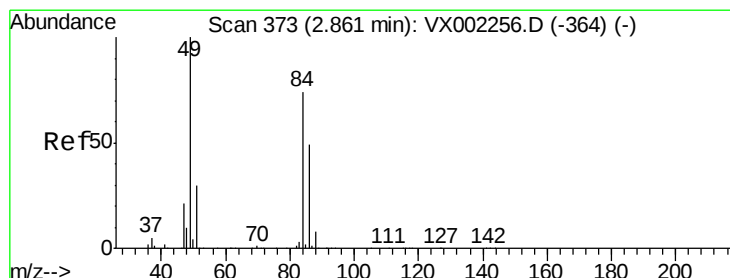
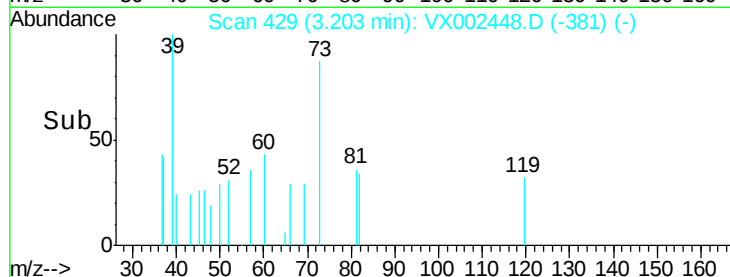
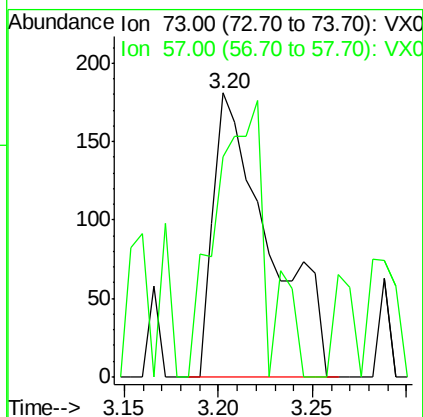
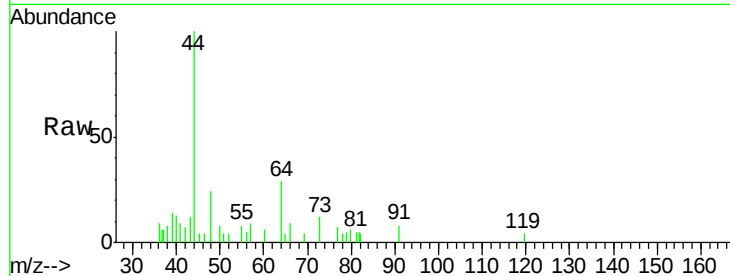




#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

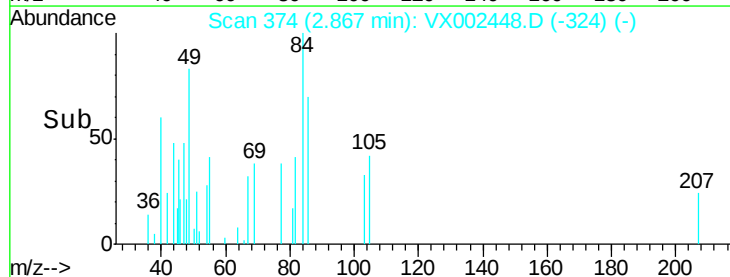
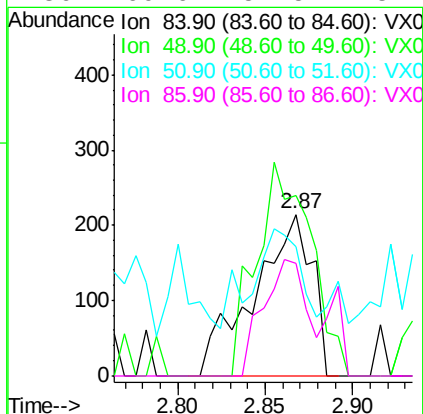
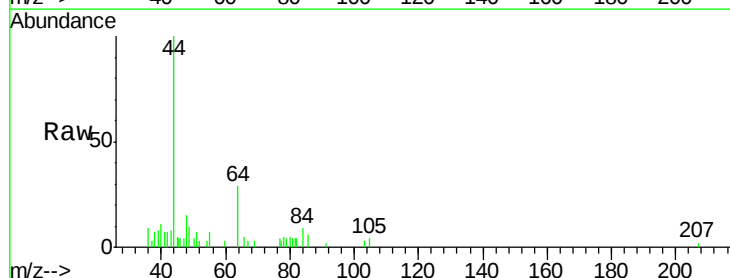
Instrument :
MSVOA_X
ClientSampleId :
SS050MW620-180606

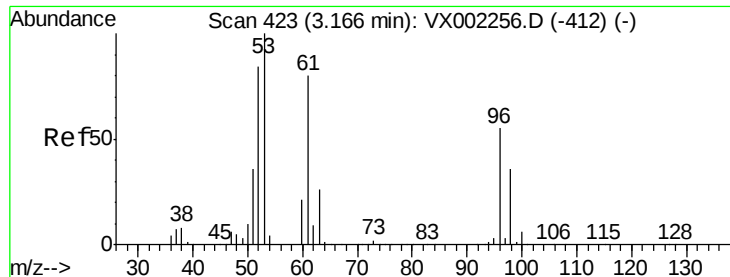
Tgt Ion: 73 Resp: 372
Ion Ratio Lower Upper
73 100
57 77.3 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

Tgt Ion: 84 Resp: 498
Ion Ratio Lower Upper
84 100
49 111.7 107.8 161.6
51 36.0 32.8 49.2
86 69.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS050MW620-180606

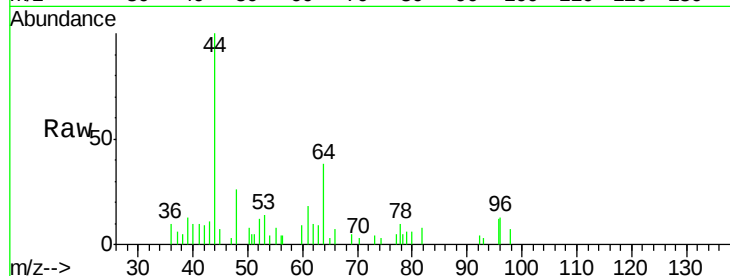
Tgt Ion: 96 Resp: 576

Ion Ratio Lower Upper

96 100

61 72.5 117.0 175.4#

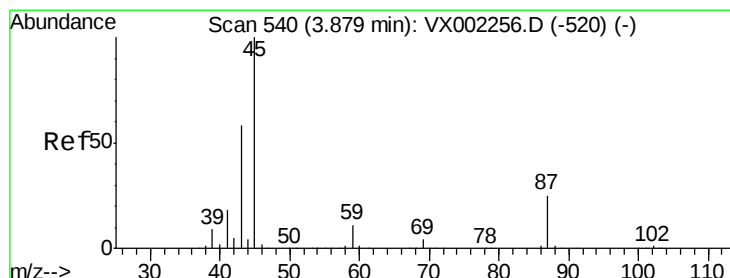
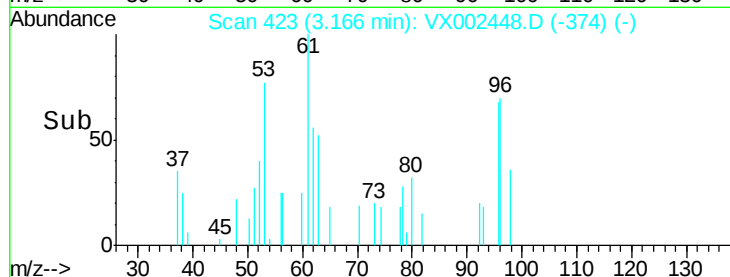
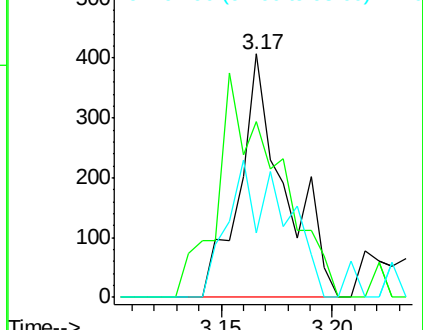
98 26.3 52.4 78.6#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: Below Cal

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Tgt Ion: 45 Resp: 384

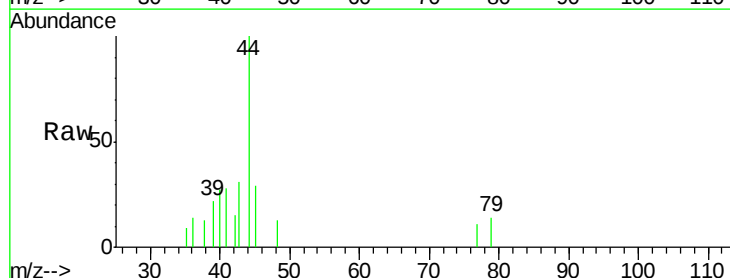
Ion Ratio Lower Upper

45 100

43 67.5 46.8 70.2

87 0.0 20.2 30.4#

59 0.0 8.7 13.1#

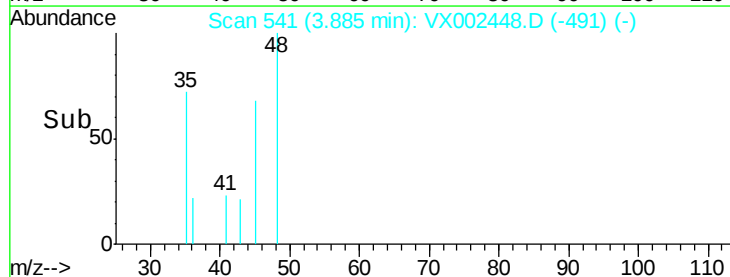
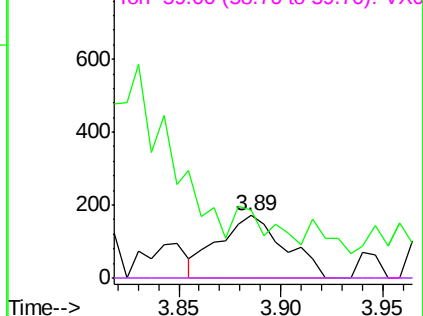


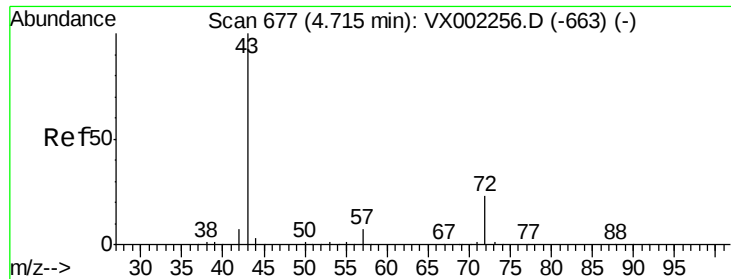
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

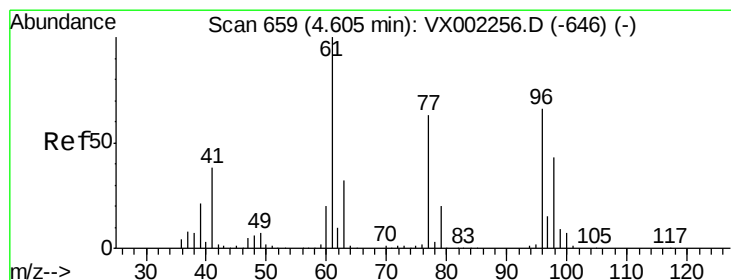
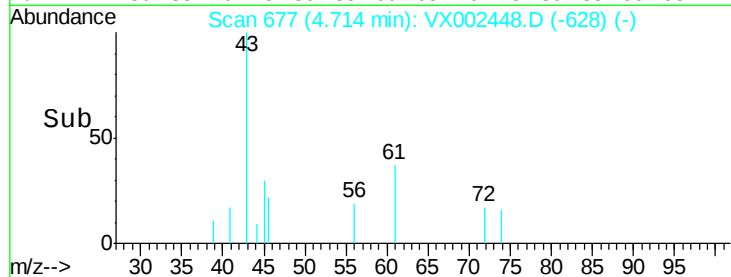
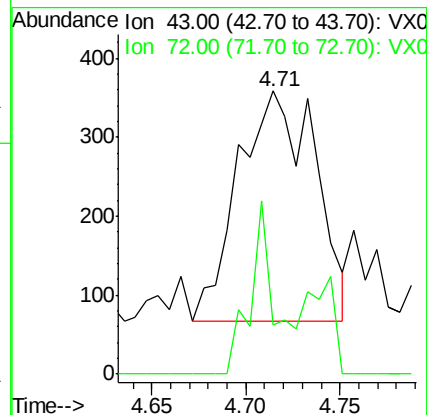
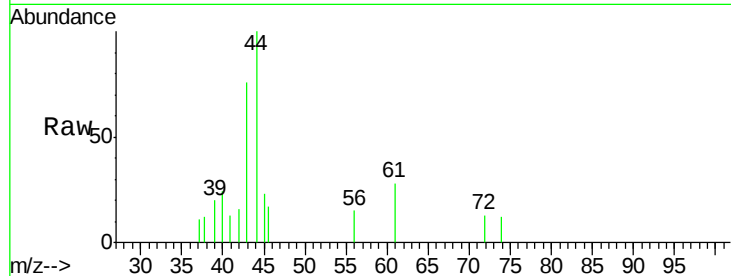
SS050MW620-180606

Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

72 21.3 18.5 27.7



#27

cis-1,2-Dichloroethene

Concen: 0.68 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

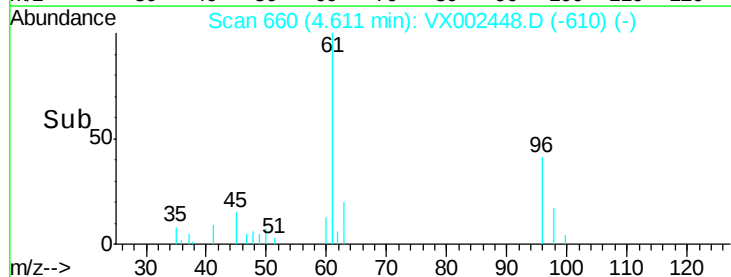
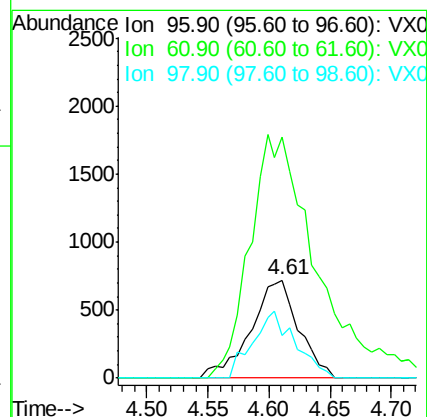
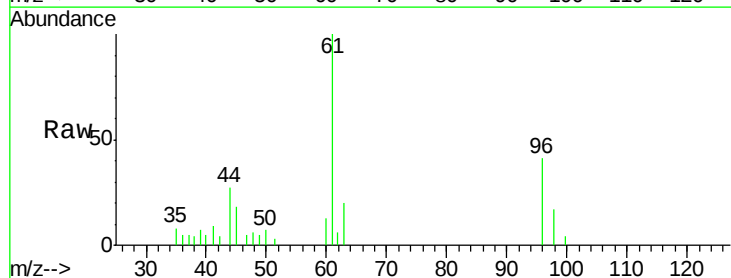
Tgt Ion: 96 Resp: 1958

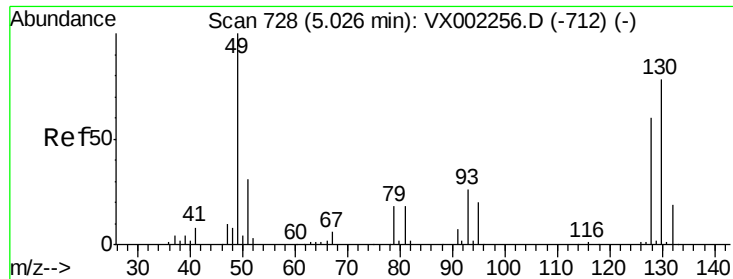
Ion Ratio Lower Upper

96 100

61 352.2 0.0 330.2#

98 60.9 0.0 130.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

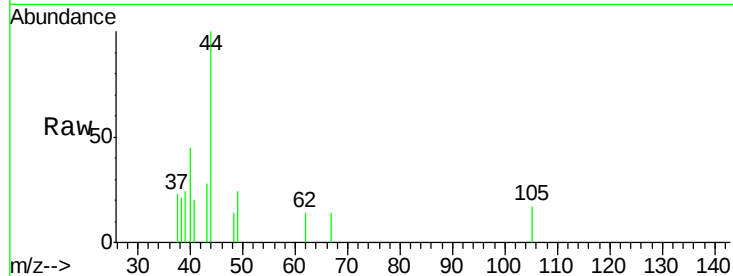
MSVOA_X

ClientSampleId :

SS050MW620-180606

Tgt Ion: 49 Resp: 51

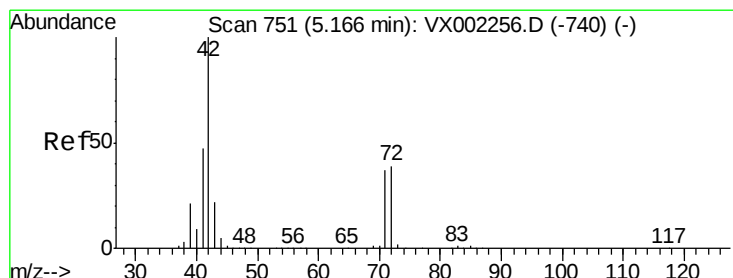
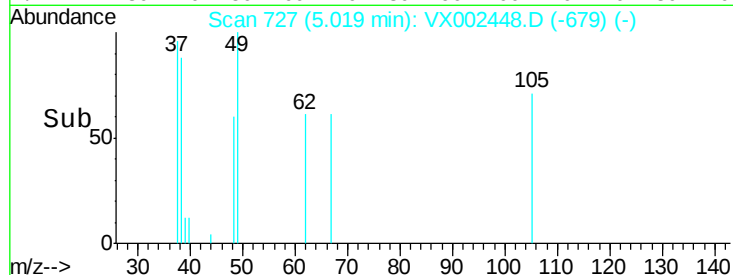
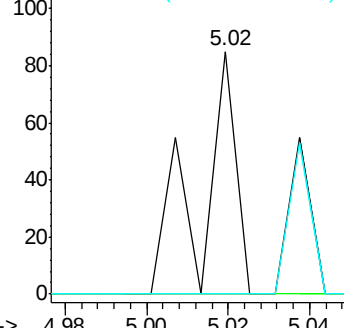
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 5.17 min Scan# 752

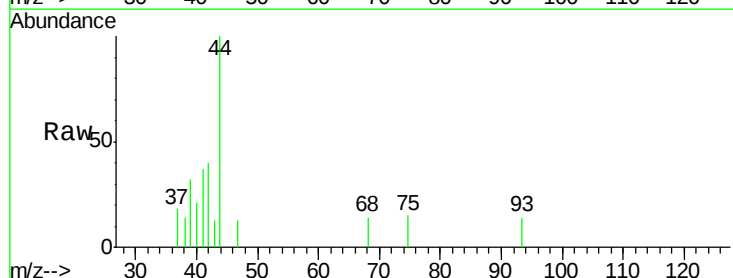
Delta R.T. 0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Tgt Ion: 42 Resp: 400

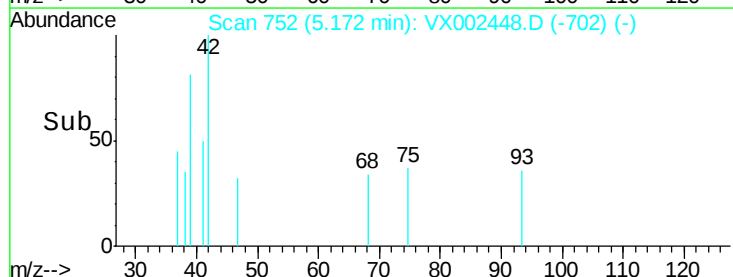
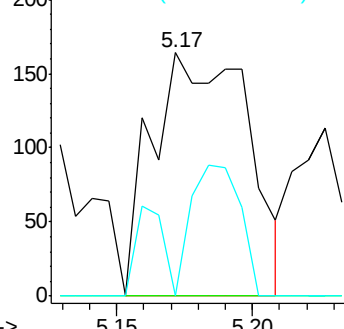
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	27.8	30.1	45.1#

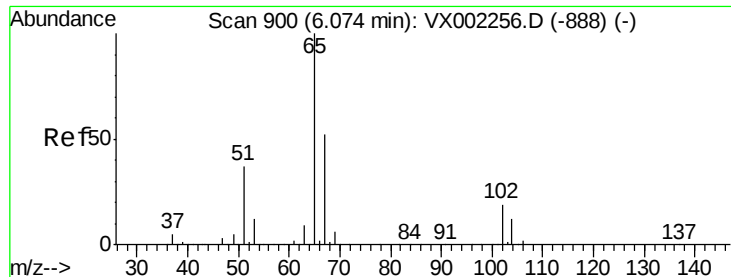


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

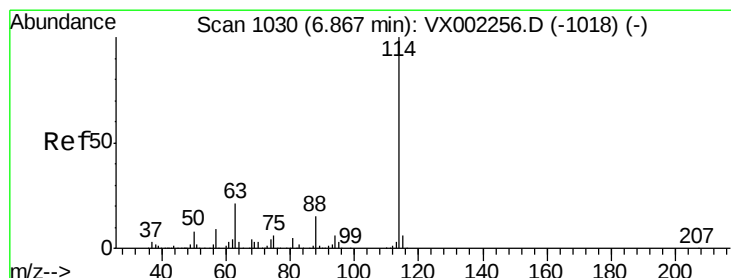
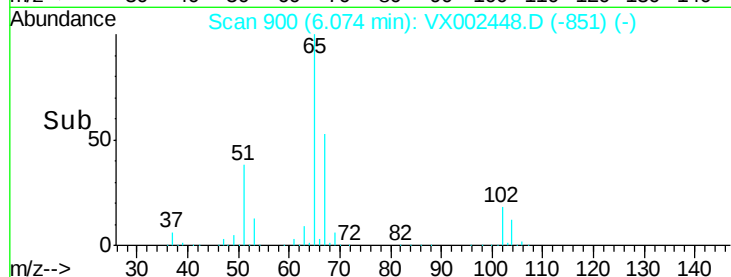
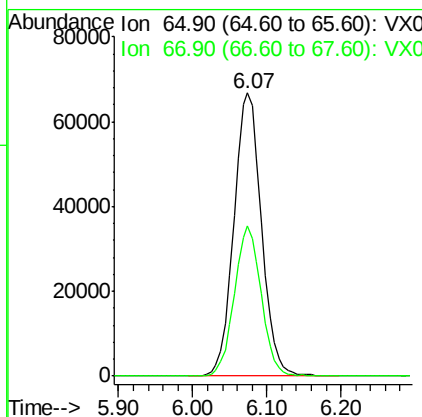
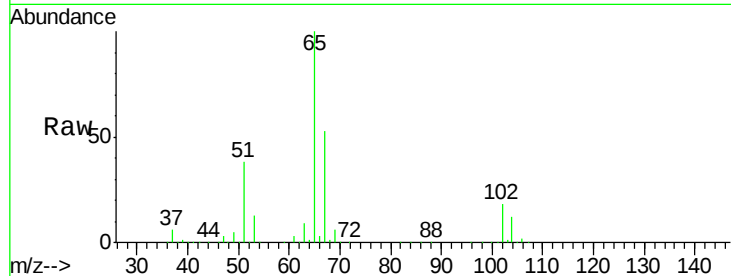




#33
 1,2-Dichloroethane-d4
 Concen: 53.73 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002448.D
 Acq: 11 Jun 2018 17:35

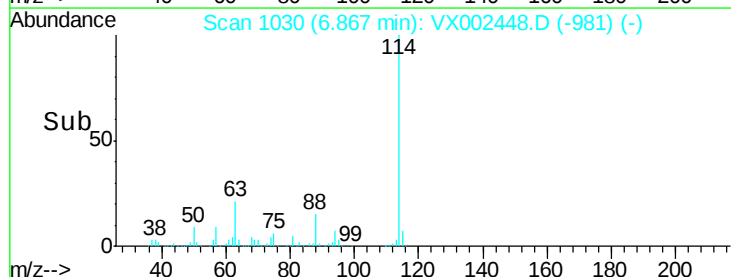
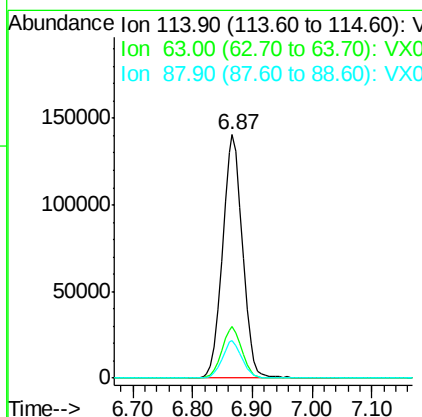
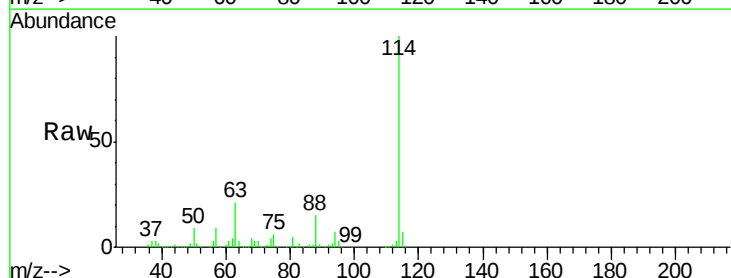
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW620-180606

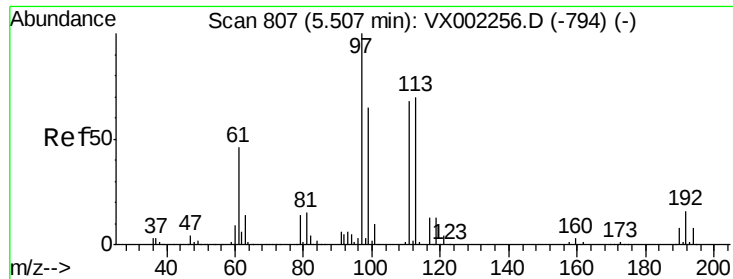
Tgt Ion: 65 Resp: 173500
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002448.D
 Acq: 11 Jun 2018 17:35

Tgt Ion: 114 Resp: 327978
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.4
 88 15.2 0.0 30.0

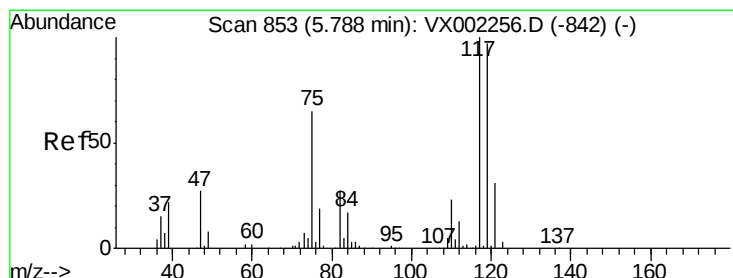
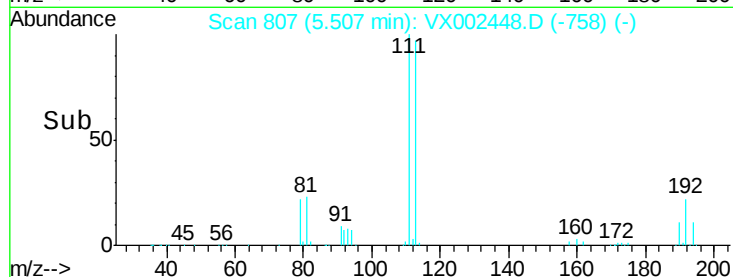
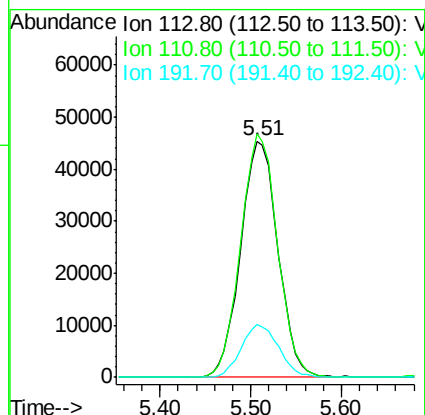
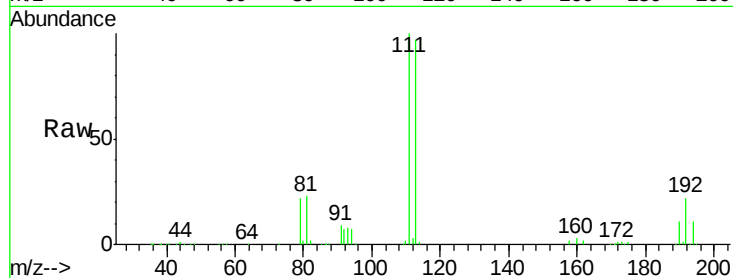




#35
Dibromofluoromethane
Concen: 50.13 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

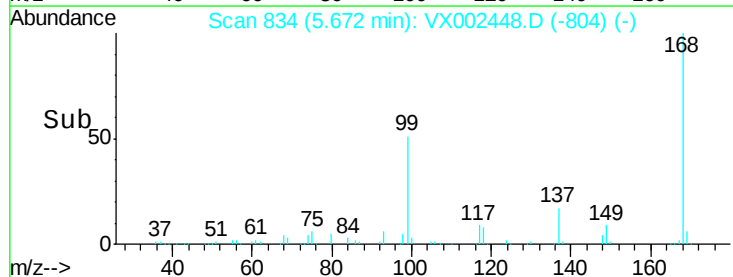
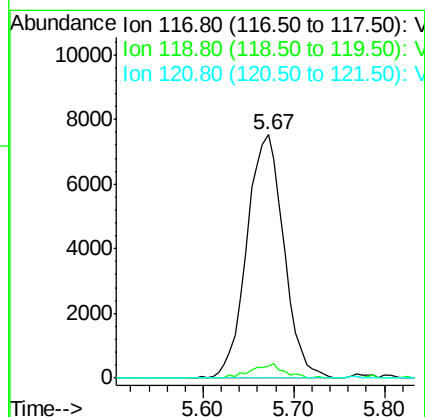
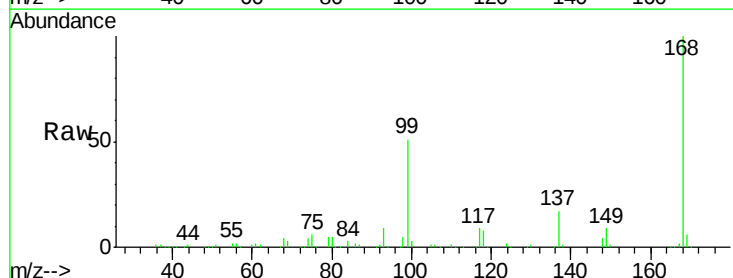
Instrument :
MSVOA_X
ClientSampleId :
SS050MW620-180606

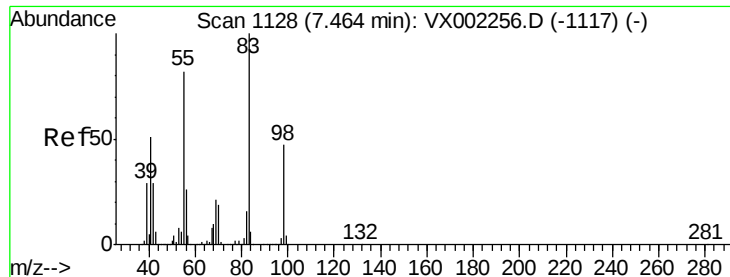
Tgt Ion:113 Resp: 129301
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 22.7 19.1 28.7



#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

Tgt Ion:117 Resp: 21217
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.4 36.6#

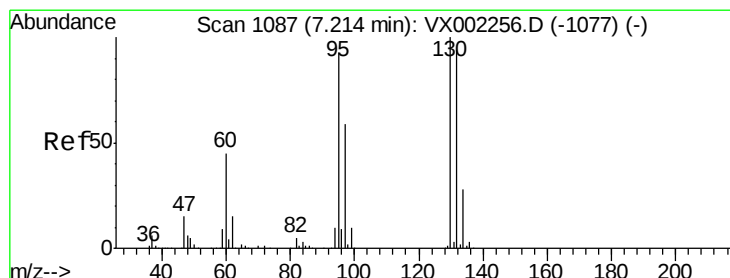
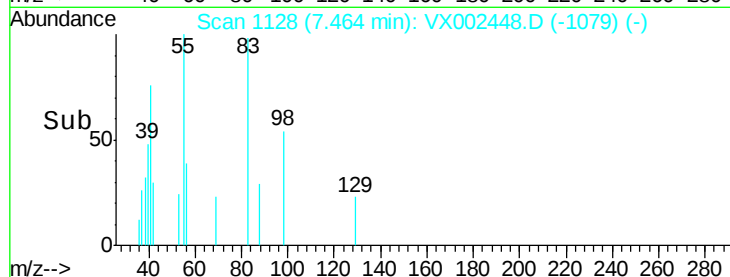
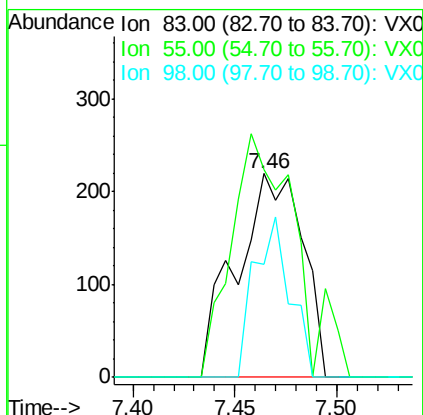
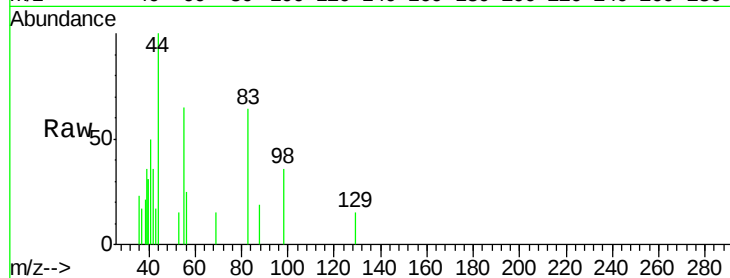




#39
Methylcyclohexane
Concen: 0.38 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

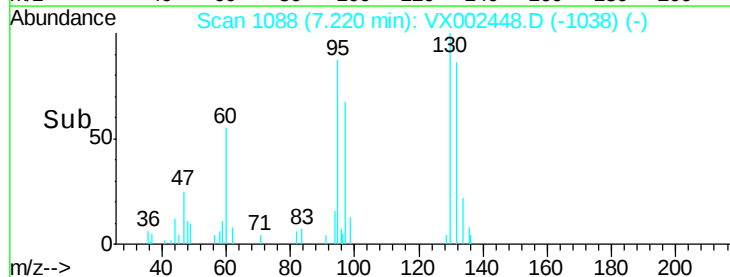
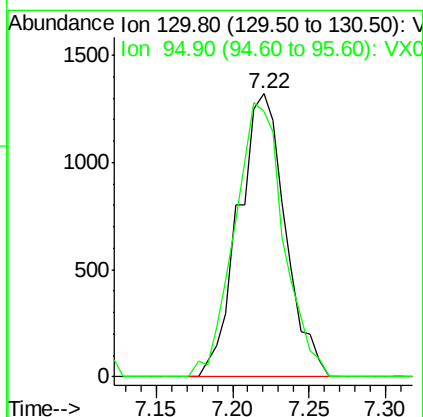
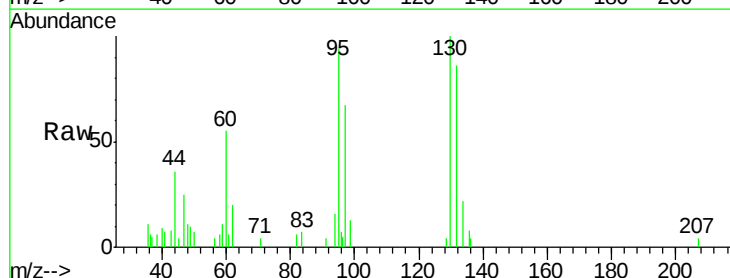
Instrument :
MSVOA_X
ClientSampleId :
SS050MW620-180606

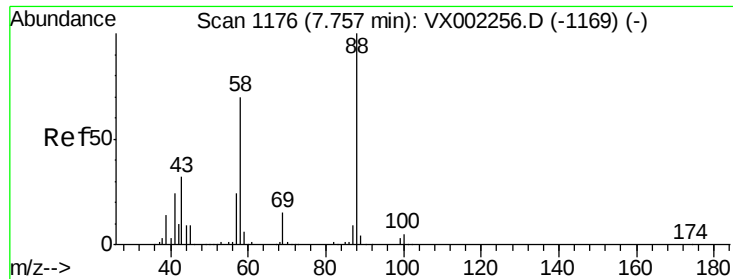
Tgt Ion: 83 Resp: 498
Ion Ratio Lower Upper
83 100
55 102.3 65.4 98.0#
98 55.7 37.4 56.0



#44
Trichloroethene
Concen: 0.96 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

Tgt Ion: 130 Resp: 2820
Ion Ratio Lower Upper
130 100
95 93.7 0.0 185.4

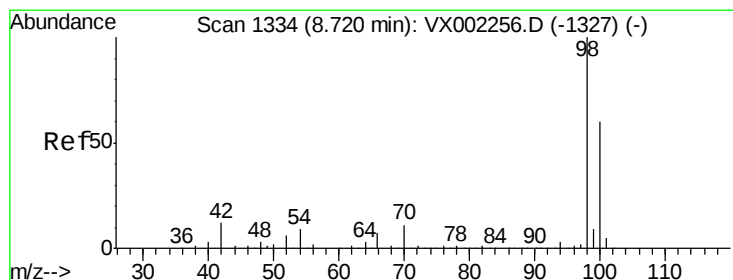
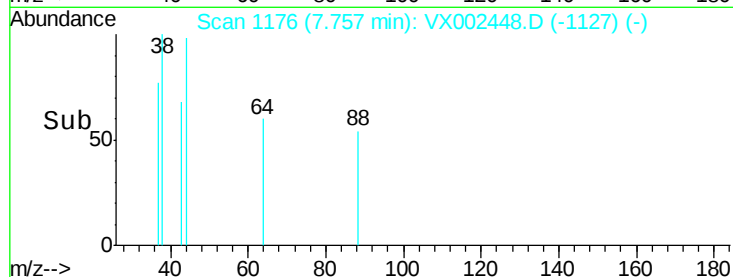
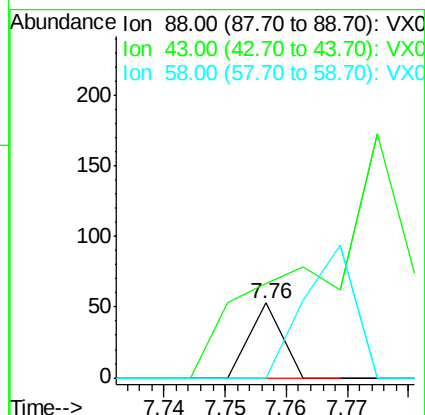
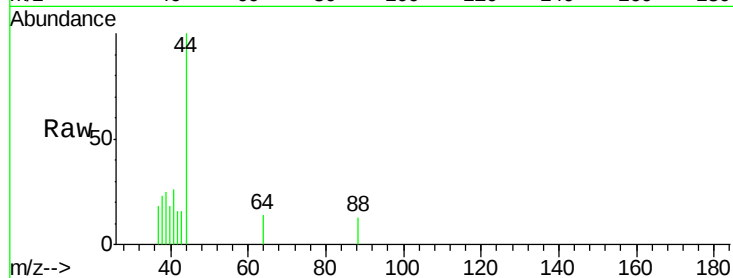




#49
1,4-Dioxane
Concen: 0.29 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

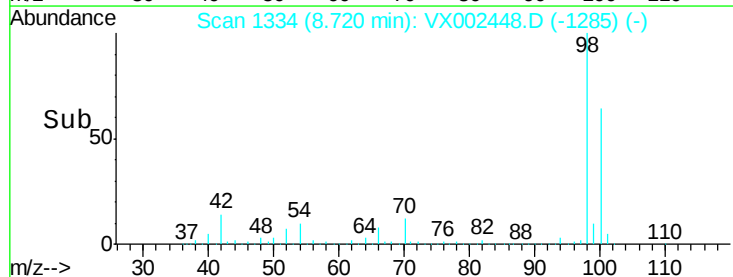
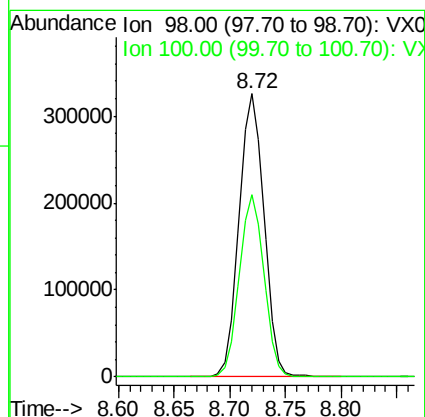
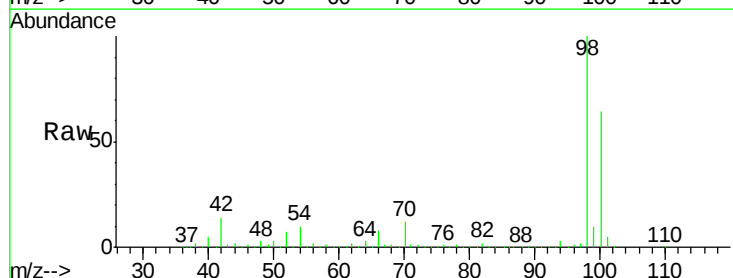
Instrument :
MSVOA_X
ClientSampleId :
SS050MW620-180606

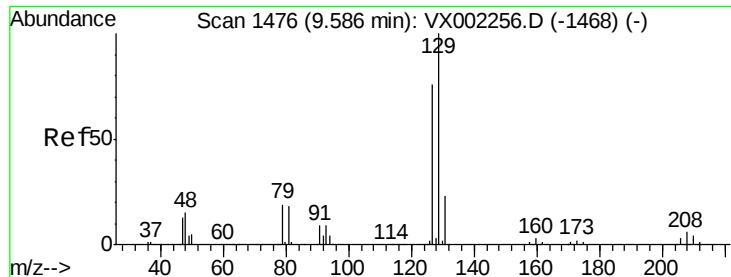
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 978.9 29.8 44.6#
58 289.5 57.1 85.7#



#50
Toluene-d8
Concen: 51.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

Tgt Ion: 98 Resp: 508163
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#60

Dibromochloromethane

Concen: 1.18 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.24 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

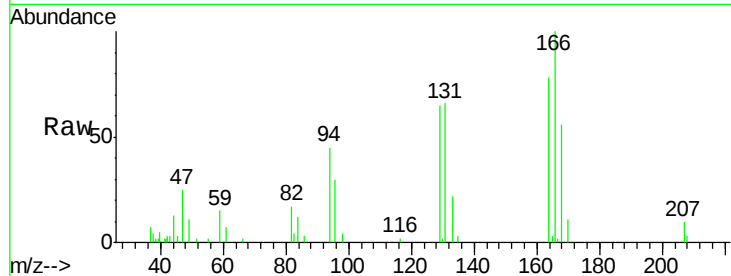
SS050MW620-180606

Tgt Ion:129 Resp: 3270

Ion Ratio Lower Upper

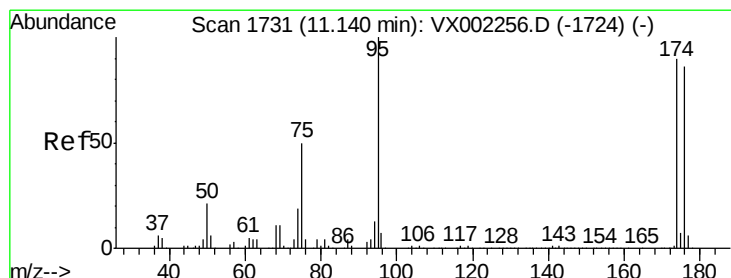
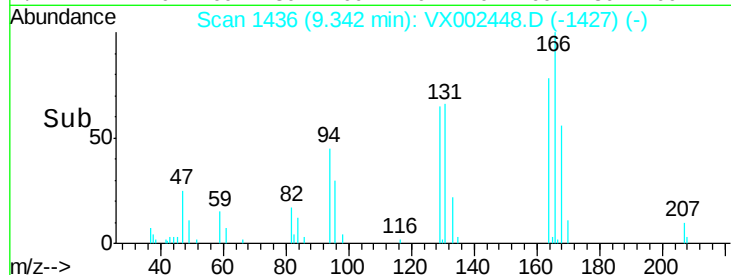
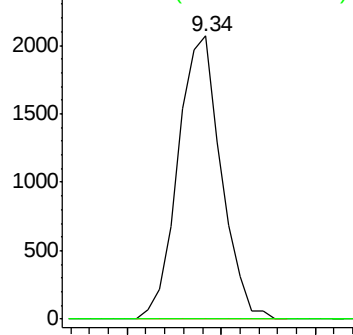
129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

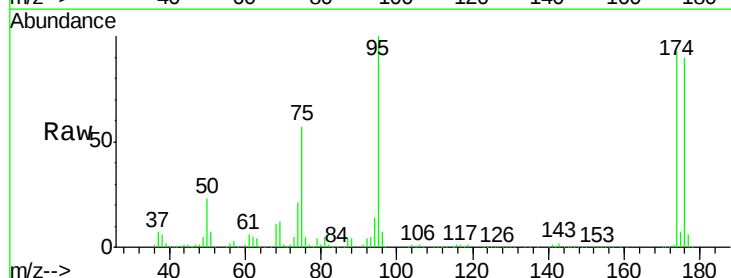
Tgt Ion: 95 Resp: 178854

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

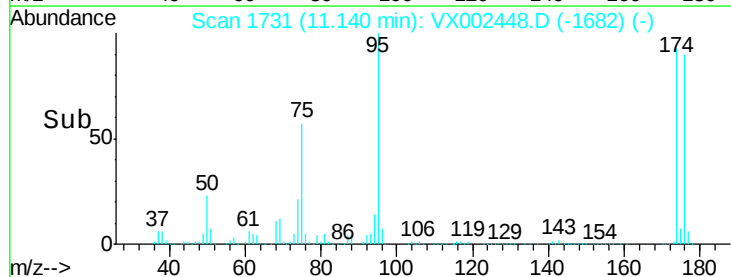
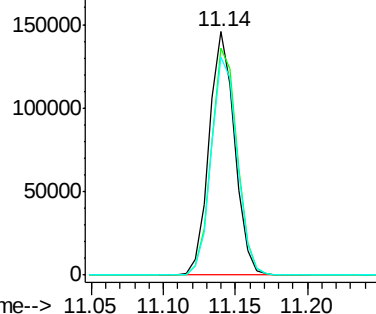
176 91.3 0.0 181.0

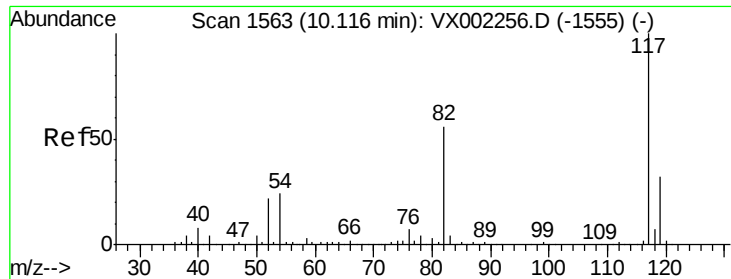


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

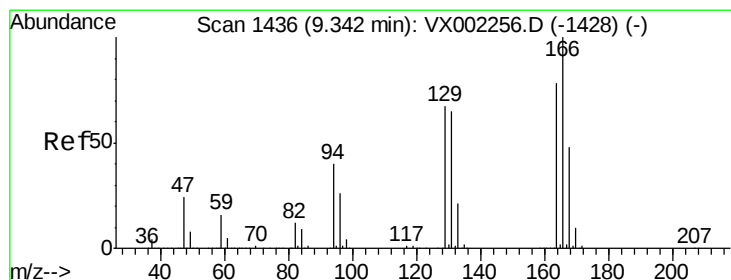
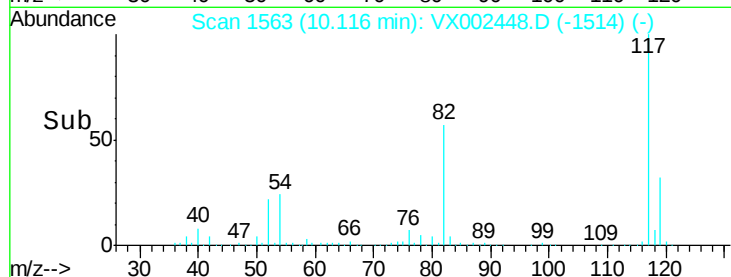
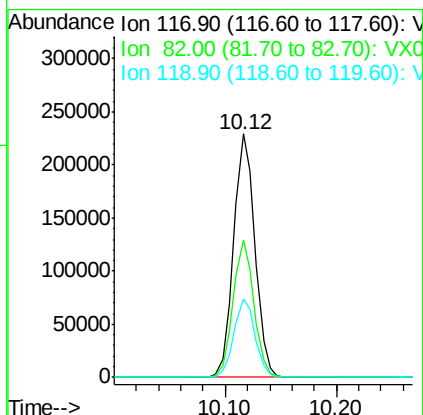
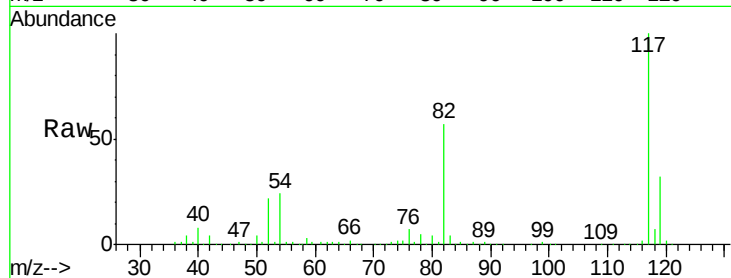




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

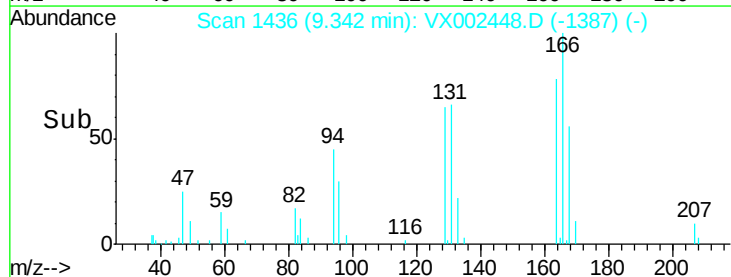
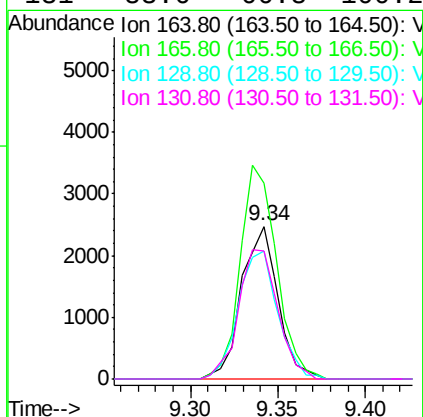
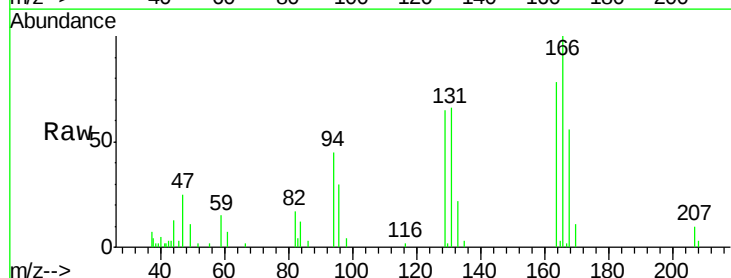
Instrument :
MSVOA_X
ClientSampleId :
SS050MW620-180606

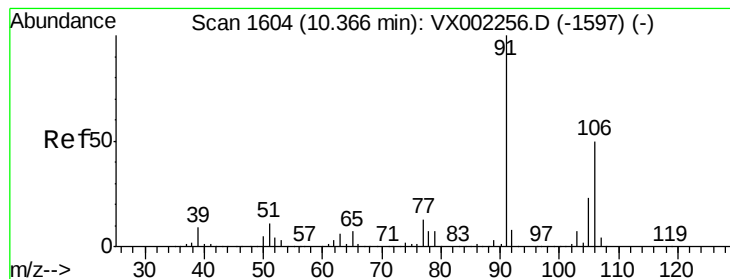
Tgt Ion:117 Resp: 303243
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 1.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002448.D
Acq: 11 Jun 2018 17:35

Tgt Ion:164 Resp: 3593
Ion Ratio Lower Upper
164 100
166 127.7 102.9 154.3
129 83.4 68.6 102.8
131 83.6 66.8 100.2





#68

m/p-Xylenes

Concen: 0.21 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

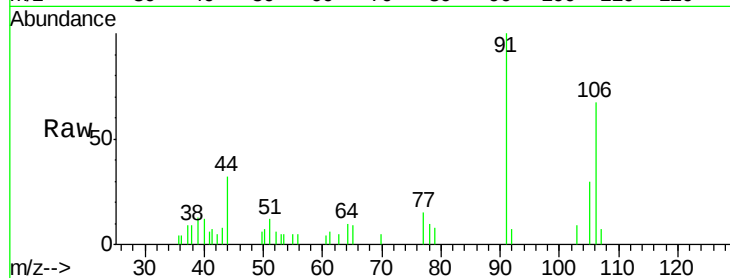
SS050MW620-180606

Tgt Ion:106 Resp: 1040

Ion Ratio Lower Upper

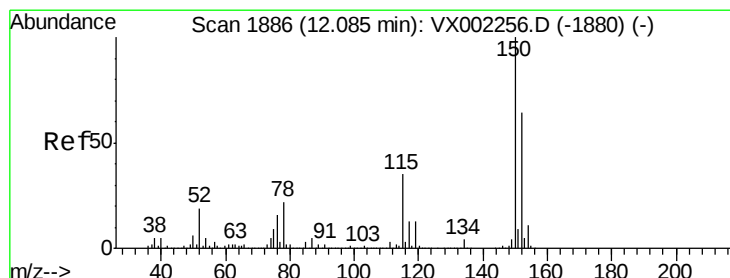
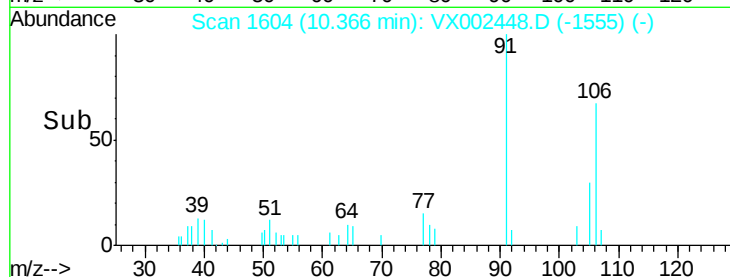
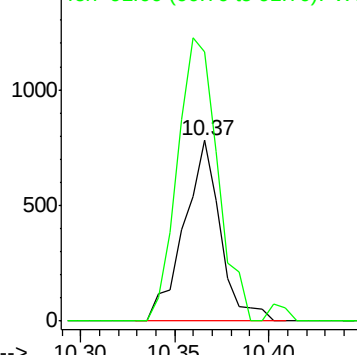
106 100

91 173.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

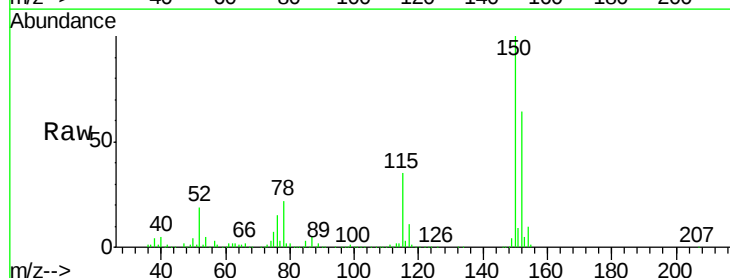
Tgt Ion:152 Resp: 172237

Ion Ratio Lower Upper

152 100

115 55.8 40.1 120.2

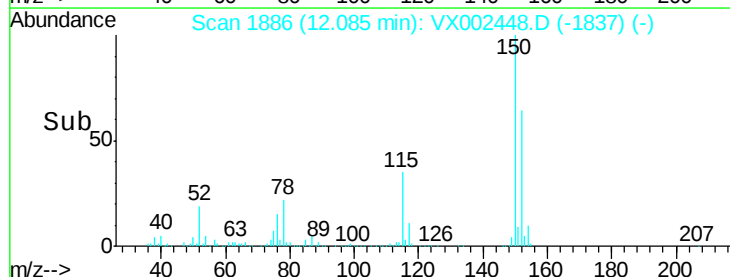
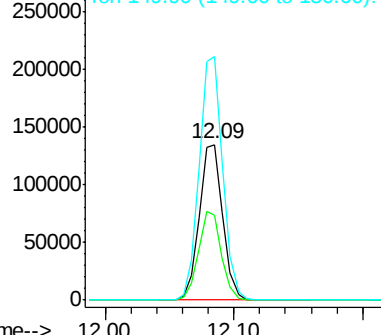
150 156.9 0.0 347.2

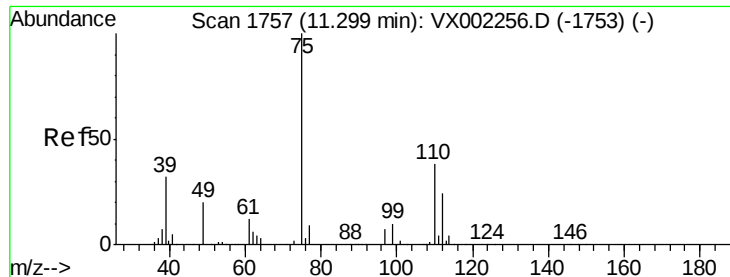


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

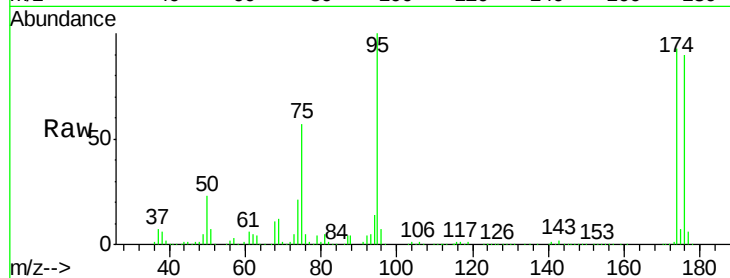
SS050MW620-180606

Tgt Ion: 75 Resp: 98149

Ion Ratio Lower Upper

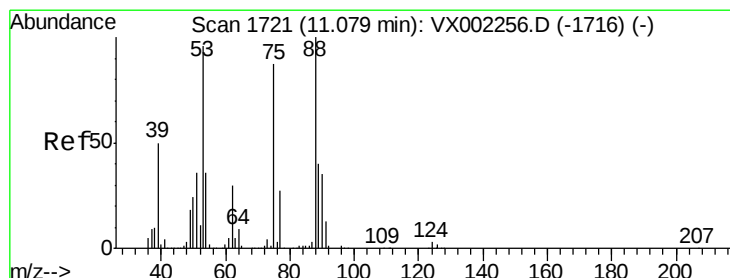
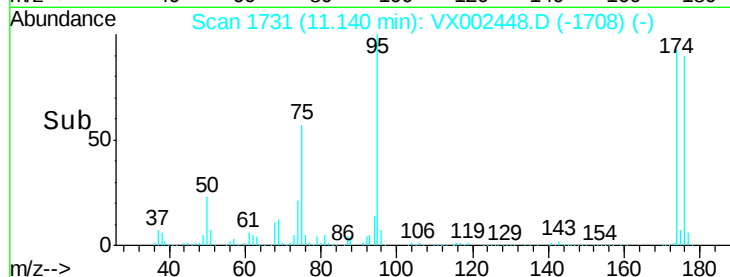
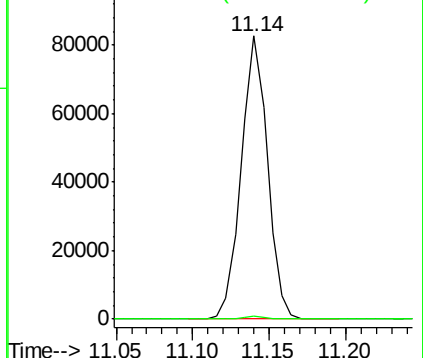
75 100

77 1.1 22.8 68.3#



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: 91.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

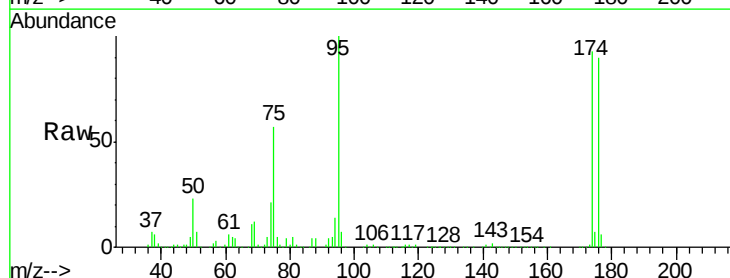
Tgt Ion: 75 Resp: 98149

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

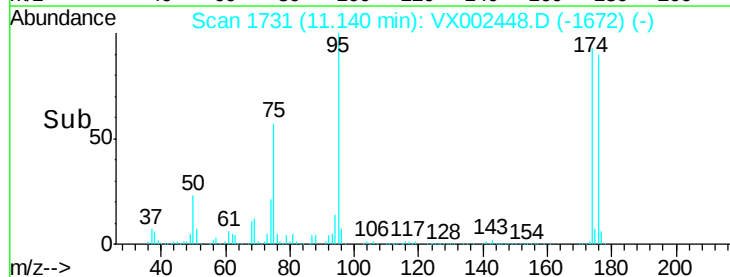
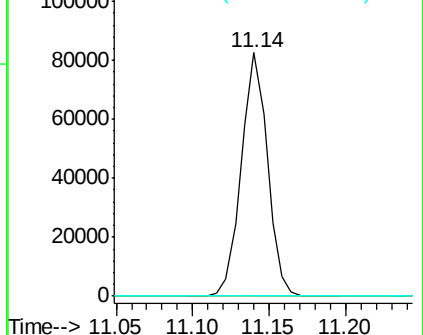
89 0.0 38.2 57.2#

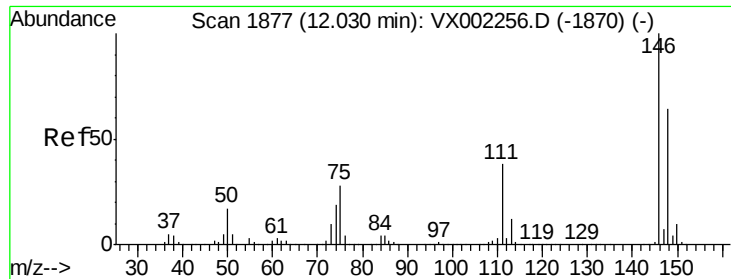


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

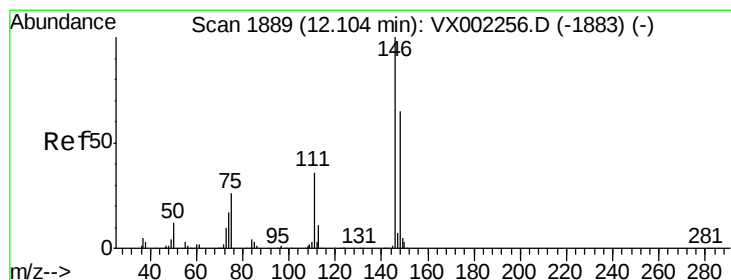
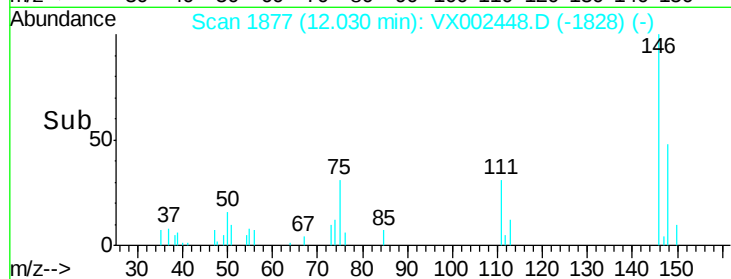
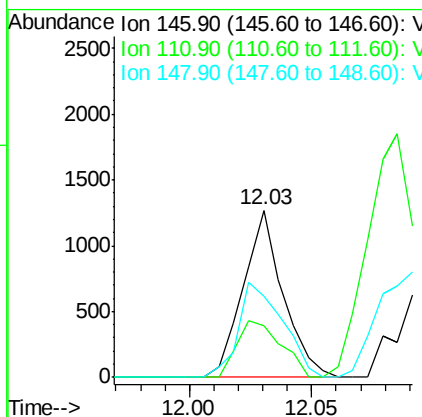
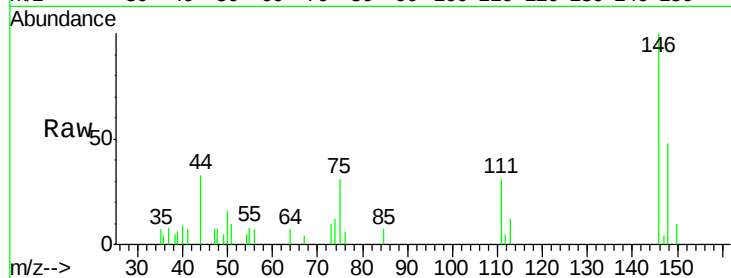




#87
 1,3-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002448.D
 Acq: 11 Jun 2018 17:35

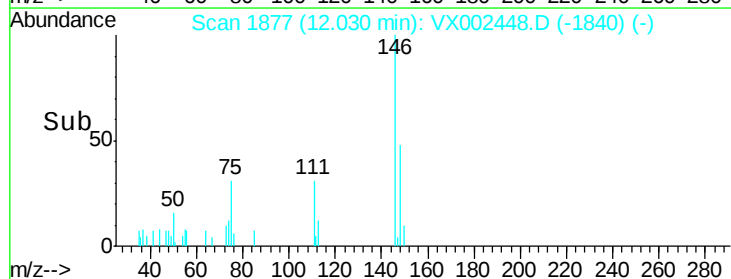
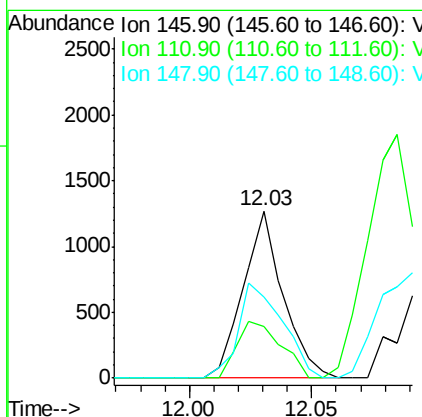
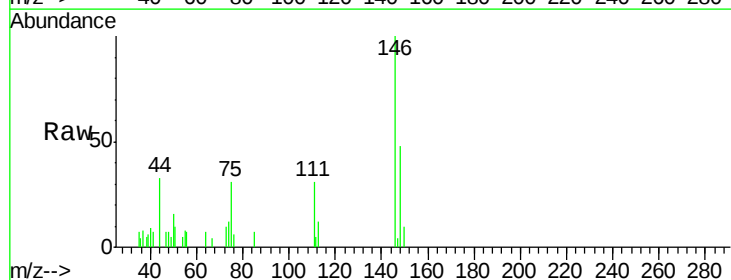
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW620-180606

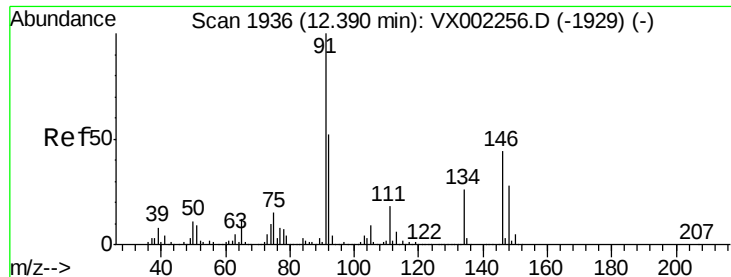
Tgt Ion:146 Resp: 1440
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 62.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX002448.D
 Acq: 11 Jun 2018 17:35

Tgt Ion:146 Resp: 1440
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 62.6 32.4 97.0





#89

n-Butylbenzene

Concen: 0.21 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS050MW620-180606

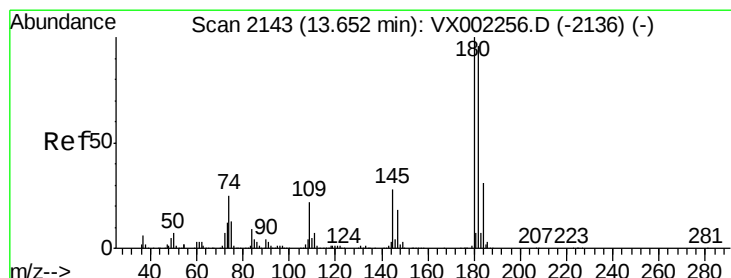
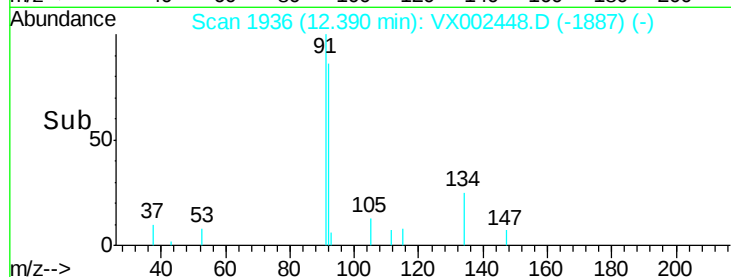
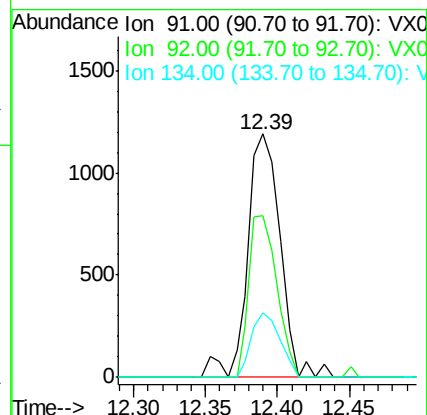
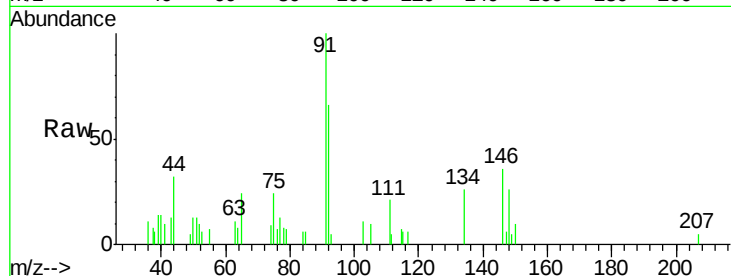
Tgt Ion: 91 Resp: 1861

Ion Ratio Lower Upper

91 100

92 56.9 26.0 78.0

134 23.1 13.5 40.5



#93

1,2,4-Trichlorobenzene

Concen: 0.29 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX002448.D

Acq: 11 Jun 2018 17:35

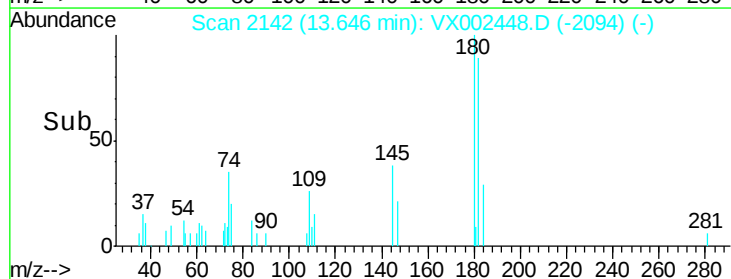
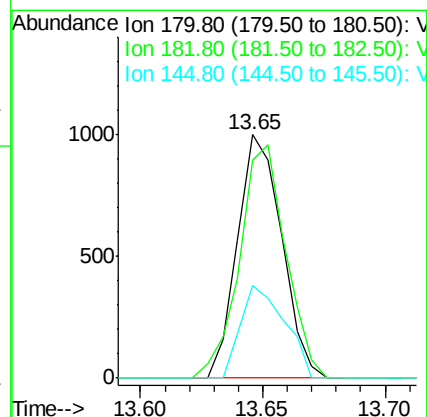
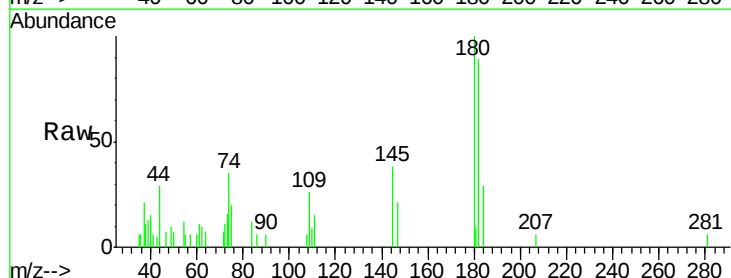
Tgt Ion: 180 Resp: 1260

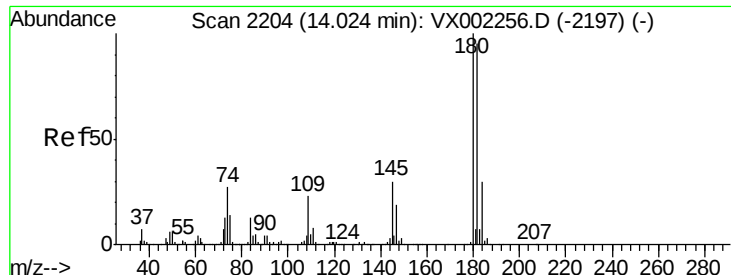
Ion Ratio Lower Upper

180 100

182 100.2 47.7 143.1

145 37.9 14.1 42.4

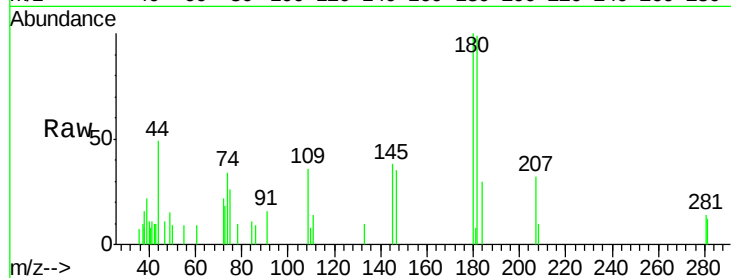




#96
 1,2,3-Trichlorobenzene
 Concen: 0.23 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002448.D
 Acq: 11 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW620-180606

Tgt Ion:180 Resp: 1019
 Ion Ratio Lower Upper
 180 100
 182 85.8 48.0 144.0
 145 32.2 14.8 44.3



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

