

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002284.D
 Acq On : 05 Jun 2018 02:45
 Operator : JC/MD
 Sample : J3269-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-180530

Quant Time: Jun 05 07:22:01 2018
 Quant Method : Y:\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	242505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169535	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
35) Dibromofluoromethane	5.51	113	124086	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
50) Toluene-d8	8.72	98	502675	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	163874	39.90	ug/l	0.00
Spiked Amount			Recovery	=	79.80%	

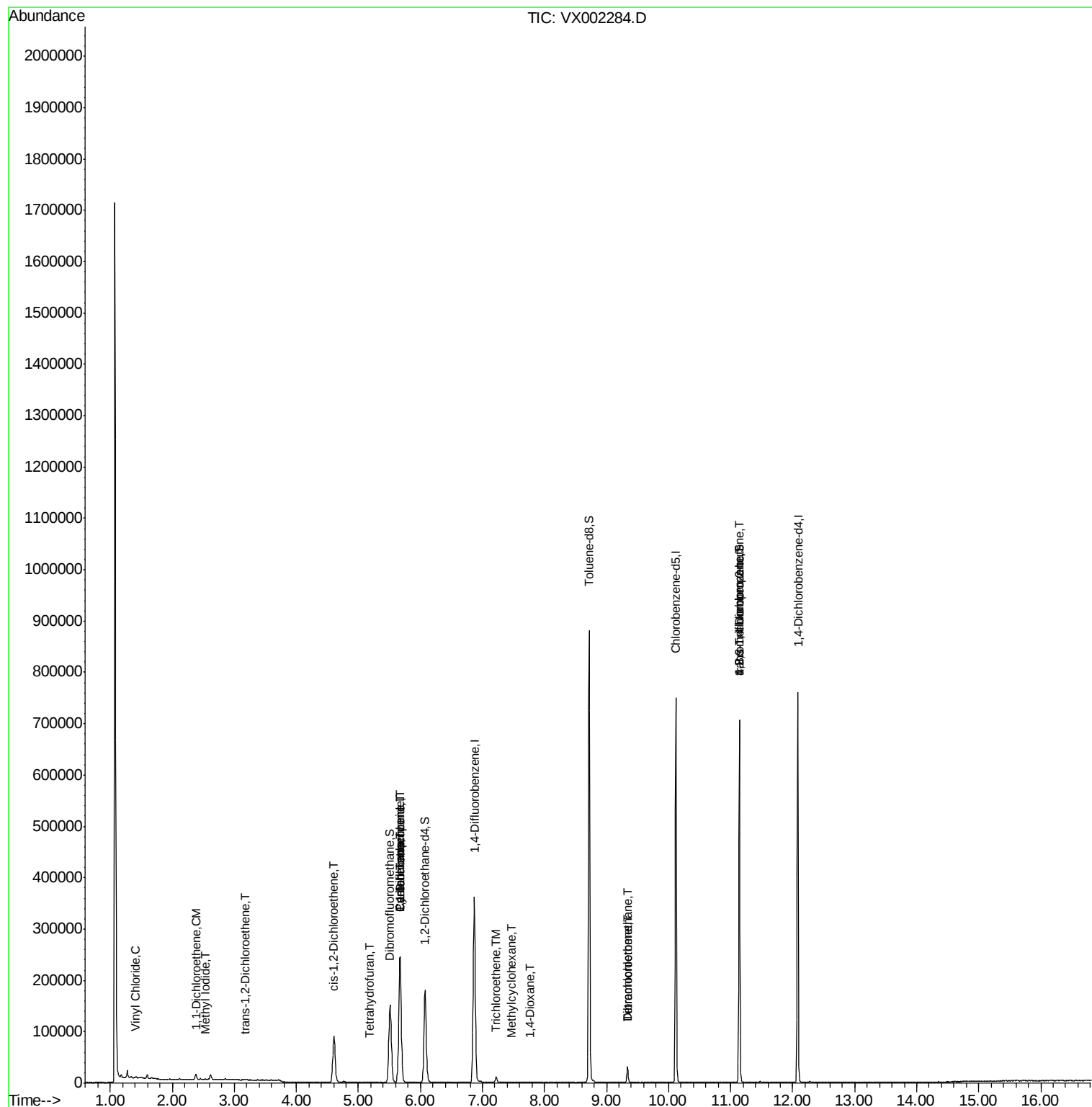
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1073	Below Cal		91
4) Vinyl Chloride	1.41	62	1252	0.39 ug/l	#	9
5) Bromomethane	1.66	94	1818	Below Cal		95
8) Diethyl Ether	2.18	74	73	Below Cal		97
10) Methyl Iodide	2.53	142	1189	0.32 ug/l		97
11) Tert butyl alcohol	3.03	59	687	Below Cal	#	73
12) 1,1-Dichloroethene	2.38	96	3118	1.21 ug/l		86
13) Acrolein	2.30	56	136	Below Cal	#	14
15) Acrylonitrile	3.17	53	87	Below Cal	#	1
16) Acetone	2.45	43	2332	Below Cal		91
18) Methyl Acetate	2.78	43	238	Below Cal	#	55
19) Methyl tert-butyl Ether	3.21	73	297	Below Cal	#	54
20) Methylene Chloride	2.87	84	561	Below Cal	#	77
21) trans-1,2-Dichloroethene	3.18	96	787	0.28 ug/l		84
22) Diisopropyl ether	3.87	45	102	Below Cal	#	35
27) cis-1,2-Dichloroethene	4.60	96	54544	17.62 ug/l		86
28) Bromochloromethane	5.01	49	59	Below Cal	#	13
29) Tetrahydrofuran	5.17	42	492	0.32 ug/l	#	49
31) Cyclohexane	5.67	56	5410	1.24 ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17465	4.70 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	21961	5.65 ug/l	#	15
39) Methylcyclohexane	7.47	83	59	0.28 ug/l	#	69
44) Trichloroethene	7.22	130	3724	1.18 ug/l		88
49) 1,4-Dioxane	7.76	88	27	0.38 ug/l	#	1
60) Dibromochloromethane	9.34	129	5717	1.91 ug/l	#	11
64) Tetrachloroethene	9.34	164	6283	1.94 ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	87488	25.01 ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	87488	87.66 ug/l	#	7

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

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Quant Method : Y:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

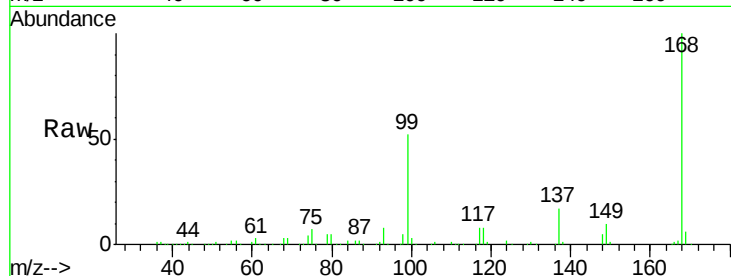
SS052MW766-180530

Tot Ion:168 Resp: 242505

Ion Ratio Lower Upper

168 100

99 51.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

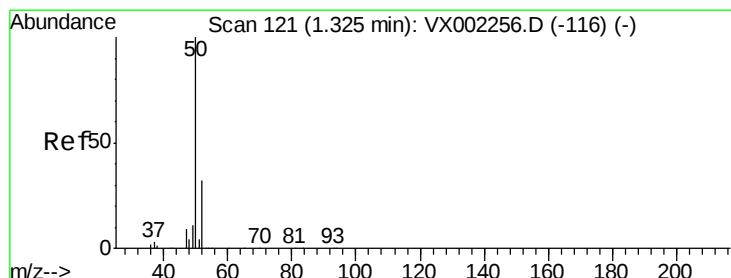
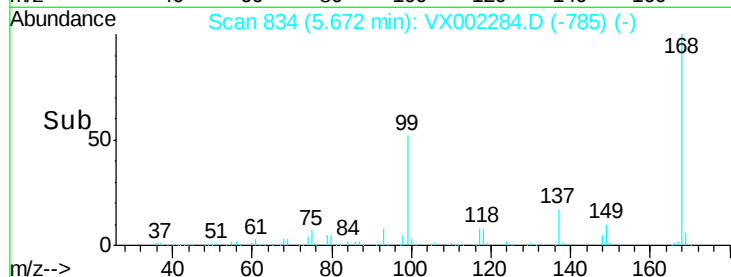
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002284.D

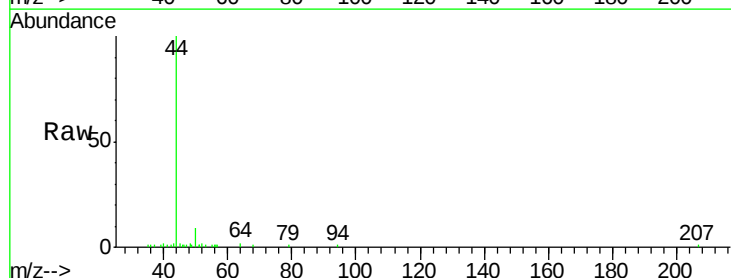
Acq: 05 Jun 2018 02:45

Tgt Ion: 50 Resp: 1073

Ion Ratio Lower Upper

50 100

52 27.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

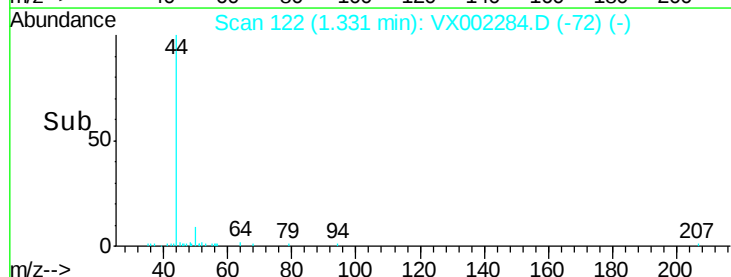
600

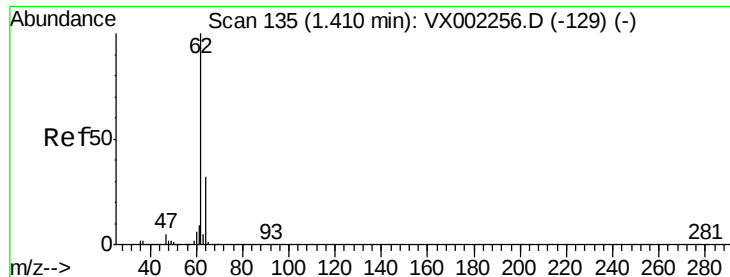
400

200

0

Time--> 1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 0.39 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

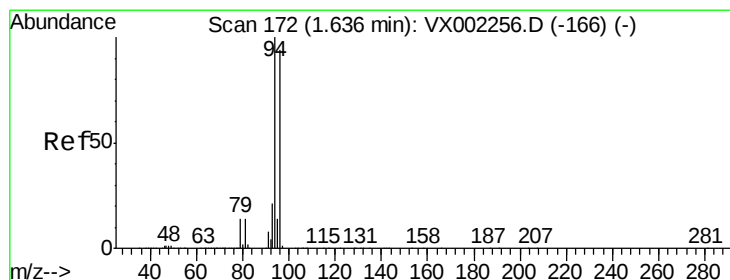
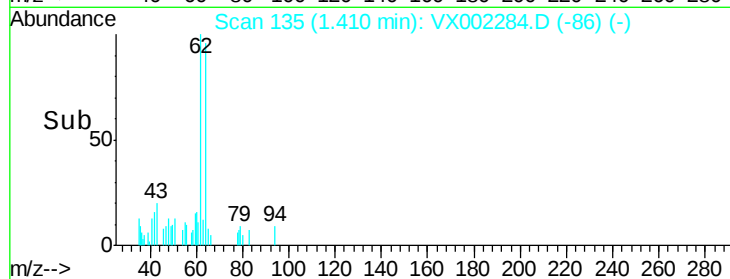
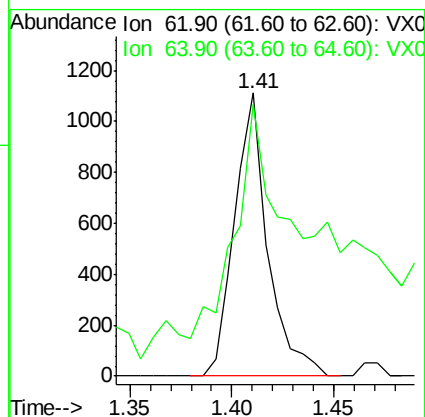
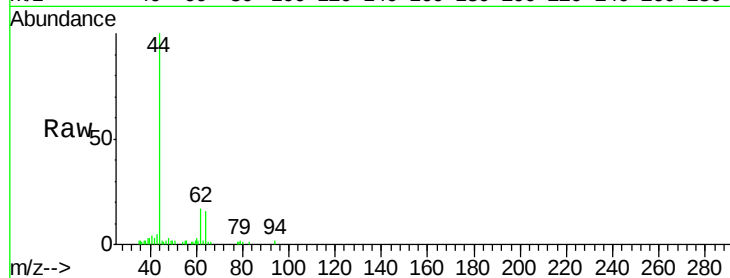
SS052MW766-180530

Tot Ion: 62 Resp: 1252

Ion Ratio Lower Upper

62 100

64 82.5 25.4 38.2#



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX002284.D

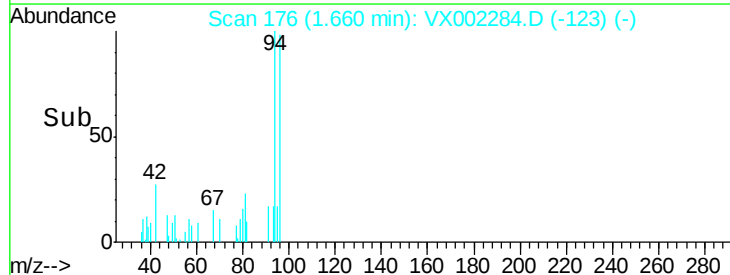
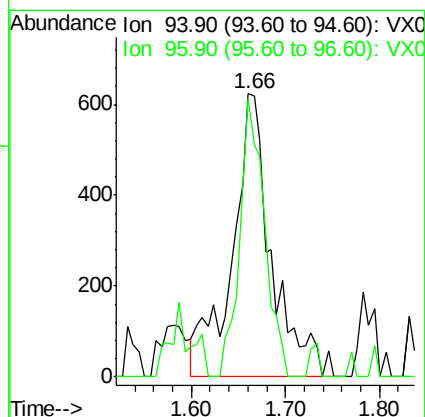
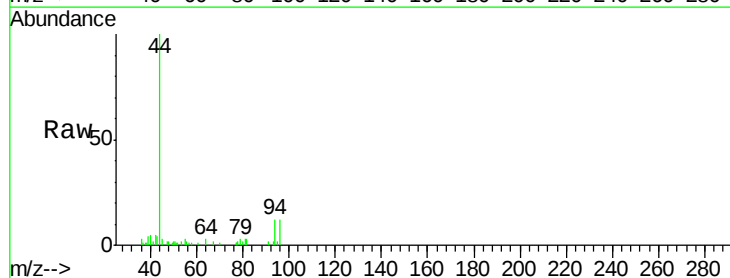
Acq: 05 Jun 2018 02:45

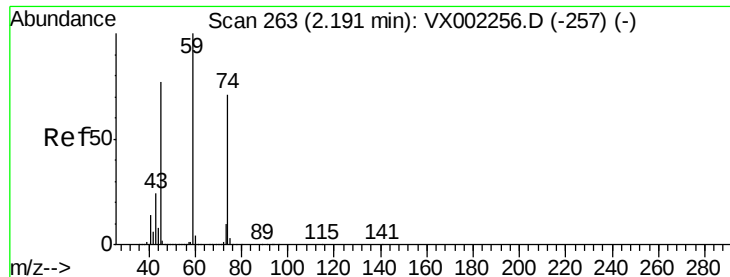
Tgt Ion: 94 Resp: 1818

Ion Ratio Lower Upper

94 100

96 98.4 74.9 112.3





#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

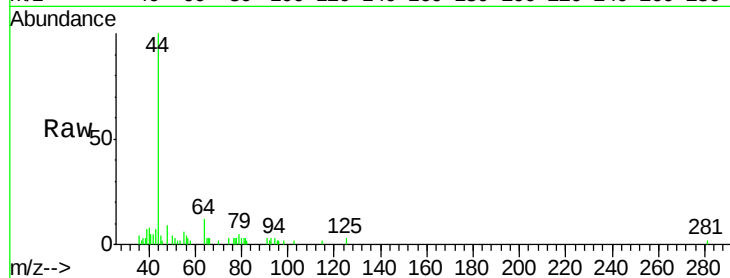
SS052MW766-180530

Tot Ion: 74 Resp: 73

Ion Ratio Lower Upper

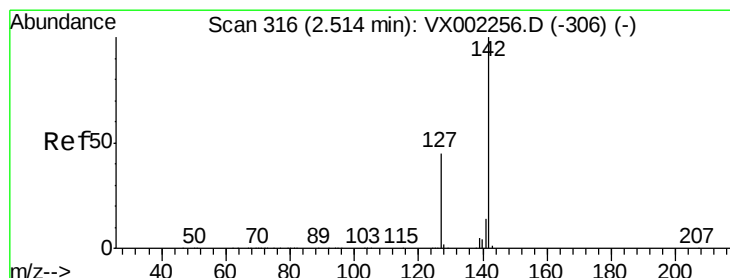
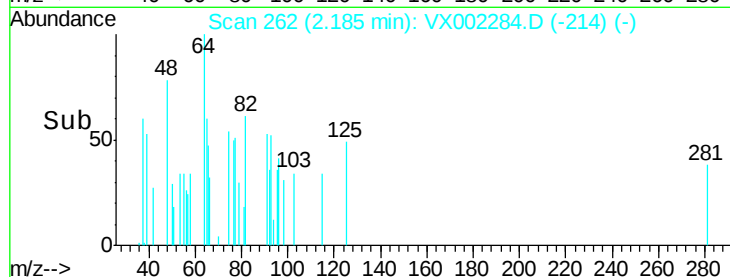
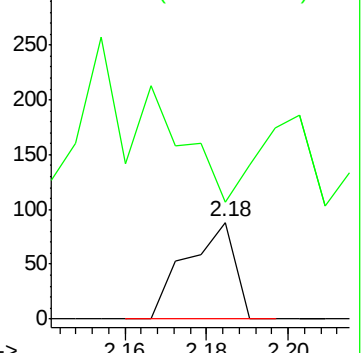
74 100

45 102.7 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.32 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

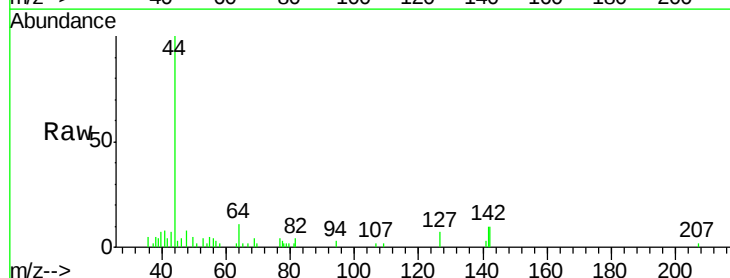
Tgt Ion: 142 Resp: 1189

Ion Ratio Lower Upper

142 100

127 48.0 36.6 55.0

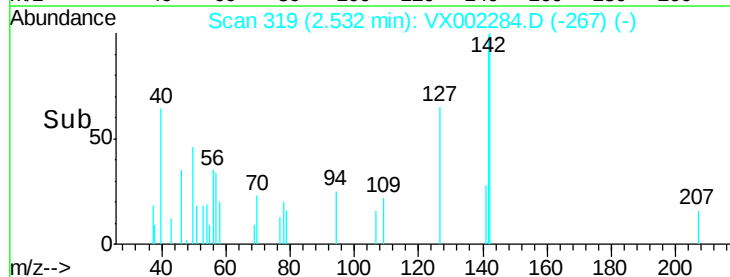
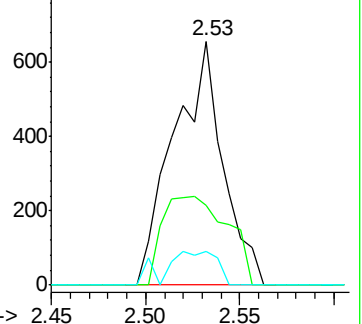
141 14.6 11.3 16.9

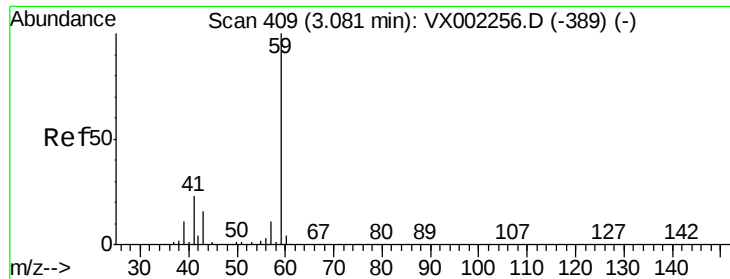


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



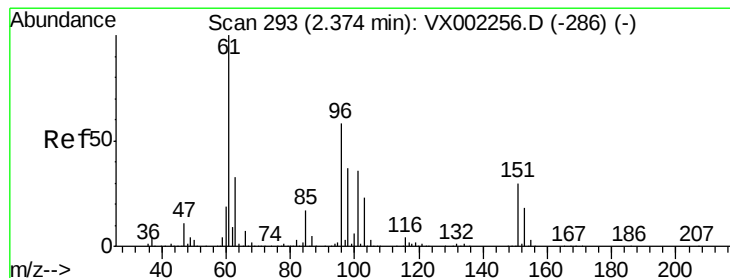
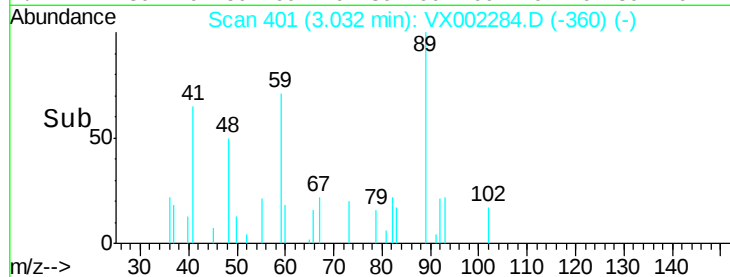
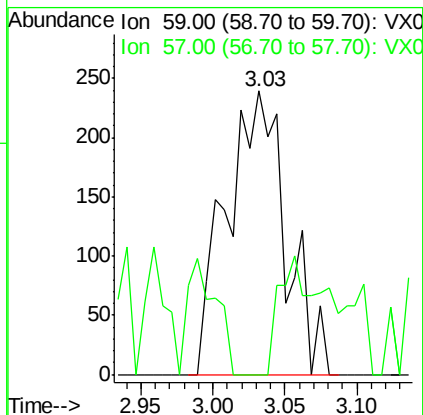
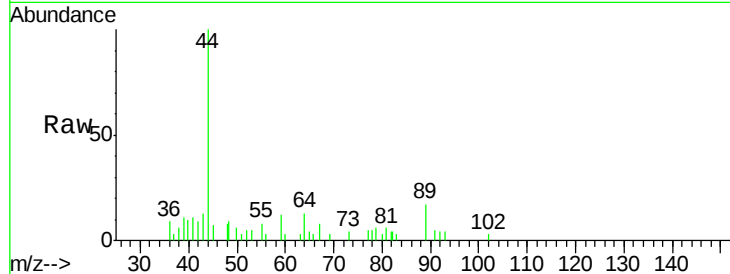


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX002284.D
Acq: 05 Jun 2018 02:45

Instrument :
MSVOA_X
ClientSampleId :
SS052MW766-180530

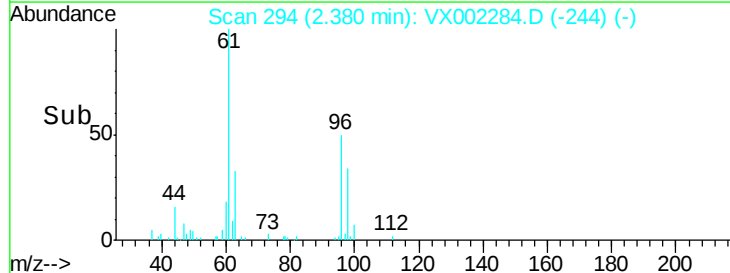
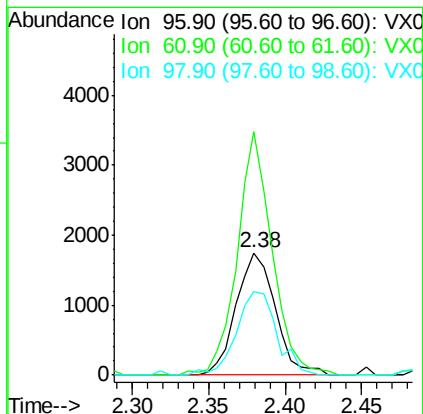
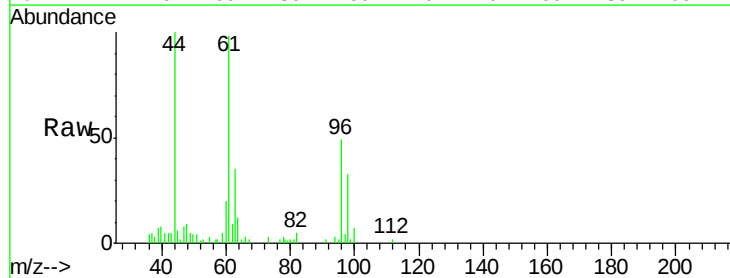
Tot Ion: 59 Resp: 687
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

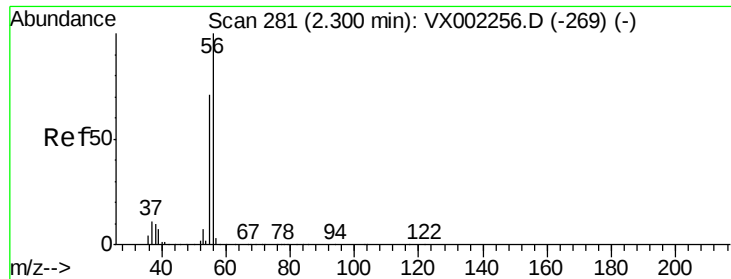


#12

1,1-Dichloroethene
Concen: 1.21 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002284.D
Acq: 05 Jun 2018 02:45

Tgt Ion: 96 Resp: 3118
Ion Ratio Lower Upper
96 100
61 196.2 137.9 206.9
98 68.2 51.6 77.4





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

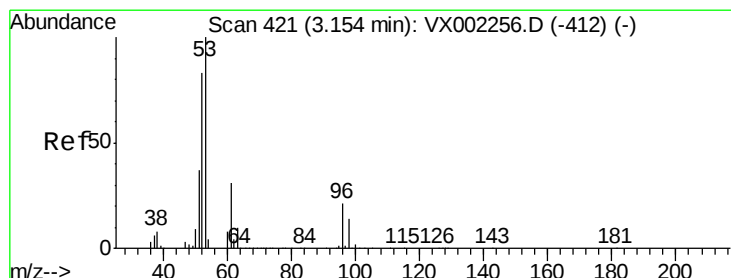
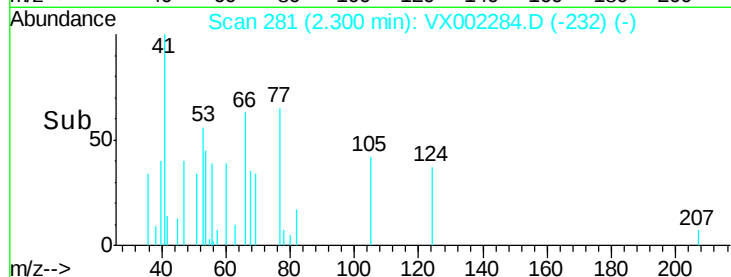
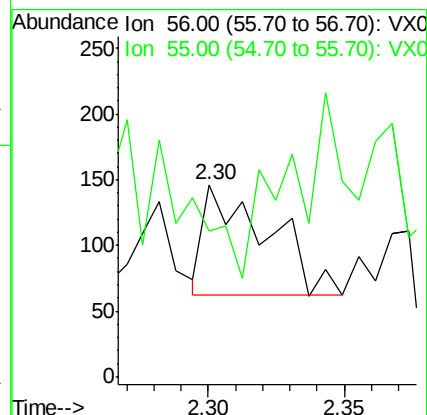
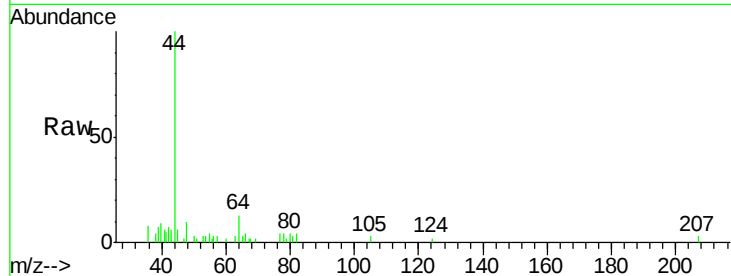
SS052MW766-180530

Tot Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

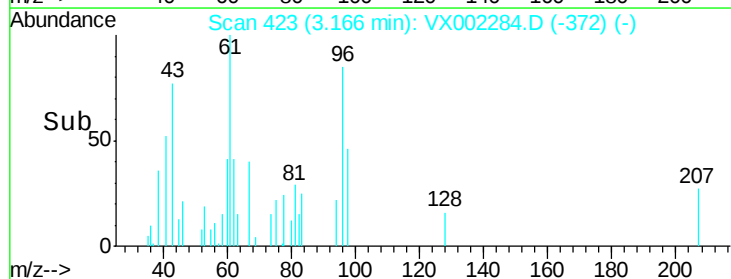
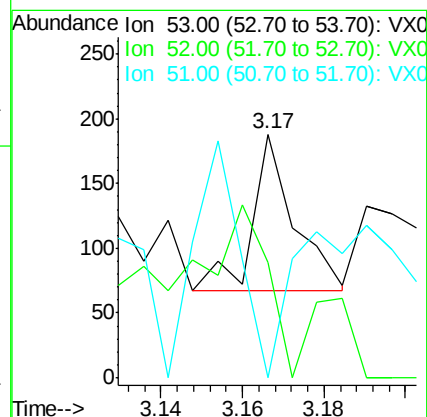
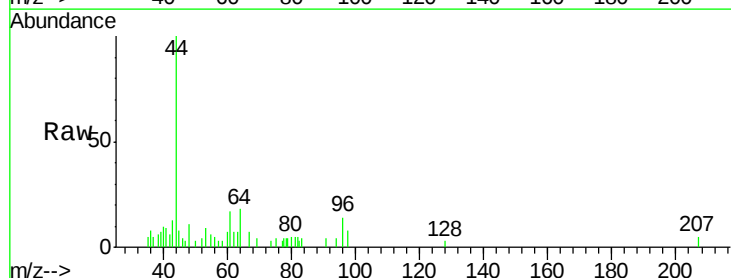
Tgt Ion: 53 Resp: 87

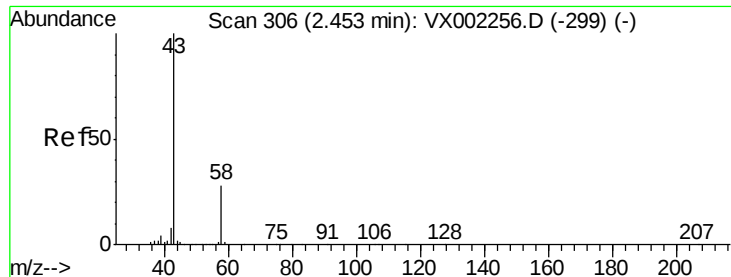
Ion Ratio Lower Upper

53 100

52 164.4 66.7 100.1#

51 159.8 29.9 44.9#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

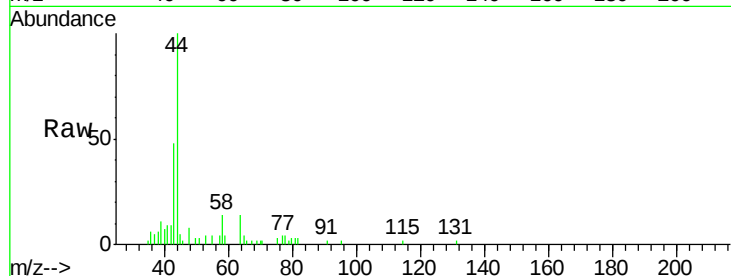
SS052MW766-180530

Tot Ion: 43 Resp: 2332

Ion Ratio Lower Upper

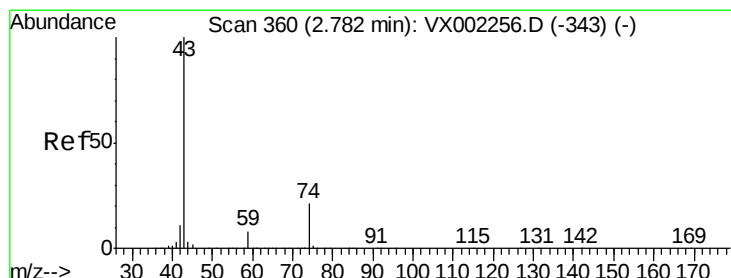
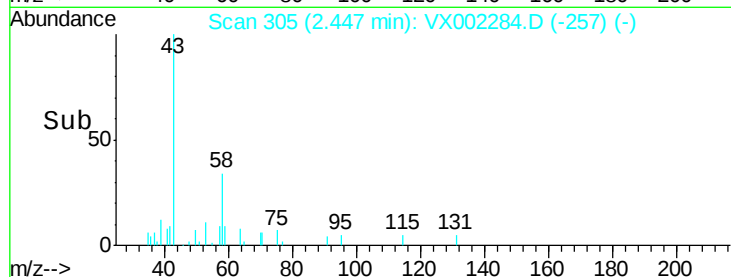
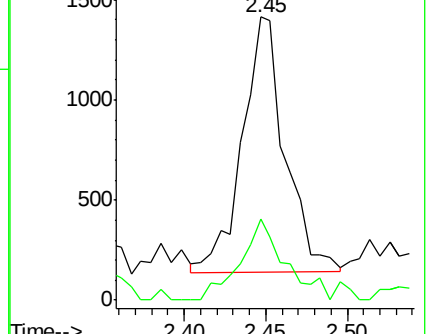
43 100

58 32.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002284.D

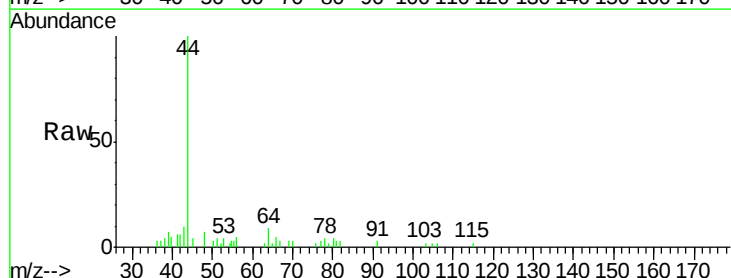
Acq: 05 Jun 2018 02:45

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

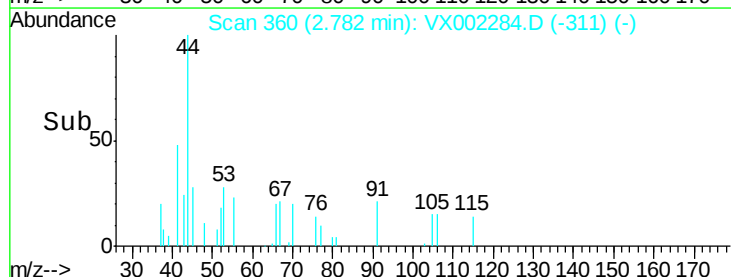
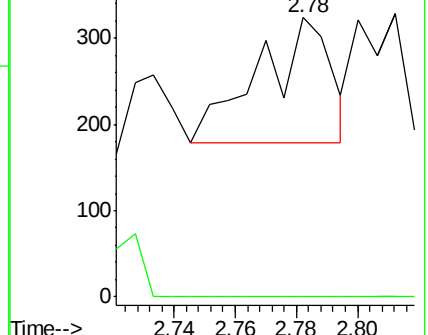
43 100

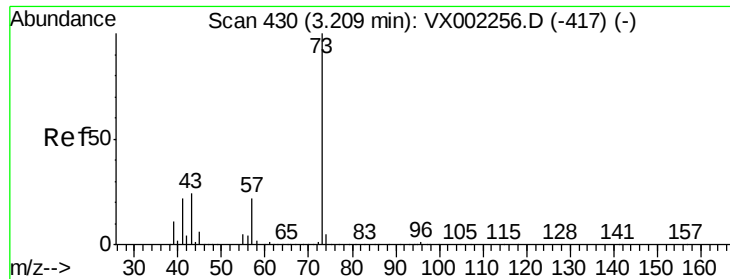
74 0.0 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

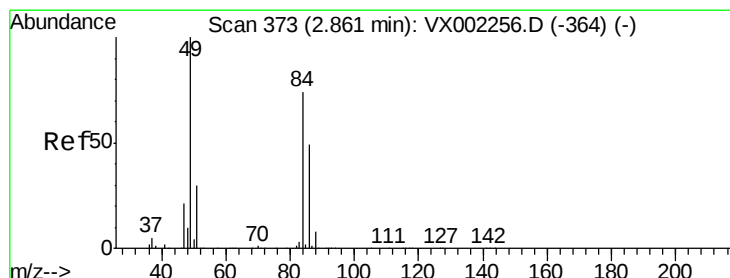
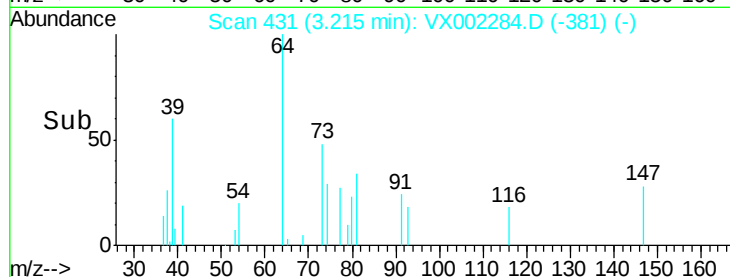
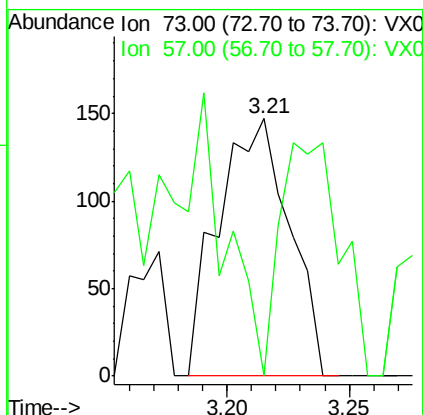
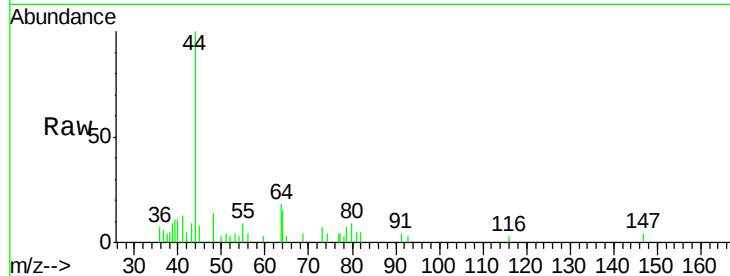




#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002284.D
Acq: 05 Jun 2018 02:45

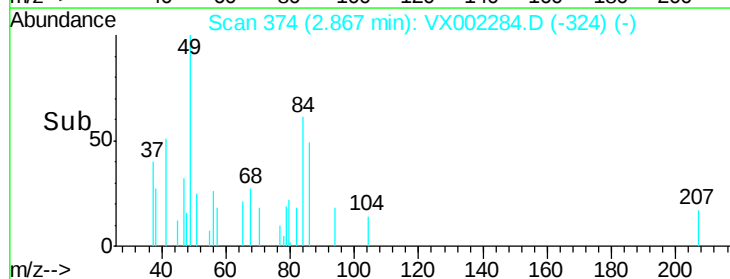
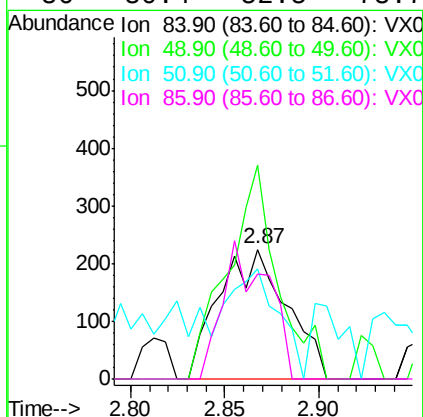
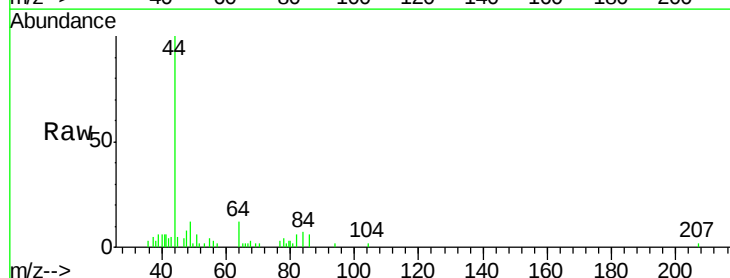
Instrument :
MSVOA_X
ClientSampleId :
SS052MW766-180530

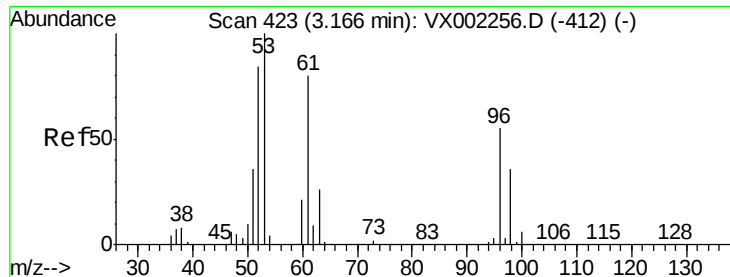
Tot Ion: 73 Resp: 297
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002284.D
Acq: 05 Jun 2018 02:45

Tgt Ion: 84 Resp: 561
Ion Ratio Lower Upper
84 100
49 164.4 107.8 161.6#
51 53.8 32.8 49.2#
86 80.4 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 0.28 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

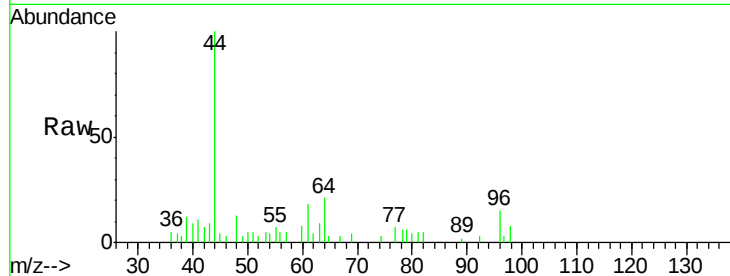
Tot Ion: 96 Resp: 787

Ion Ratio Lower Upper

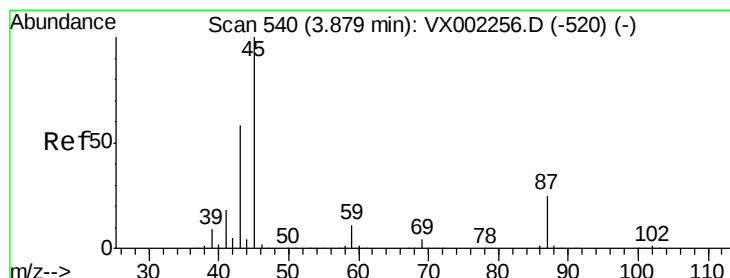
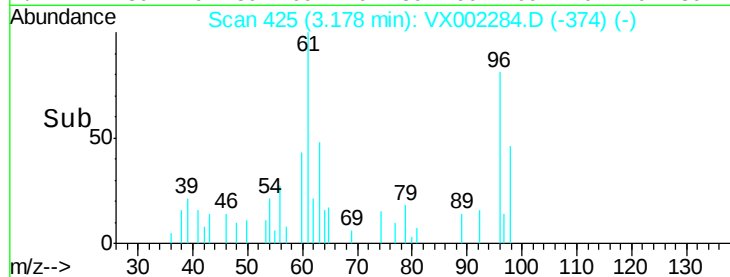
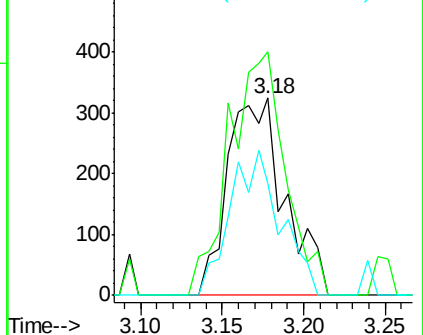
96 100

61 123.5 117.0 175.4

98 56.5 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: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Tgt Ion: 45 Resp: 102

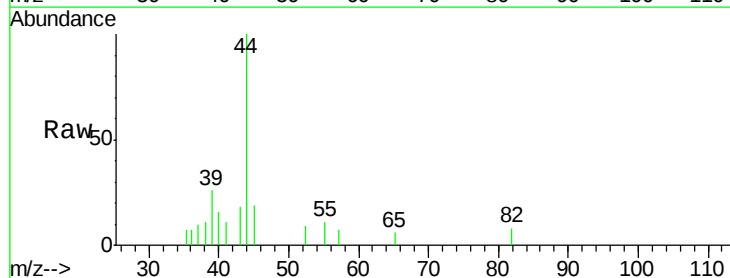
Ion Ratio Lower Upper

45 100

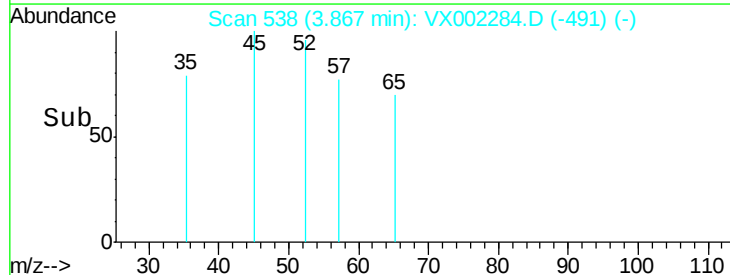
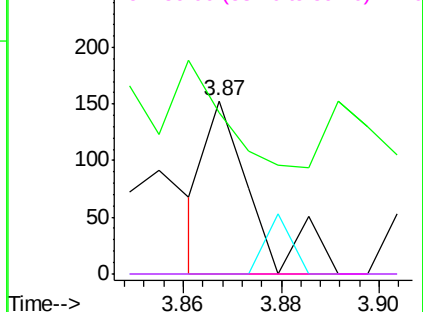
43 0.0 46.8 70.2#

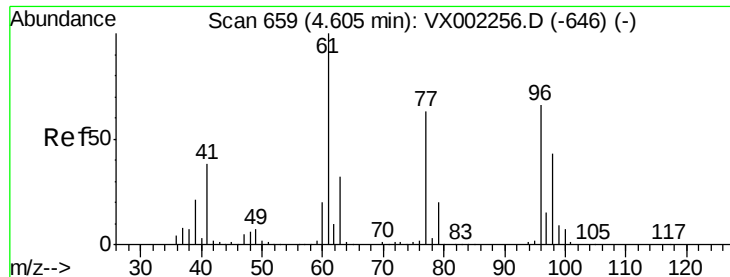
87 0.0 20.2 30.4#

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





#27

cis-1,2-Dichloroethene

Concen: 17.62 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

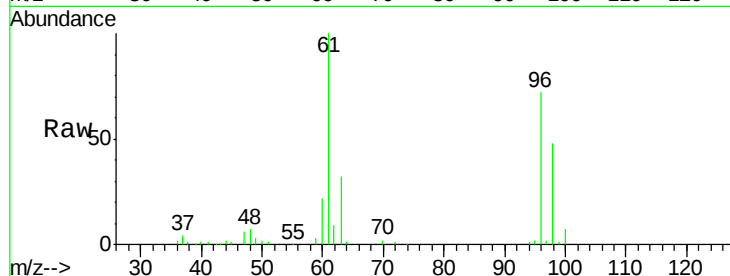
Tot Ion: 96 Resp: 54544

Ion Ratio Lower Upper

96 100

61 139.8 0.0 330.2

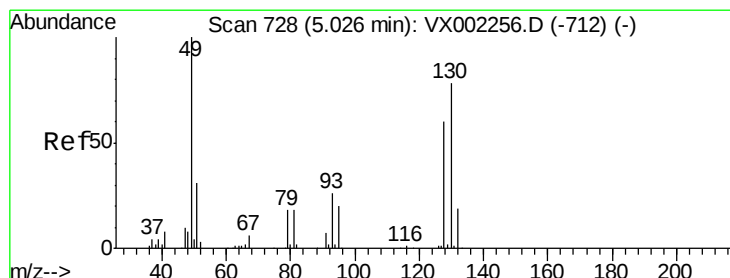
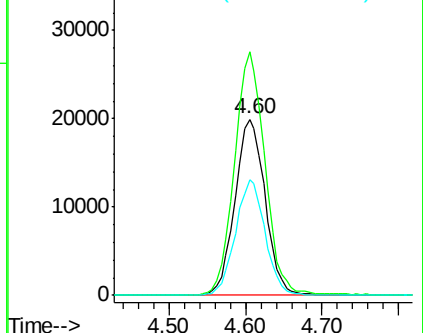
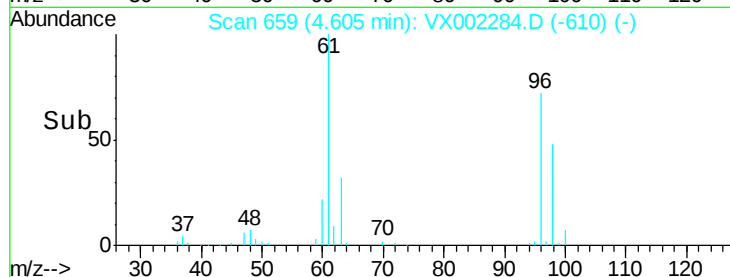
98 64.4 0.0 130.2



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



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

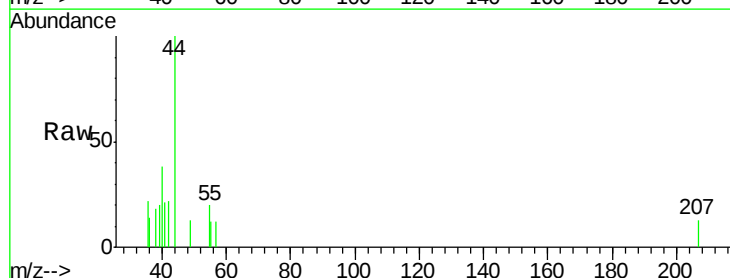
Tgt Ion: 49 Resp: 59

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

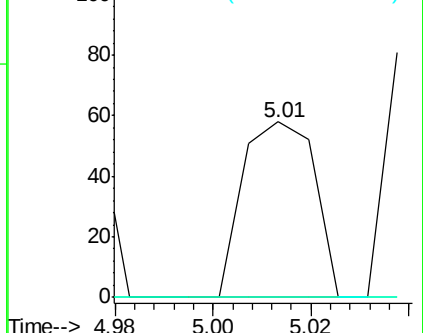
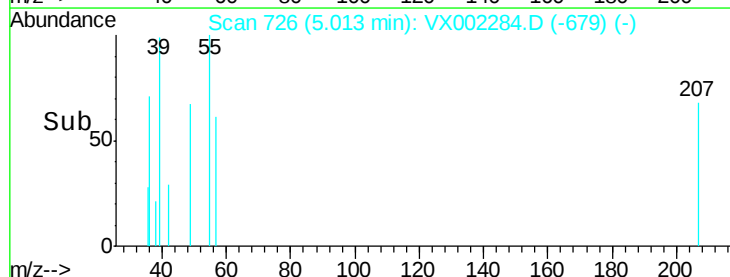
130 0.0 61.2 91.8#

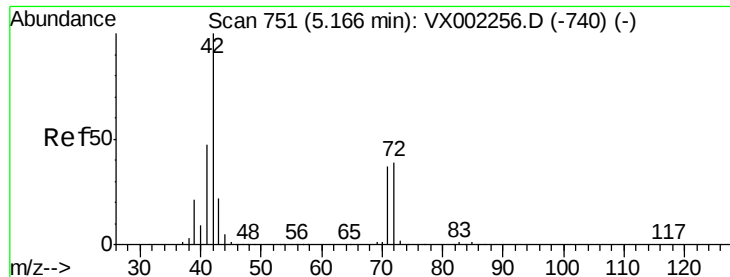


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

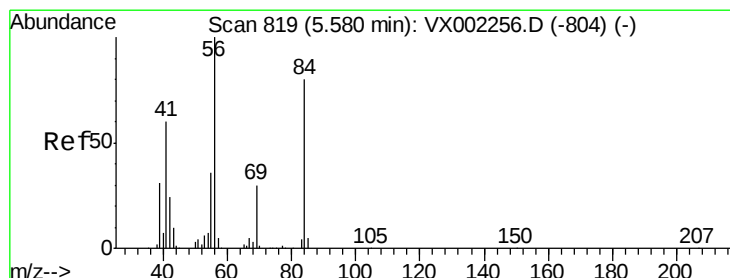
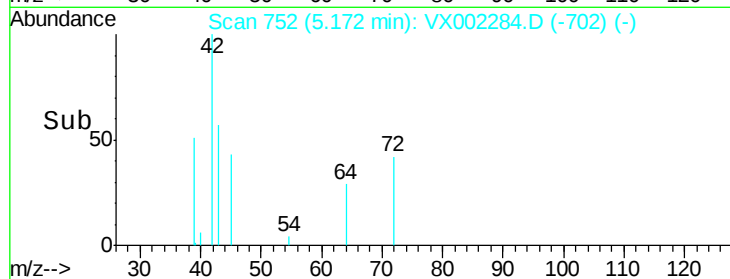
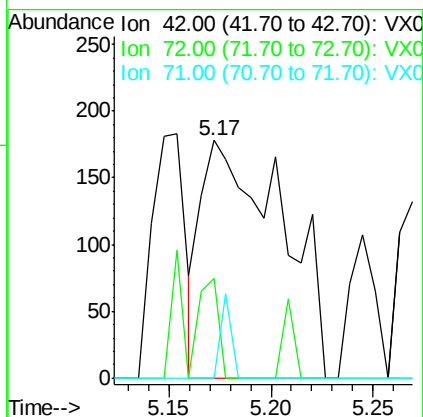
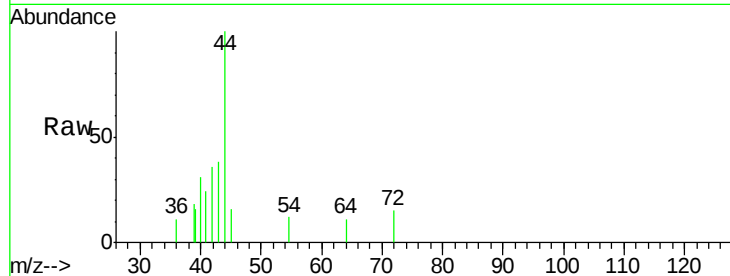




#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002284.D
Acq: 05 Jun 2018 02:45

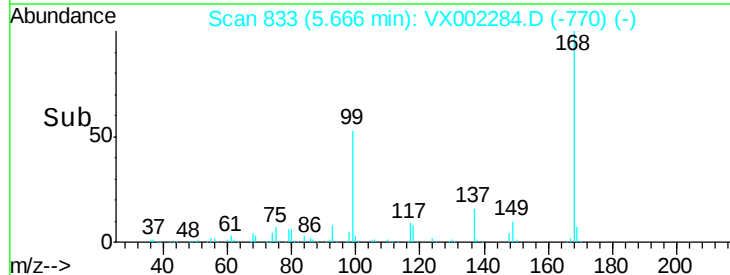
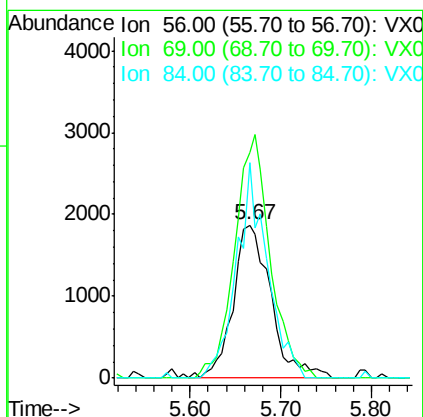
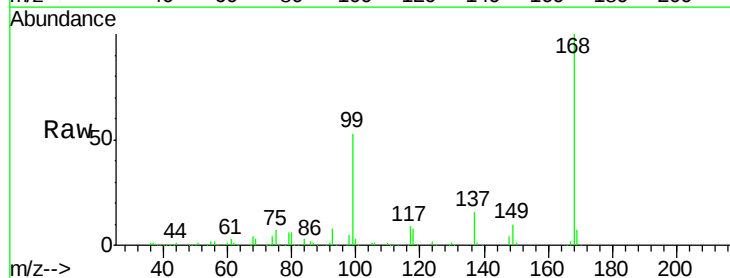
Instrument :
MSVOA_X
ClientSampleId :
SS052MW766-180530

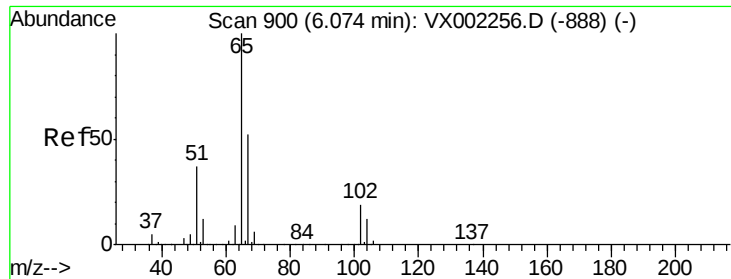
Tot Ion: 42 Resp: 492
Ion Ratio Lower Upper
42 100
72 10.4 32.0 48.0#
71 4.7 30.1 45.1#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002284.D
Acq: 05 Jun 2018 02:45

Tgt Ion: 56 Resp: 5410
Ion Ratio Lower Upper
56 100
69 147.7 23.7 35.5#
84 140.7 64.1 96.1#





#33

1,2-Dichloroethane-d4

Concen: 48.81 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

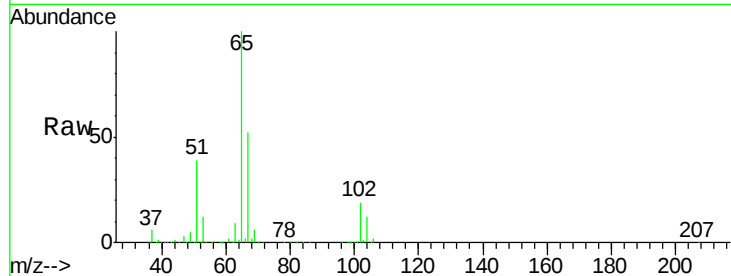
SS052MW766-180530

Tot Ion: 65 Resp: 169535

Ion Ratio Lower Upper

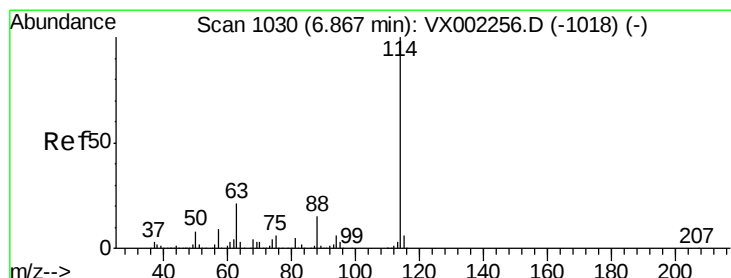
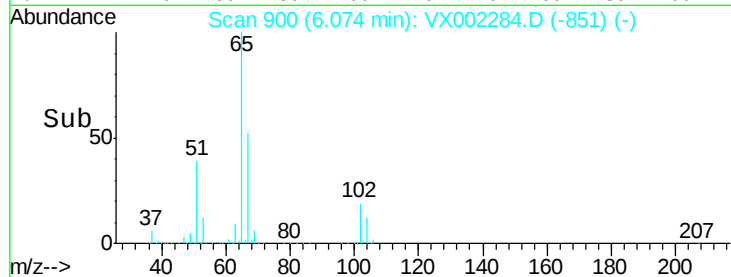
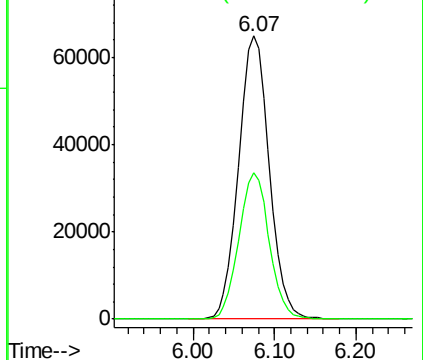
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

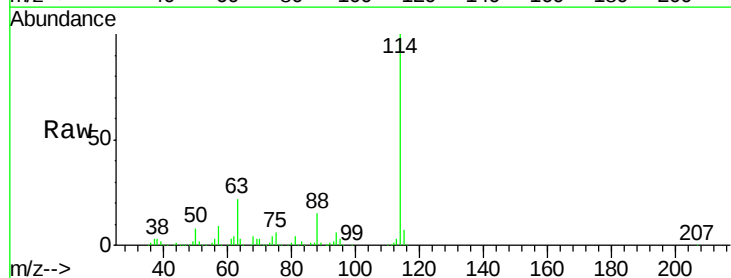
Tgt Ion: 114 Resp: 353308

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.4

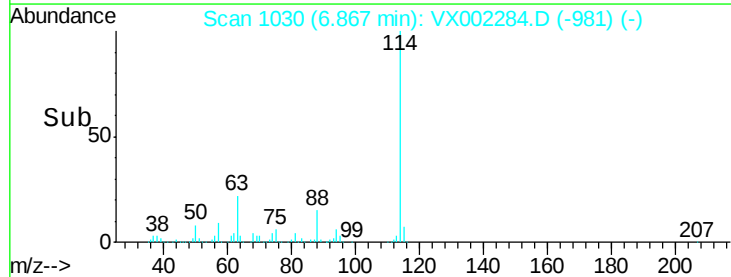
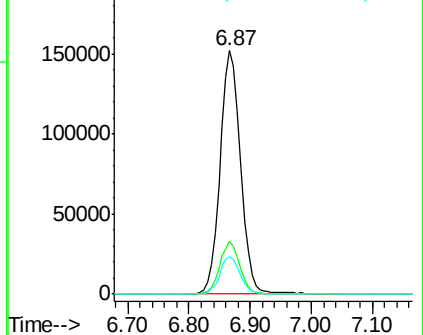
88 15.4 0.0 30.0

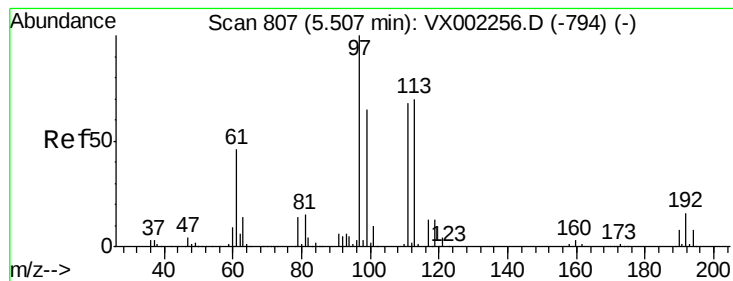


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

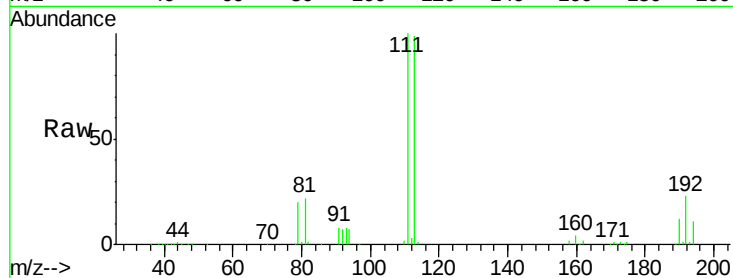
Tot Ion:113 Resp: 124086

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

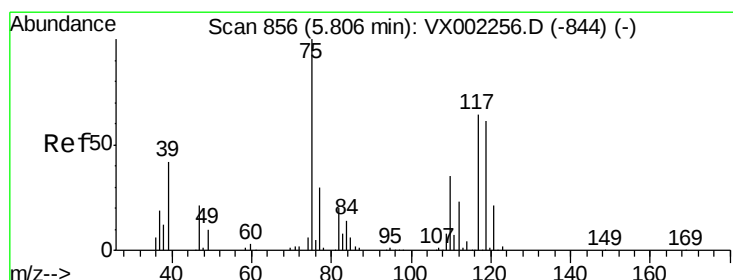
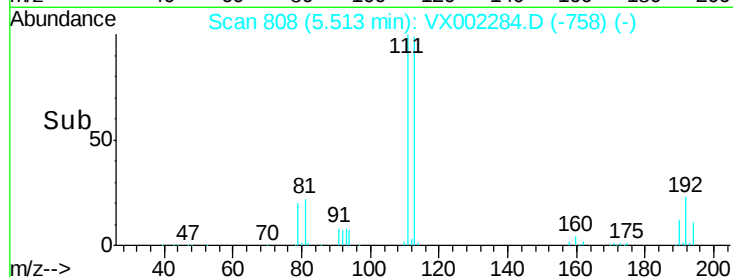
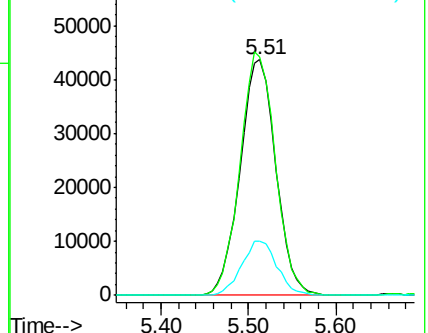
192 22.9 19.1 28.7



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: 4.70 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

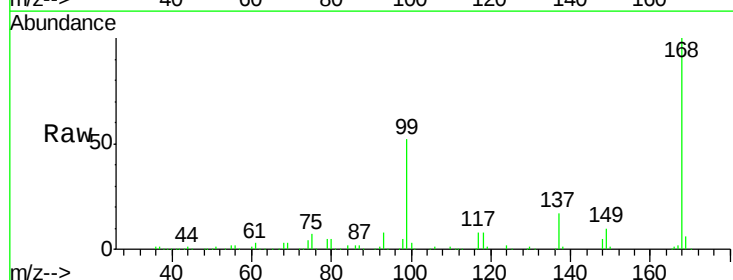
Tgt Ion: 75 Resp: 17465

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

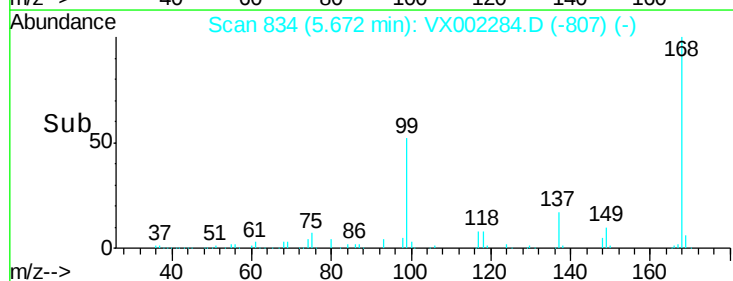
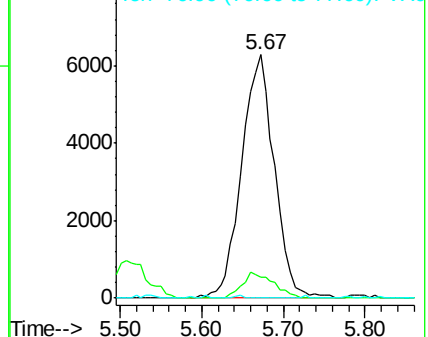
77 0.0 24.3 36.5#

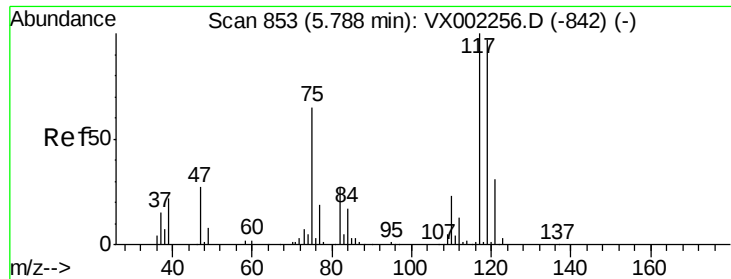


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.65 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

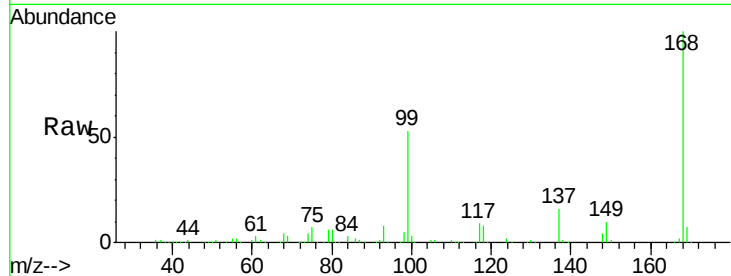
Tot Ion:117 Resp: 21961

Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.0#

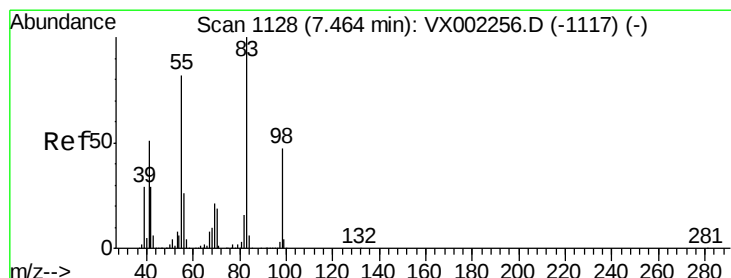
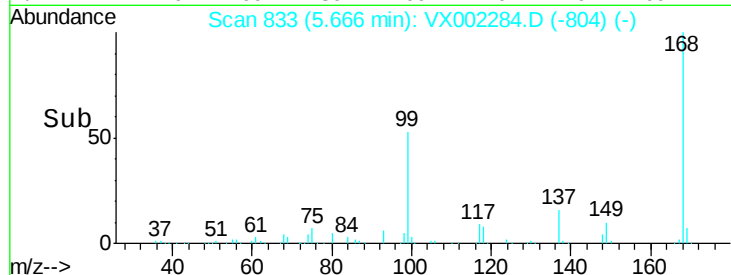
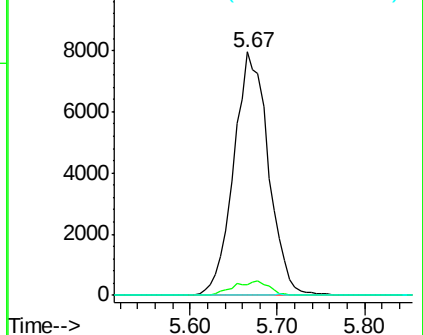
121 0.0 24.4 36.6#



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: 0.28 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

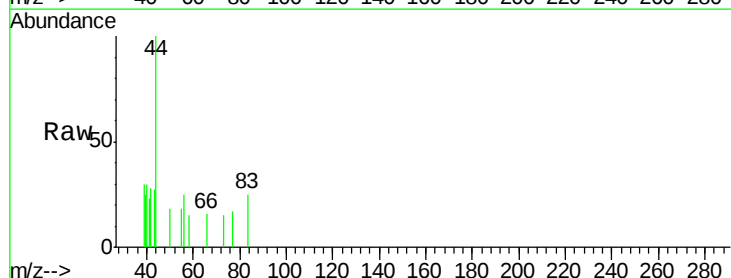
Tgt Ion: 83 Resp: 59

Ion Ratio Lower Upper

83 100

55 73.7 65.4 98.0

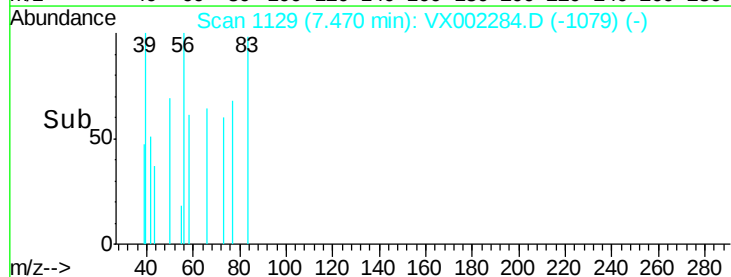
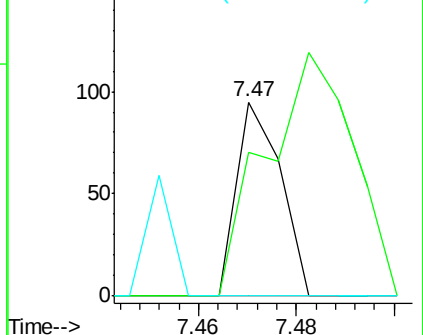
98 0.0 37.4 56.0#

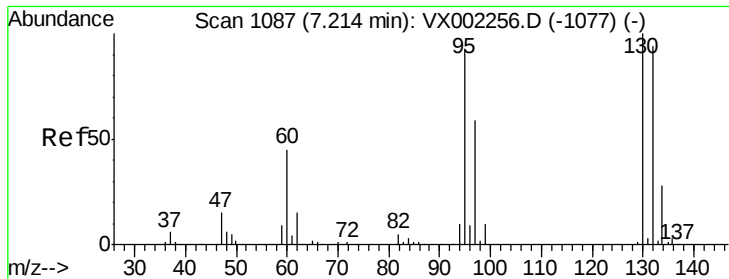


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 1.18 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

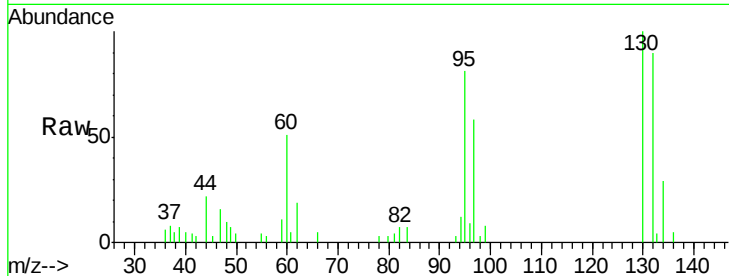
SS052MW766-180530

Tot Ion:130 Resp: 3724

Ion Ratio Lower Upper

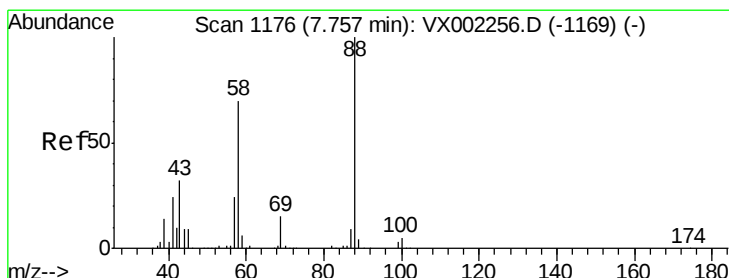
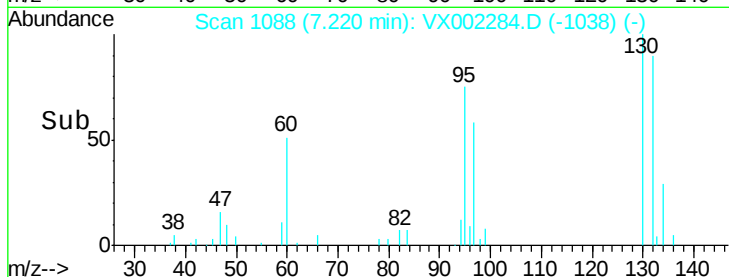
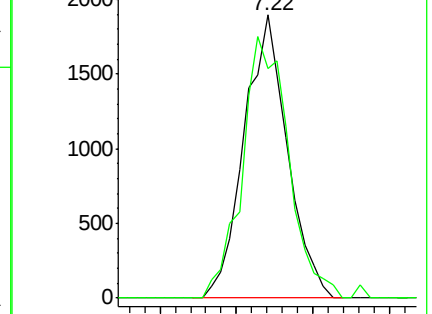
130 100

95 80.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.38 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

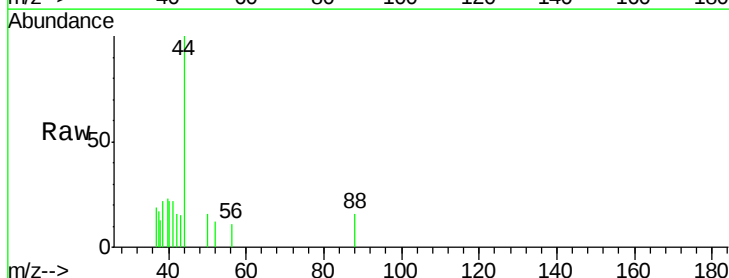
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 1251.9 29.8 44.6#

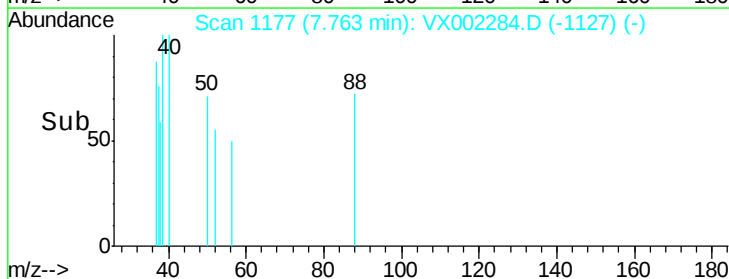
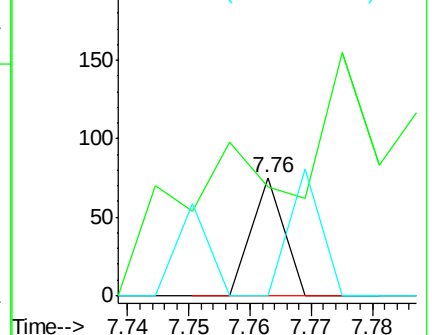
58 111.1 57.1 85.7#

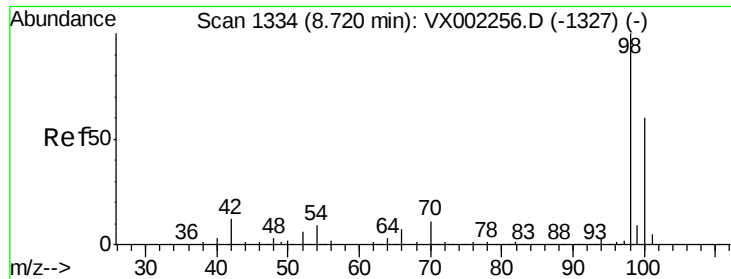


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

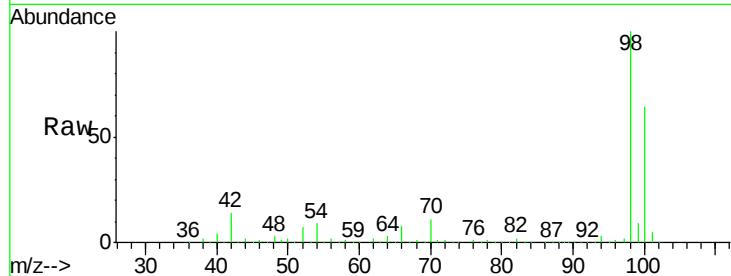
SS052MW766-180530

Tot Ion: 98 Resp: 502675

Ion Ratio Lower Upper

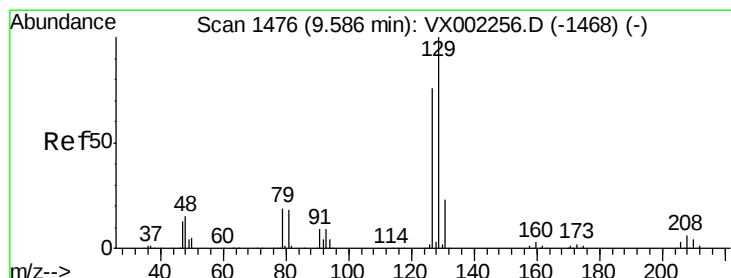
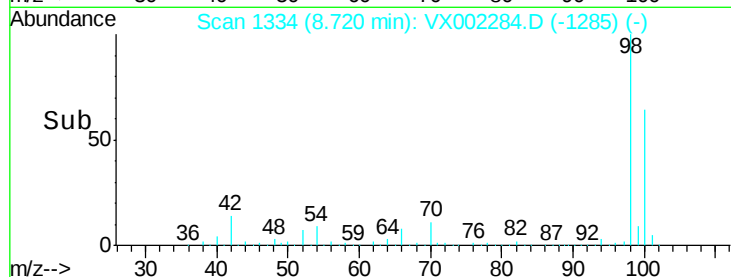
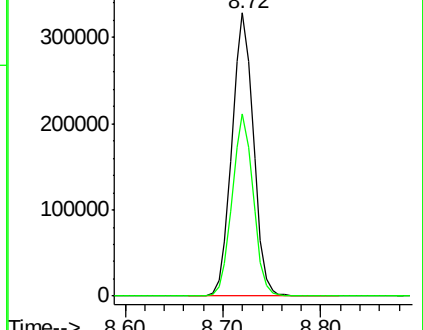
98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX002256.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX002256.D (-1327) (-)



#60

Dibromochloromethane

Concen: 1.91 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX002284.D

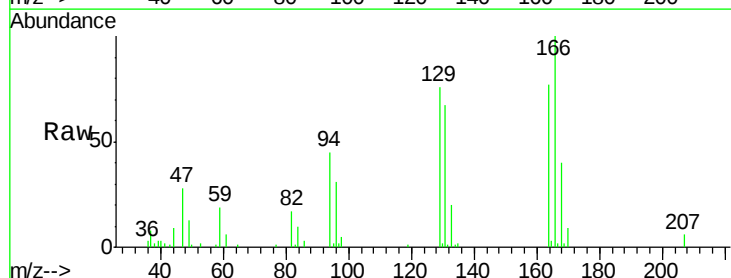
Acq: 05 Jun 2018 02:45

Tgt Ion: 129 Resp: 5717

Ion Ratio Lower Upper

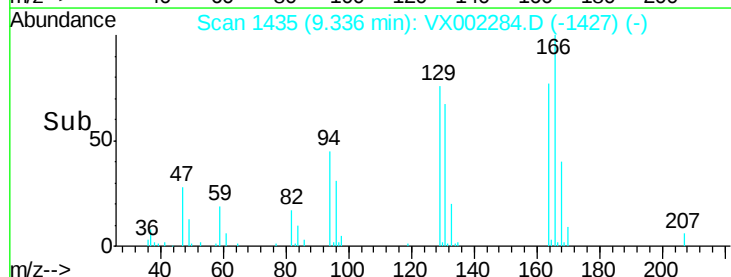
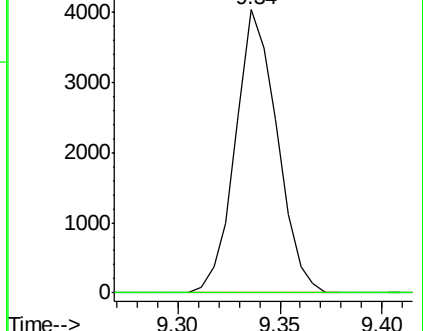
129 100

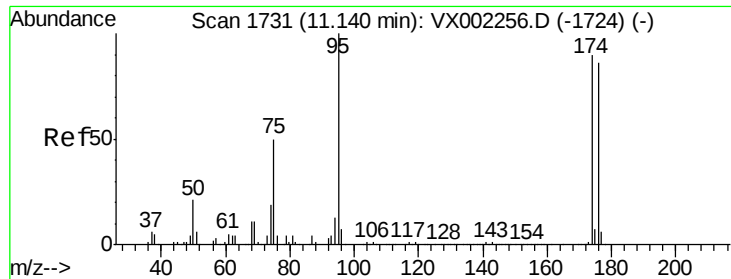
127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): VX002256.D (-1468) (-)

Ion 126.80 (126.50 to 127.50): VX002256.D (-1468) (-)





#62

4-Bromofluorobenzene

Concen: 39.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

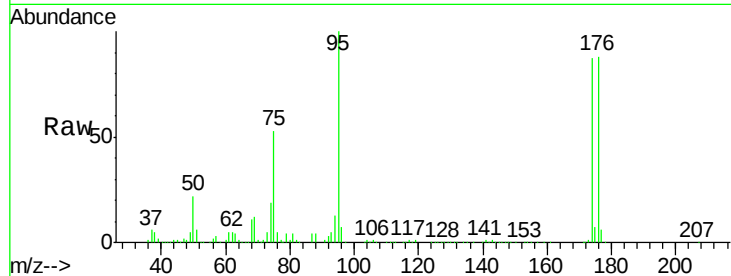
Tot Ion: 95 Resp: 163874

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.4

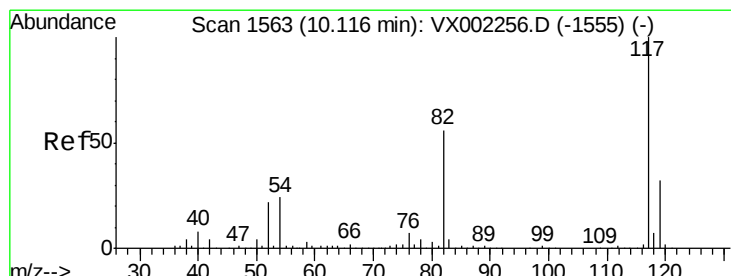
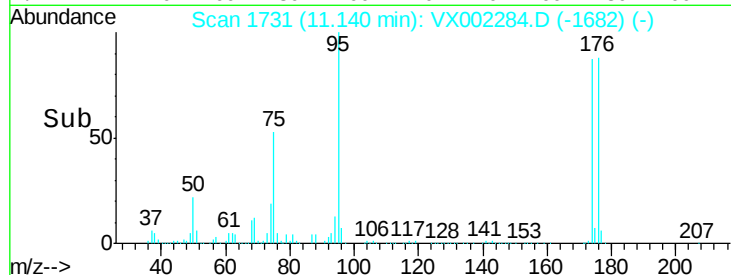
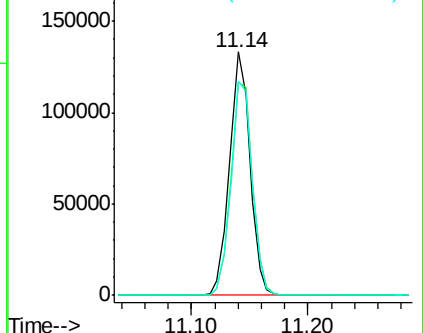
176 91.2 0.0 181.0



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: VX002284.D

Acq: 05 Jun 2018 02:45

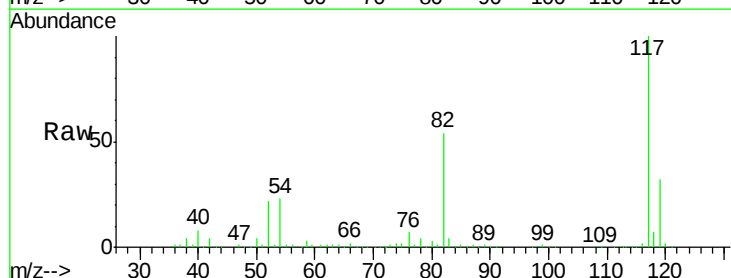
Tgt Ion: 117 Resp: 313389

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.4

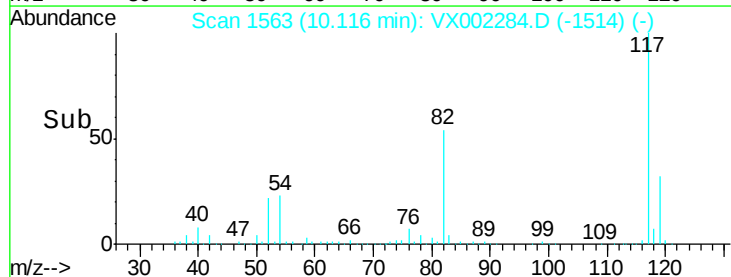
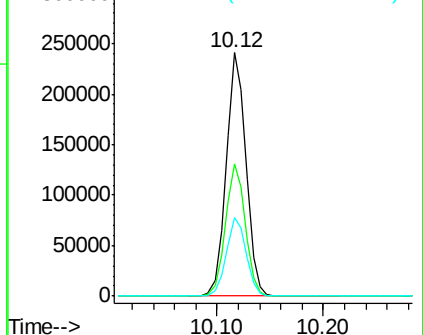
119 32.1 25.8 38.6

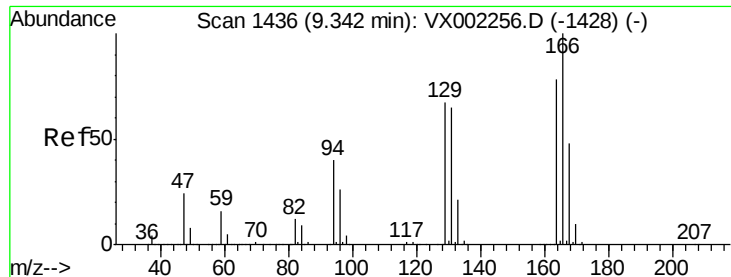


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.94 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

Tot Ion:164 Resp: 6283

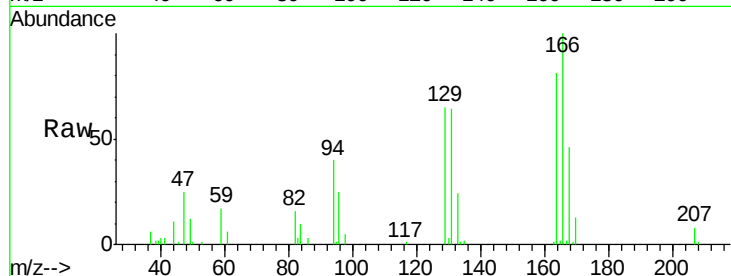
Ion Ratio Lower Upper

164 100

166 123.2 102.9 154.3

129 80.1 68.6 102.8

131 78.8 66.8 100.2

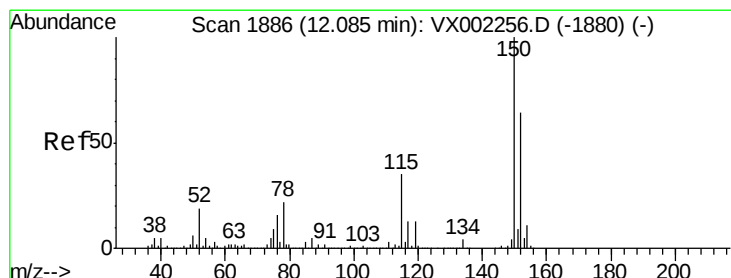
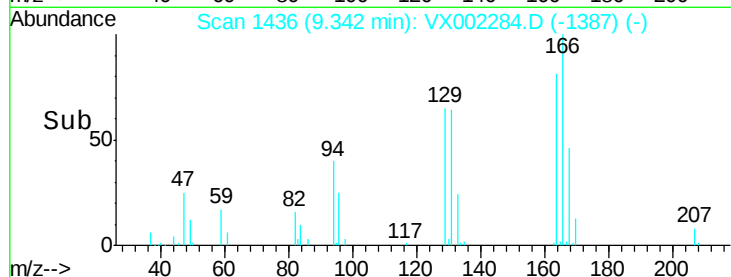
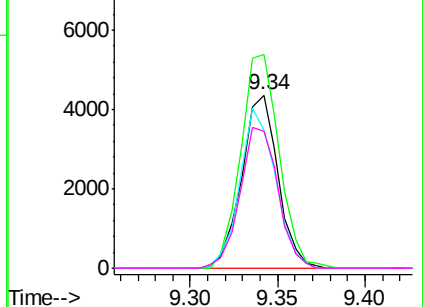


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

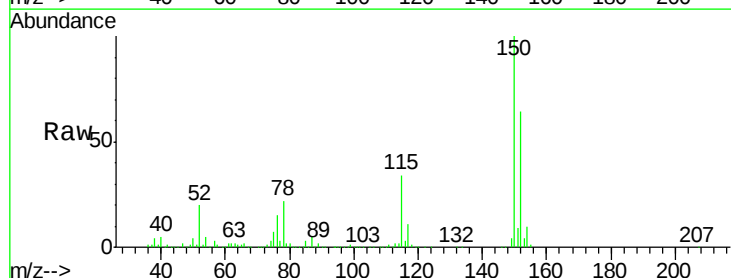
Tgt Ion:152 Resp: 159437

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

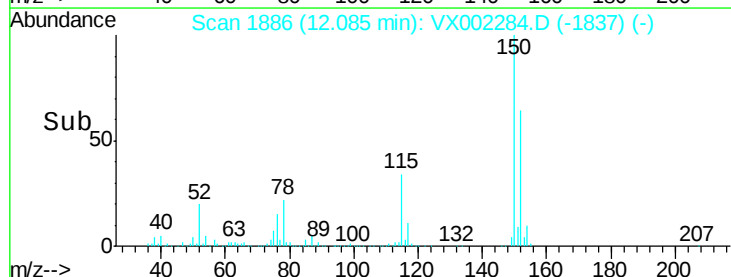
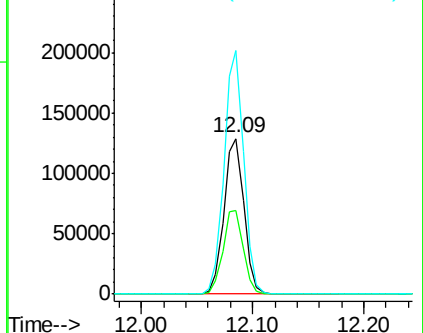
150 154.2 0.0 347.2

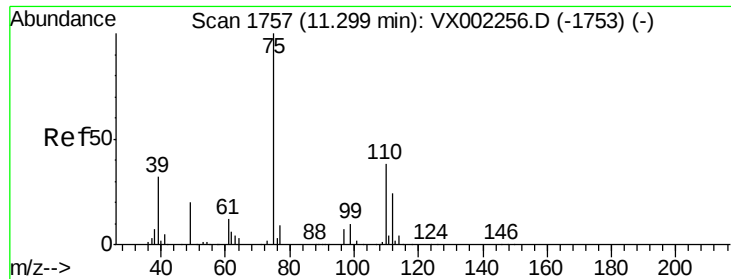


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

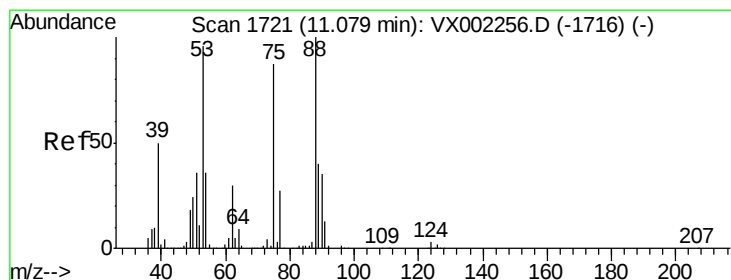
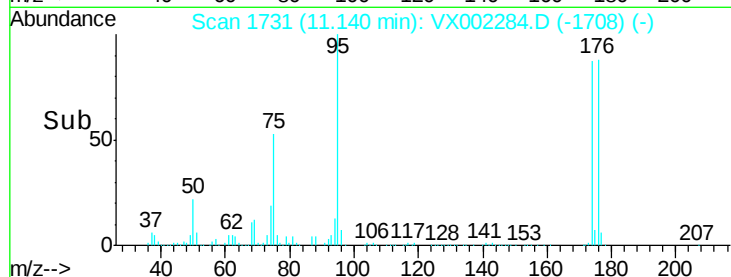
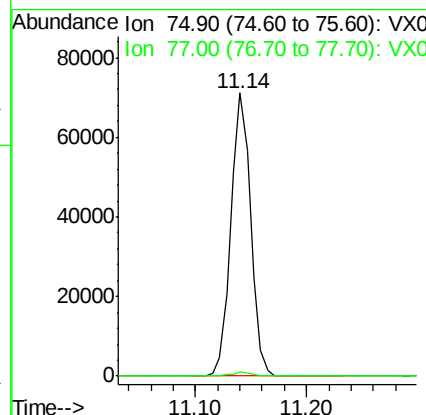
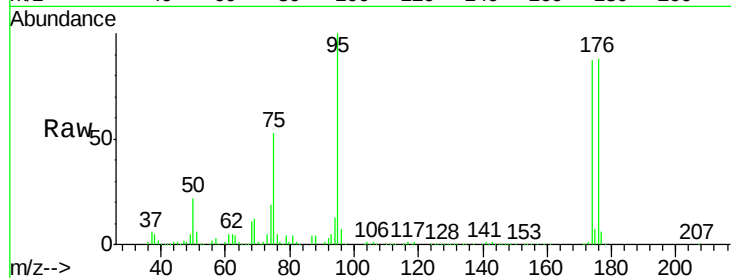




#76
 1,2,3-Trichloropropane
 Concen: 25.01 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002284.D
 Acq: 05 Jun 2018 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-180530

Tot Ion: 75 Resp: 87488
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.8 68.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.66 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002284.D
 Acq: 05 Jun 2018 02:45

Tgt Ion: 75 Resp: 87488
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#

