

Data File : VX001883.D

Acq On : 21 May 2018 17:46

Operator : JC/MD

Sample : J2988-01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 14 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

SS050MW052-180515

Quant Time: May 22 01:53:28 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179539	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	162859	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
50) Toluene-d8	8.72	98	483980	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
62) 4-Bromofluorobenzene	11.14	95	146978	38.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.24%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1228	0.43	ug/l	97
4) Vinyl Chloride	1.40	62	3861	1.24	ug/l	94
5) Bromomethane	1.66	94	472	Below Cal	#	71
6) Chloroethane	1.68	64	7653	3.91	ug/l	# 51
11) Tert butyl alcohol	3.02	59	749	1.19	ug/l	# 72
16) Acetone	2.45	43	2436	1.75	ug/l	# 87
21) trans-1,2-Dichloroethene	3.17	96	1213	0.42	ug/l	97
25) 2-Butanone	4.72	43	1112	0.52	ug/l	# 88
27) cis-1,2-Dichloroethene	4.60	96	23965	7.30	ug/l	97
30) Chloroform	5.21	83	1139	0.21	ug/l	# 74
31) Cyclohexane	5.66	56	3912	0.88	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	14887	3.65	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	21137	4.95	ug/l	# 15
44) Trichloroethene	7.22	130	12388	3.32	ug/l	93
60) Dibromochloromethane	9.34	129	60975	20.18	ug/l	# 11
64) Tetrachloroethene	9.34	164	72901	21.51	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	69496	28.84	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	69496	83.57	ug/l	# 10

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

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Instrument :

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ClientSampleId :

SS050MW052-180515

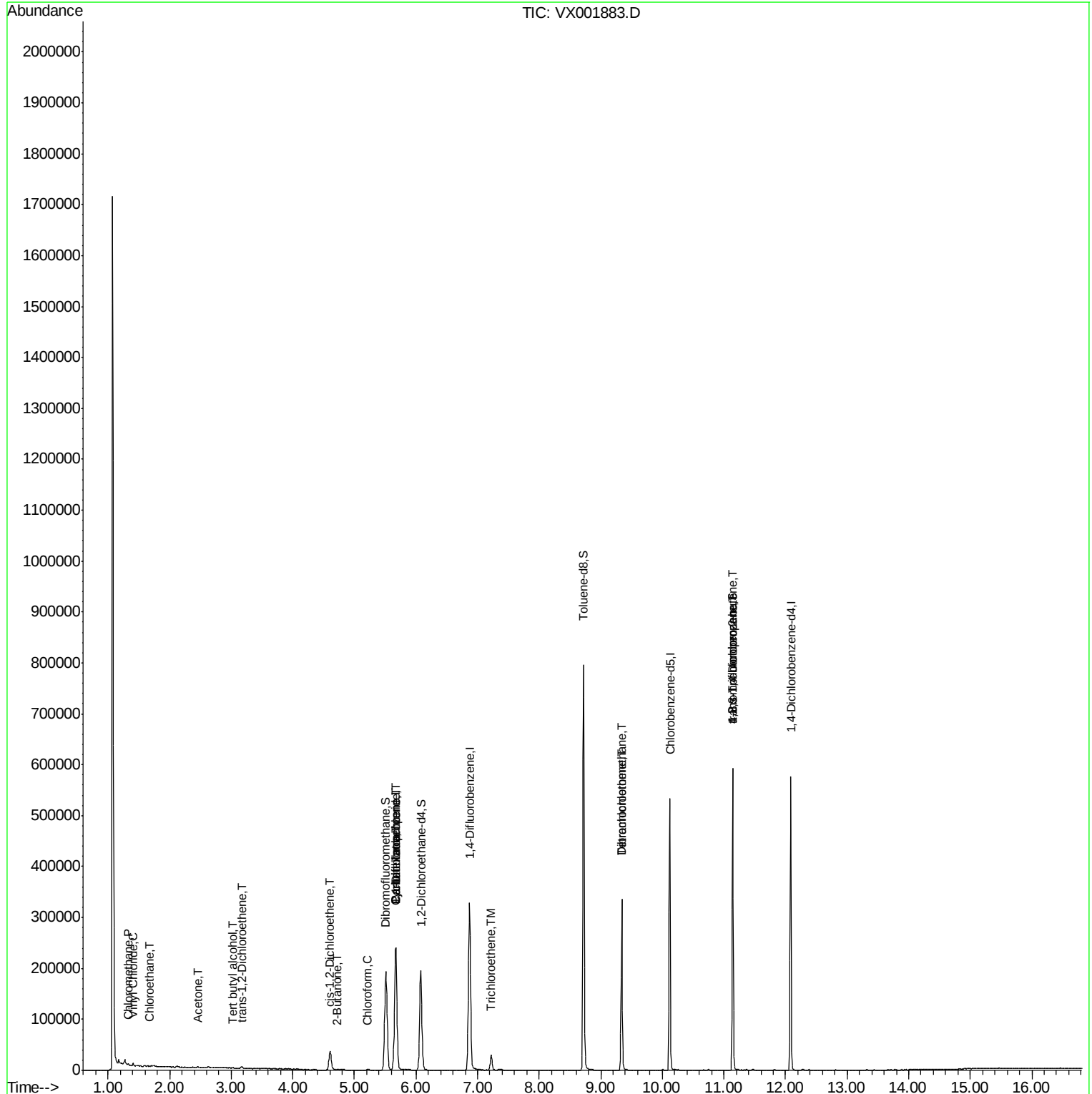
Quant Time: May 22 01:53:28 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

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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: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

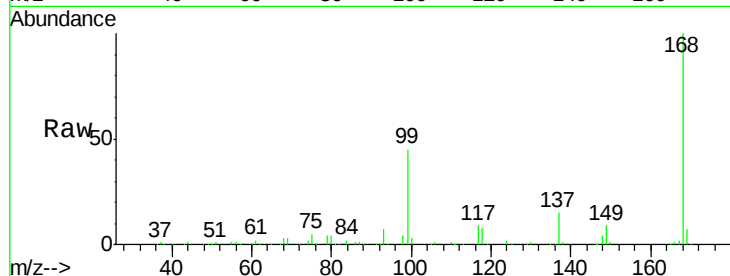
SS050MW052-180515

Tgt Ion:168 Resp: 265102

Ion Ratio Lower Upper

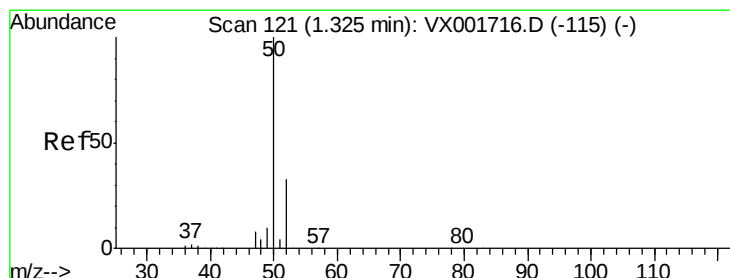
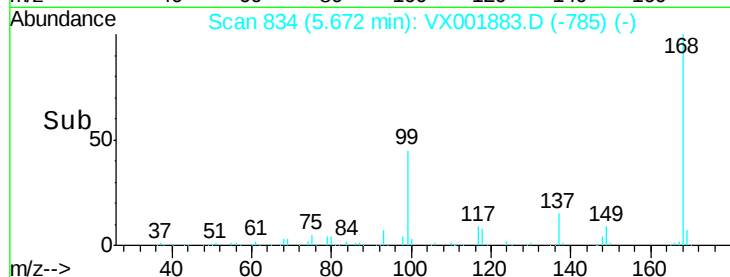
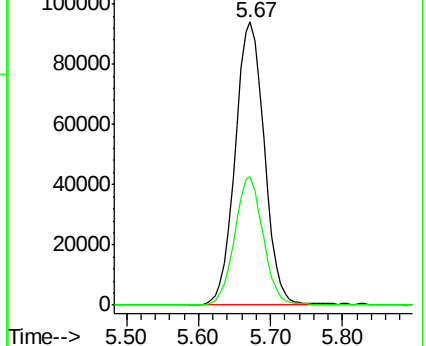
168 100

99 45.3 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001883.D

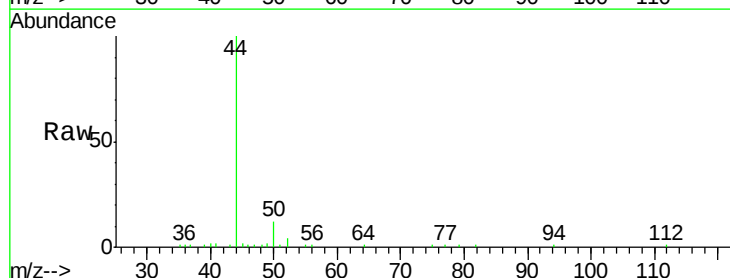
Acq: 21 May 2018 17:46

Tgt Ion: 50 Resp: 1228

Ion Ratio Lower Upper

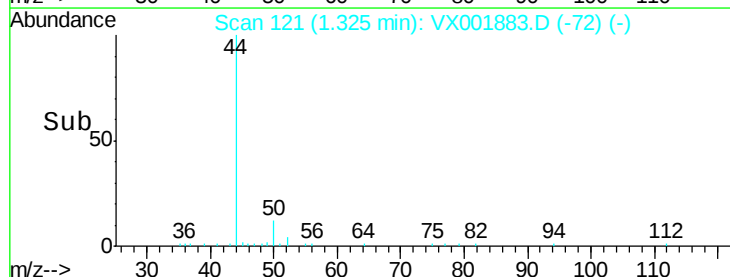
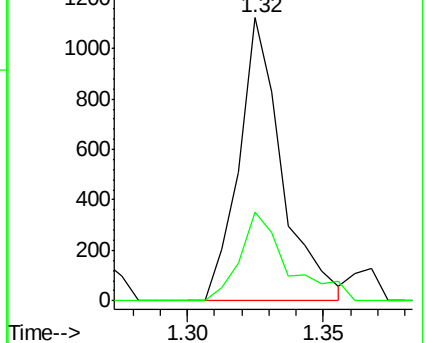
50 100

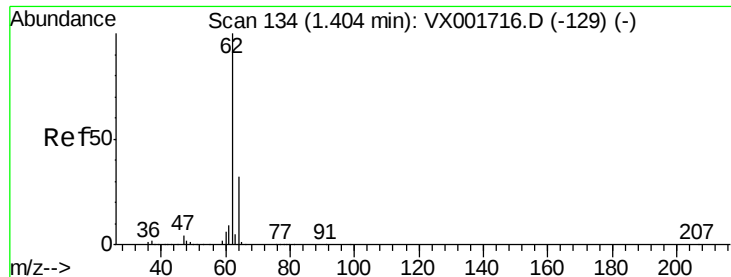
52 31.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.24 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

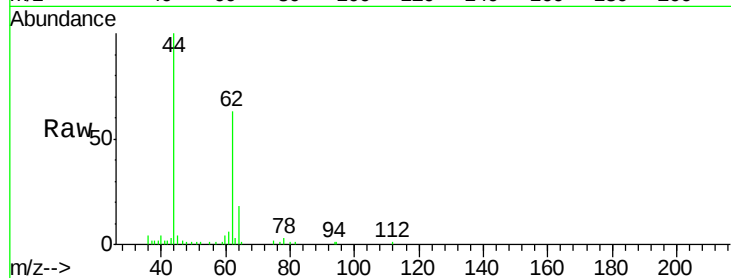
SS050MW052-180515

Tgt Ion: 62 Resp: 3861

Ion Ratio Lower Upper

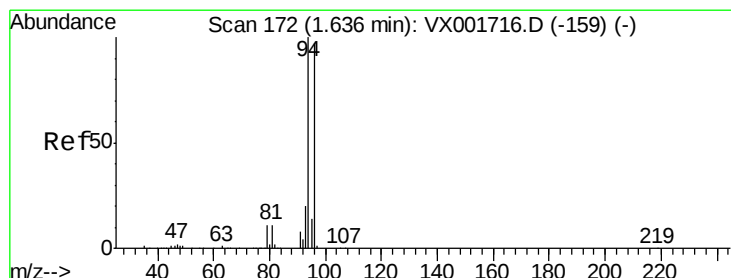
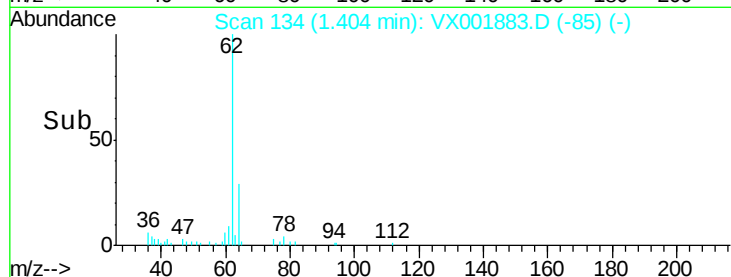
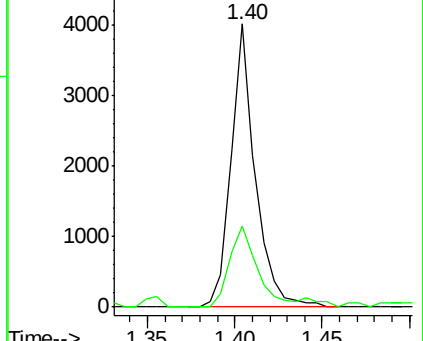
62 100

64 28.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001883.D

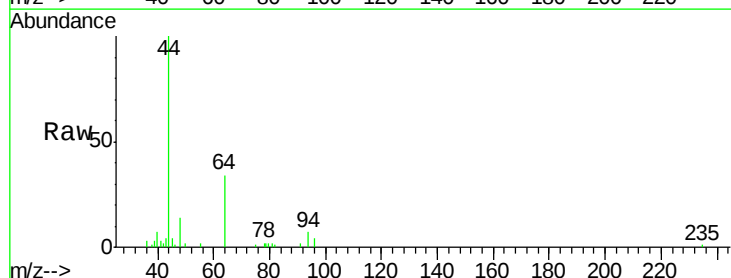
Acq: 21 May 2018 17:46

Tgt Ion: 94 Resp: 472

Ion Ratio Lower Upper

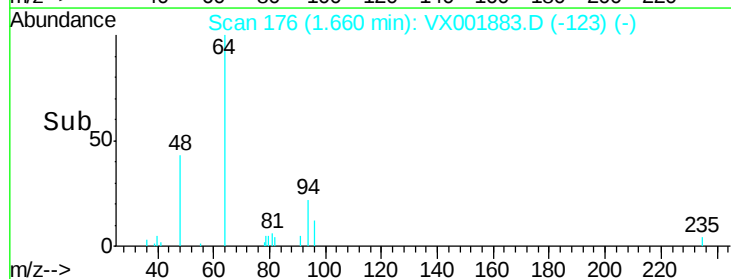
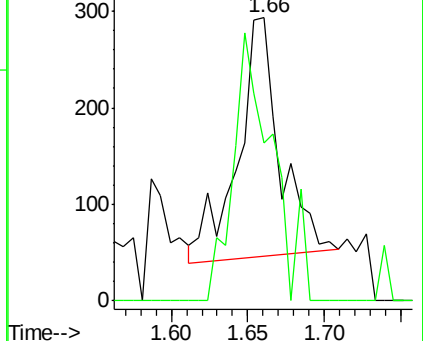
94 100

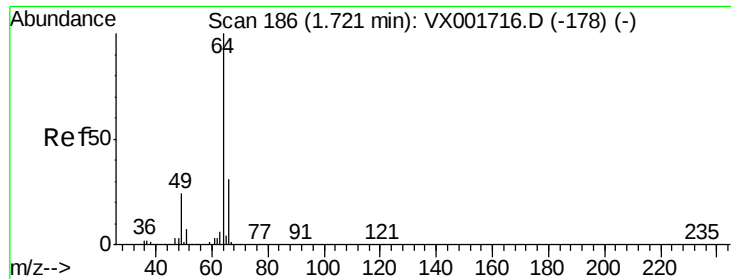
96 68.6 77.4 116.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 3.91 ug/l

RT: 1.68 min Scan# 179

Delta R.T. -0.04 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

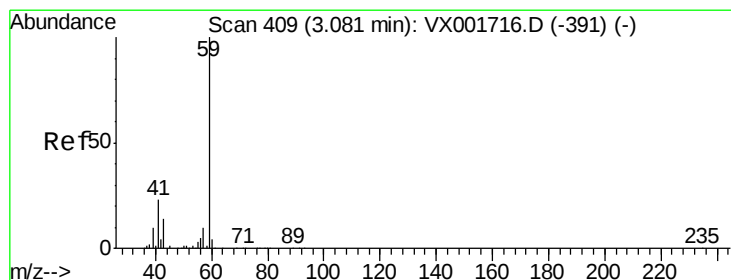
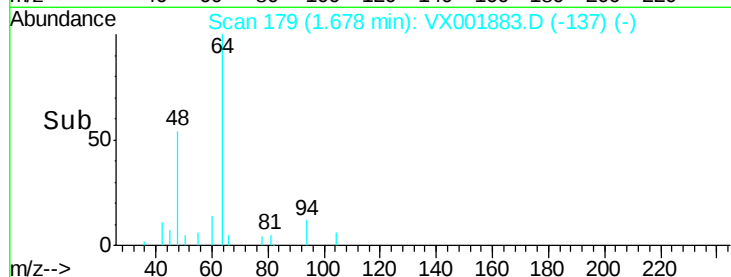
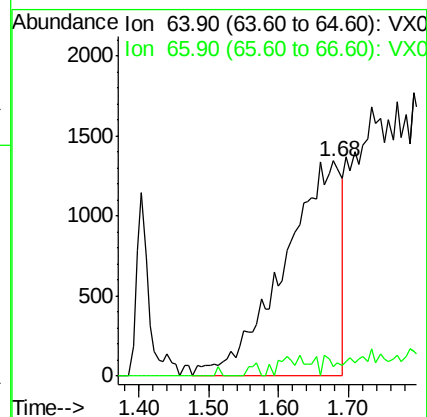
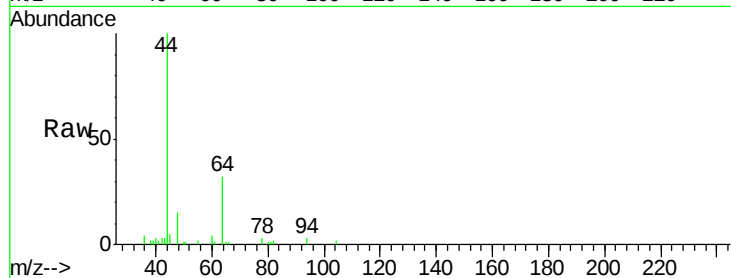
SS050MW052-180515

Tgt Ion: 64 Resp: 7653

Ion Ratio Lower Upper

64 100

66 4.6 25.2 37.8#



#11

Tert butyl alcohol

Concen: 1.19 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.06 min

Lab File: VX001883.D

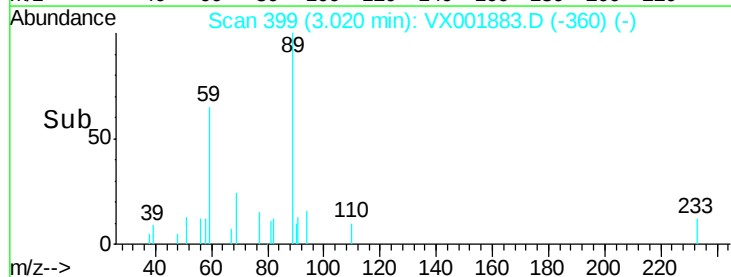
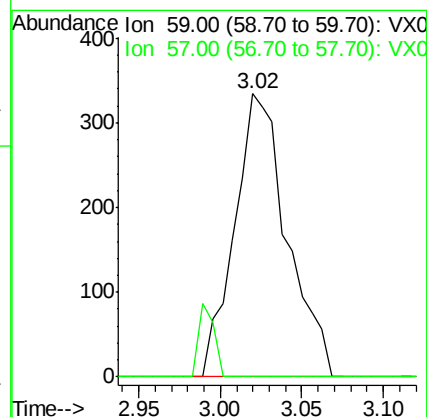
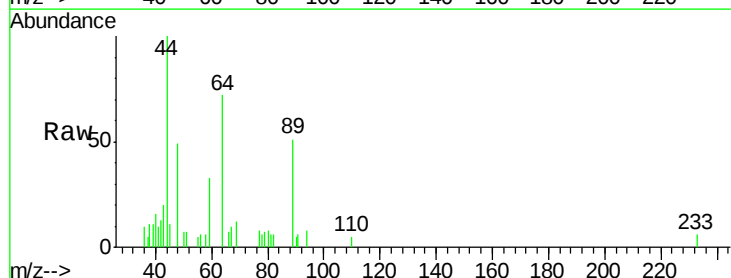
Acq: 21 May 2018 17:46

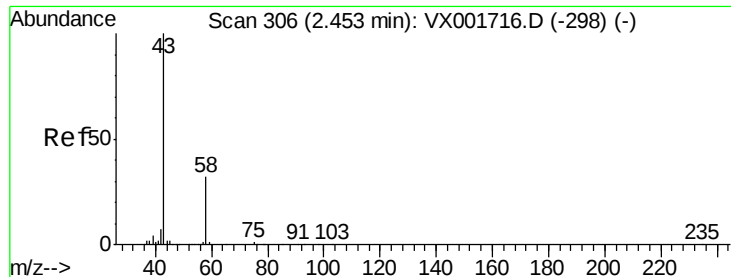
Tgt Ion: 59 Resp: 749

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 1.75 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

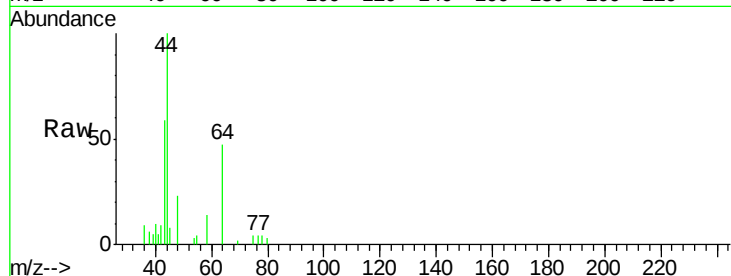
SS050MW052-180515

Tgt Ion: 43 Resp: 2436

Ion Ratio Lower Upper

43 100

58 24.4 25.3 37.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

1000

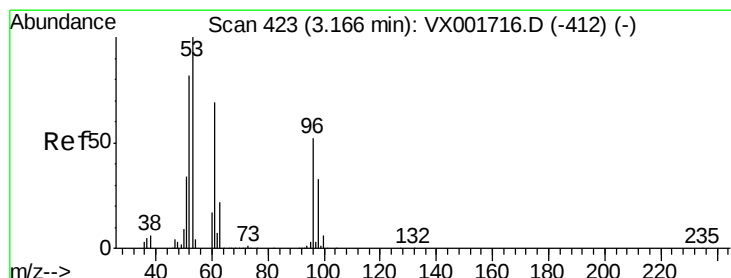
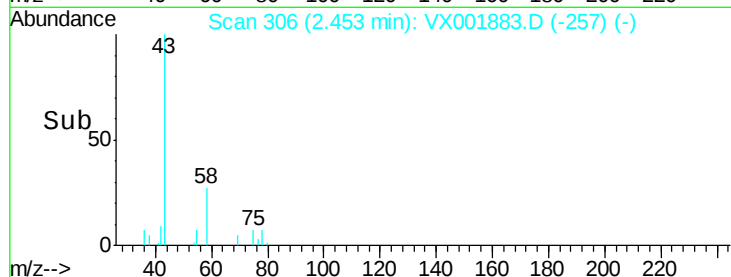
500

0

Time-->

2.40 2.45 2.50

2.45



#21

trans-1,2-Dichloroethene

Concen: 0.42 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

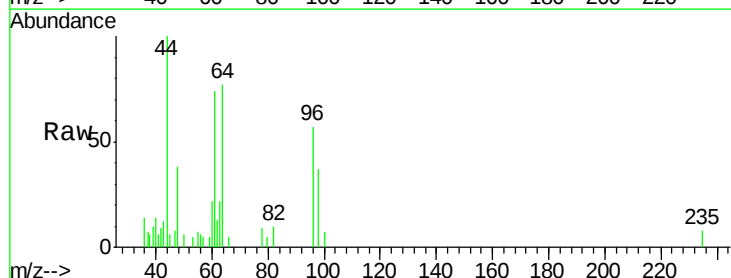
Tgt Ion: 96 Resp: 1213

Ion Ratio Lower Upper

96 100

61 130.0 105.8 158.8

98 65.9 50.2 75.4



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

1200

1000

800

600

400

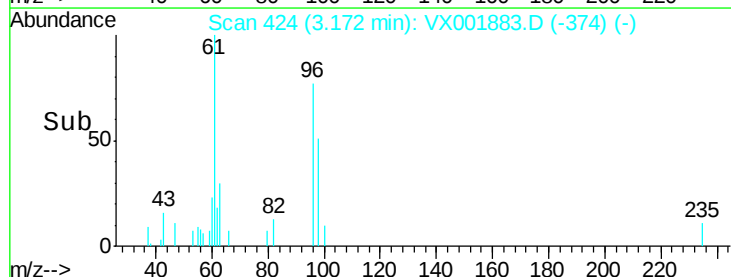
200

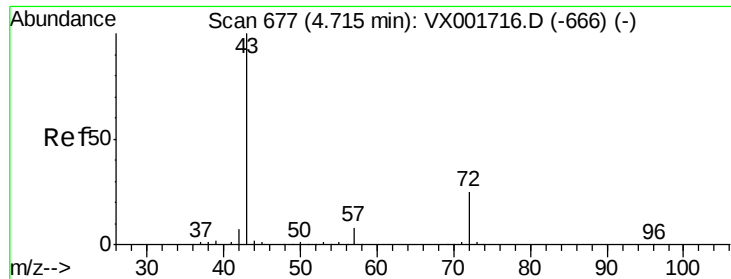
0

Time-->

3.10 3.15 3.20

3.17





#25

2-Butanone

Concen: 0.52 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

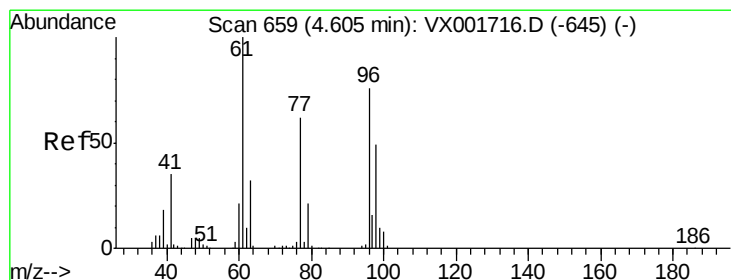
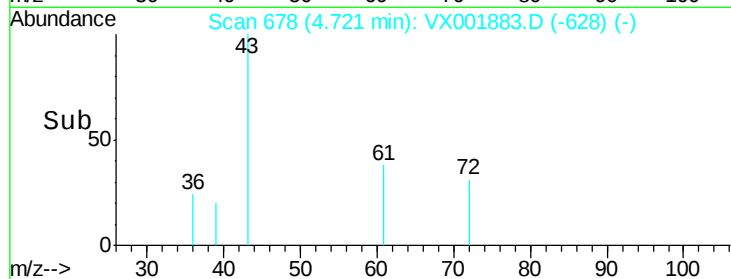
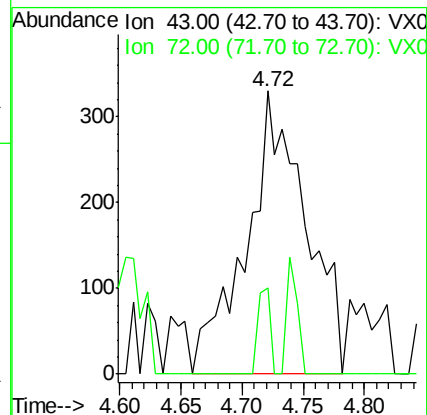
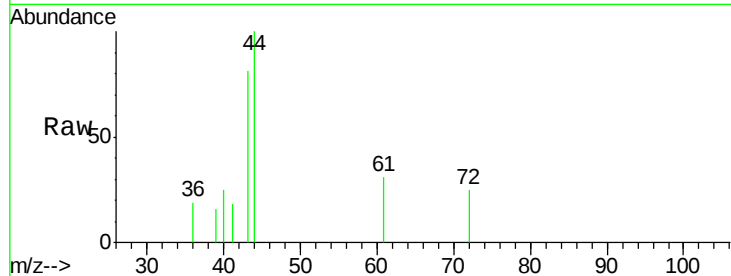
SS050MW052-180515

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

72 30.6 19.8 29.6#



#27

cis-1,2-Dichloroethene

Concen: 7.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

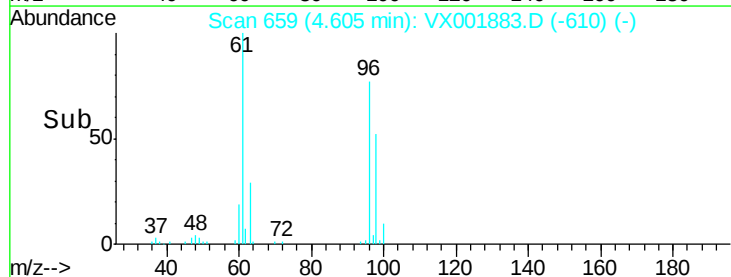
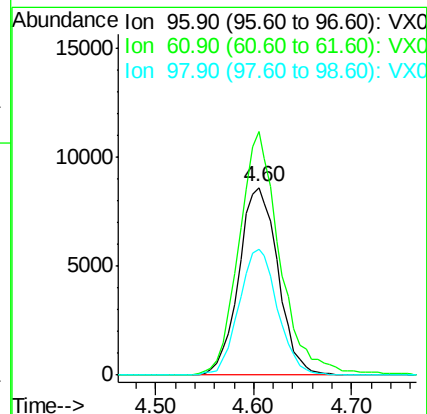
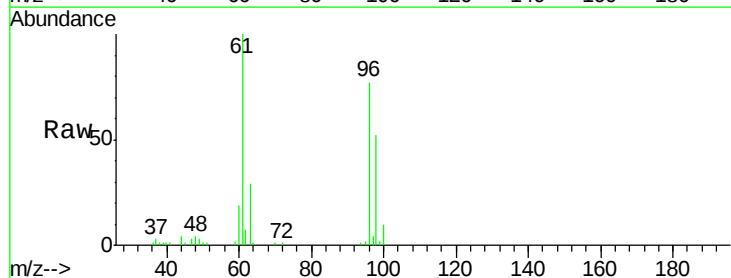
Tgt Ion: 96 Resp: 23965

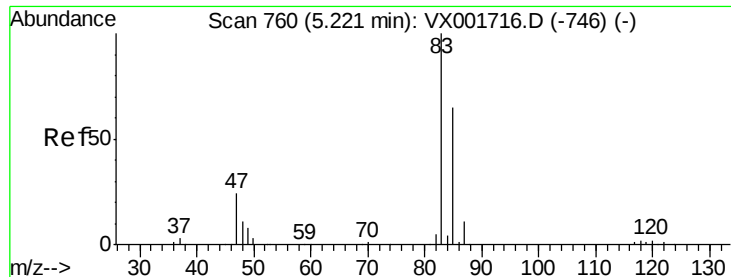
Ion Ratio Lower Upper

96 100

61 136.0 0.0 280.4

98 66.4 0.0 128.4

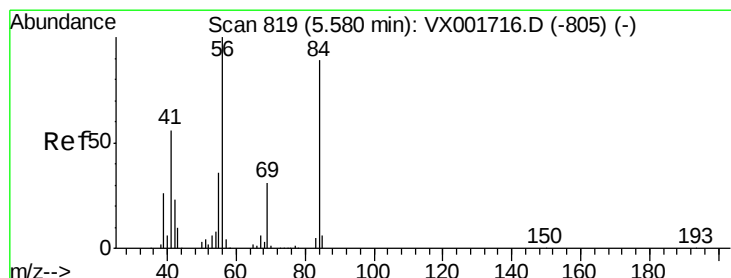
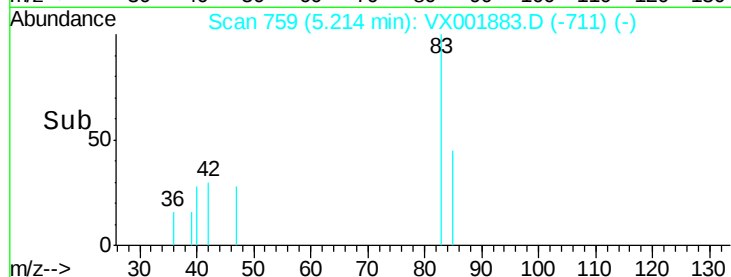
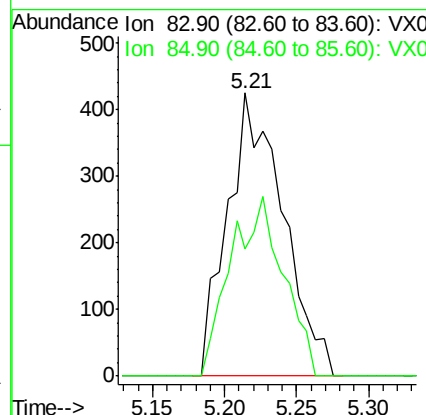
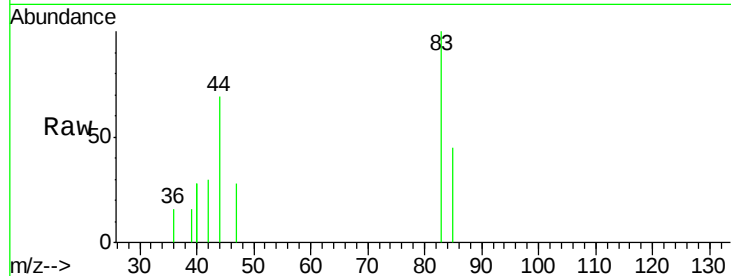




#30
Chloroform
Concen: 0.21 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX001883.D
Acq: 21 May 2018 17:46

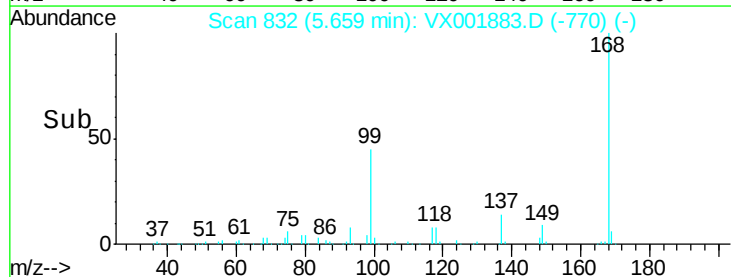
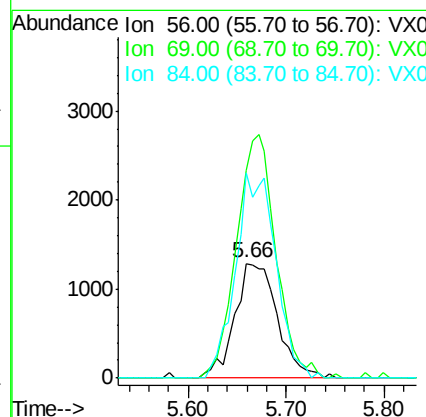
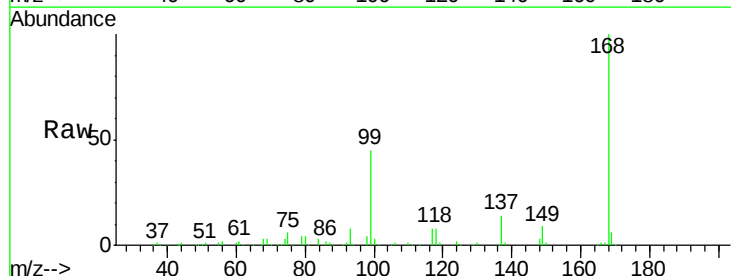
Instrument :
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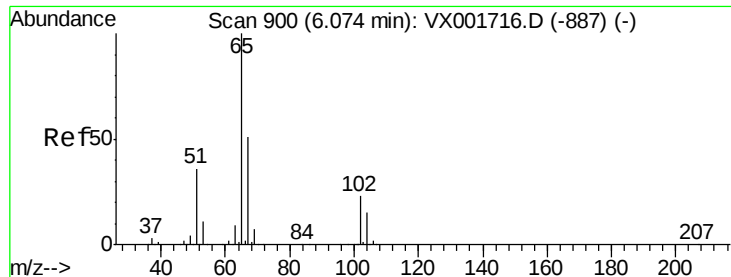
Tgt Ion: 83 Resp: 1139
Ion Ratio Lower Upper
83 100
85 44.9 52.3 78.5#



#31
Cyclohexane
Concen: 0.88 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX001883.D
Acq: 21 May 2018 17:46

Tgt Ion: 56 Resp: 3912
Ion Ratio Lower Upper
56 100
69 180.3 25.0 37.6#
84 178.2 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 50.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

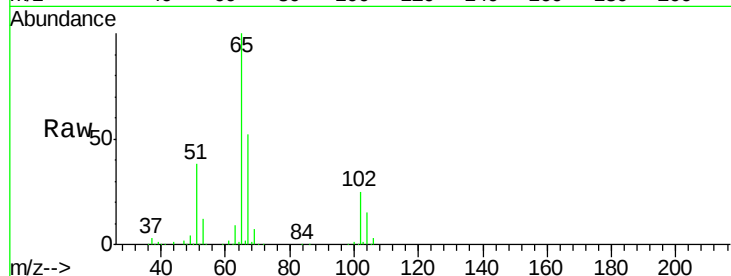
SS050MW052-180515

Tgt Ion: 65 Resp: 179539

Ion Ratio Lower Upper

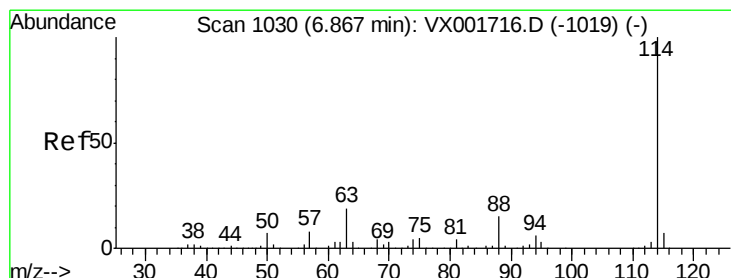
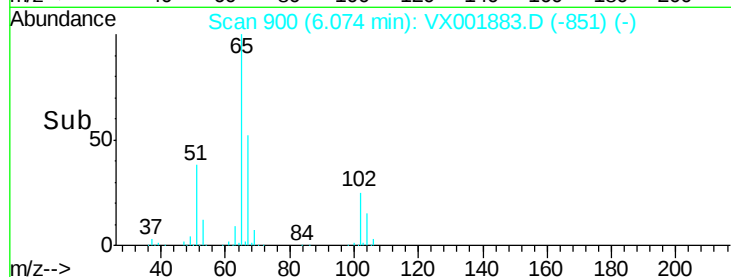
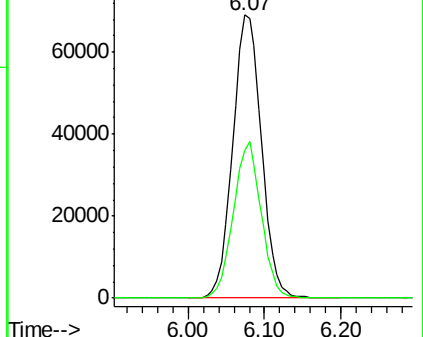
65 100

67 53.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

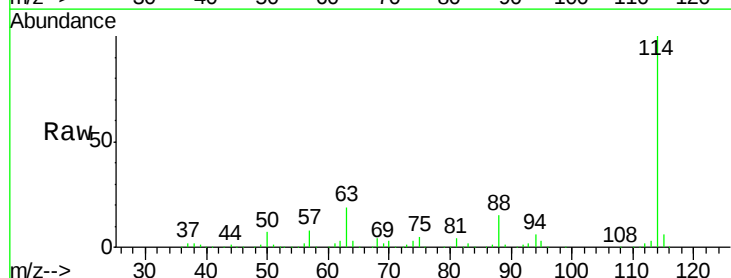
Tgt Ion: 114 Resp: 354262

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

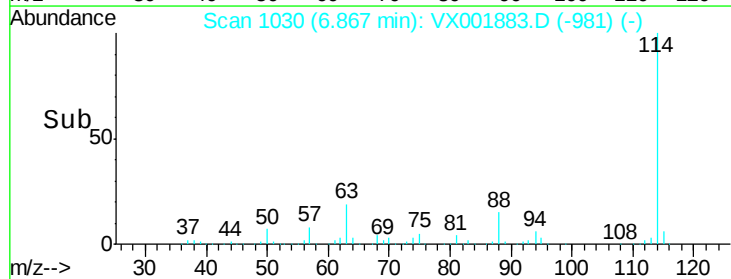
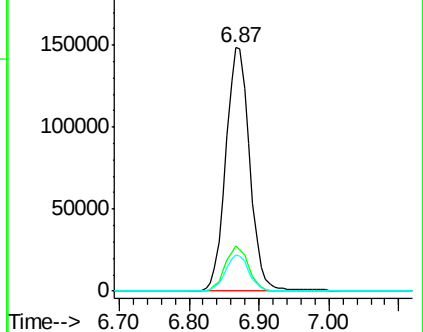
88 15.1 0.0 29.8

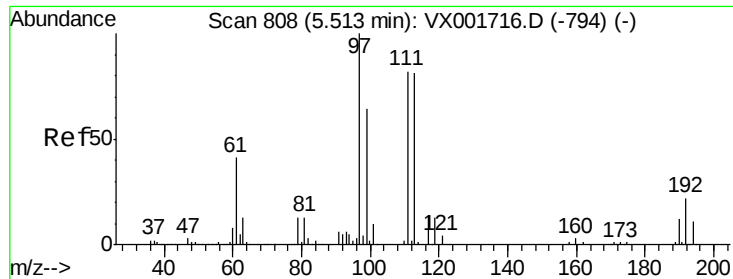


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

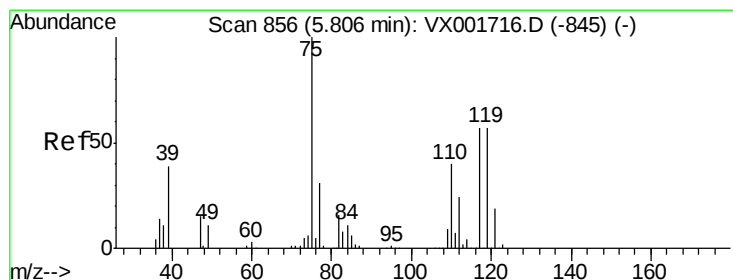
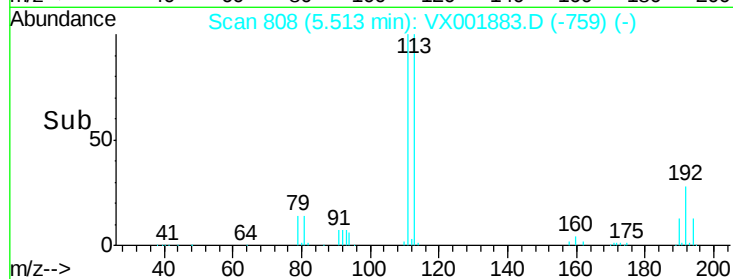
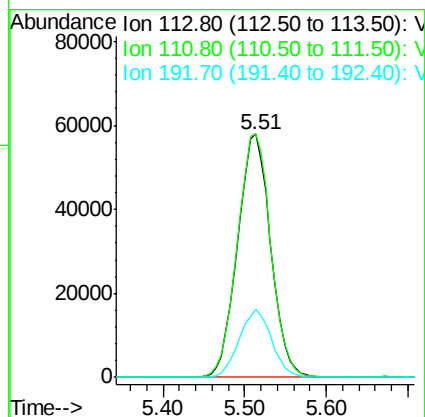
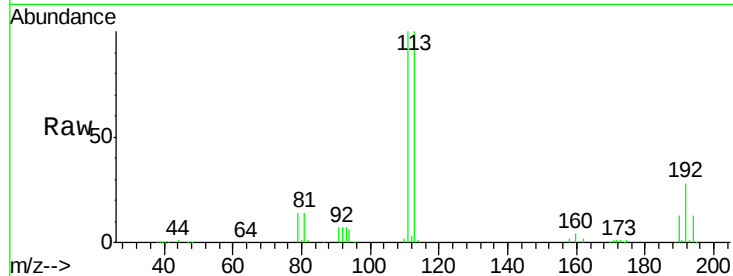




#35
 Dibromofluoromethane
 Concen: 54.47 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001883.D
 Acq: 21 May 2018 17:46

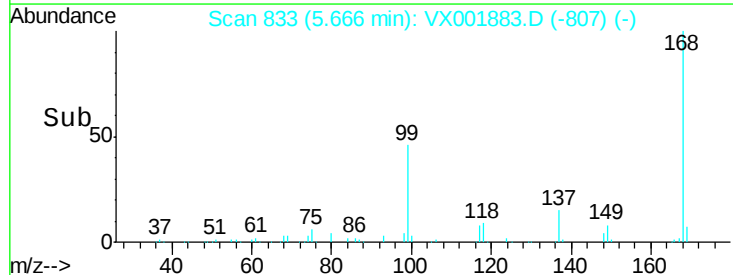
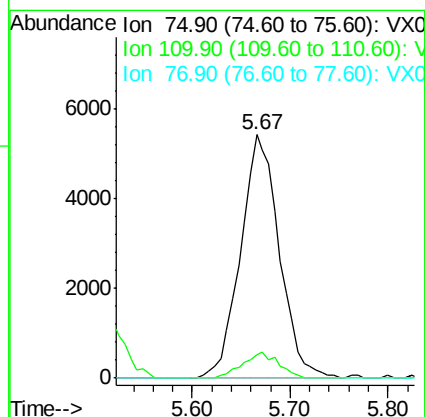
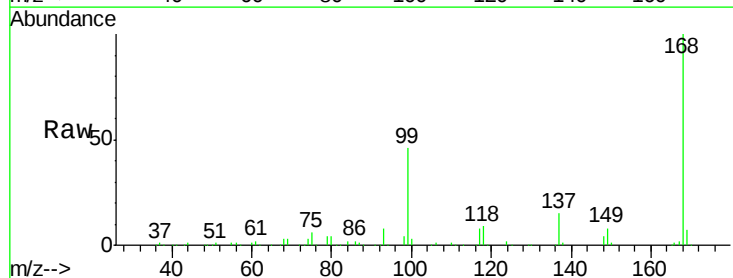
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW052-180515

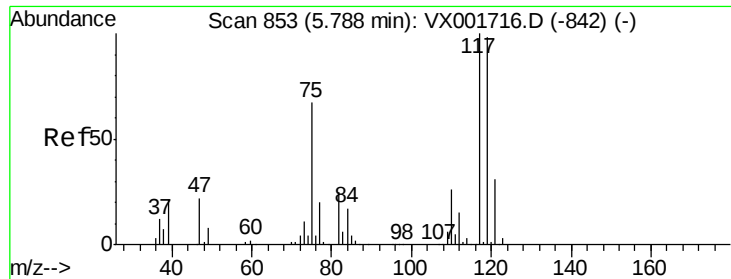
Tgt Ion:113 Resp: 162859
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.0 123.0
 192 27.5 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001883.D
 Acq: 21 May 2018 17:46

Tgt Ion: 75 Resp: 14887
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.1 57.1#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.95 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW052-180515

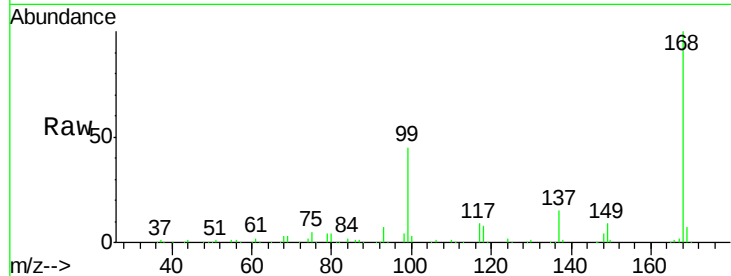
Tgt Ion:117 Resp: 21137

Ion Ratio Lower Upper

117 100

119 4.7 77.6 116.4#

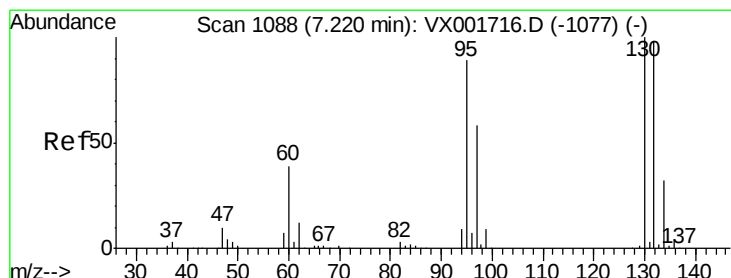
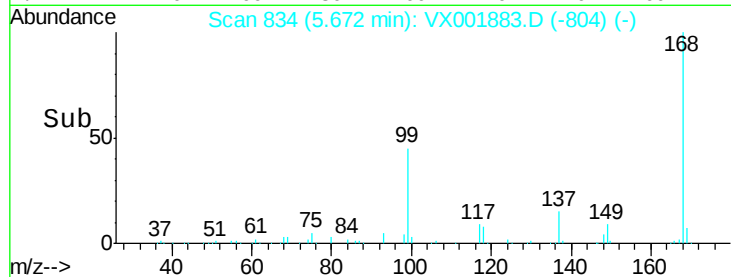
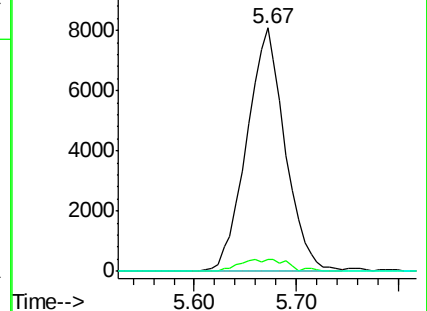
121 0.0 24.6 36.8#



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



#44

Trichloroethene

Concen: 3.32 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001883.D

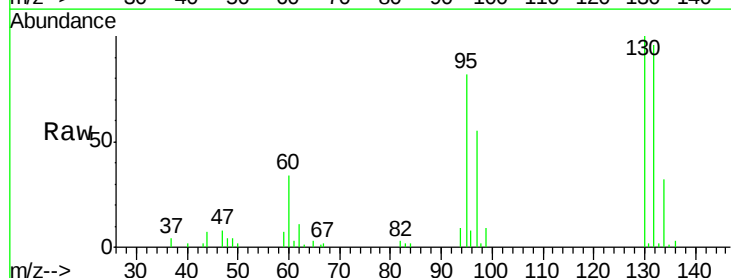
Acq: 21 May 2018 17:46

Tgt Ion:130 Resp: 12388

Ion Ratio Lower Upper

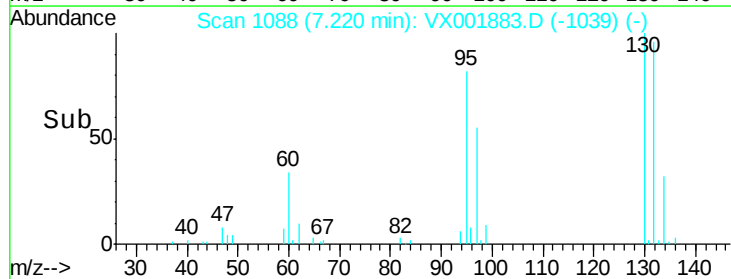
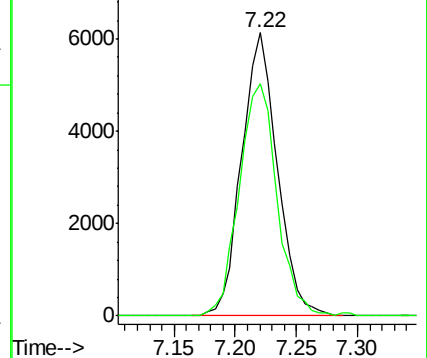
130 100

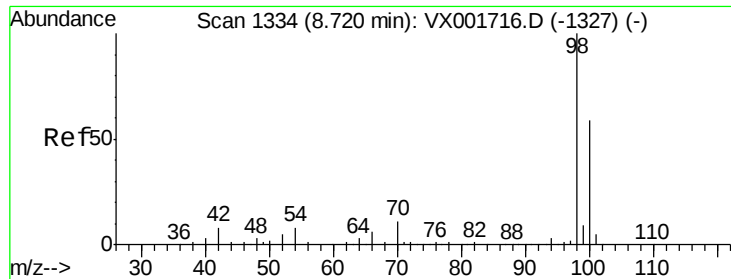
95 82.0 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 45.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

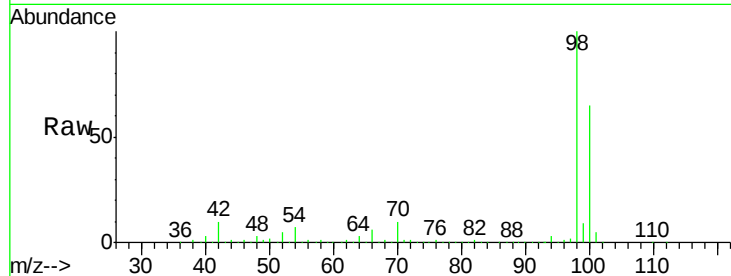
SS050MW052-180515

Tgt Ion: 98 Resp: 483980

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX001716.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001716.D (-1327) (-)

8.72

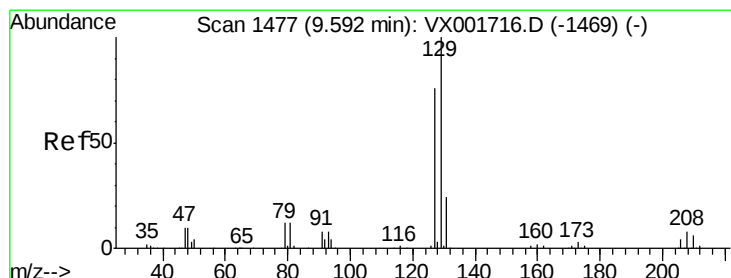
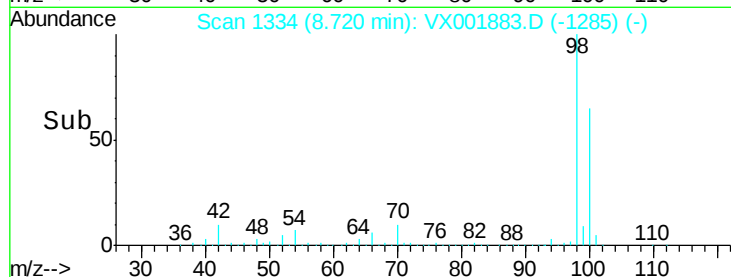
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#60

Dibromochloromethane

Concen: 20.18 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001883.D

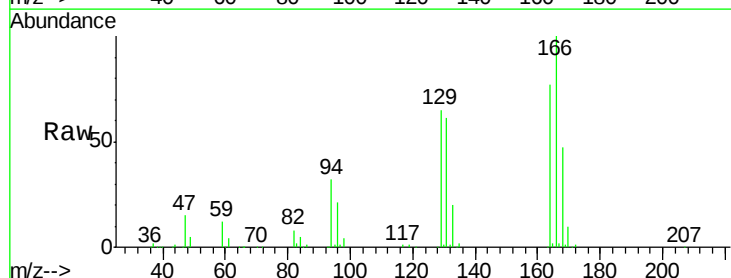
Acq: 21 May 2018 17:46

Tgt Ion: 129 Resp: 60975

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#



Abundance Ion 128.80 (128.50 to 129.50): VX001716.D (-1469) (-)

Ion 126.80 (126.50 to 127.50): VX001716.D (-1469) (-)

9.34

50000

40000

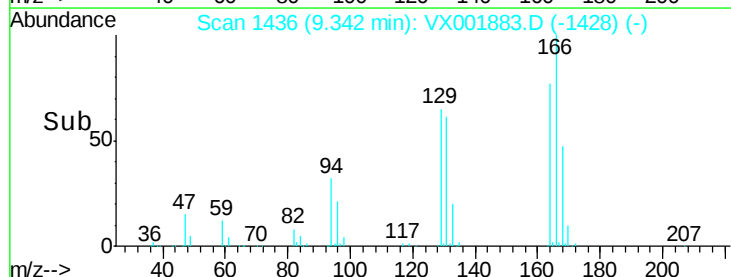
30000

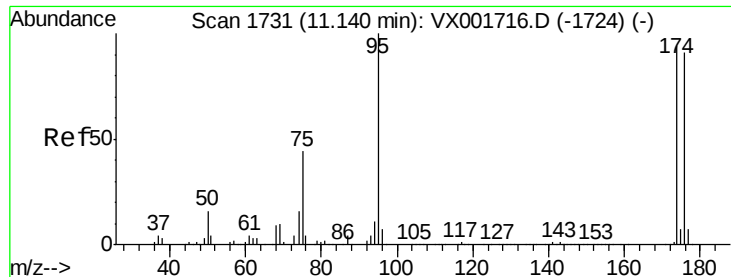
20000

10000

0

Time--> 9.25 9.30 9.35 9.40 9.45

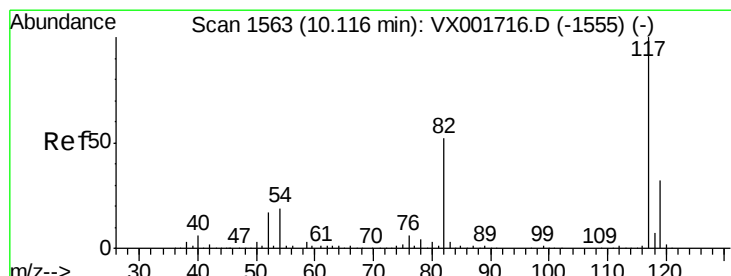
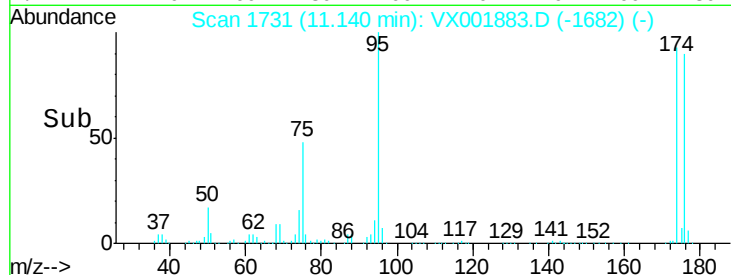
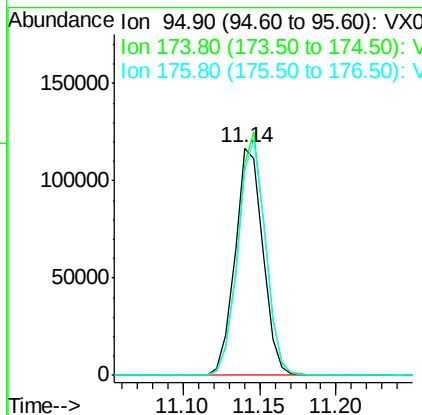
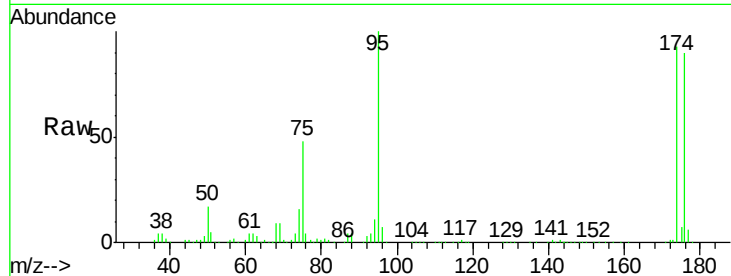




#62
4-Bromofluorobenzene
Concen: 38.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001883.D
Acq: 21 May 2018 17:46

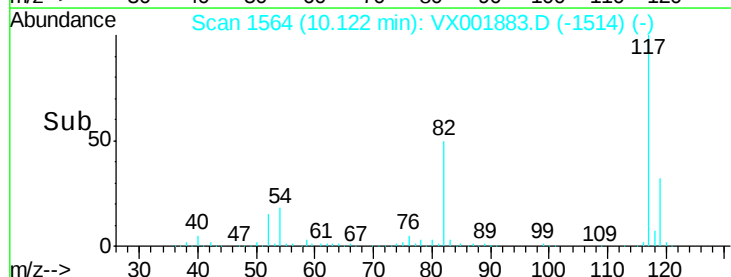
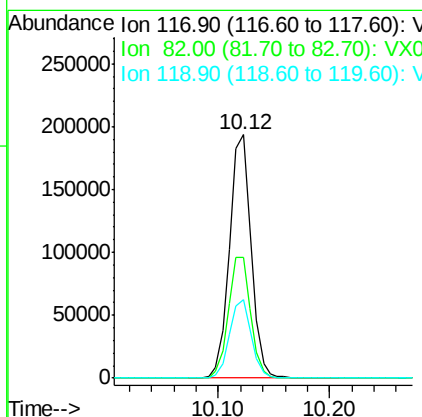
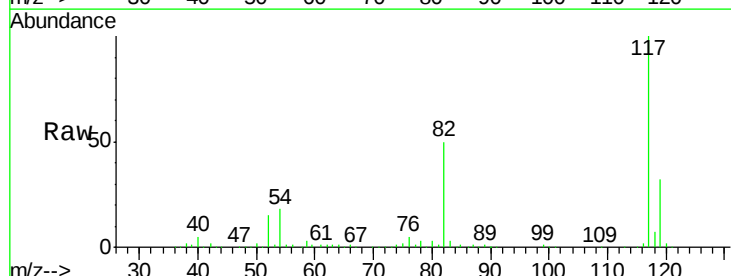
Instrument :
MSVOA_X
ClientSampleId :
SS050MW052-180515

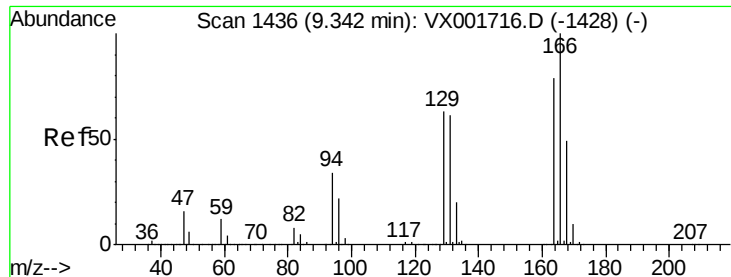
Tgt Ion: 95 Resp: 146978
Ion Ratio Lower Upper
95 100
174 104.7 0.0 201.8
176 102.1 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001883.D
Acq: 21 May 2018 17:46

Tgt Ion: 117 Resp: 260381
Ion Ratio Lower Upper
117 100
82 49.6 41.4 62.2
119 32.1 25.6 38.4

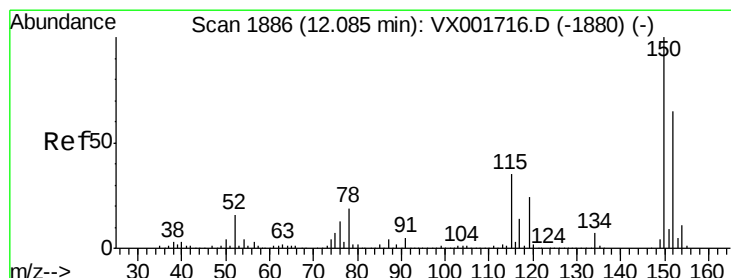
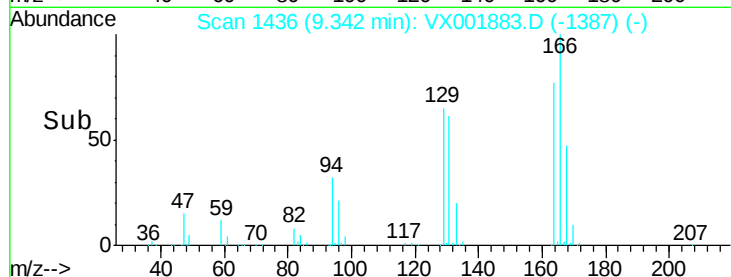
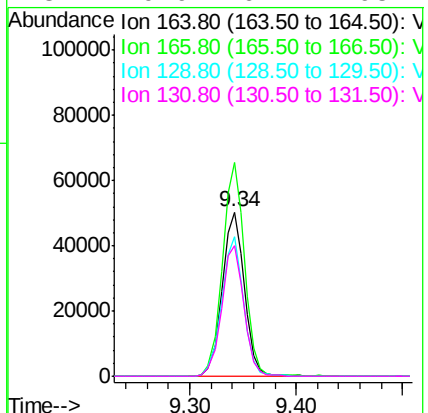
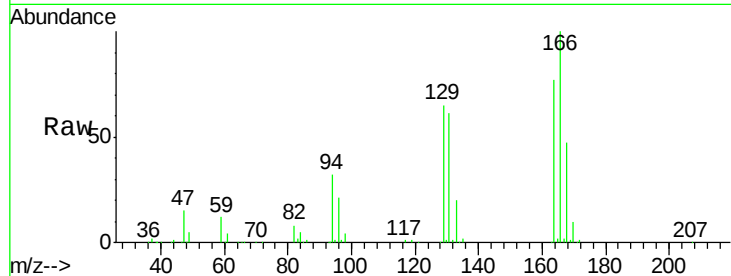




#64
Tetrachloroethene
Concen: 21.51 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001883.D
Acq: 21 May 2018 17:46

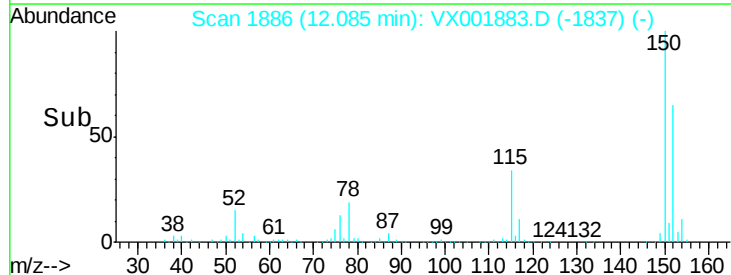
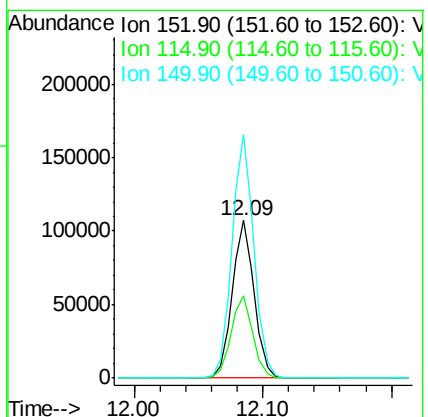
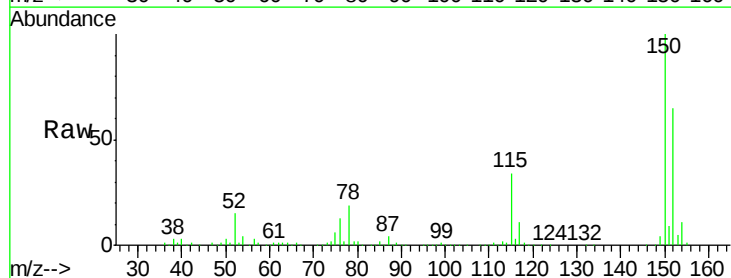
Instrument :
MSVOA_X
ClientSampleId :
SS050MW052-180515

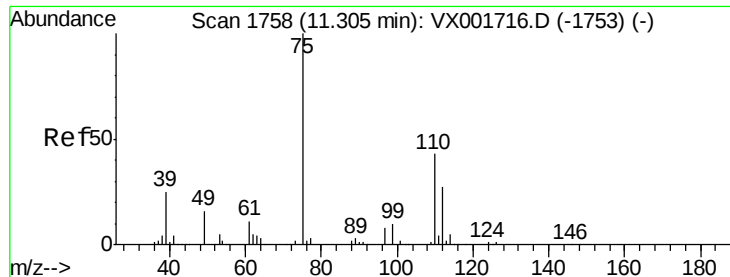
Tgt Ion:164 Resp: 72901
Ion Ratio Lower Upper
164 100
166 130.4 101.8 152.8
129 84.8 63.8 95.6
131 79.9 62.2 93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001883.D
Acq: 21 May 2018 17:46

Tgt Ion:152 Resp: 126724
Ion Ratio Lower Upper
152 100
115 52.0 37.4 112.2
150 155.2 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 28.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

Instrument :

MSVOA_X

ClientSampleId :

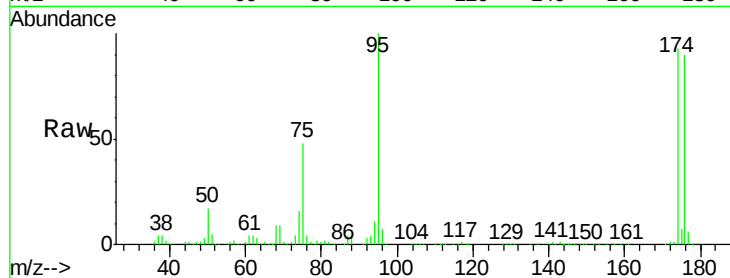
SS050MW052-180515

Tgt Ion: 75 Resp: 69496

Ion Ratio Lower Upper

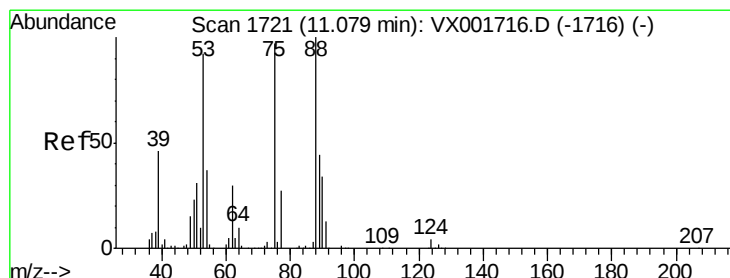
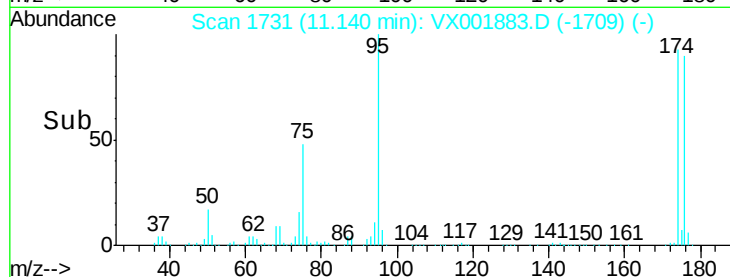
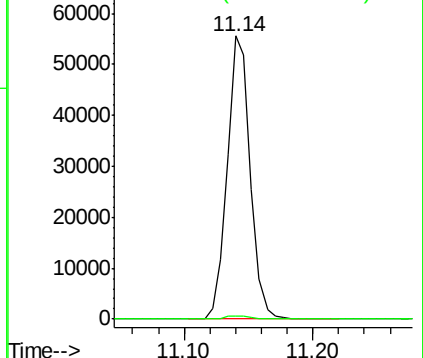
75 100

77 1.4 18.9 56.7#



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: 83.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001883.D

Acq: 21 May 2018 17:46

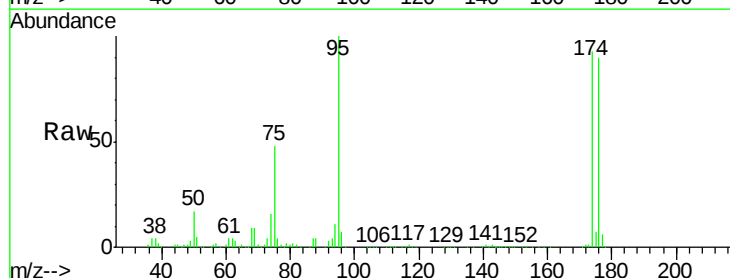
Tgt Ion: 75 Resp: 69496

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.2#

89 0.0 38.8 58.2#



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

