

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017682.D
 Acq On : 30 Jul 2020 14:26
 Operator : JC/SP
 Sample : L3514-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-12D

Quant Time: Jul 31 05:35:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	485642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	787441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	847732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	461270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	326259	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
35) Dibromofluoromethane	5.47	113	272383	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	8.70	98	992316	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.12	95	436097	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	2201	Below Cal		73
3) Chloromethane	1.31	50	1765	0.659 ug/l #		84
4) Vinyl Chloride	1.39	62	11362	1.859 ug/l		89
5) Bromomethane	1.64	94	962	Below Cal #		25
6) Chloroethane	1.72	64	929	Below Cal #		88
8) Diethyl Ether	2.17	74	3440	Below Cal		92
11) Tert butyl alcohol	3.01	59	1467	1.116 ug/l #		61
12) 1,1-Dichloroethene	2.36	96	1771	0.353 ug/l #		70
13) Acrolein	2.28	56	517	4.655 ug/l #		56
16) Acetone	2.42	43	3923	1.429 ug/l		97
18) Methyl Acetate	2.76	43	2046	0.316 ug/l #		80
20) Methylene Chloride	2.82	84	2404	Below Cal #		49
21) trans-1,2-Dichloroethene	3.15	96	1763	0.328 ug/l #		41
24) 1,1-Dichloroethane	3.67	63	69941	7.250 ug/l #		96
25) 2-Butanone	4.64	43	921	0.236 ug/l #		52
27) cis-1,2-Dichloroethene	4.57	96	35047	6.005 ug/l		86
29) Tetrahydrofuran	5.10	42	5824	2.411 ug/l #		65
30) Chloroform	5.18	83	12662	1.284 ug/l		92
36) 1,1-Dichloropropene	5.63	75	35613	4.716 ug/l #		52
38) Carbon Tetrachloride	5.64	117	49283	5.374 ug/l #		18
40) Benzene	6.12	78	8636	0.399 ug/l #		83
42) 1,2-Dichloroethane	6.17	62	6363	0.718 ug/l		97
44) Trichloroethene	7.19	130	6314	0.998 ug/l		80
49) 1,4-Dioxane	7.73	88	3755	28.980 ug/l		94
60) Dibromochloromethane	9.32	129	6049	0.823 ug/l #		12
64) Tetrachloroethene	9.32	164	5708	0.750 ug/l		92
65) Chlorobenzene	10.12	112	602867	32.855 ug/l		98
76) 1,2,3-Trichloropropane	11.12	75	218516	23.029 ug/l #		34
79) 2-Chlorotoluene	11.40	91	30172	1.365 ug/l		98
81) trans-1,4-Dichloro-2-buten	11.12	75	218516	58.029 ug/l #		12
87) 1,3-Dichlorobenzene	12.01	146	50792	3.339 ug/l		100
88) 1,4-Dichlorobenzene	12.08	146	187420	11.894 ug/l		98
91) 1,2-Dichlorobenzene	12.38	146	110991	7.423 ug/l		100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	406	2.714 ug/l #		11

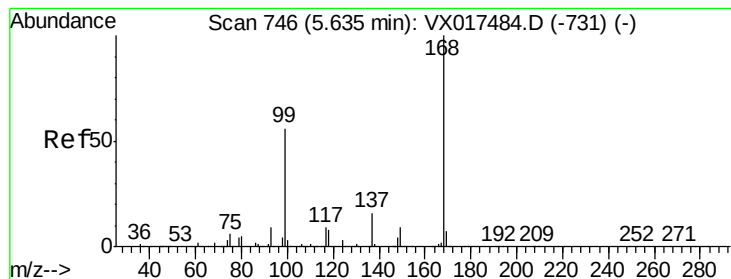
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
Data File : VX017682.D
Acq On : 30 Jul 2020 14:26
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

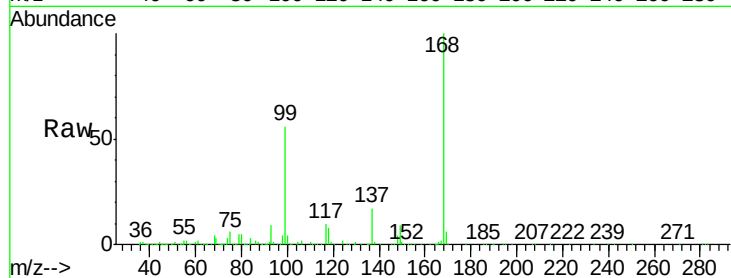
RW-12D

Tot Ion:168 Resp: 485642

Ion Ratio Lower Upper

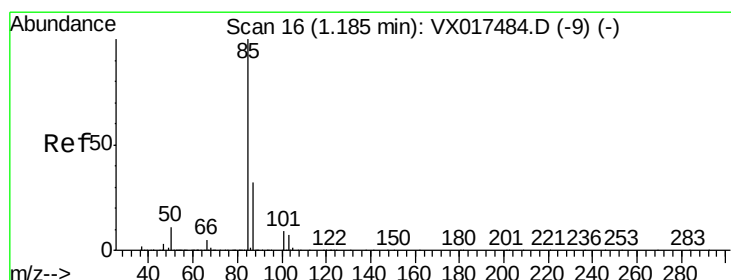
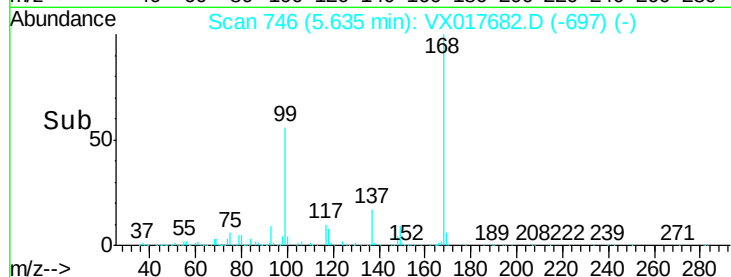
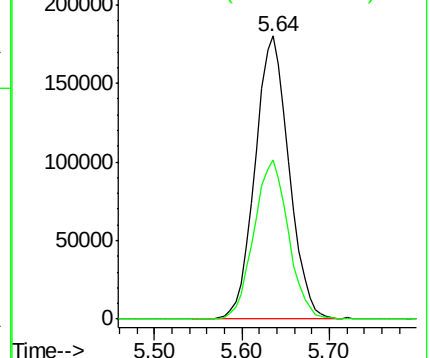
168 100

99 56.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017682.D

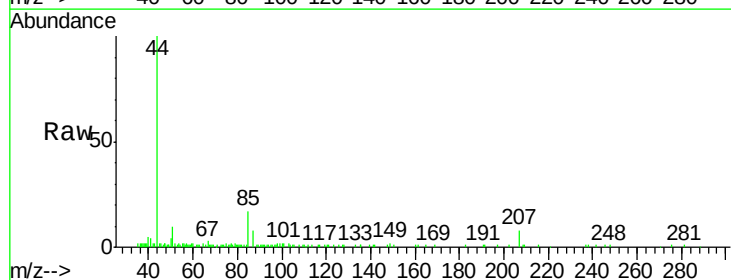
Acq: 30 Jul 2020 14:26

Tgt Ion: 85 Resp: 2201

Ion Ratio Lower Upper

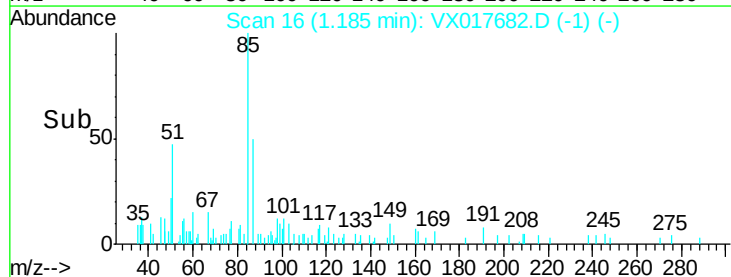
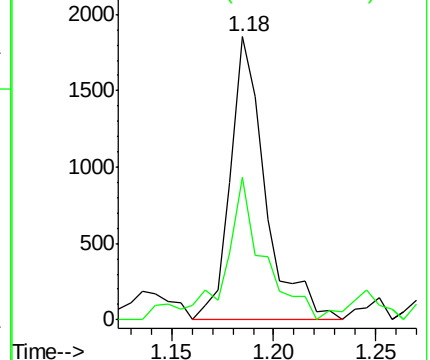
85 100

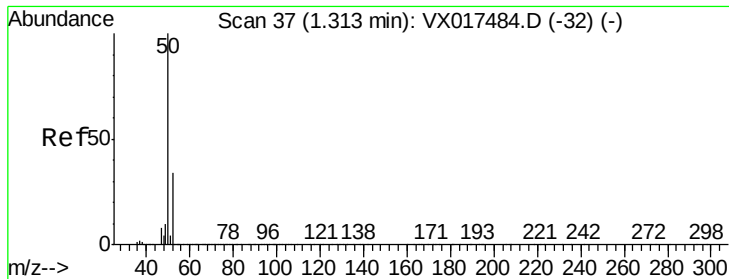
87 47.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.659 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

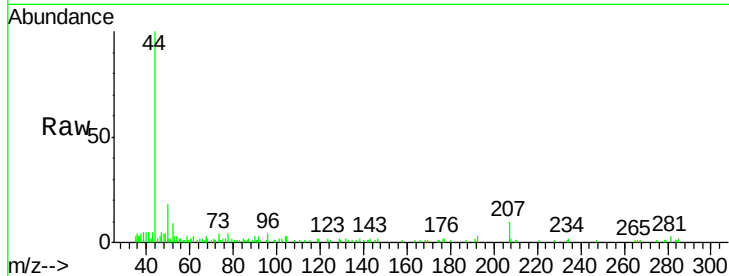
RW-12D

Tot Ion: 50 Resp: 1765

Ion Ratio Lower Upper

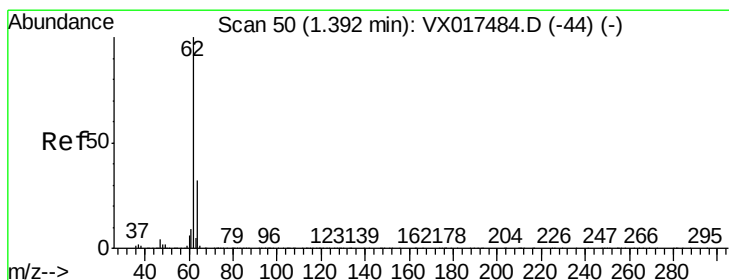
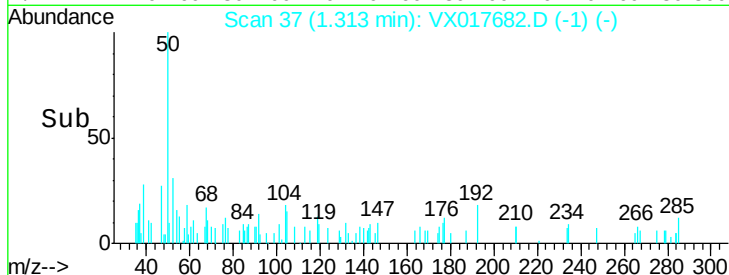
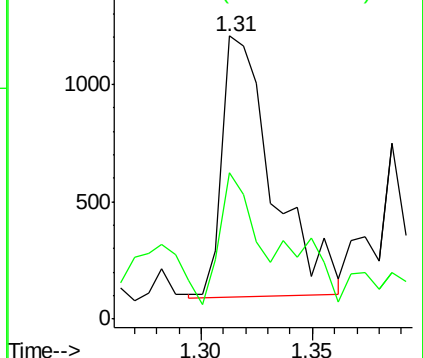
50 100

52 41.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.859 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017682.D

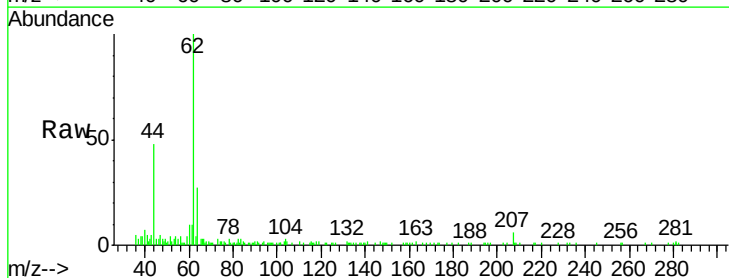
Acq: 30 Jul 2020 14:26

Tgt Ion: 62 Resp: 11362

Ion Ratio Lower Upper

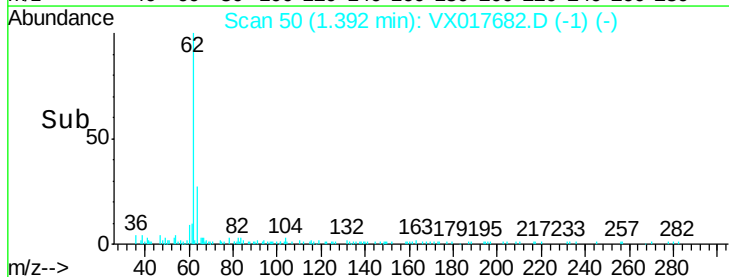
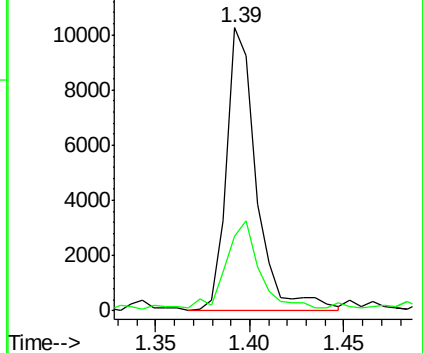
62 100

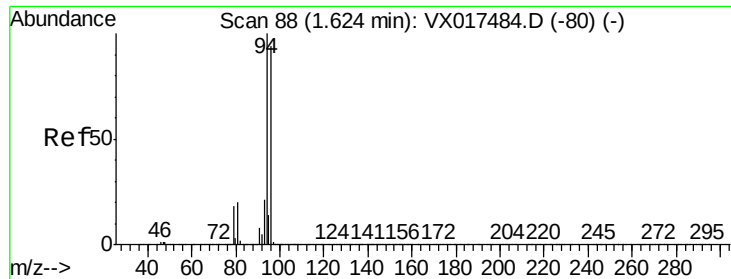
64 25.3 25.2 37.8



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: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampled :

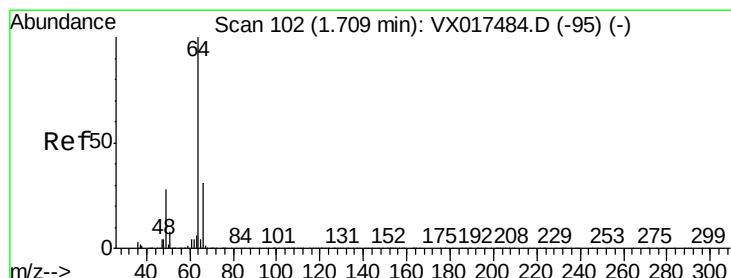
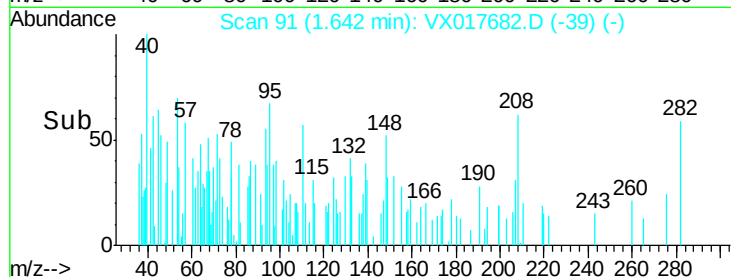
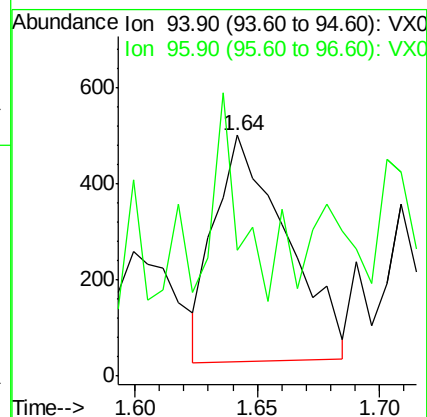
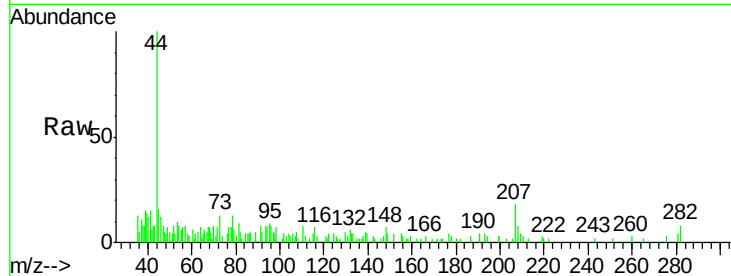
RW-12D

Tot Ion: 94 Resp: 962

Ion Ratio Lower Upper

94 100

96 20.5 74.1 111.1#



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017682.D

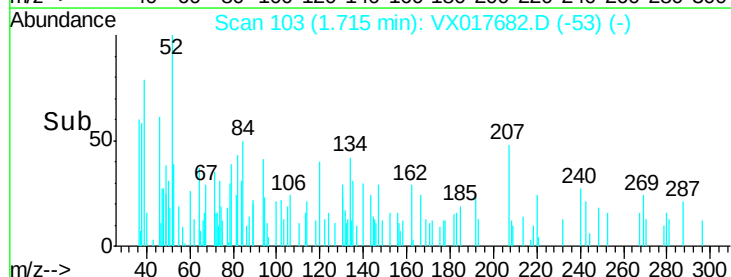
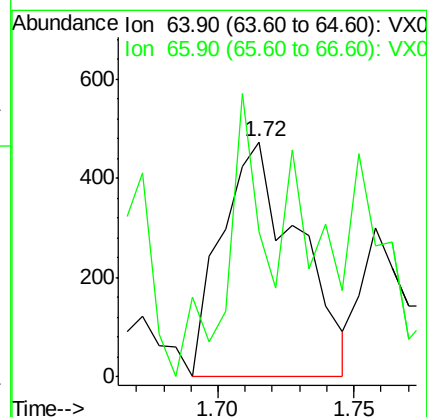
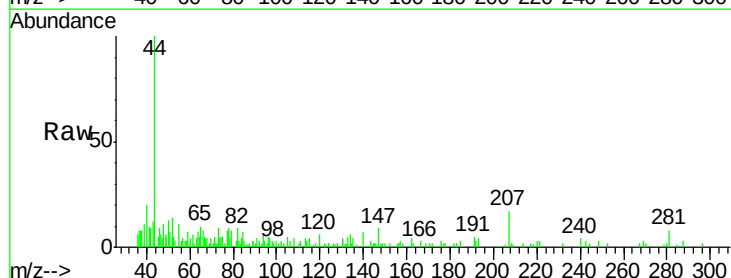
Acq: 30 Jul 2020 14:26

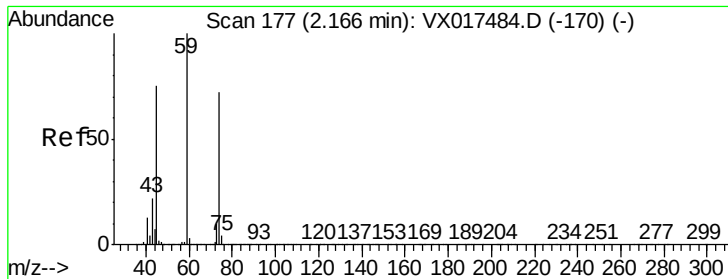
Tgt Ion: 64 Resp: 929

Ion Ratio Lower Upper

64 100

66 24.7 24.9 37.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampled :

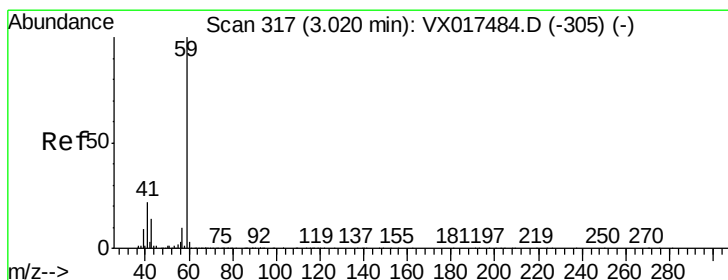
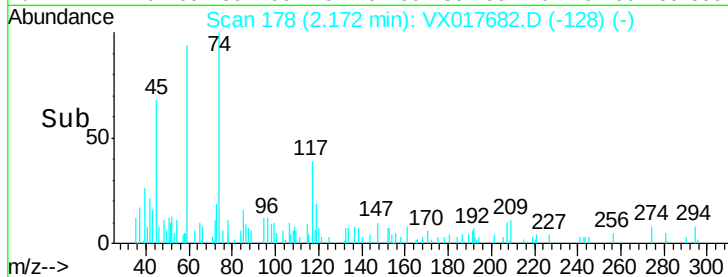
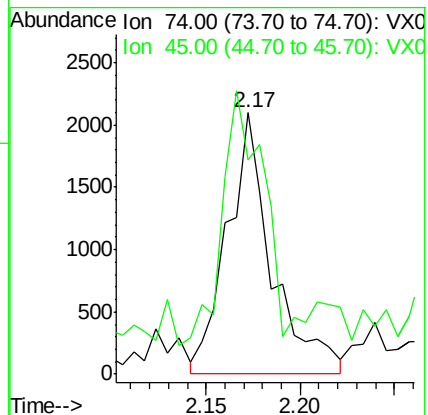
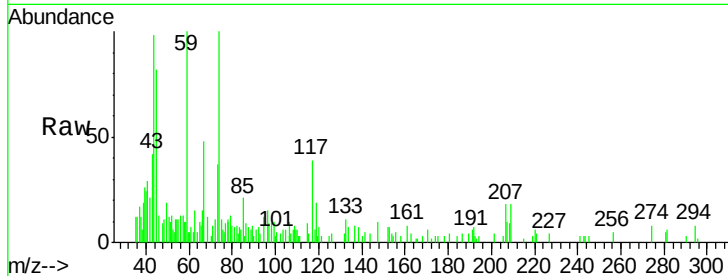
RW-12D

Tot Ion: 74 Resp: 3440

Ion Ratio Lower Upper

74 100

45 93.5 50.8 152.5



#11

Tert butyl alcohol

Concen: 1.116 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017682.D

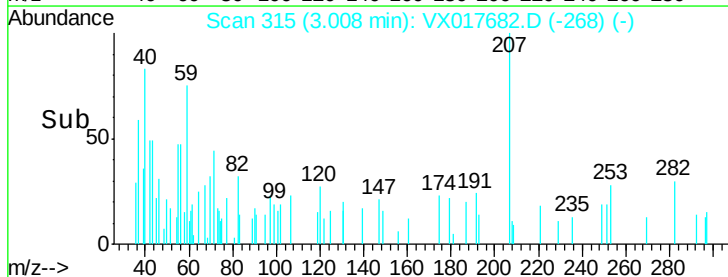
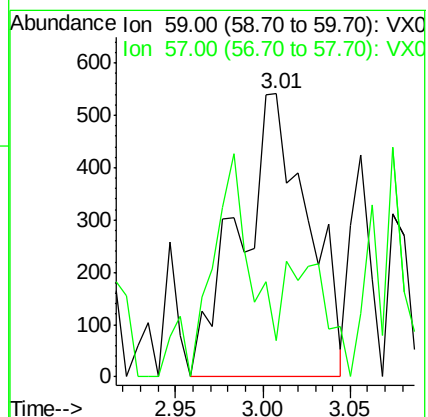
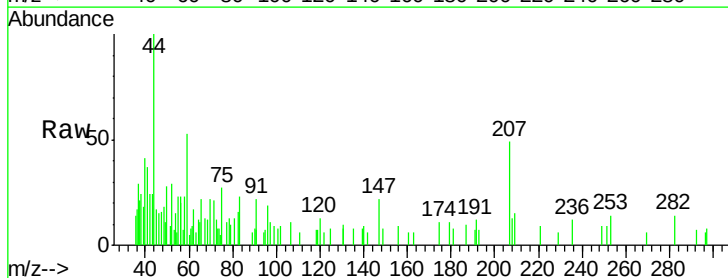
Acq: 30 Jul 2020 14:26

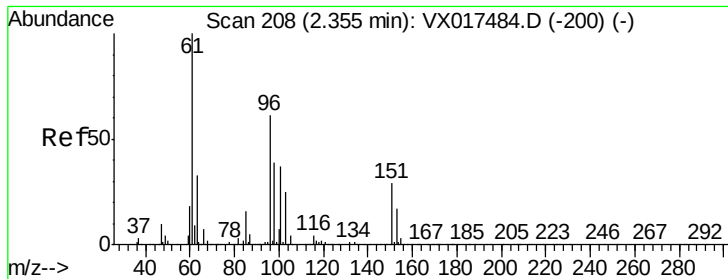
Tgt Ion: 59 Resp: 1467

Ion Ratio Lower Upper

59 100

57 25.5 8.6 12.8#





#12

1,1-Dichloroethene

Concen: 0.353 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

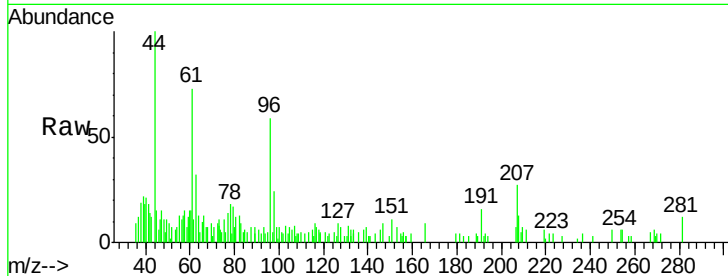
Tot Ion: 96 Resp: 1771

Ion Ratio Lower Upper

96 100

61 123.4 134.0 201.0#

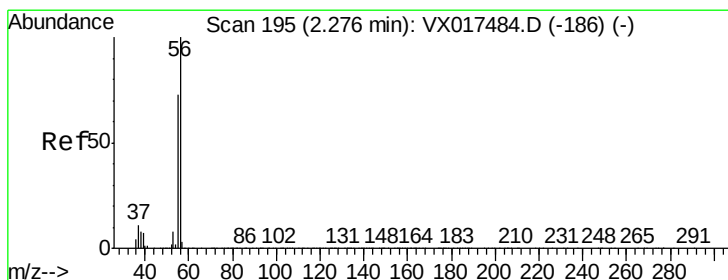
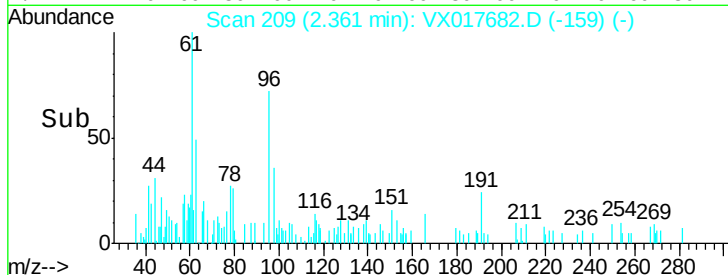
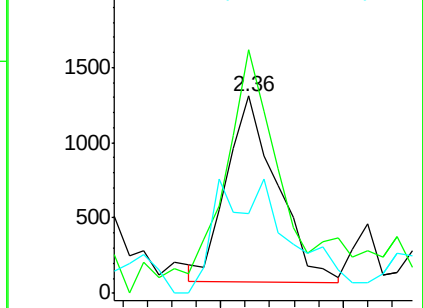
98 44.2 51.0 76.4#



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



#13

Acrolein

Concen: 4.655 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX017682.D

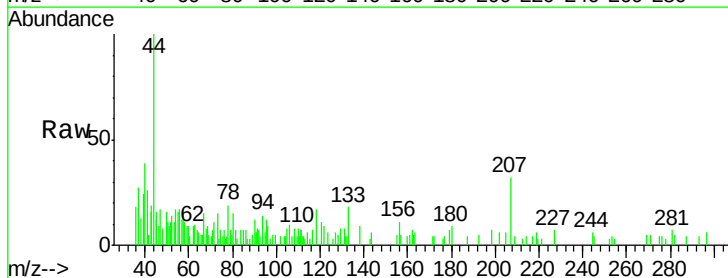
Acq: 30 Jul 2020 14:26

Tgt Ion: 56 Resp: 517

Ion Ratio Lower Upper

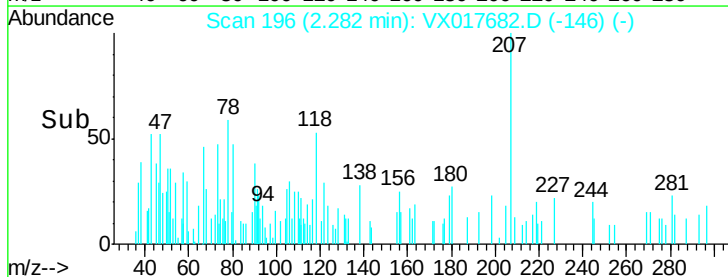
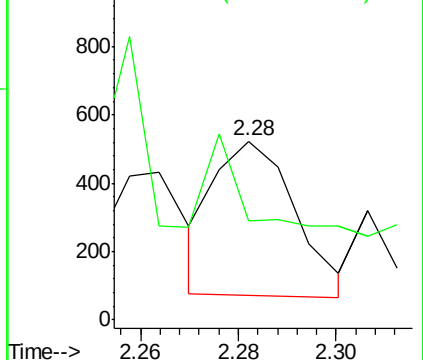
56 100

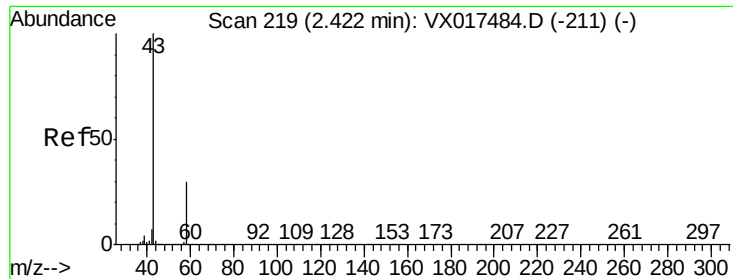
55 35.4 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

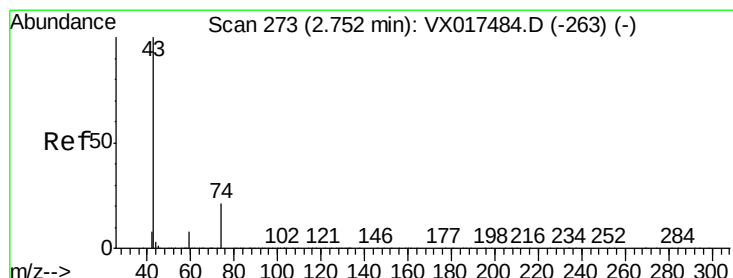
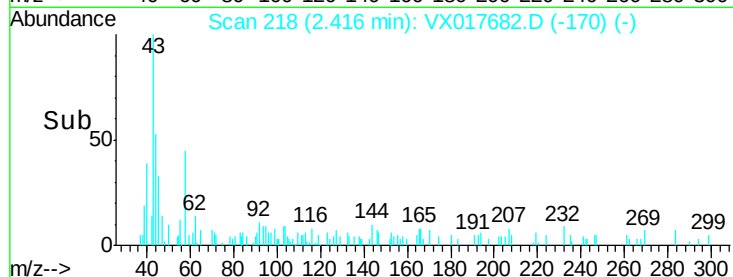
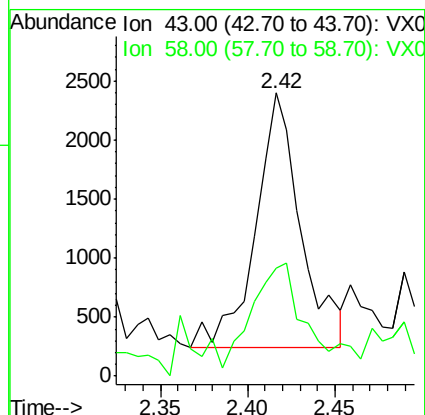
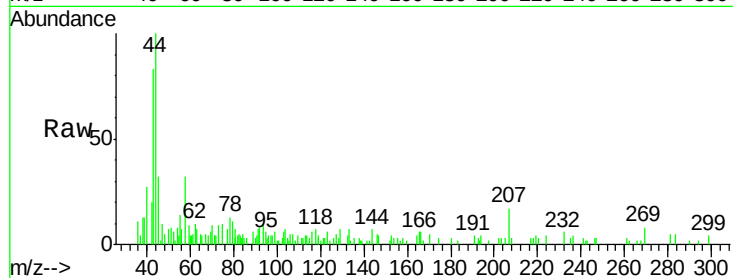




#16
Acetone
Concen: 1.429 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

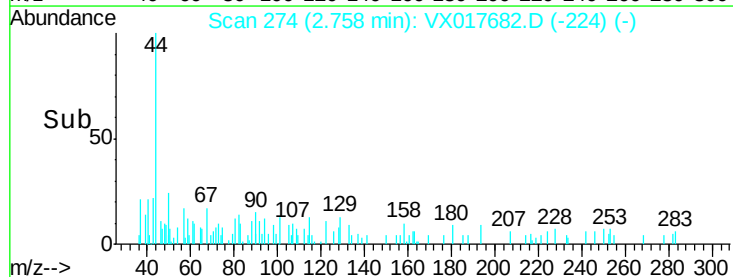
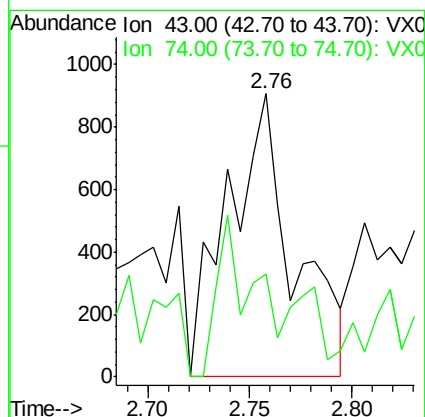
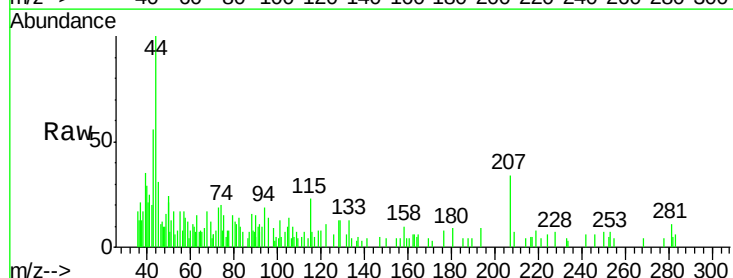
Instrument :
MSVOA_X
ClientSampleId :
RW-12D

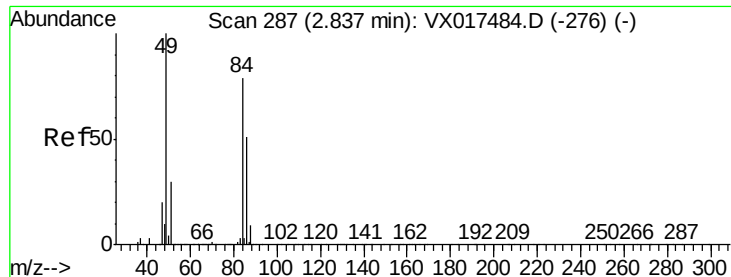
Tot Ion: 43 Resp: 3923
Ion Ratio Lower Upper
43 100
58 31.8 24.2 36.4



#18
Methyl Acetate
Concen: 0.316 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

Tgt Ion: 43 Resp: 2046
Ion Ratio Lower Upper
43 100
74 31.5 17.5 26.3#

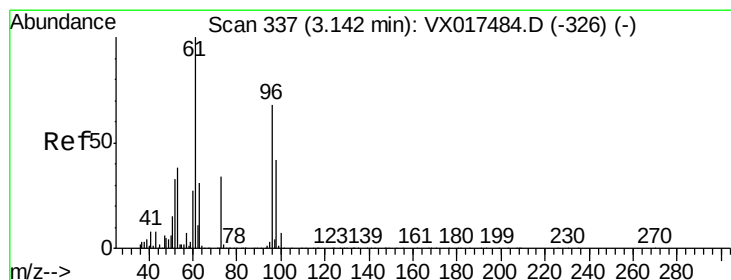
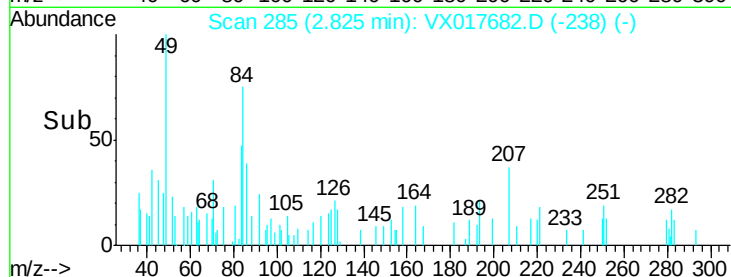
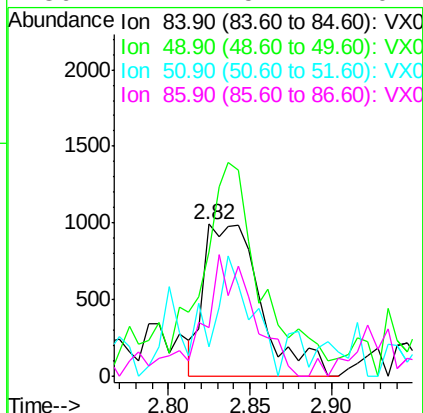
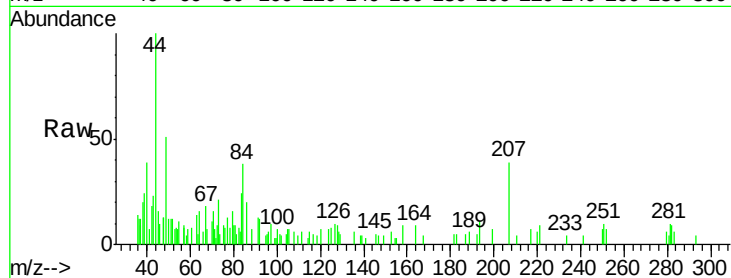




#20
Methylene Chloride
Concen: Below Cal
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

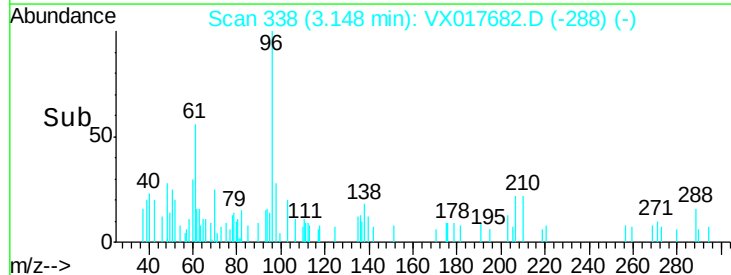
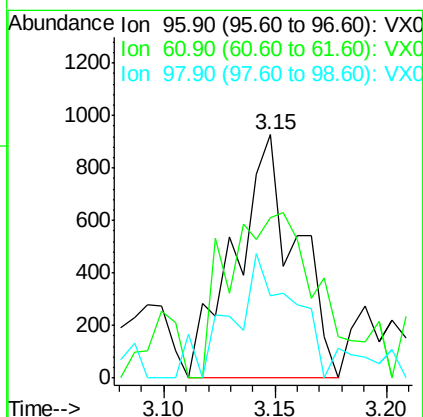
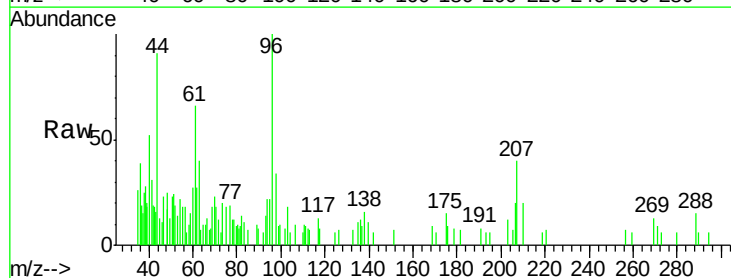
Instrument :
MSVOA_X
ClientSampled :
RW-12D

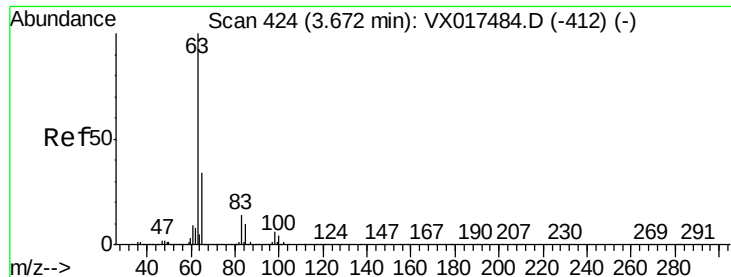
Tot Ion: 84 Resp: 2404
Ion Ratio Lower Upper
84 100
49 70.4 100.3 150.5#
51 5.1 30.5 45.7#
86 21.2 51.1 76.7#



#21
trans-1,2-Dichloroethene
Concen: 0.328 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

Tgt Ion: 96 Resp: 1763
Ion Ratio Lower Upper
96 100
61 65.9 113.0 169.4#
98 21.5 51.8 77.8#





#24

1,1-Dichloroethane

Concen: 7.250 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

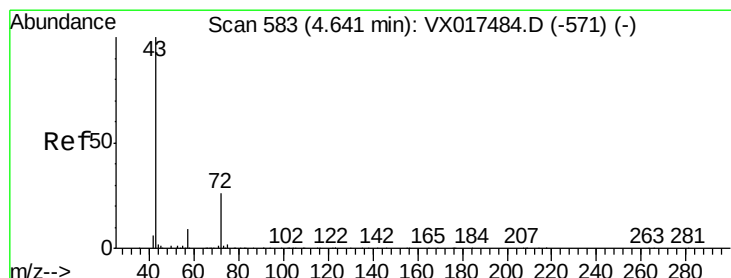
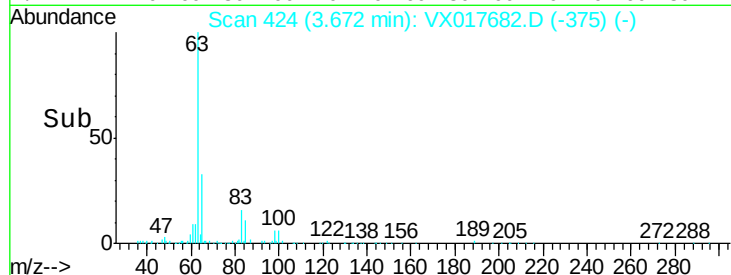
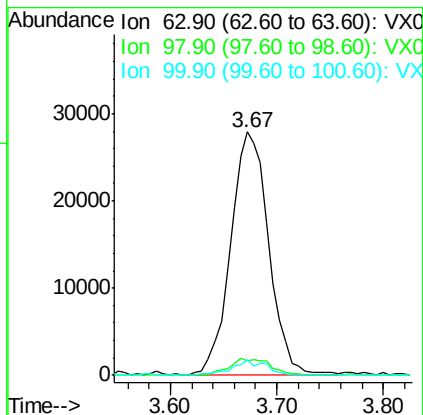
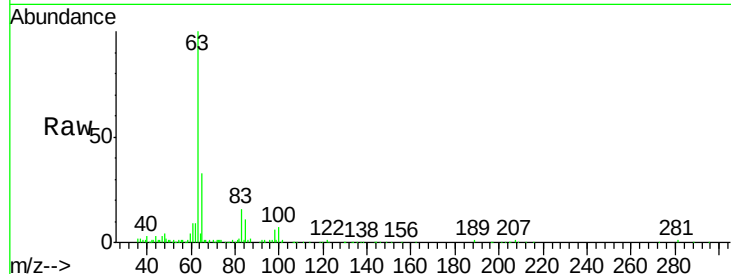
Tot Ion: 63 Resp: 69941

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 6.5 1.9 5.7#



#25

2-Butanone

Concen: 0.236 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017682.D

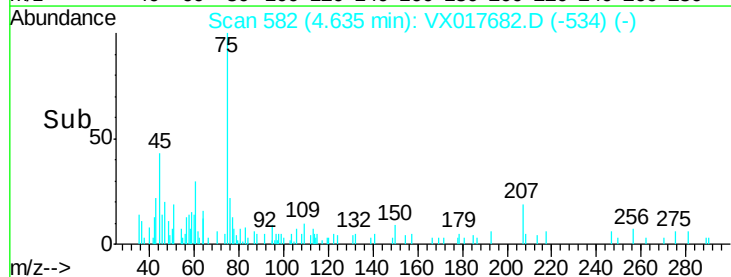
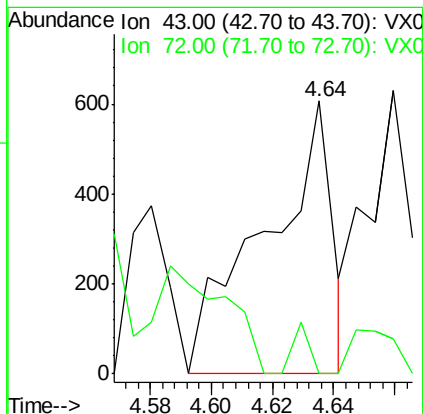
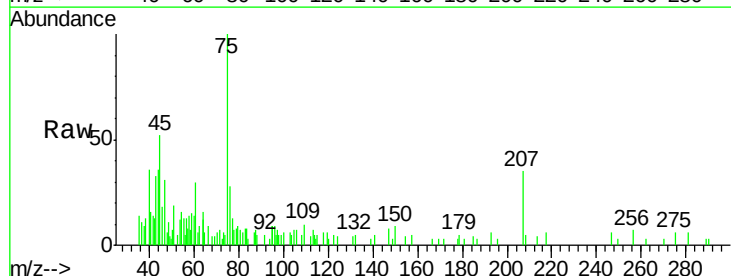
Acq: 30 Jul 2020 14:26

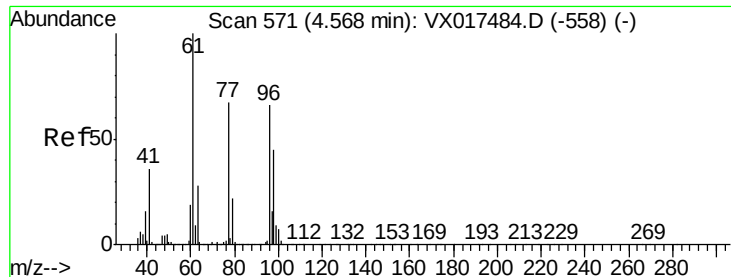
Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

43 100

72 0.0 19.0 28.4#



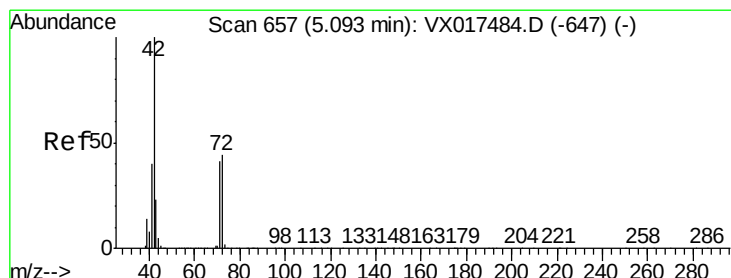
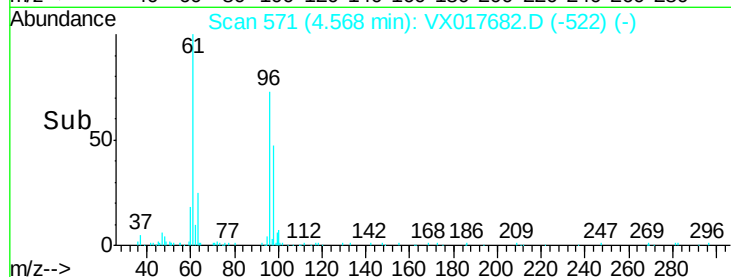
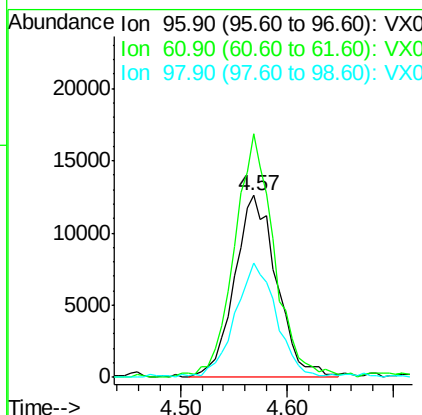
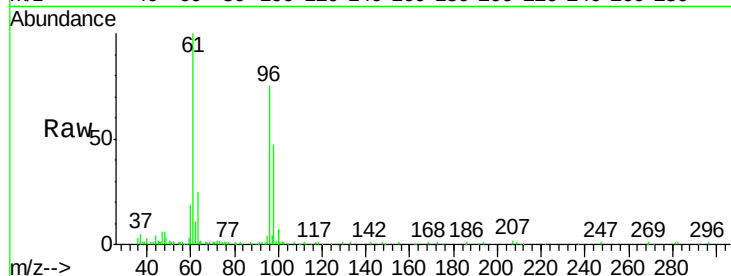


#27

cis-1,2-Dichloroethene
 Concen: 6.005 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX017682.D
 Acq: 30 Jul 2020 14:26

Instrument :
 MSVOA_X
 ClientSampled :
 RW-12D

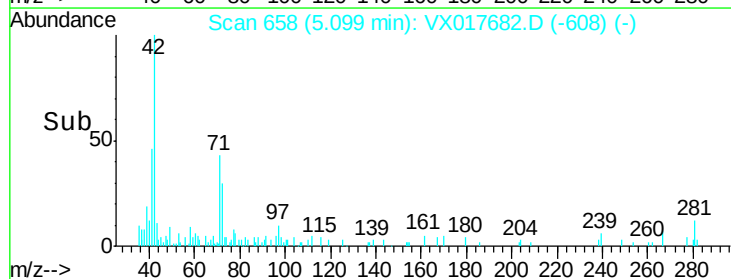
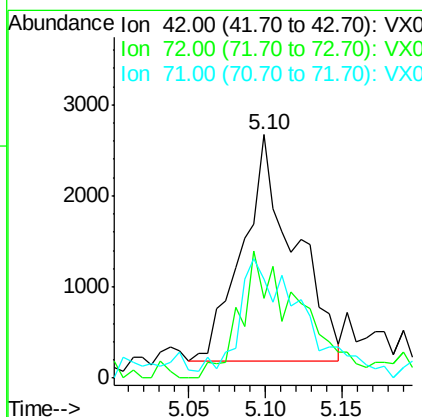
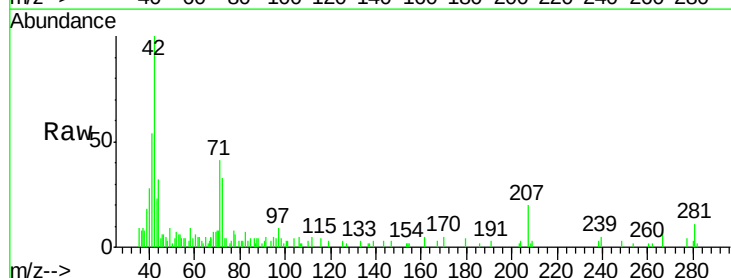
Tot Ion	96	Resp	35047
Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	301.2
98	61.6	0.0	130.0

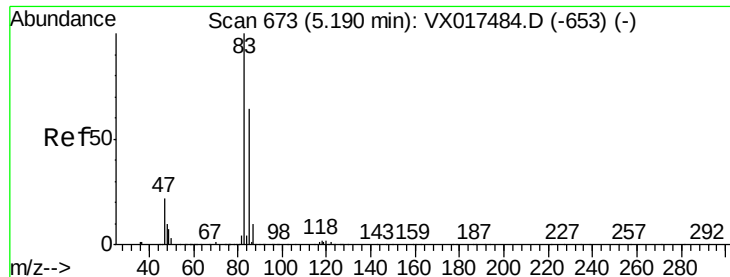


#29

Tetrahydrofuran
 Concen: 2.411 ug/l
 RT: 5.10 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VX017682.D
 Acq: 30 Jul 2020 14:26

Tgt Ion	42	Resp	5824
Ion	Ratio	Lower	Upper
42	100		
72	64.3	35.5	53.3#
71	66.3	33.0	49.4#

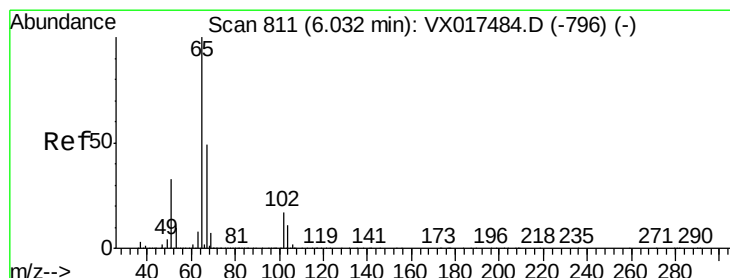
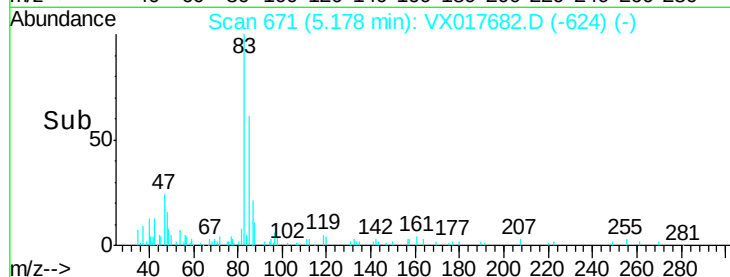
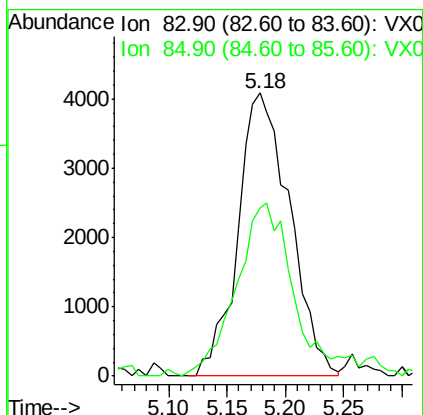
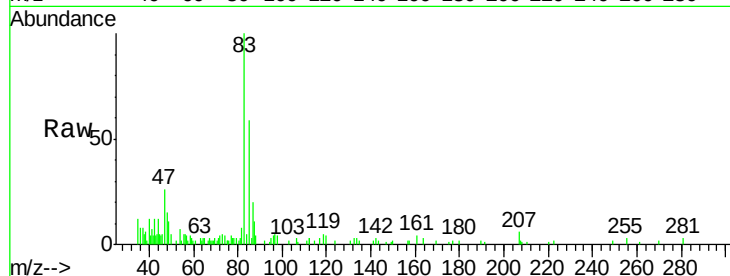




#30
Chloroform
Concen: 1.284 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

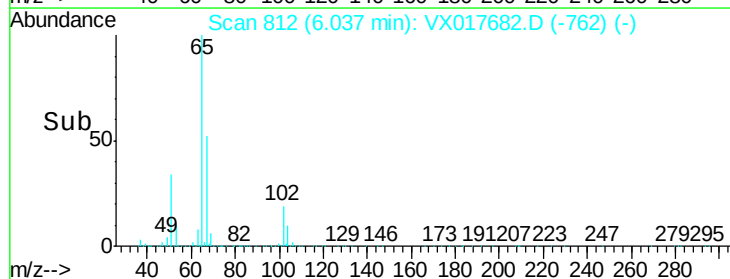
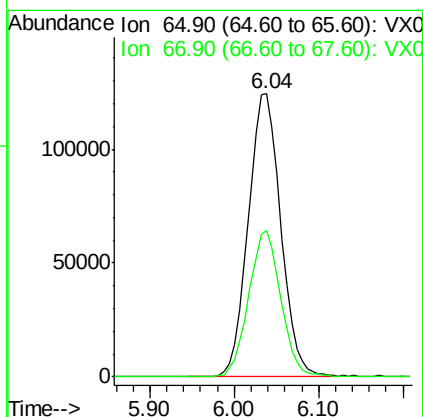
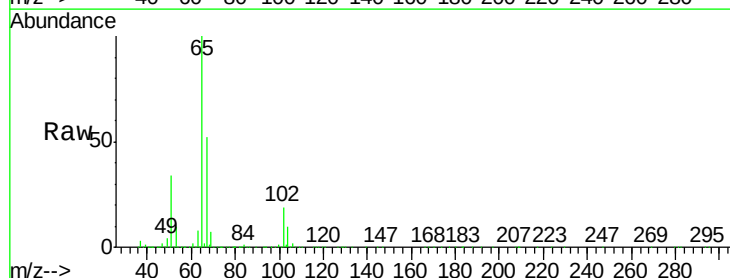
Instrument :
MSVOA_X
ClientSampleId :
RW-12D

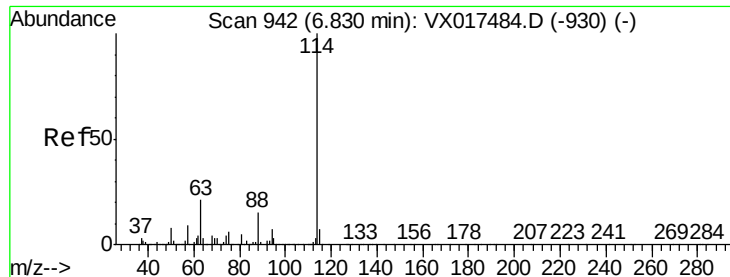
Tot Ion: 83 Resp: 12662
Ion Ratio Lower Upper
83 100
85 58.1 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 52.299 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

Tgt Ion: 65 Resp: 326259
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.8

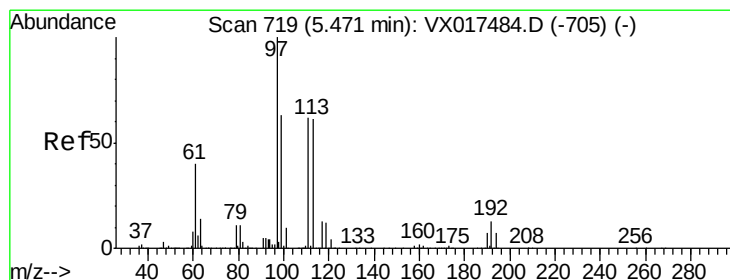
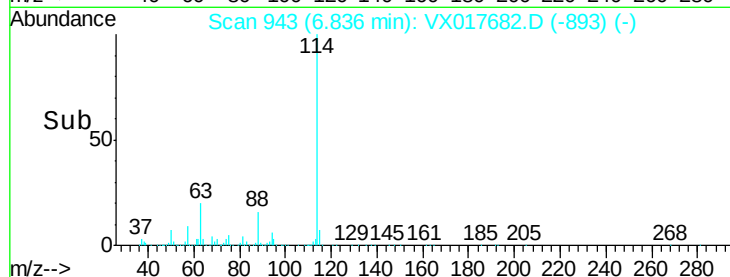
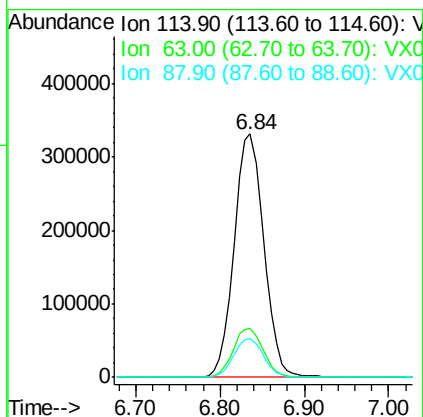
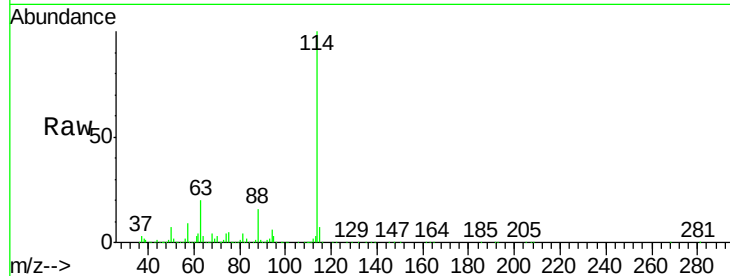




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

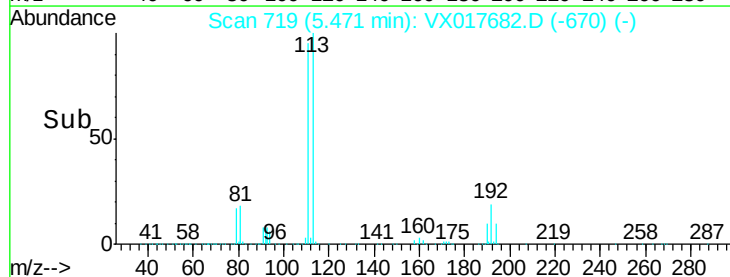
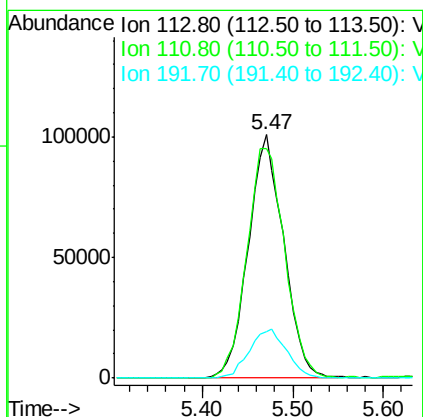
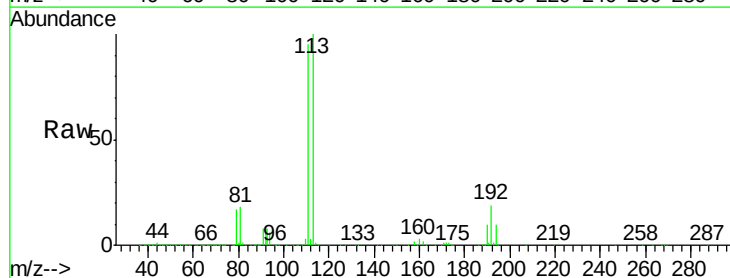
Instrument :
MSVOA_X
ClientSampleId :
RW-12D

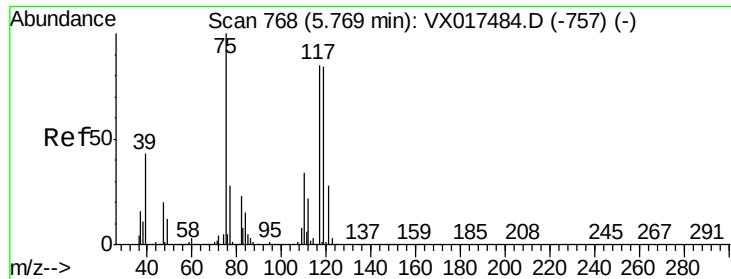
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.6
88	15.8	0.0	33.4



#35
Dibromofluoromethane
Concen: 51.720 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.7	121.1
192	21.3	16.9	25.3

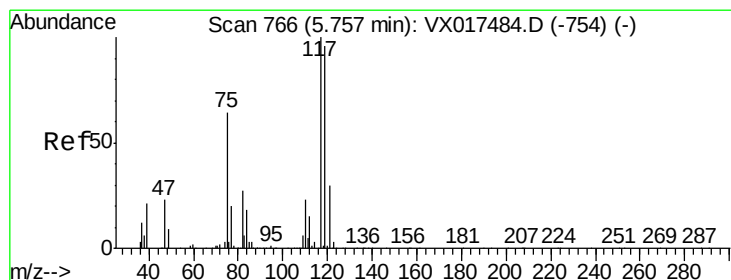
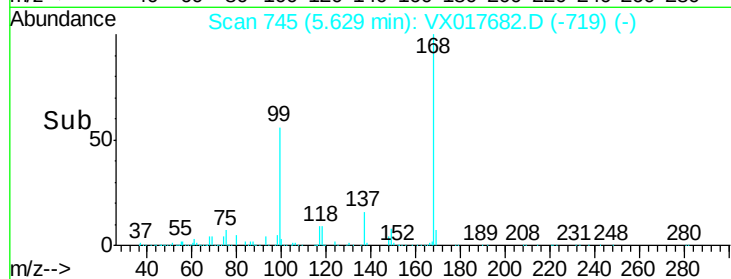
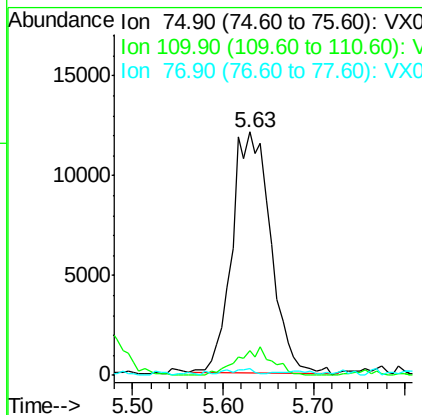
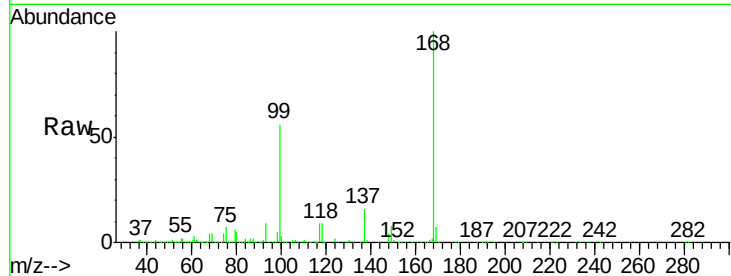




#36
 1,1-Dichloropropene
 Concen: 4.716 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017682.D
 Acq: 30 Jul 2020 14:26

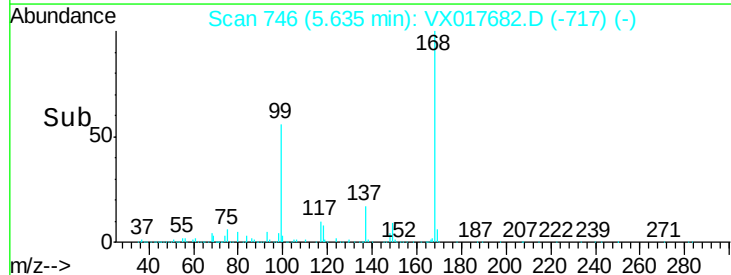
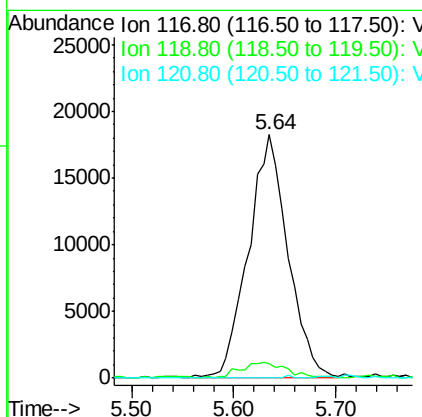
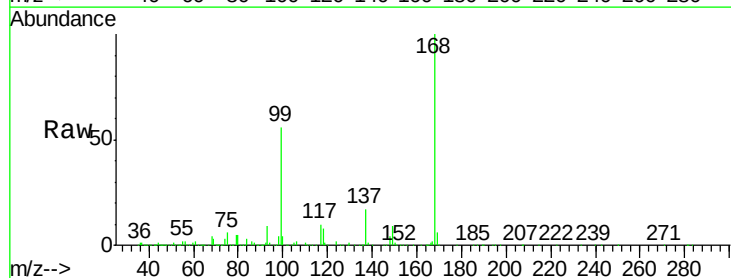
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-12D

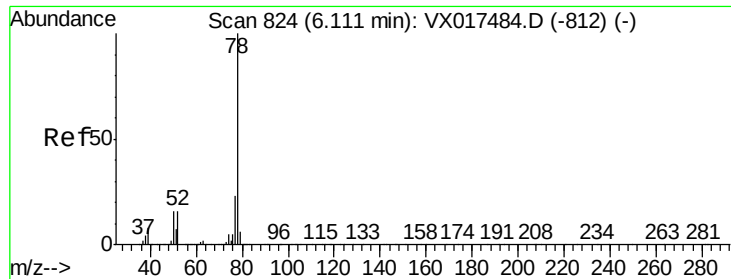
Tot Ion: 75 Resp: 35613
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.1 54.3#
 77 1.9 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.374 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX017682.D
 Acq: 30 Jul 2020 14:26

Tgt Ion: 117 Resp: 49283
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.4 113.0#
 121 0.0 24.3 36.5#





#40

Benzene

Concen: 0.399 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampled :

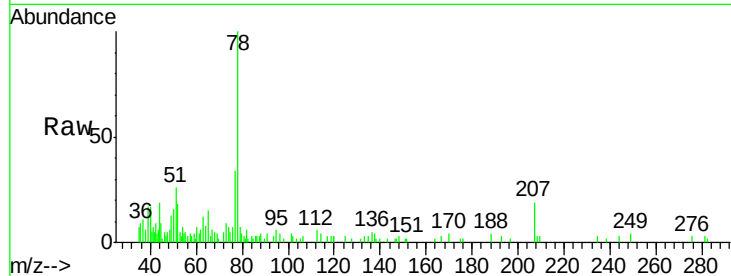
RW-12D

Tot Ion: 78 Resp: 8636

Ion Ratio Lower Upper

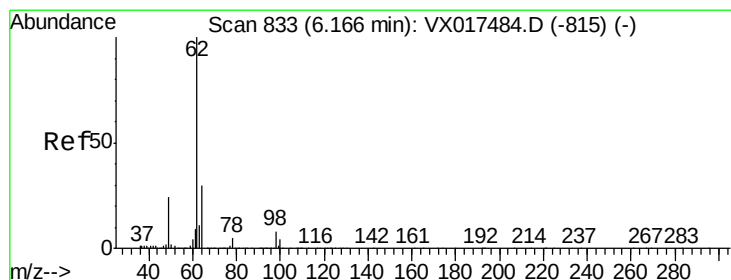
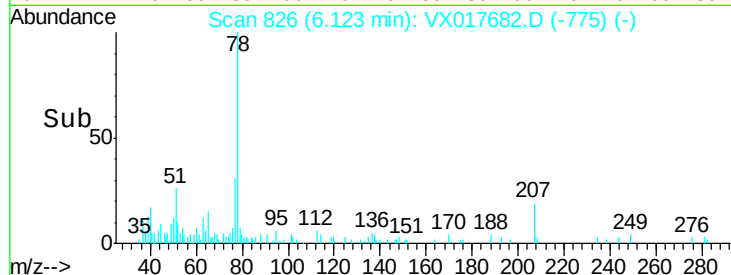
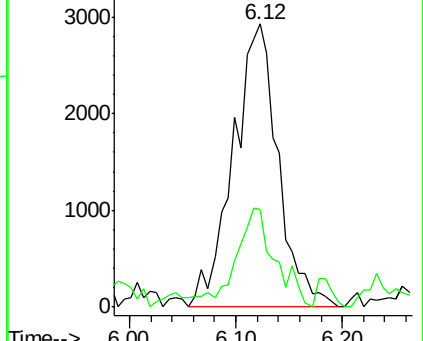
78 100

77 32.5 19.4 29.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.718 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017682.D

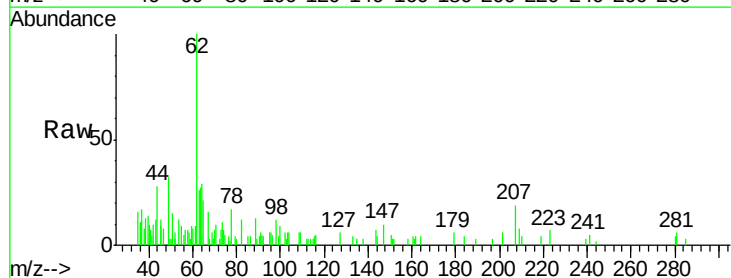
Acq: 30 Jul 2020 14:26

Tgt Ion: 62 Resp: 6363

Ion Ratio Lower Upper

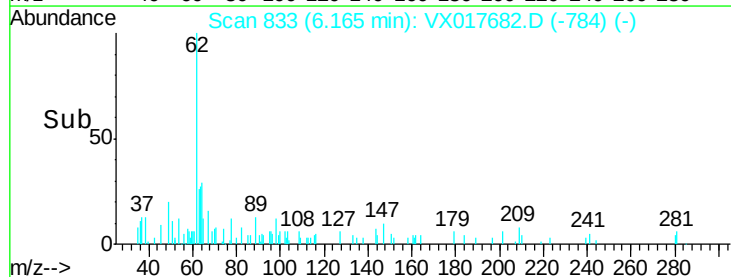
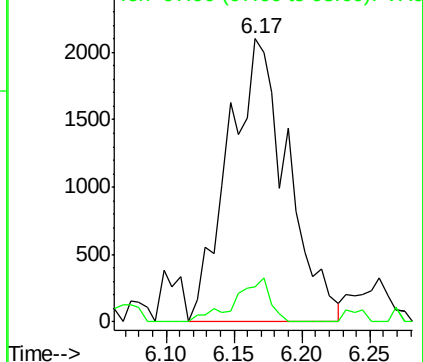
62 100

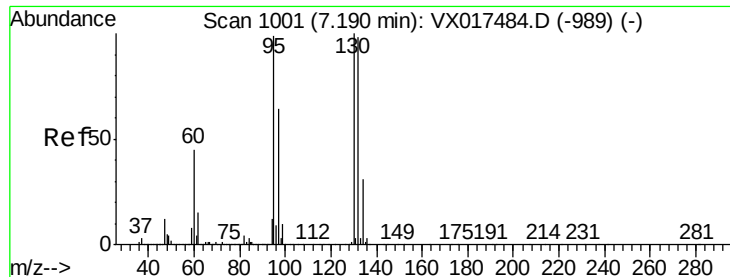
98 9.1 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.998 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

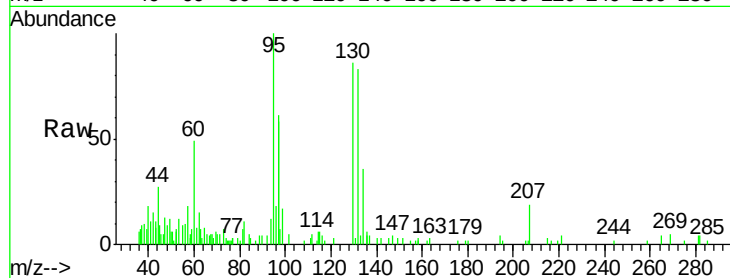
RW-12D

Tot Ion:130 Resp: 6314

Ion Ratio Lower Upper

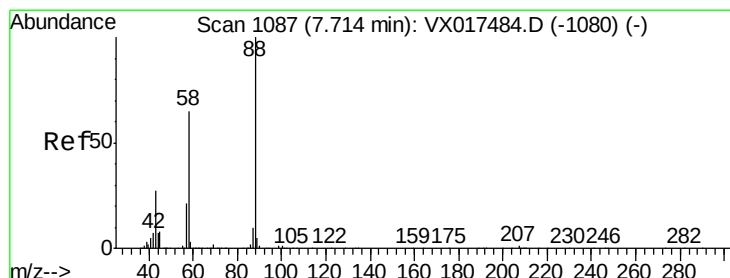
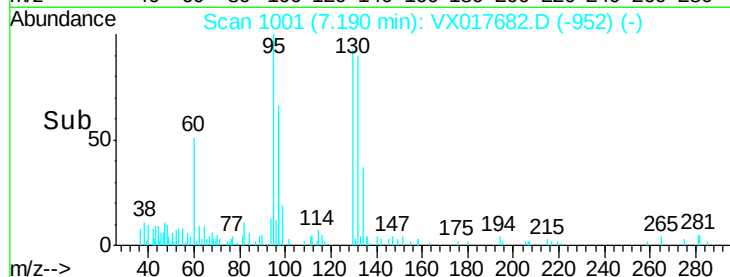
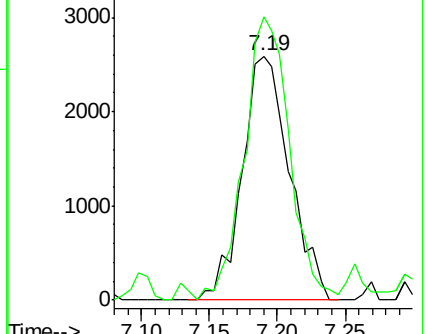
130 100

95 113.6 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 28.980 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

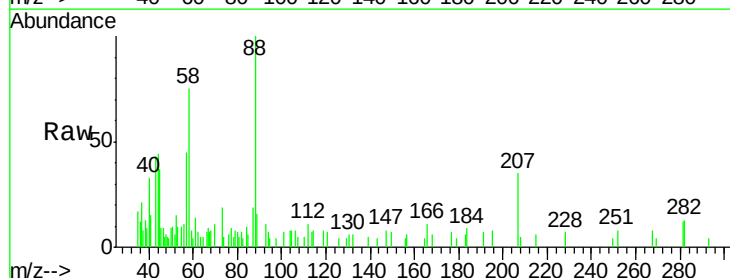
Tgt Ion: 88 Resp: 3755

Ion Ratio Lower Upper

88 100

43 41.1 27.8 41.6

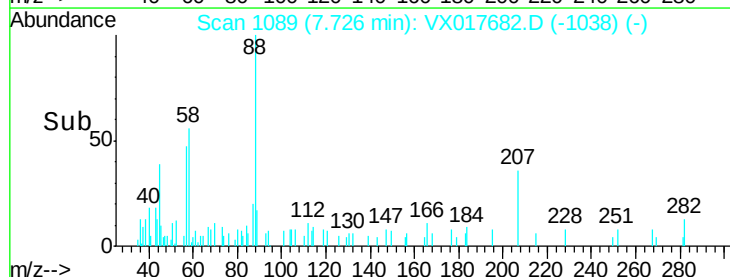
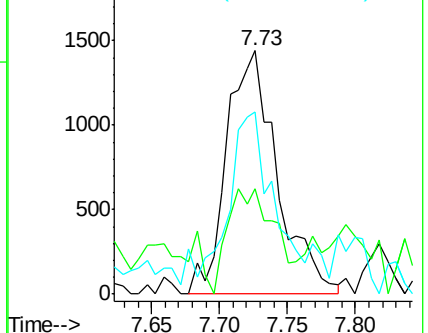
58 70.2 58.3 87.5

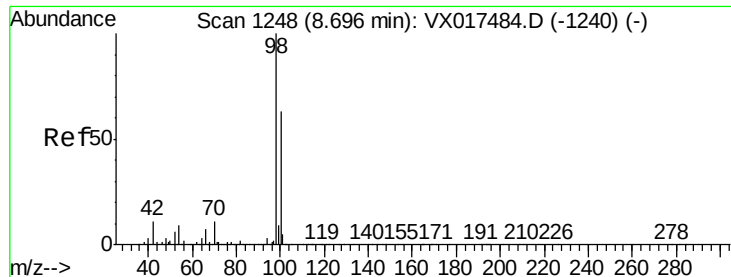


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

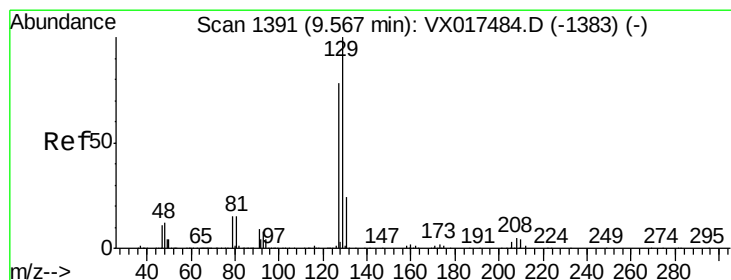
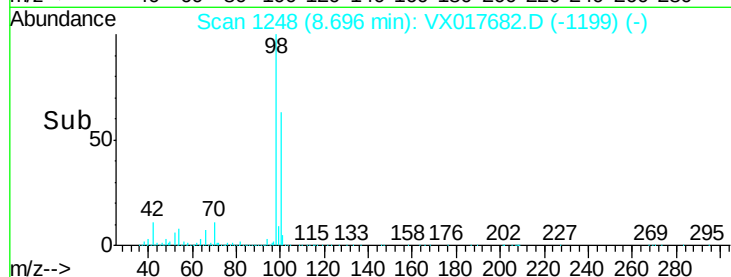
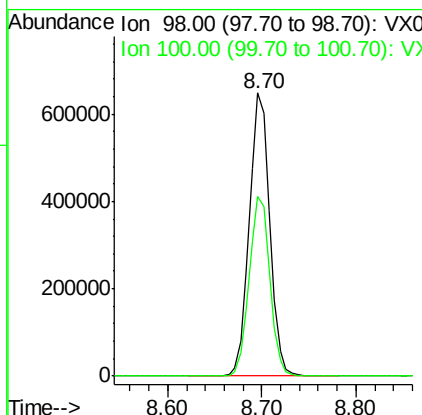
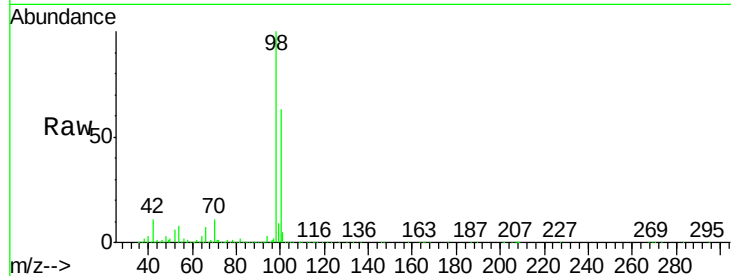




#50
Toluene-d8
Concen: 52.231 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

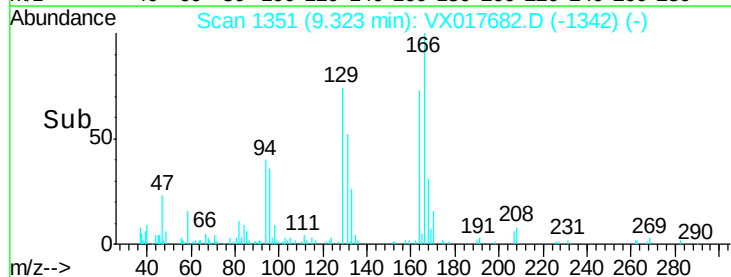
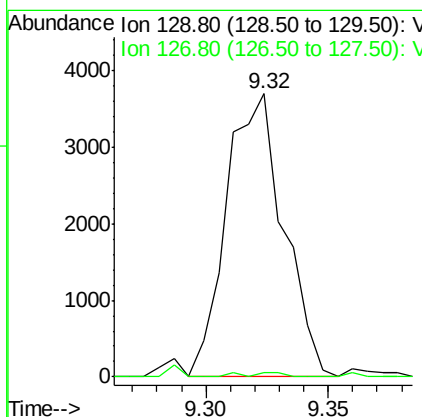
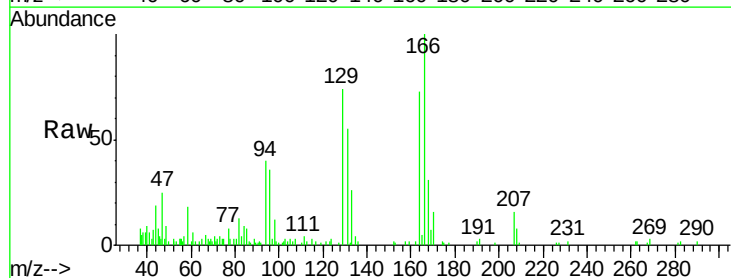
Instrument :
MSVOA_X
ClientSampleId :
RW-12D

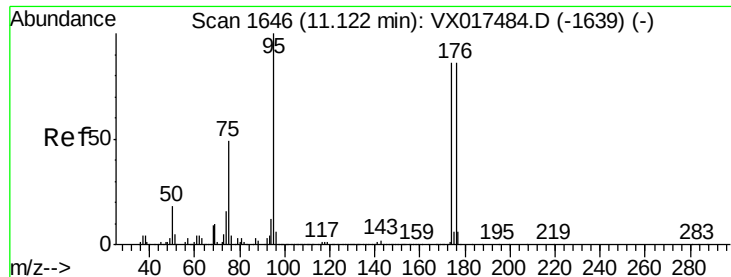
Tot Ion: 98 Resp: 992316
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#60
Dibromochloromethane
Concen: 0.823 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. -0.24 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

Tgt Ion:129 Resp: 6049
Ion Ratio Lower Upper
129 100
127 1.0 38.4 115.1#





#62

4-Bromofluorobenzene

Concen: 57.356 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

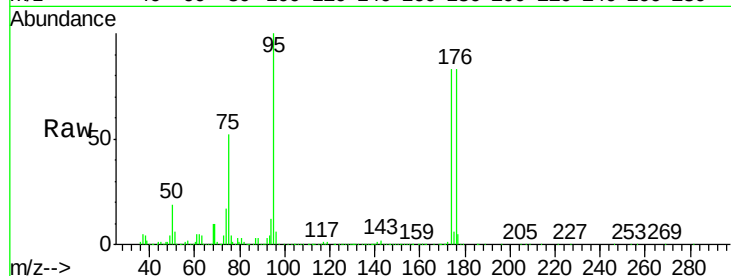
Tot Ion: 95 Resp: 436097

Ion Ratio Lower Upper

95 100

174 84.6 0.0 169.0

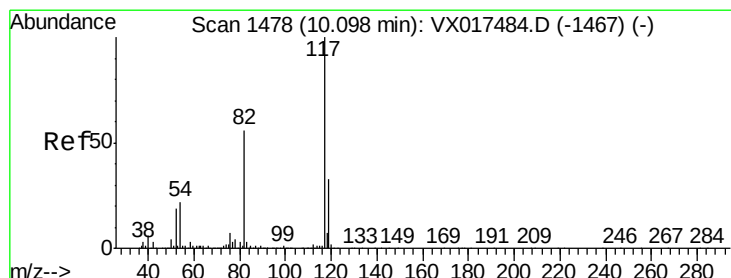
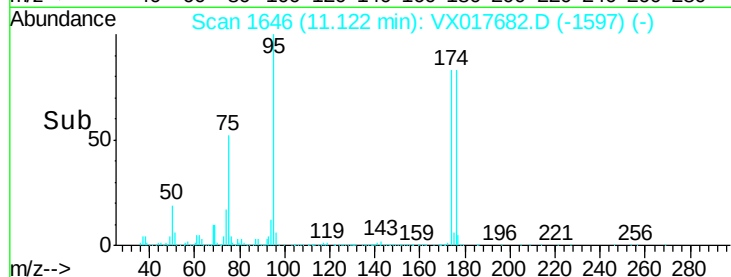
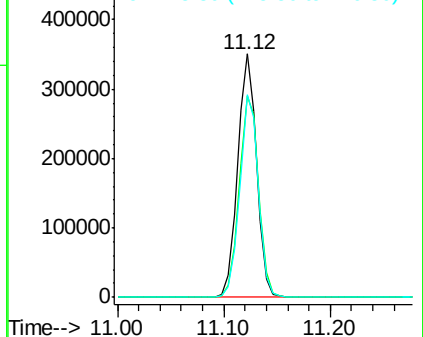
176 81.7 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017484.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017484.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017484.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

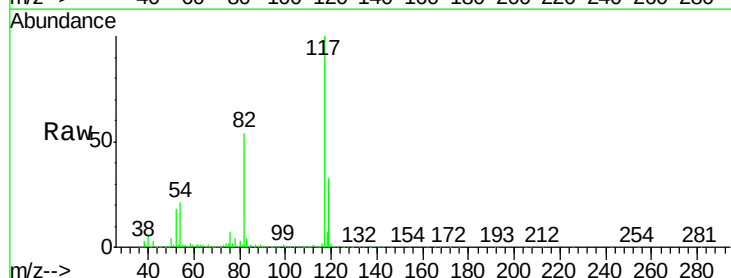
Tgt Ion: 117 Resp: 847732

Ion Ratio Lower Upper

117 100

82 54.5 44.0 66.0

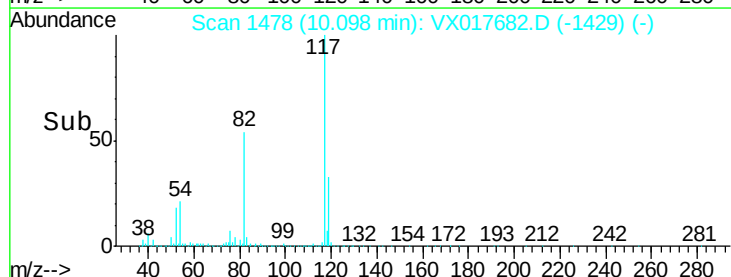
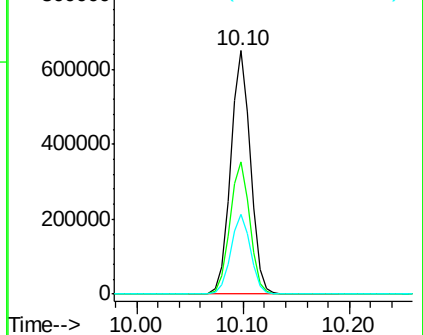
119 32.8 25.4 38.0

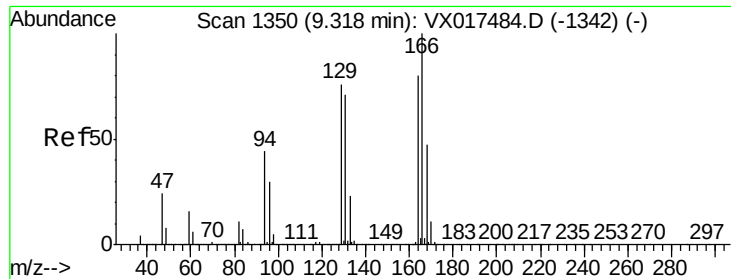


Abundance Ion 116.90 (116.60 to 117.60): VX017484.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX017484.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX017484.D (-1467) (-)





#64

Tetrachloroethene

Concen: 0.750 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

Tot Ion:164 Resp: 5708

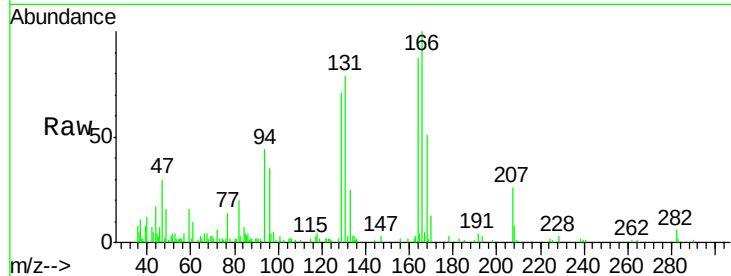
Ion Ratio Lower Upper

164 100

166 115.2 100.6 150.8

129 82.1 75.0 112.6

131 91.0 75.2 112.8

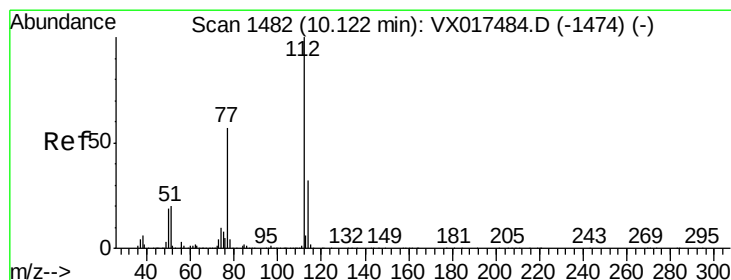
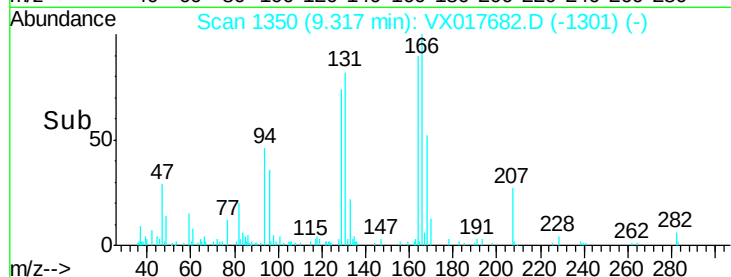
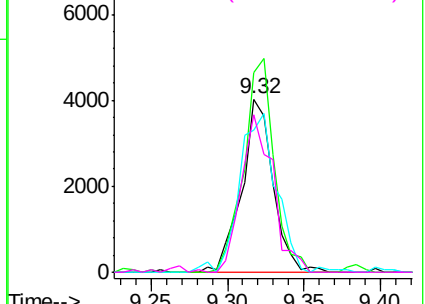


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 32.855 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017682.D

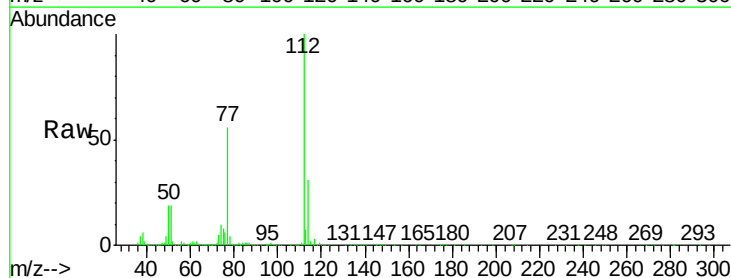
Acq: 30 Jul 2020 14:26

Tgt Ion:112 Resp: 602867

Ion Ratio Lower Upper

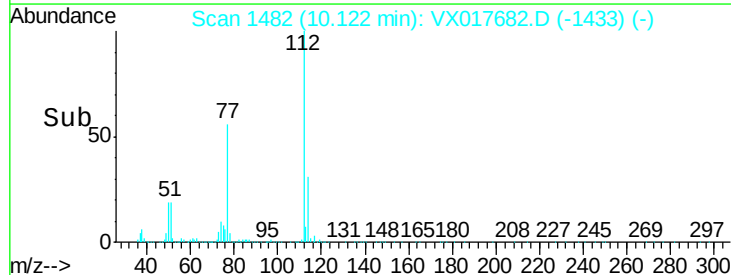
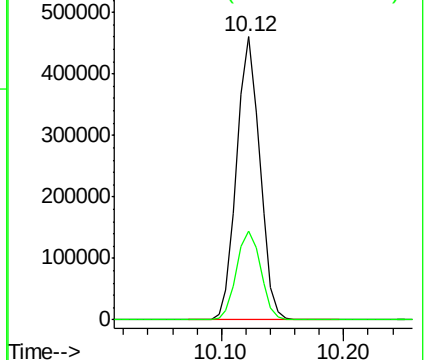
112 100

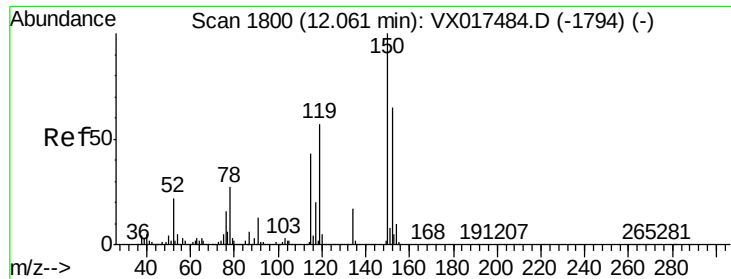
114 31.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

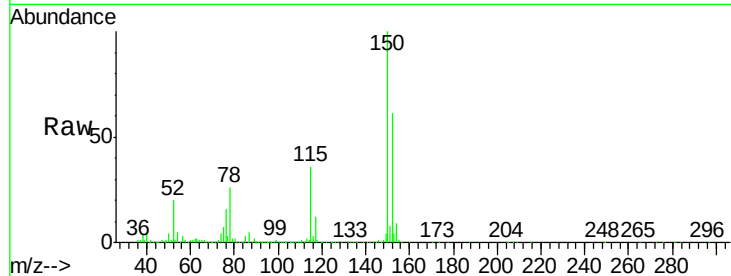
Tot Ion:152 Resp: 461270

Ion Ratio Lower Upper

152 100

115 57.4 65.5 196.6#

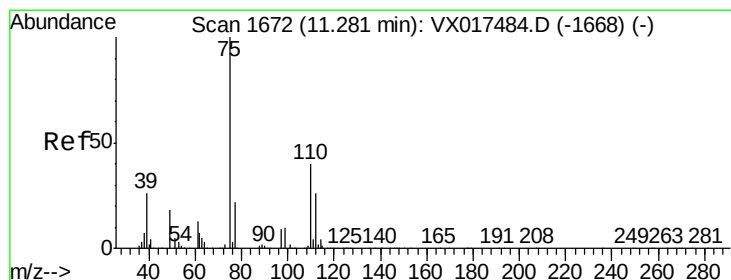
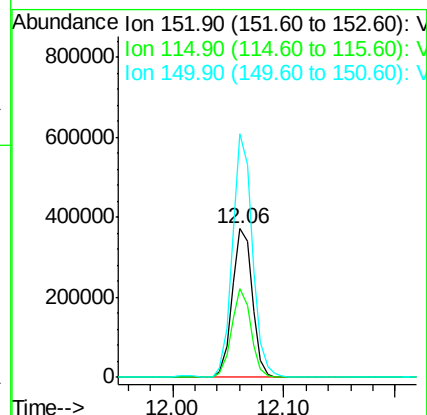
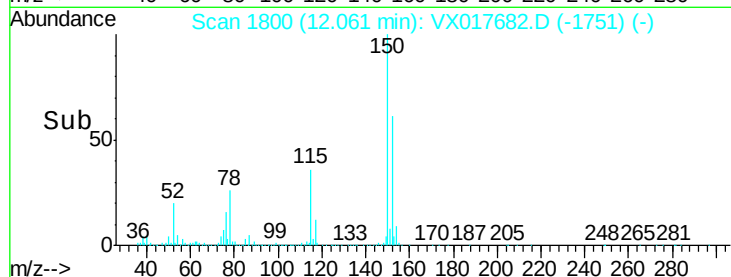
150 162.2 0.0 412.6



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: 23.029 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017682.D

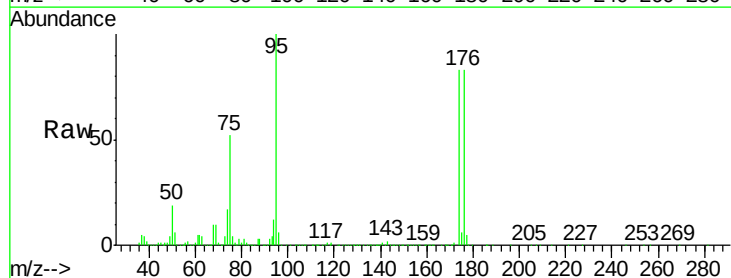
Acq: 30 Jul 2020 14:26

Tgt Ion: 75 Resp: 218516

Ion Ratio Lower Upper

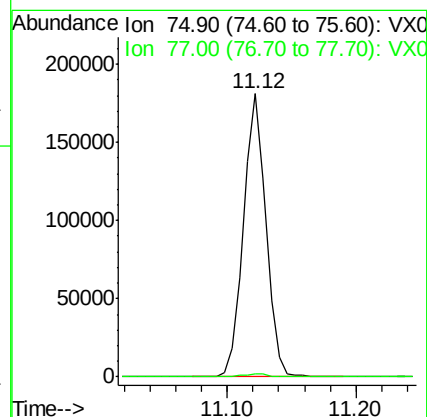
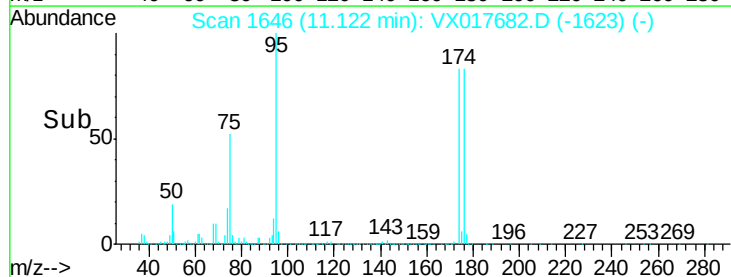
75 100

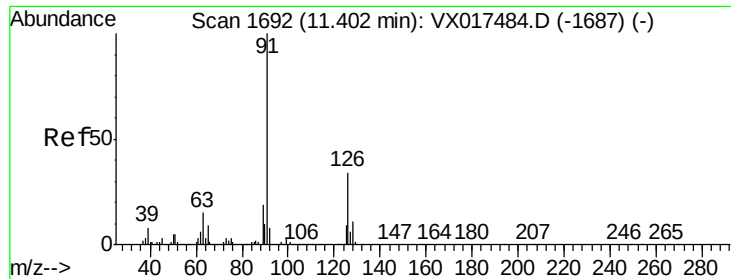
77 1.4 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

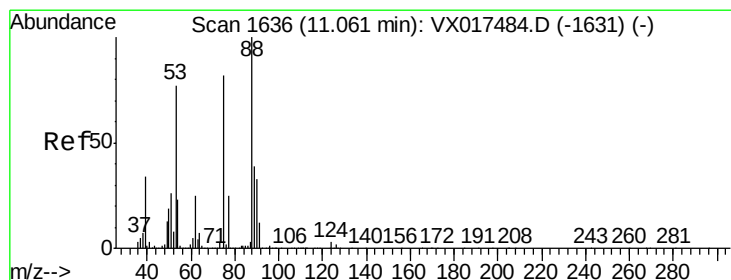
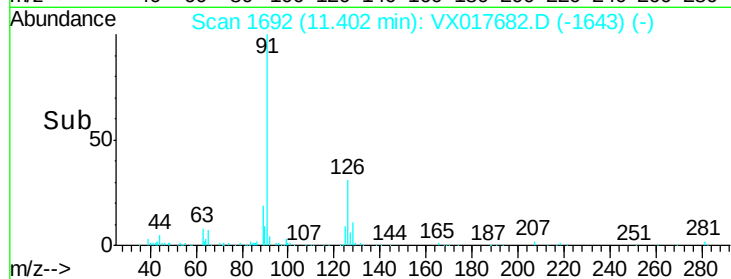
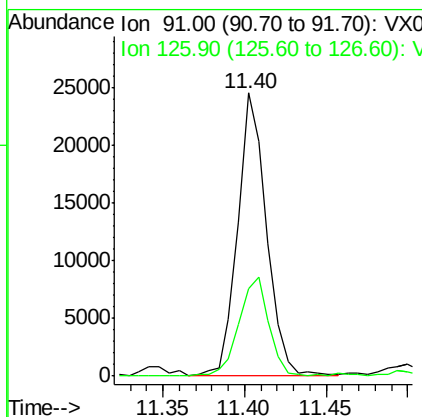
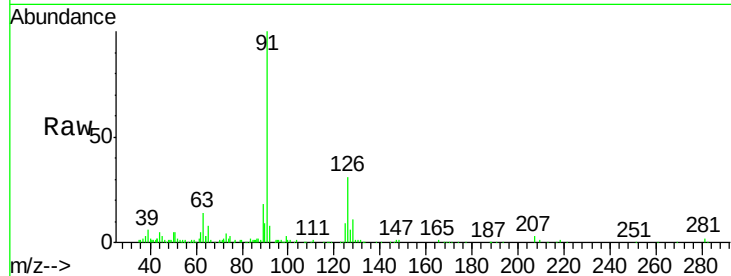




#79
2-Chlorotoluene
Concen: 1.365 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

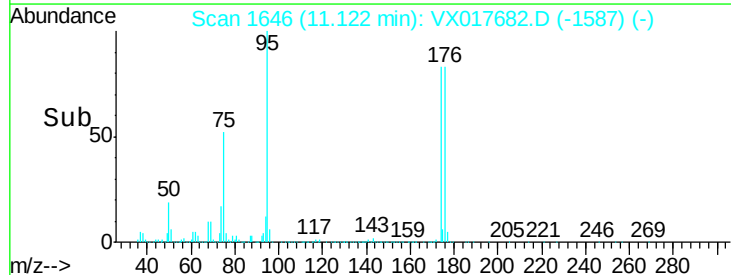
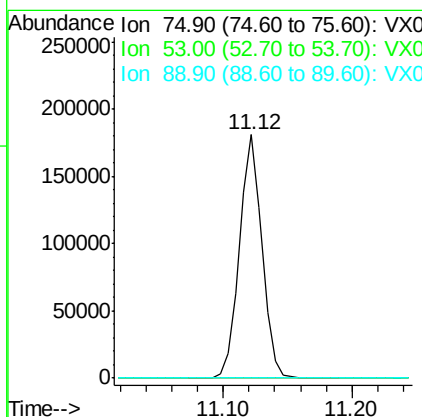
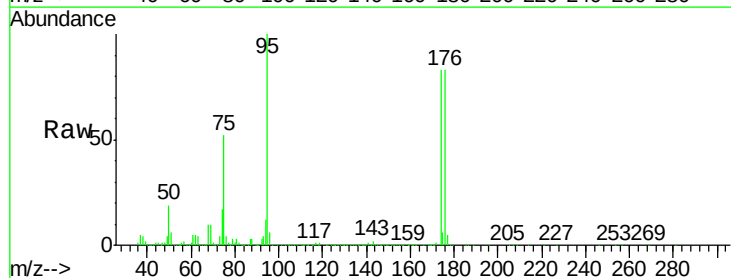
Instrument :
MSVOA_X
ClientSampled :
RW-12D

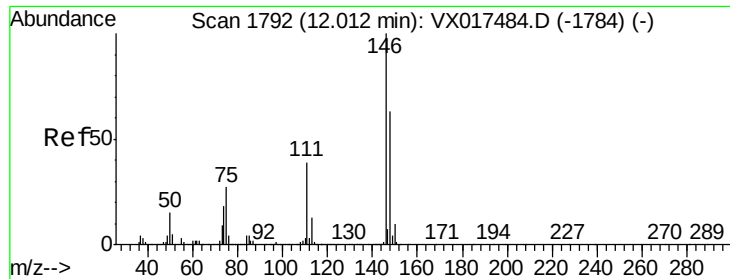
Tot Ion: 91 Resp: 30172
Ion Ratio Lower Upper
91 100
126 36.3 17.5 52.5



#81
trans-1,4-Dichloro-2-butene
Concen: 58.029 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017682.D
Acq: 30 Jul 2020 14:26

Tgt Ion: 75 Resp: 218516
Ion Ratio Lower Upper
75 100
53 0.5 75.9 113.9#
89 0.2 37.8 56.6#

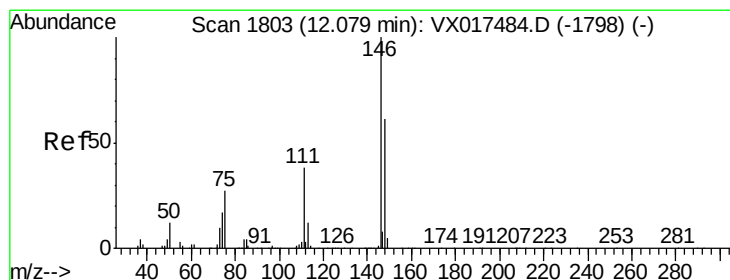
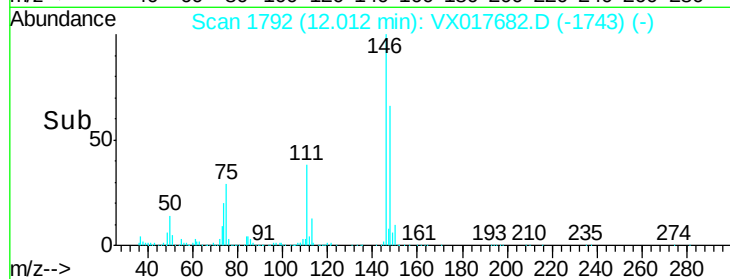
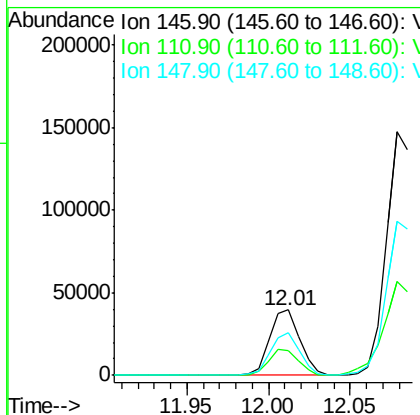
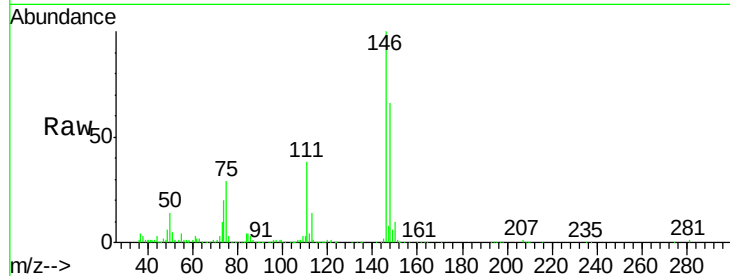




#87
 1,3-Dichlorobenzene
 Concen: 3.339 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017682.D
 Acq: 30 Jul 2020 14:26

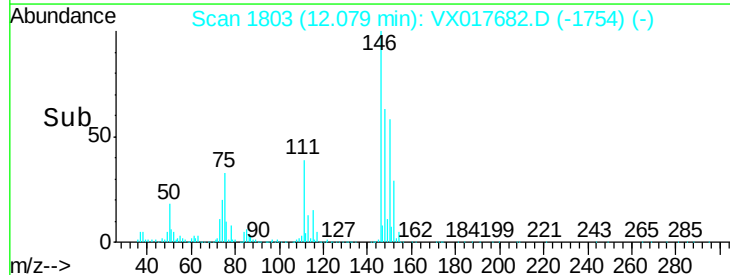
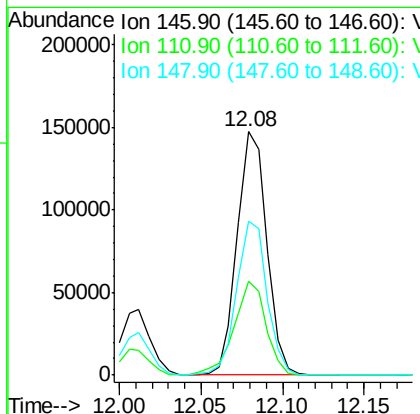
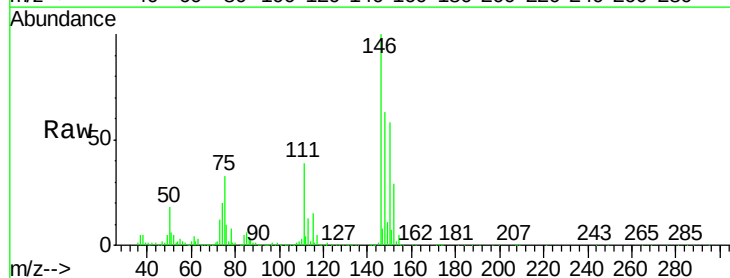
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-12D

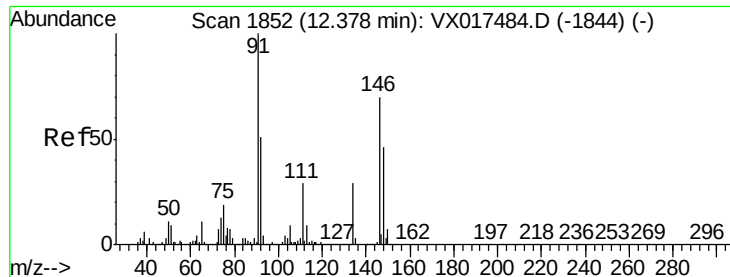
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	63.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 11.894 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017682.D
 Acq: 30 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.3	57.8
148	64.8	32.2	96.6





#91

1,2-Dichlorobenzene

Concen: 7.423 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

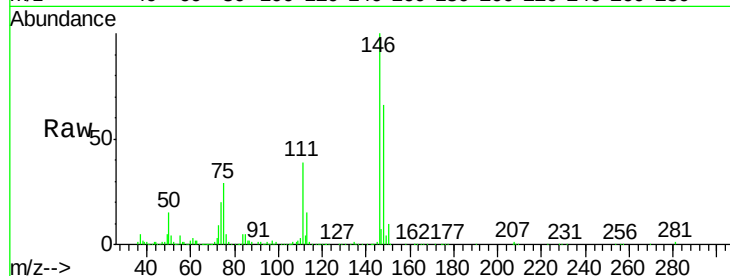
Tot Ion:146 Resp: 110991

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.8

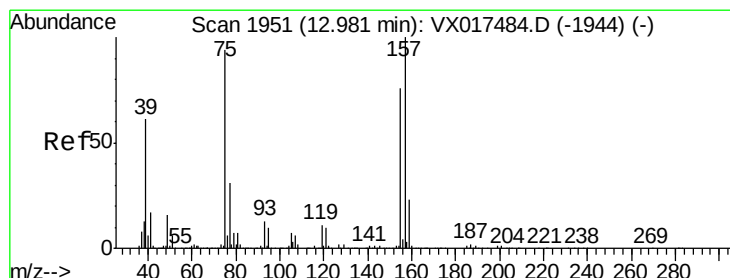
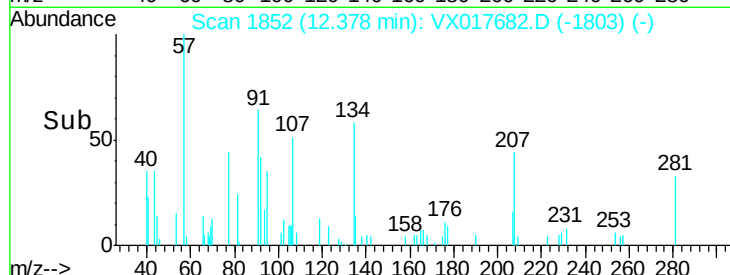
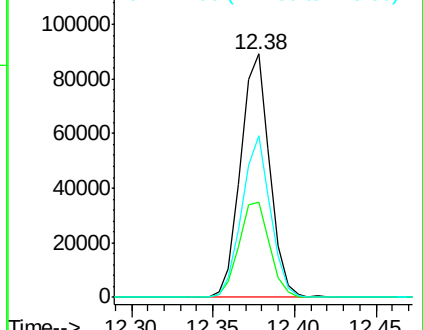
148 65.4 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.714 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017682.D

Acq: 30 Jul 2020 14:26

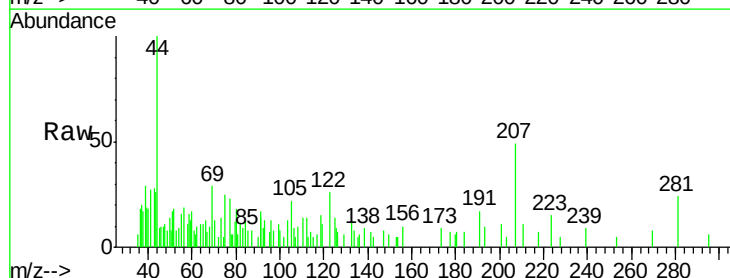
Tgt Ion: 75 Resp: 406

Ion Ratio Lower Upper

75 100

155 20.0 42.3 126.8#

157 0.0 54.3 162.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

