

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010133.D
 Acq On : 08 Jun 2019 00:51
 Operator : JC/SP
 Sample : K3257-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20190606

Quant Time: Jun 08 02:26:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	307964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	422746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200018	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	138201	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
35) Dibromofluoromethane	5.50	113	145175	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	553695	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	195522	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	

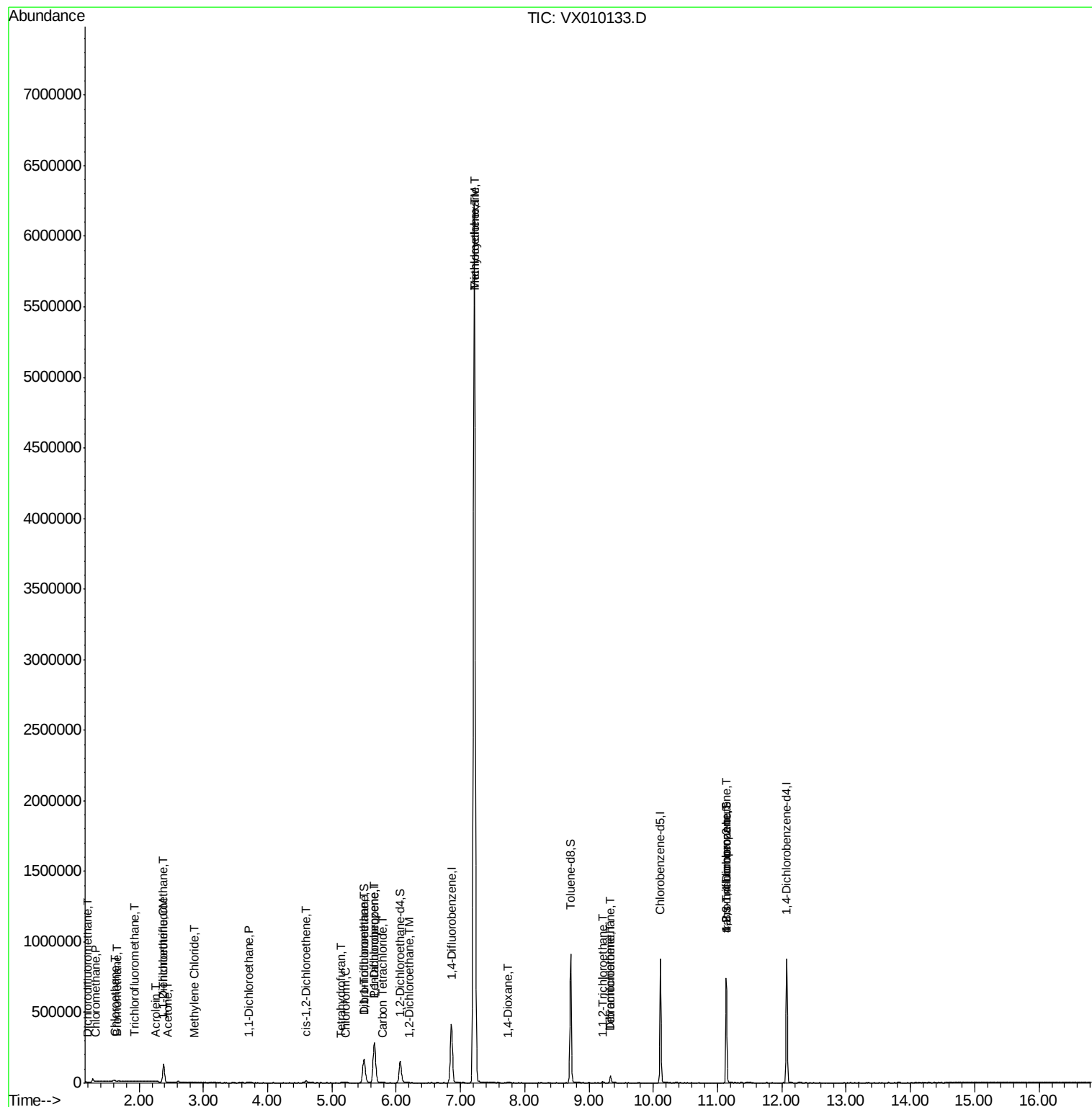
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	801	0.283	ug/l	86
3) Chloromethane	1.32	50	687	0.244	ug/l	94
5) Bromomethane	1.65	94	252	0.252	ug/l #	66
6) Chloroethane	1.62	64	611	0.458	ug/l #	43
7) Trichlorofluoromethane	1.93	101	1177	0.300	ug/l #	73
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37212	13.740	ug/l	92
12) 1,1-Dichloroethene	2.37	96	21199	7.664	ug/l #	79
13) Acrolein	2.25	56	431	3.210	ug/l #	53
16) Acetone	2.44	43	3576	2.529	ug/l #	70
20) Methylene Chloride	2.85	84	761	0.245	ug/l #	54
24) 1,1-Dichloroethane	3.70	63	5848	1.206	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	9701	2.849	ug/l	71
29) Tetrahydrofuran	5.14	42	661	0.500	ug/l #	47
30) Chloroform	5.21	83	2948	0.586	ug/l #	82
32) 1,1,1-Trichloroethane	5.50	97	2549	0.539	ug/l #	48
36) 1,1-Dichloropropene	5.66	75	18711	4.886	ug/l #	51
38) Carbon Tetrachloride	5.79	117	1882	0.434	ug/l	84
39) Methylcyclohexane	7.21	83	28351	5.436	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	896	0.237	ug/l #	46
44) Trichloroethene	7.21	130	2548853	714.031	ug/l	91
49) 1,4-Dioxane	7.74	88	2579	29.031	ug/l #	80
55) 1,1,2-Trichloroethane	9.21	97	2274	0.713	ug/l	93
60) Dibromochloromethane	9.34	129	9607	2.548	ug/l #	11
64) Tetrachloroethene	9.34	164	10292	3.278	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	88018	22.000	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	88018	48.608	ug/l #	10

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

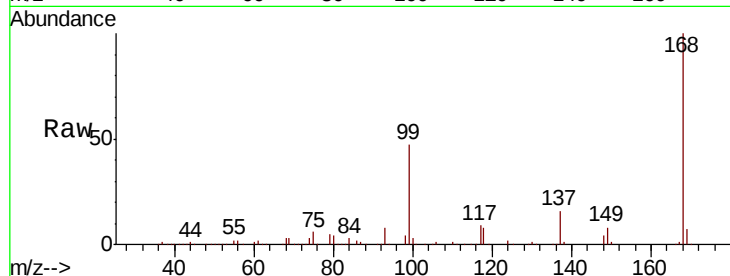
RE120D1-20190606

Tot Ion:168 Resp: 307964

Ion Ratio Lower Upper

168 100

99 46.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

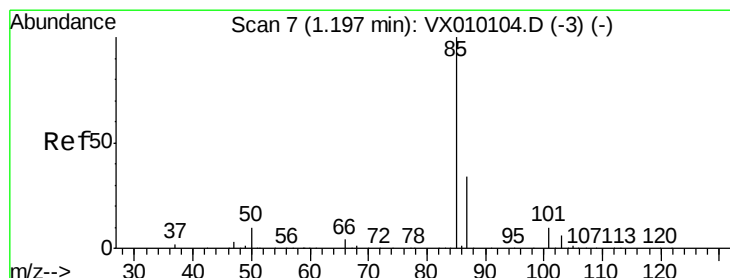
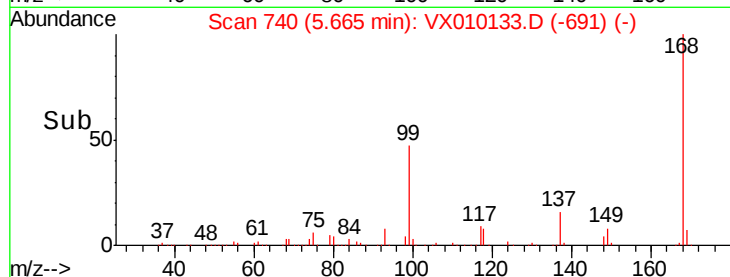
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.283 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010133.D

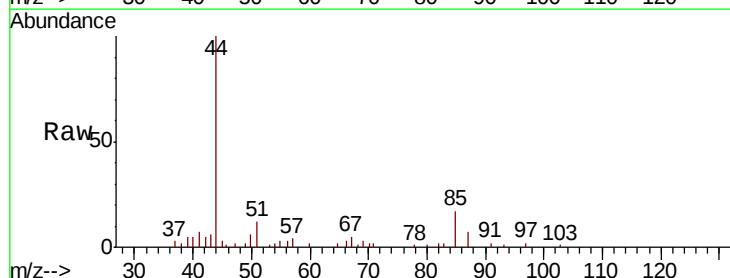
Acq: 08 Jun 2019 00:51

Tgt Ion: 85 Resp: 801

Ion Ratio Lower Upper

85 100

87 39.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

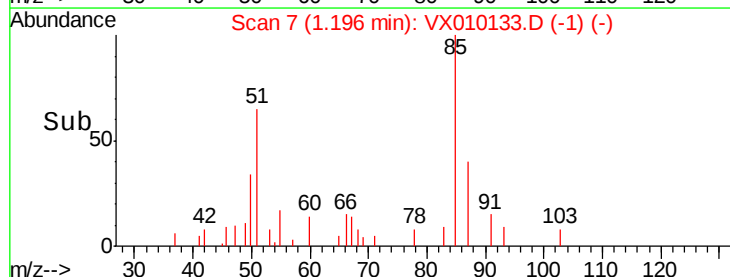
600

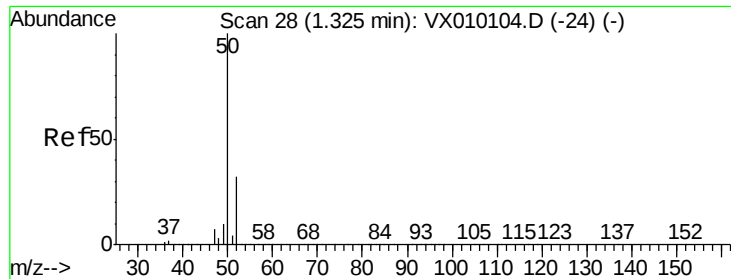
400

200

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.244 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

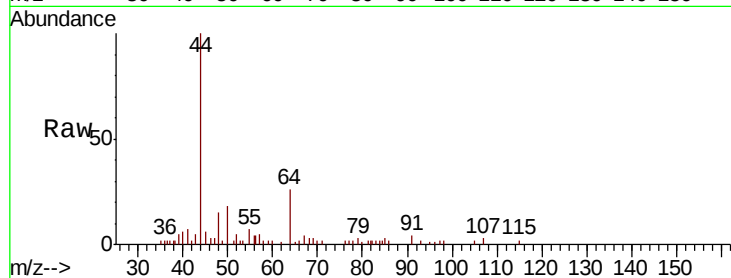
RE120D1-20190606

Tot Ion: 50 Resp: 687

Ion Ratio Lower Upper

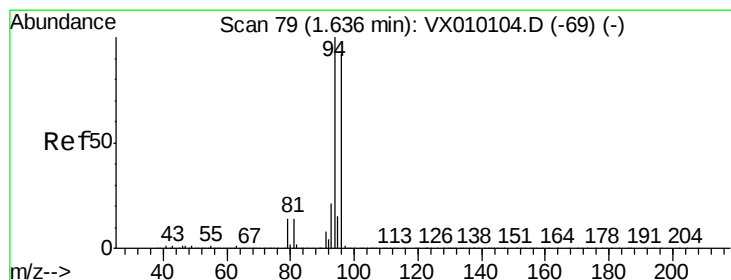
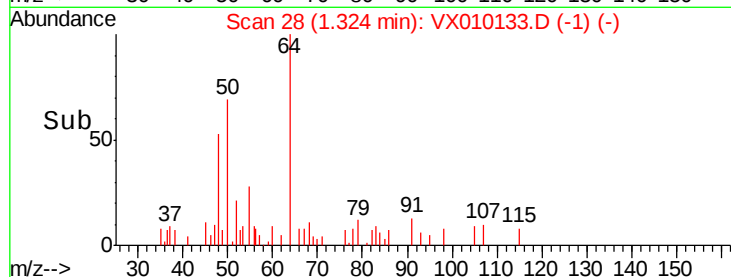
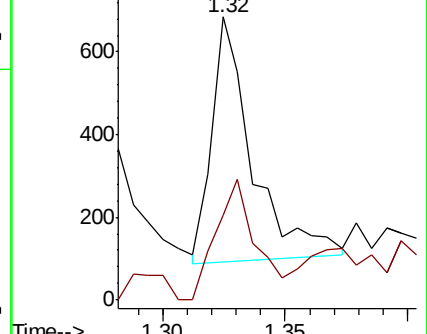
50 100

52 35.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.252 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010133.D

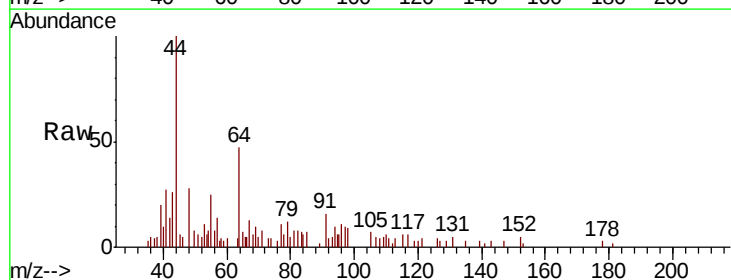
Acq: 08 Jun 2019 00:51

Tgt Ion: 94 Resp: 252

Ion Ratio Lower Upper

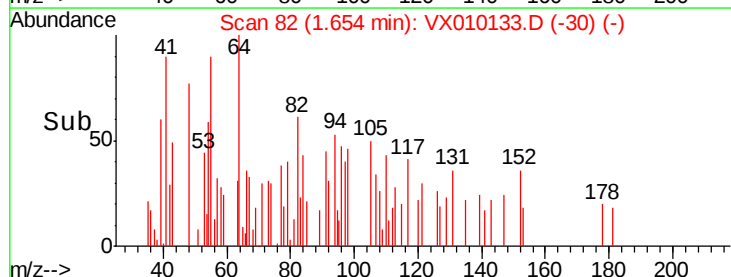
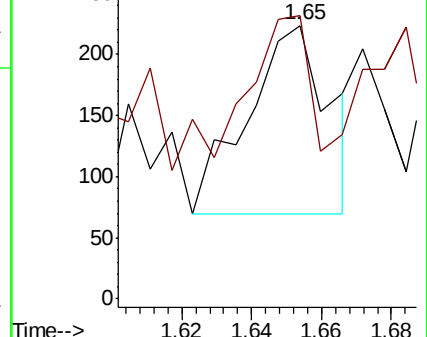
94 100

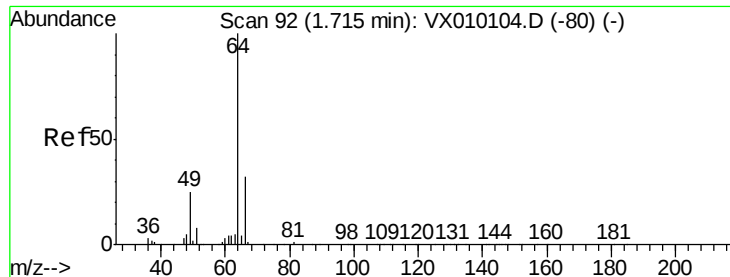
96 62.6 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.458 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.09 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

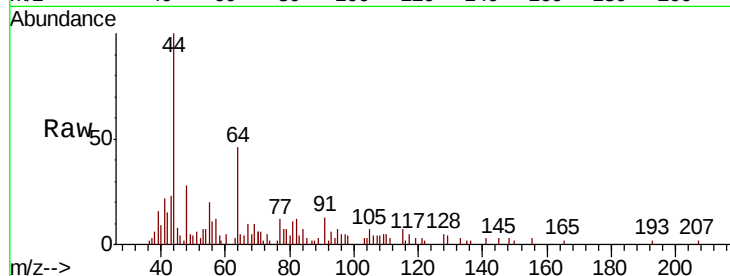
RE120D1-20190606

Tot Ion: 64 Resp: 611

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

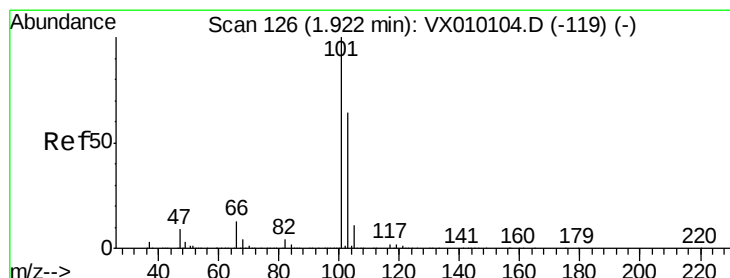
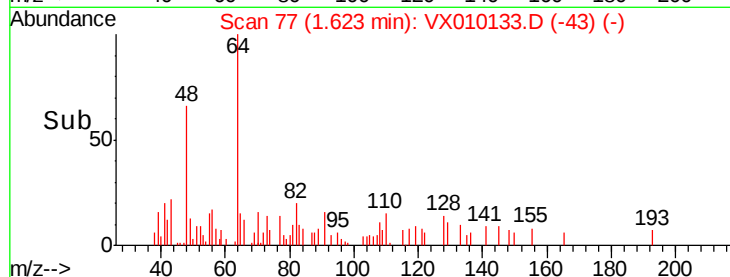
1.62

1000

500

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.300 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX010133.D

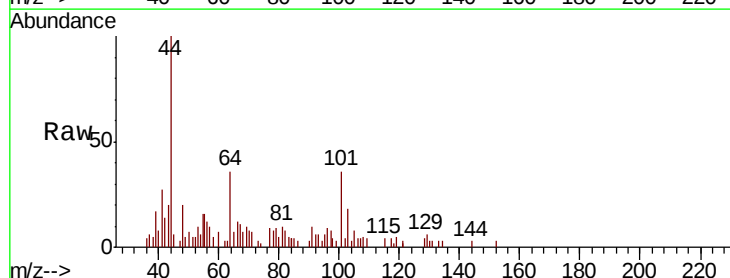
Acq: 08 Jun 2019 00:51

Tgt Ion: 101 Resp: 1177

Ion Ratio Lower Upper

101 100

103 44.0 52.2 78.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

800

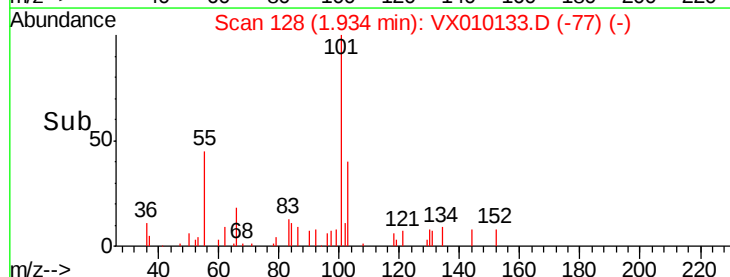
600

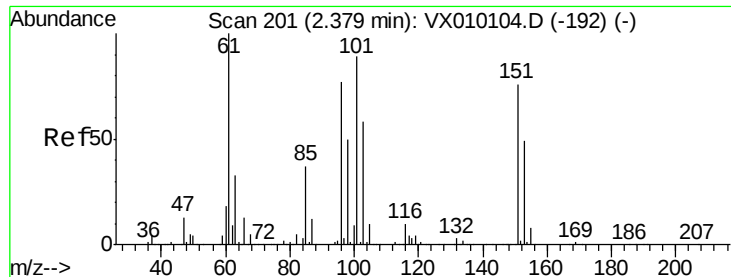
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.740 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20190606

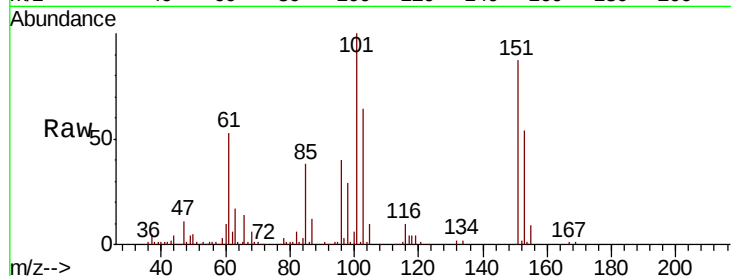
Tot Ion:101 Resp: 37212

Ion Ratio Lower Upper

101 100

85 41.9 35.2 52.8

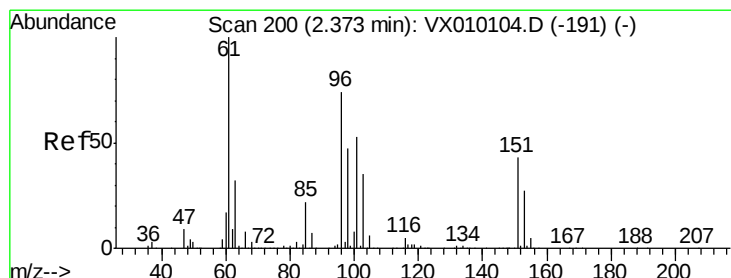
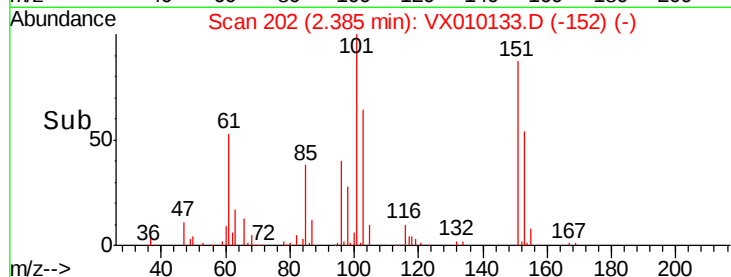
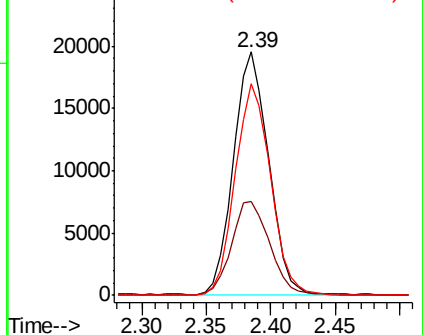
151 87.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 7.664 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

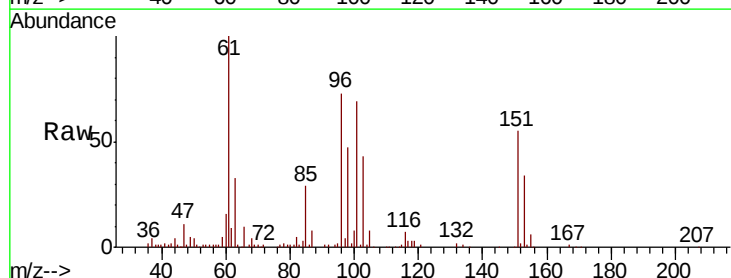
Tgt Ion: 96 Resp: 21199

Ion Ratio Lower Upper

96 100

61 137.8 140.7 211.1#

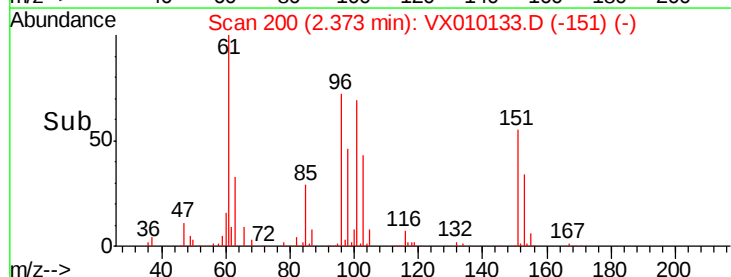
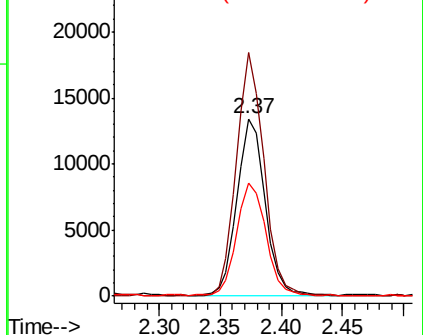
98 63.8 50.1 75.1

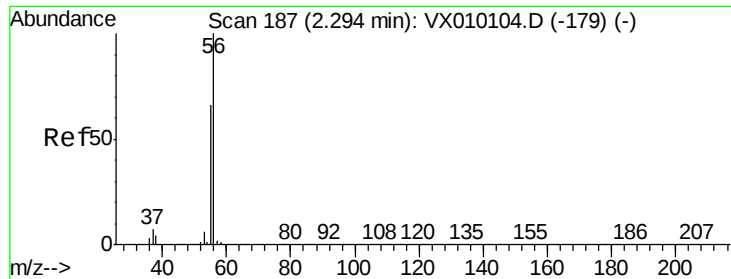


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 3.210 ug/l

RT: 2.25 min Scan# 180

Delta R.T. -0.04 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

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ClientSampleId :

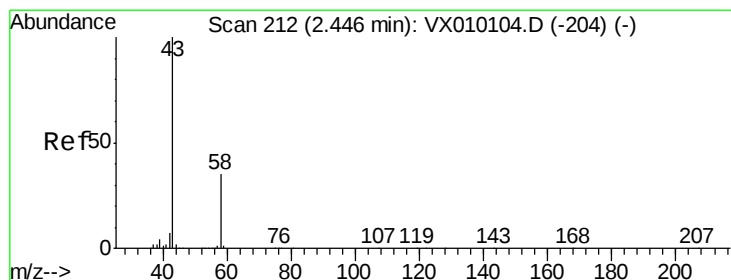
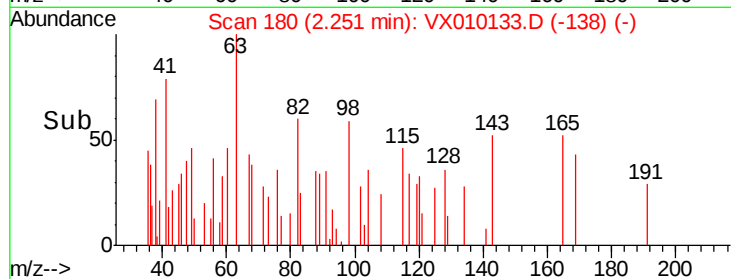
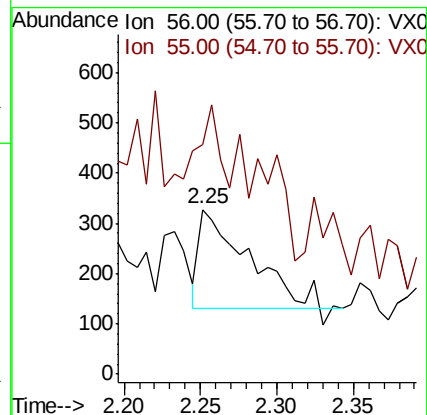
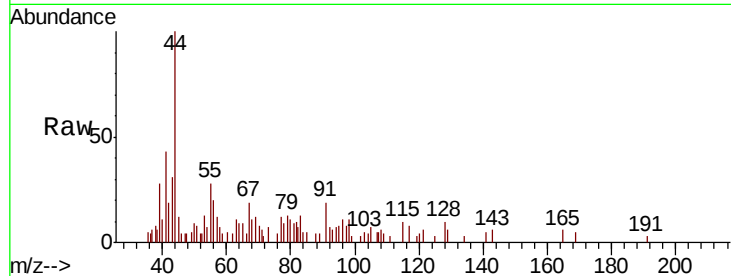
RE120D1-20190606

Tot Ion: 56 Resp: 431

Ion Ratio Lower Upper

56 100

55 32.3 57.0 85.4#



#16

Acetone

Concen: 2.529 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010133.D

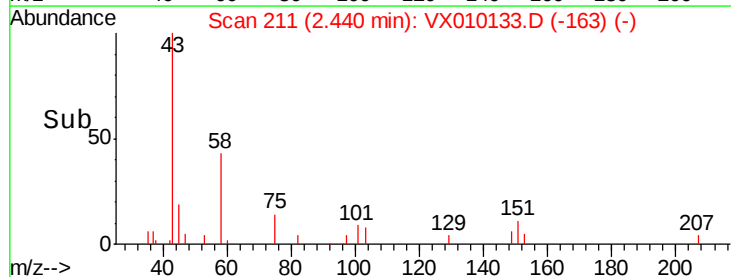
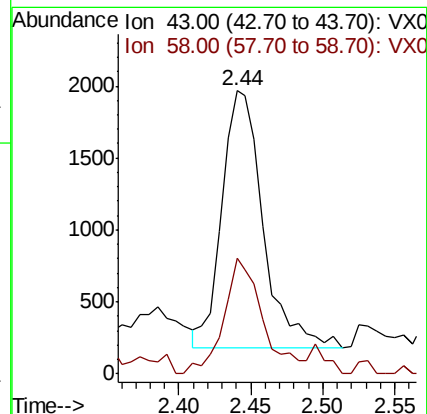
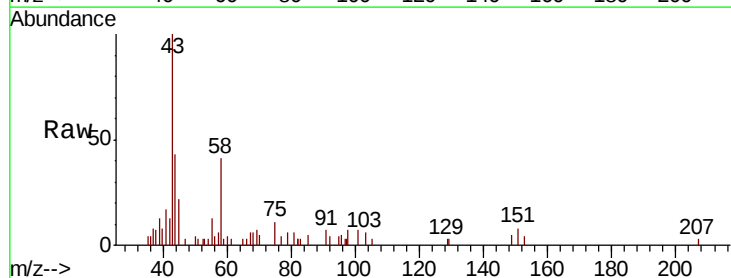
Acq: 08 Jun 2019 00:51

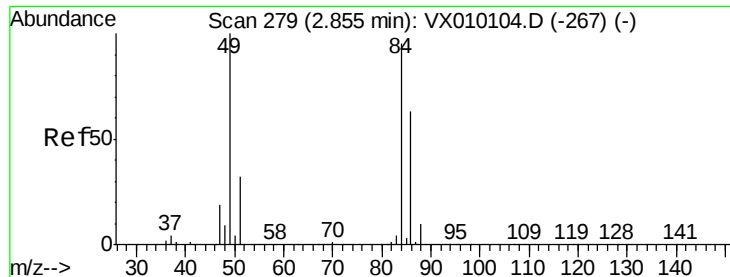
Tgt Ion: 43 Resp: 3576

Ion Ratio Lower Upper

43 100

58 44.8 23.2 34.8#





#20

Methvlene Chloride

Concen: 0.245 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20190606

Tot Ion: 84 Resp: 761

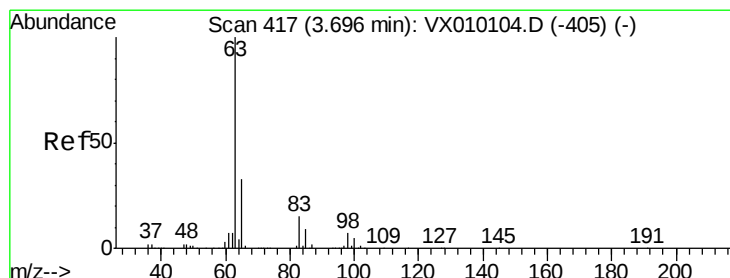
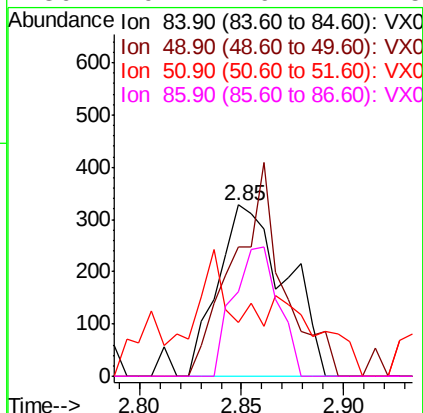
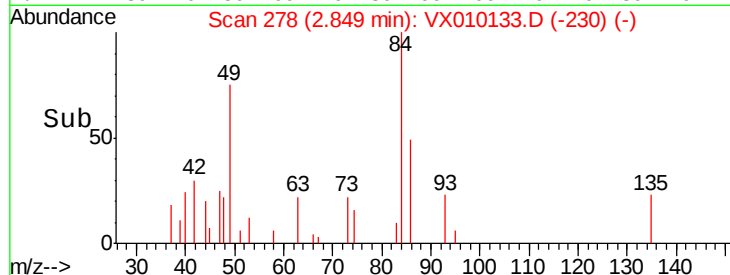
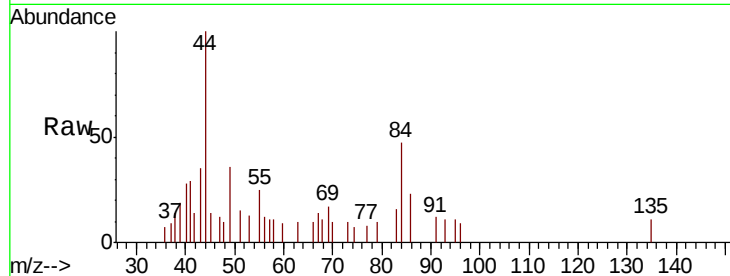
Ion Ratio Lower Upper

84 100

49 75.3 115.8 173.6#

51 9.8 34.4 51.6#

86 49.1 49.7 74.5#



#24

1,1-Dichloroethane

Concen: 1.206 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

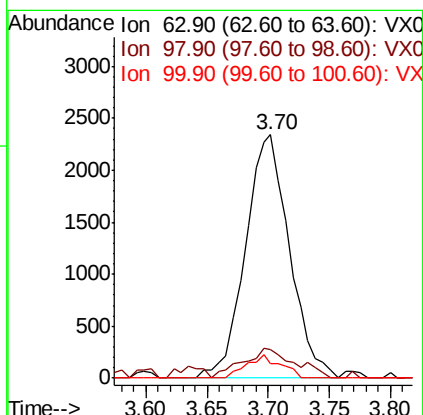
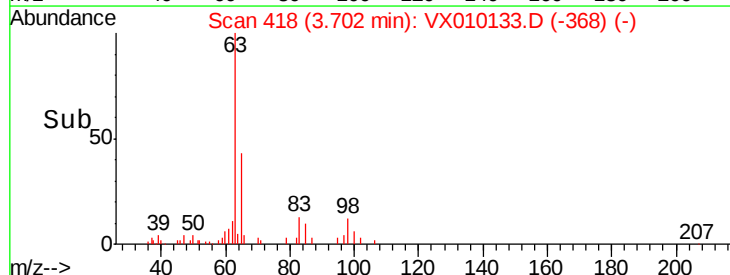
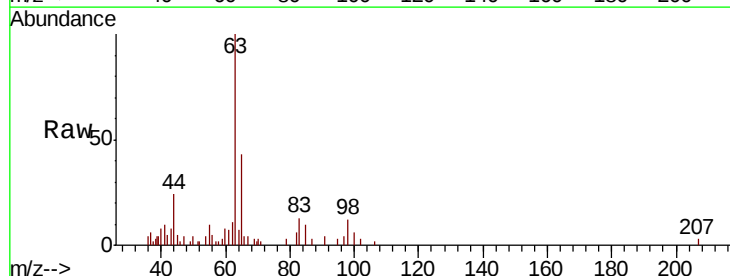
Tgt Ion: 63 Resp: 5848

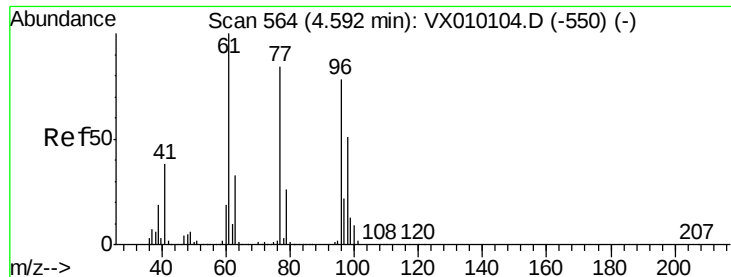
Ion Ratio Lower Upper

63 100

98 12.0 2.9 8.8#

100 6.0 1.8 5.4#



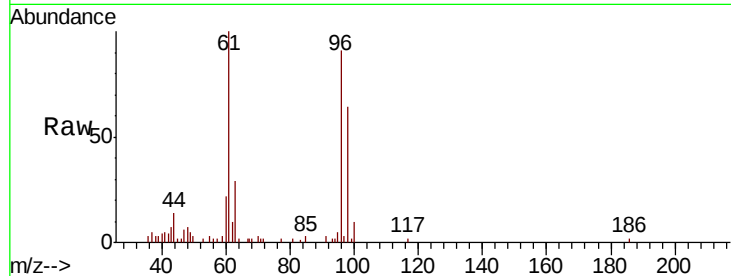


#27

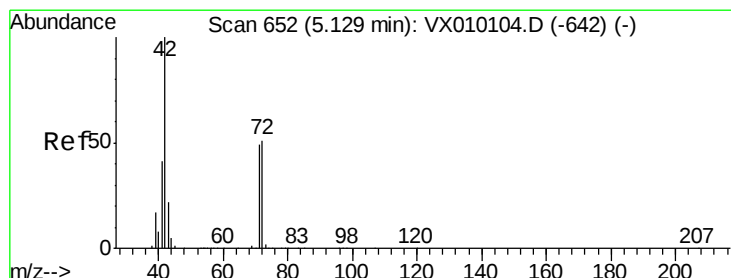
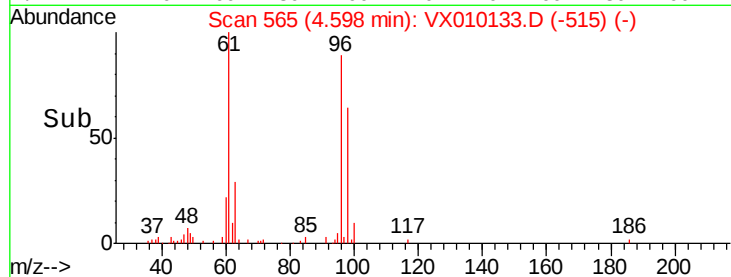
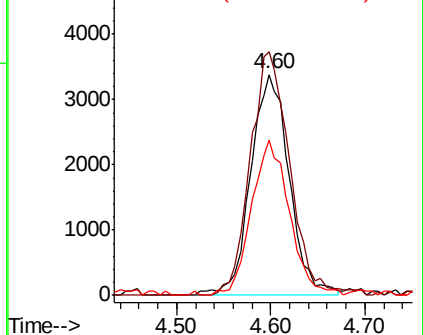
cis-1,2-Dichloroethene
 Concen: 2.849 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010133.D
 Acq: 08 Jun 2019 00:51

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20190606

Tot Ion	Ratio	Lower	Upper
96	100		
61	113.6	0.0	334.0
98	69.2	0.0	131.6



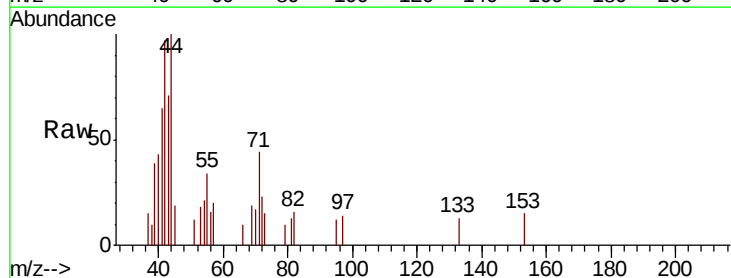
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



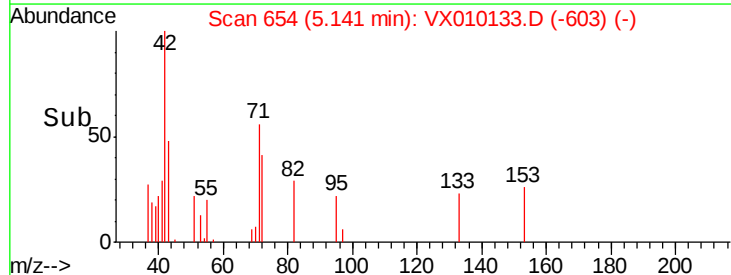
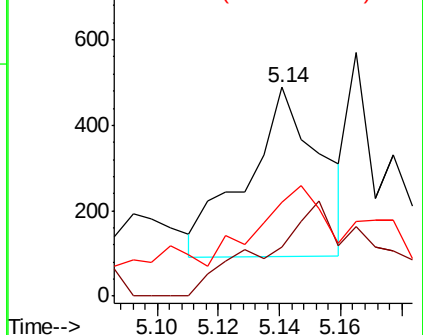
#29

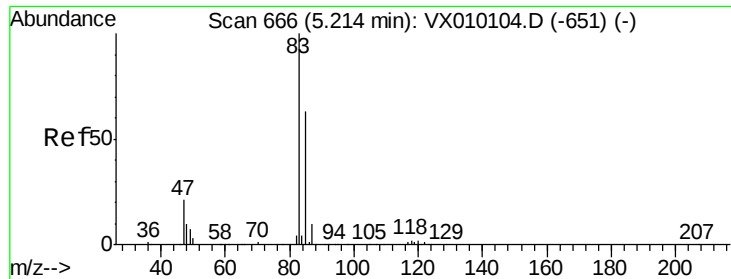
Tetrahydrofuran
 Concen: 0.500 ug/l
 RT: 5.14 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VX010133.D
 Acq: 08 Jun 2019 00:51

Tgt Ion	Ratio	Lower	Upper
42	100		
72	91.4	29.2	43.8#
71	41.1	27.6	41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

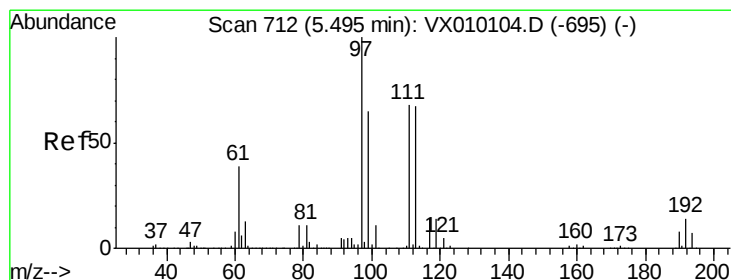
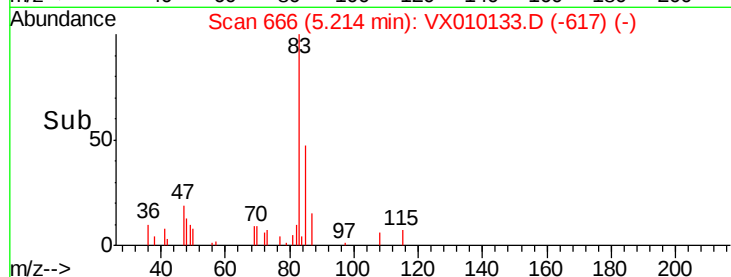
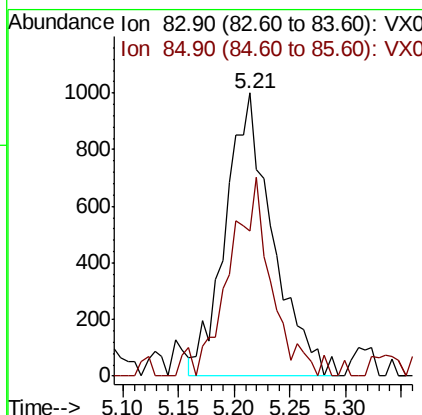
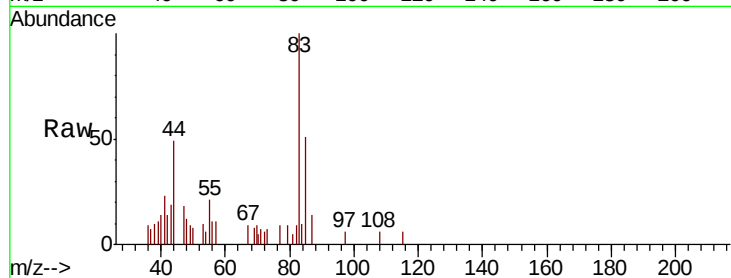




#30
Chloroform
Concen: 0.586 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

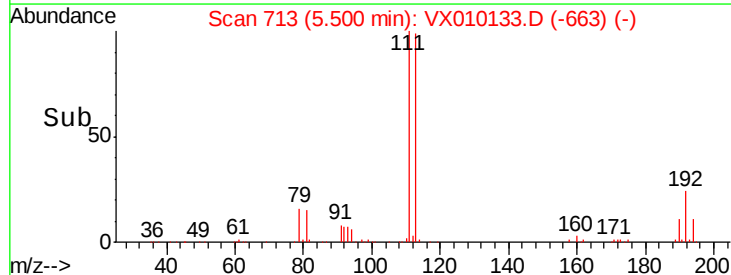
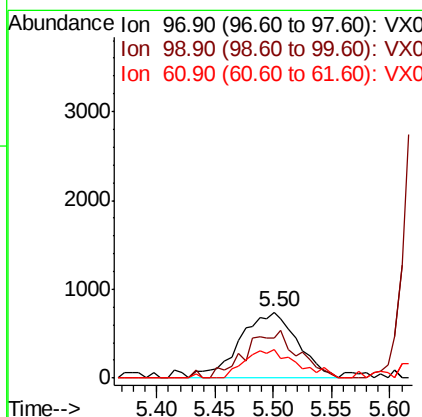
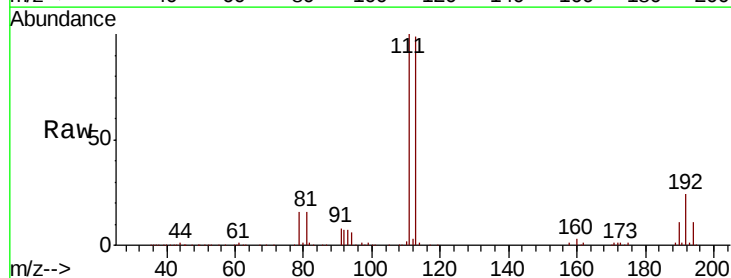
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20190606

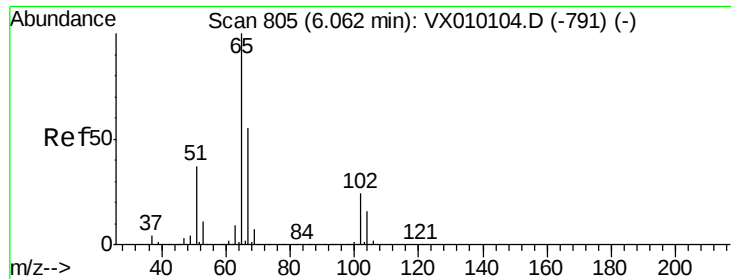
Tot Ion: 83 Resp: 2948
Ion Ratio Lower Upper
83 100
85 51.1 52.6 78.8#



#32
1,1,1-Trichloroethane
Concen: 0.539 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

Tgt Ion: 97 Resp: 2549
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 39.1 38.7 58.1

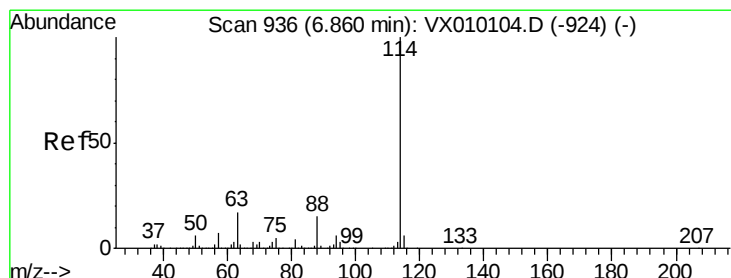
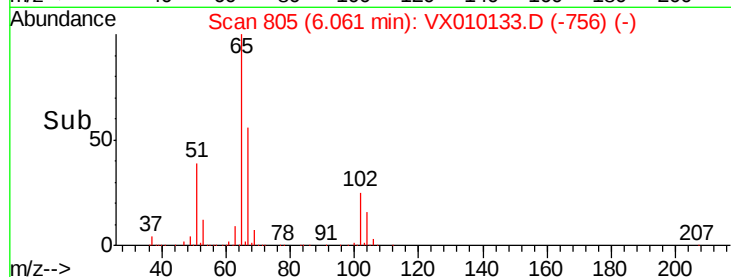
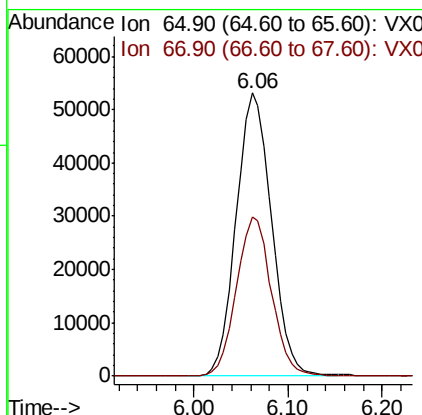
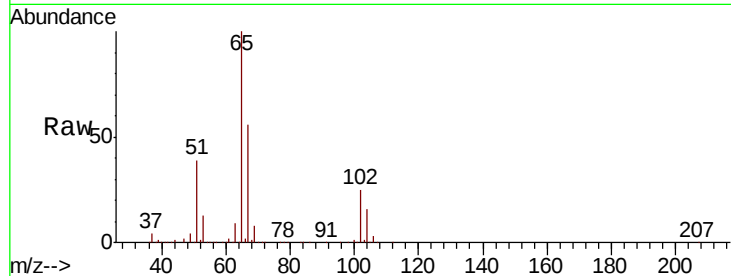




#33
 1,2-Dichloroethane-d4
 Concen: 45.974 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010133.D
 Acq: 08 Jun 2019 00:51

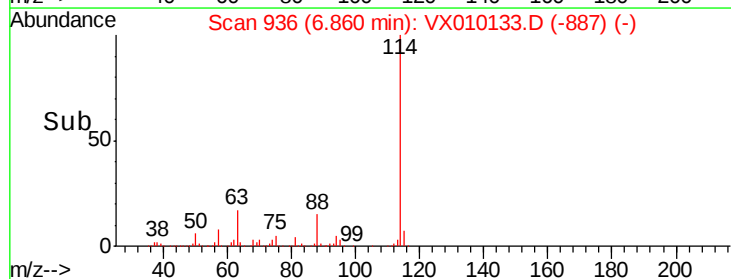
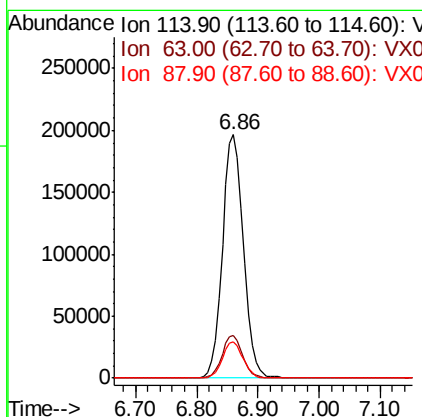
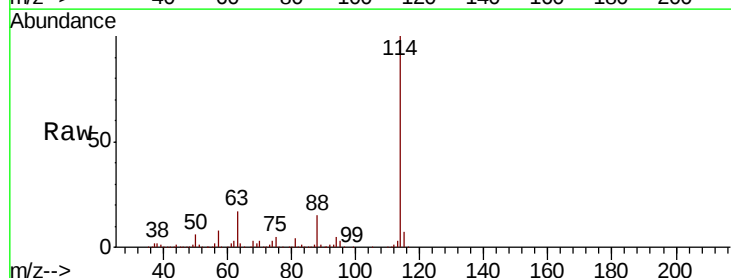
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20190606

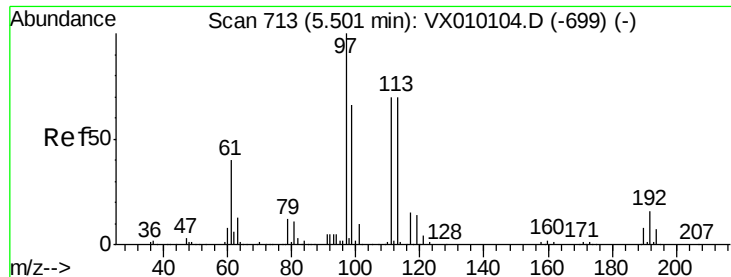
Tot Ion: 65 Resp: 138201
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010133.D
 Acq: 08 Jun 2019 00:51

Tgt Ion: 114 Resp: 469426
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 47.4
 88 15.1 0.0 33.0

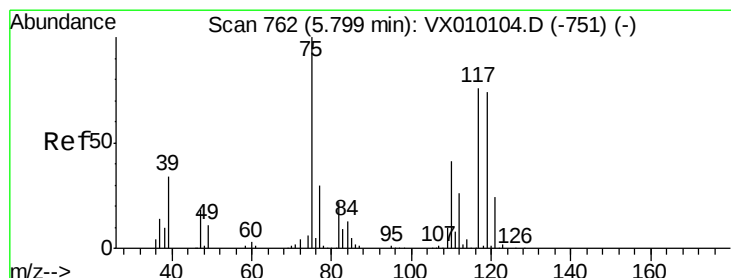
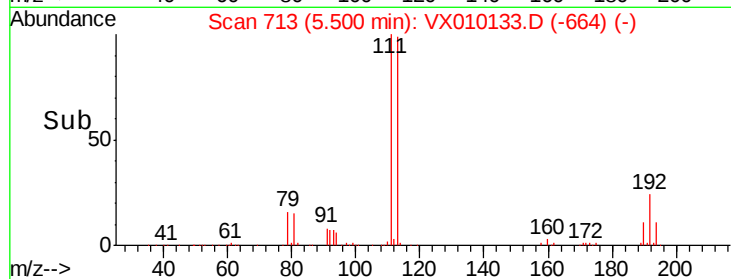
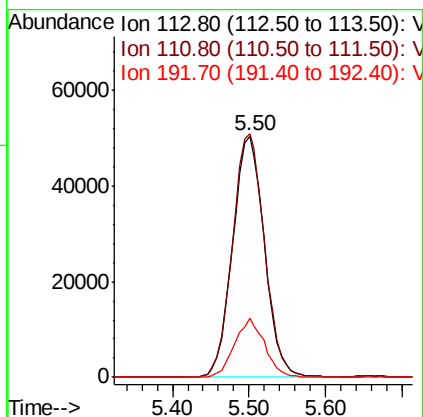
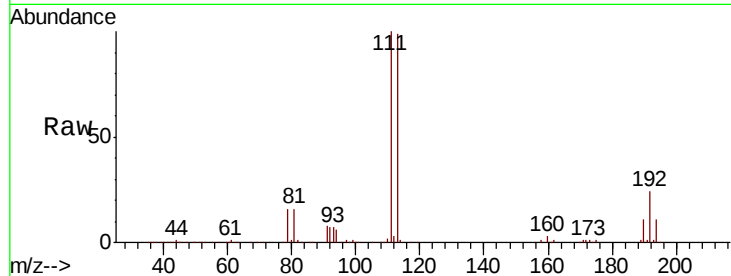




#35
Dibromofluoromethane
Concen: 50.138 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

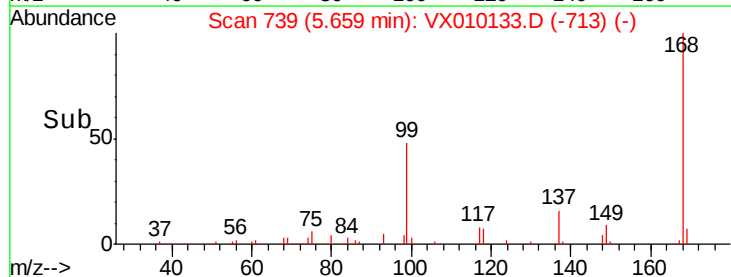
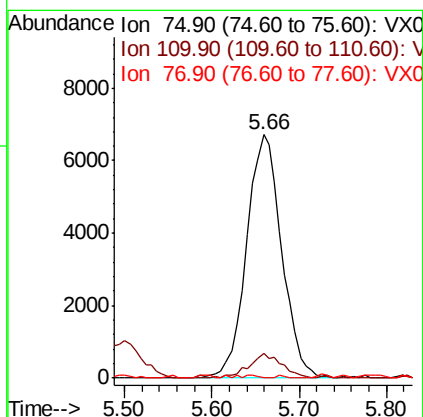
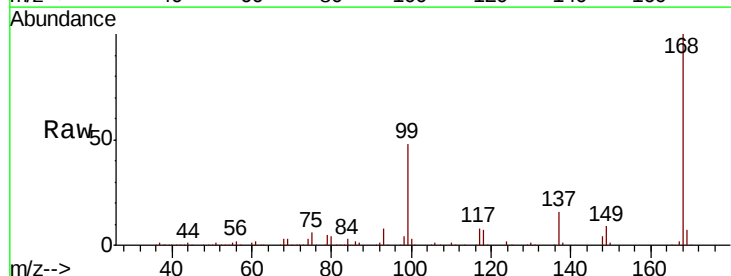
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20190606

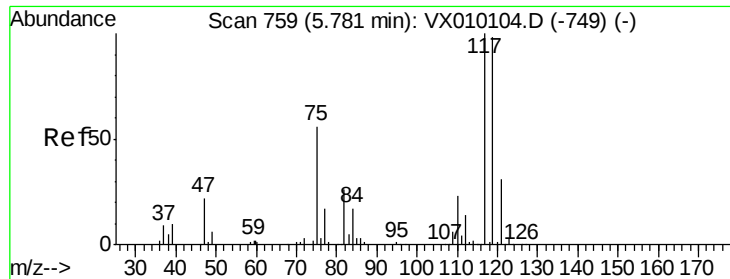
Tot Ion:113 Resp: 145175
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 23.2 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.886 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

Tgt Ion: 75 Resp: 18711
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.1#
77 0.4 25.0 37.4#

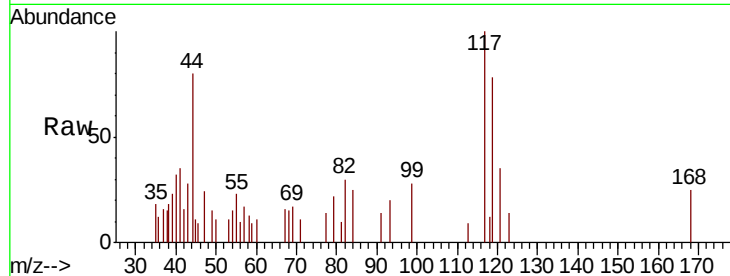




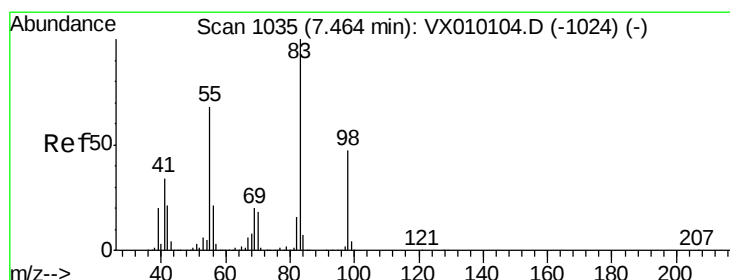
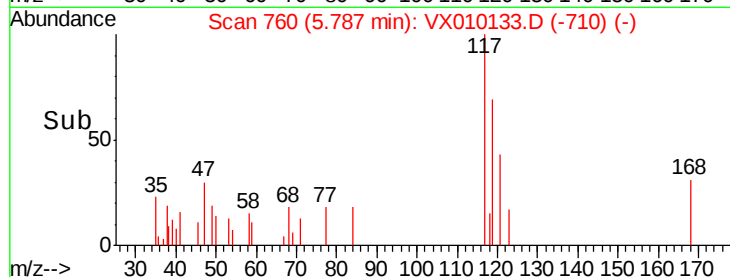
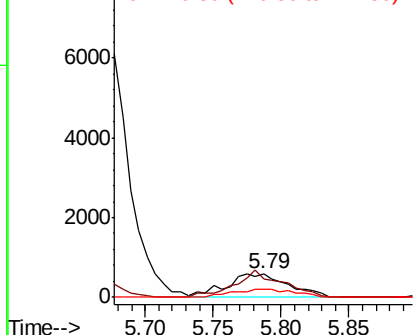
#38
Carbon Tetrachloride
Concen: 0.434 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20190606

Tot Ion:117 Resp: 1882
Ion Ratio Lower Upper
117 100
119 77.9 77.3 115.9
121 35.4 25.4 38.0

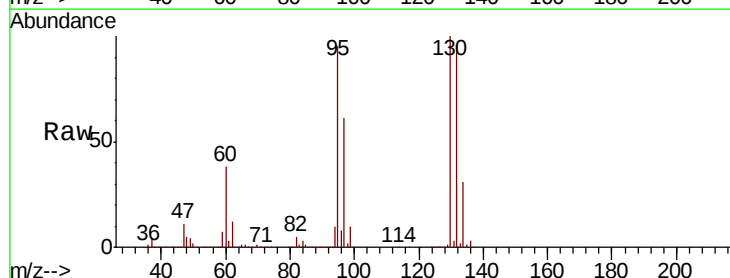


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

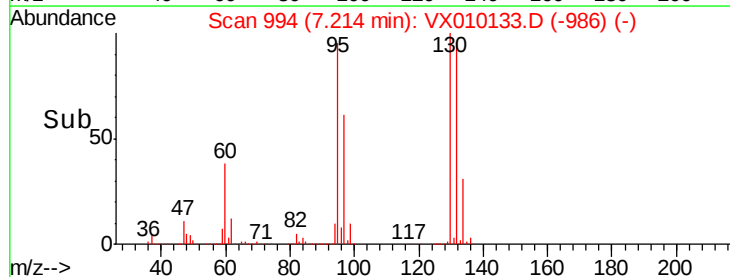
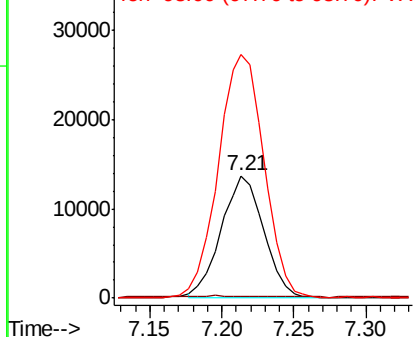


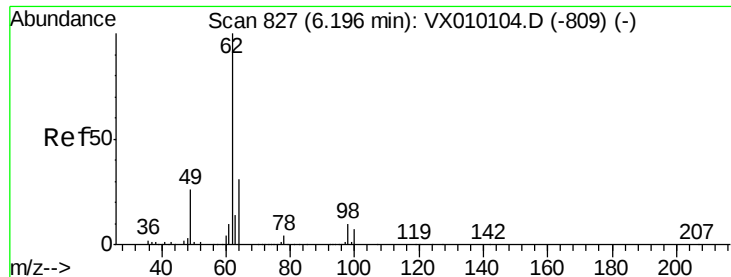
#39
Methylcyclohexane
Concen: 5.436 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

Tgt Ion: 83 Resp: 28351
Ion Ratio Lower Upper
83 100
55 0.3 69.9 104.9#
98 199.0 35.1 52.7#



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





#42

1,2-Dichloroethane

Concen: 0.237 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

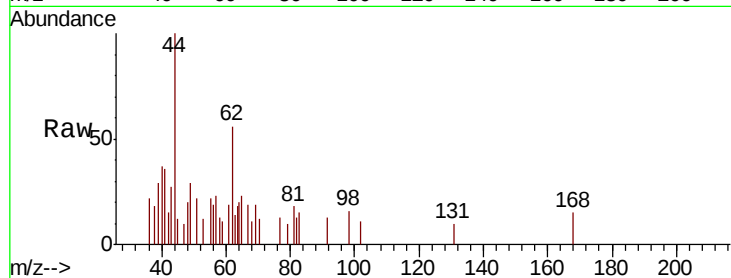
RE120D1-20190606

Tot Ion: 62 Resp: 896

Ion Ratio Lower Upper

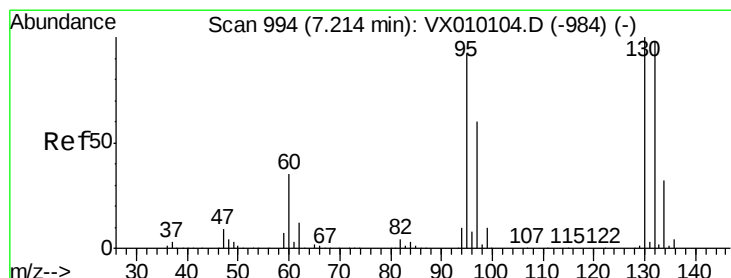
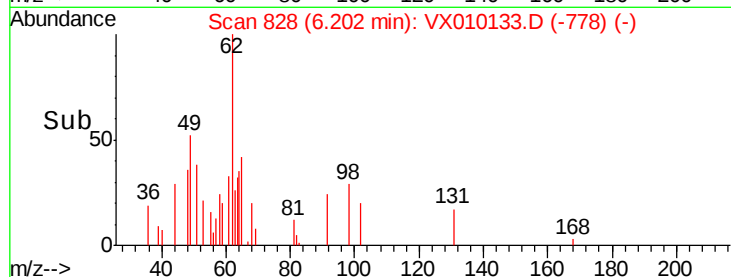
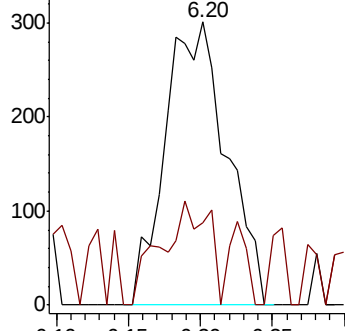
62 100

98 27.9 0.0 17.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 714.031 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010133.D

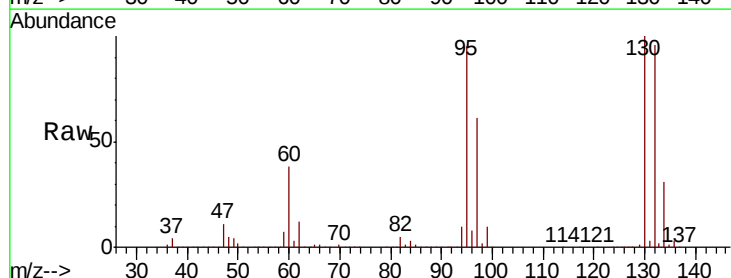
Acq: 08 Jun 2019 00:51

Tgt Ion:130 Resp: 2548853

Ion Ratio Lower Upper

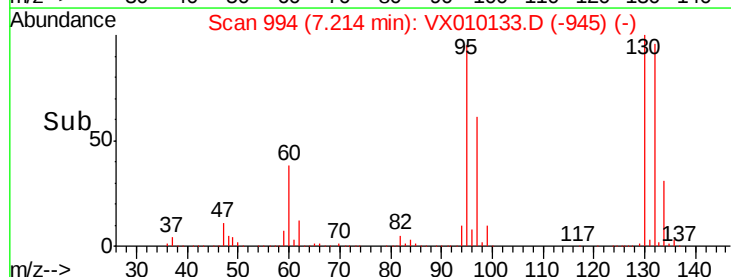
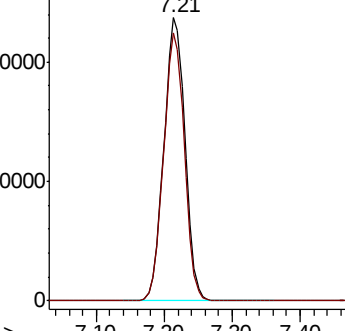
130 100

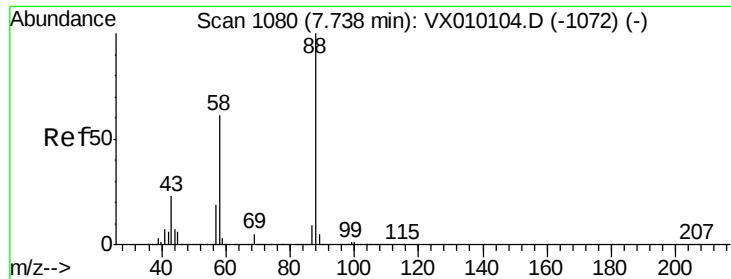
95 94.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

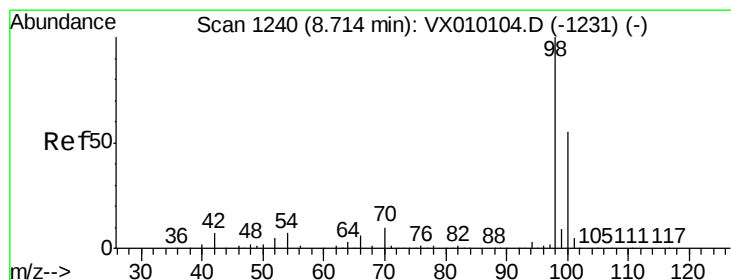
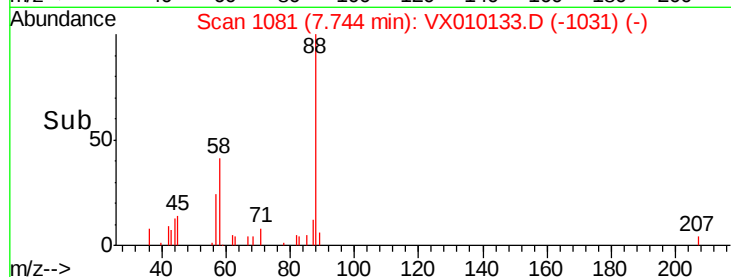
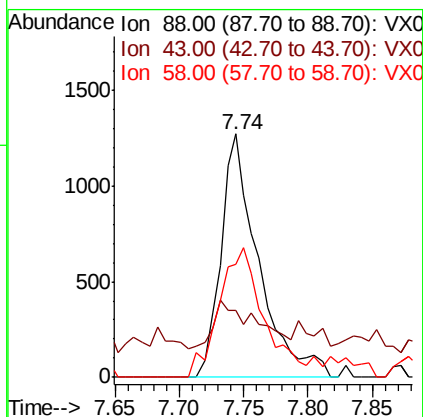
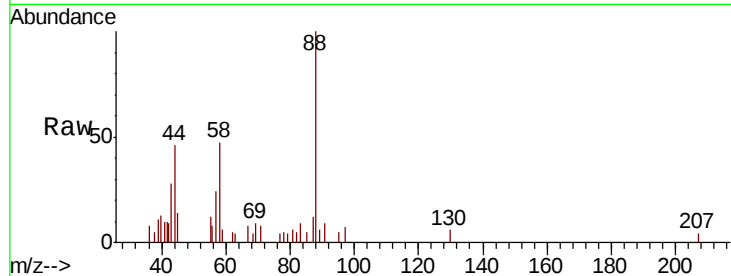




#49
1,4-Dioxane
Concen: 29.031 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

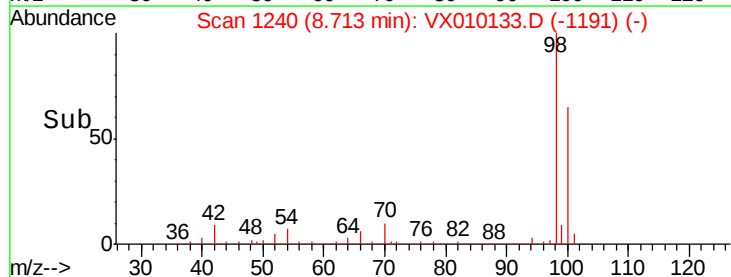
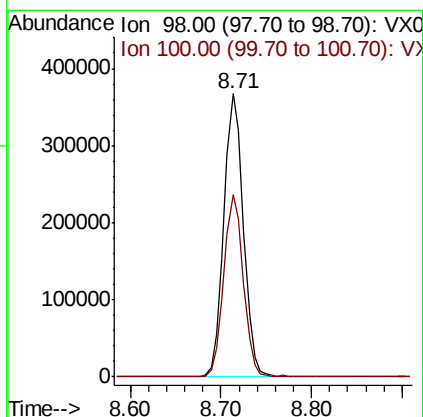
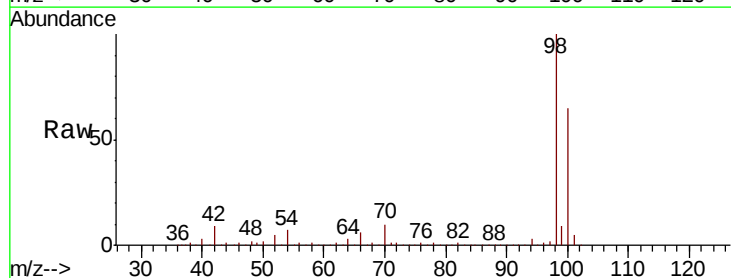
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20190606

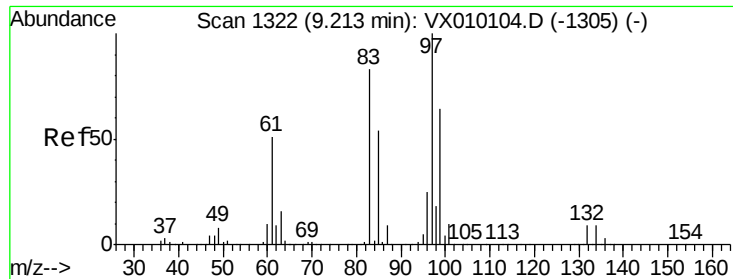
Tot Ion: 88 Resp: 2579
Ion Ratio Lower Upper
88 100
43 23.0 30.2 45.4#
58 64.1 64.0 96.0



#50
Toluene-d8
Concen: 51.022 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010133.D
Acq: 08 Jun 2019 00:51

Tgt Ion: 98 Resp: 553695
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

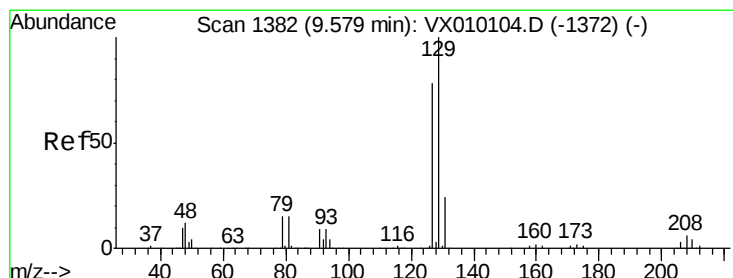
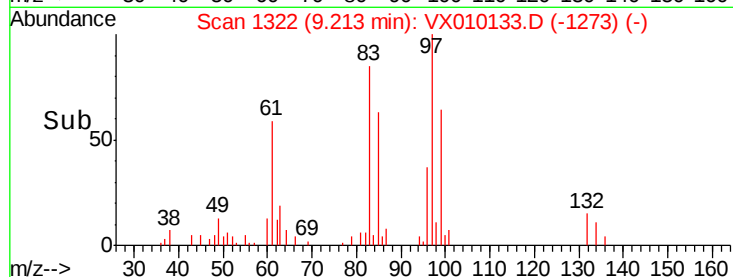
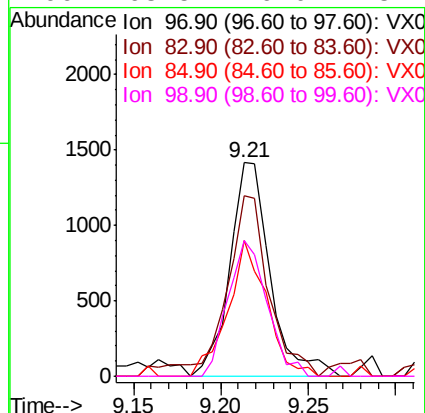
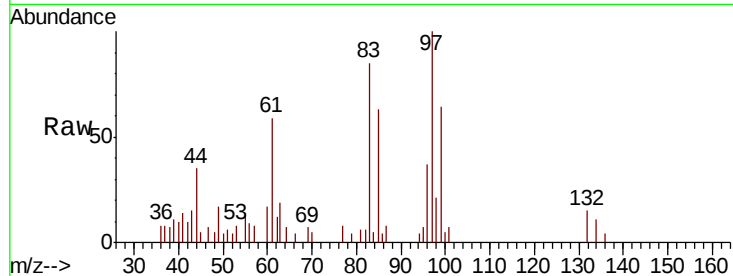




#55
 1,1,2-Trichloroethane
 Concen: 0.713 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010133.D
 Acq: 08 Jun 2019 00:51

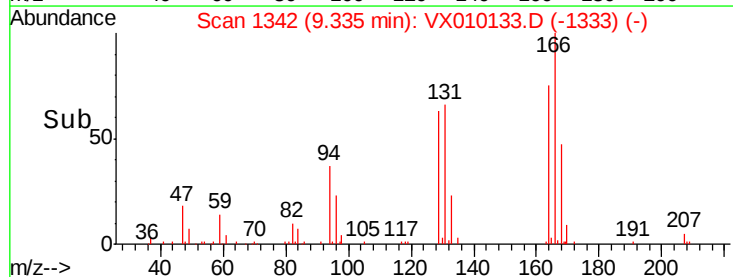
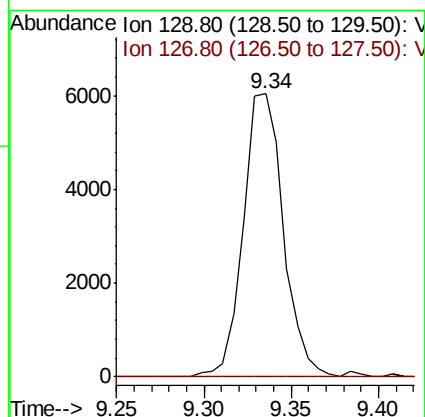
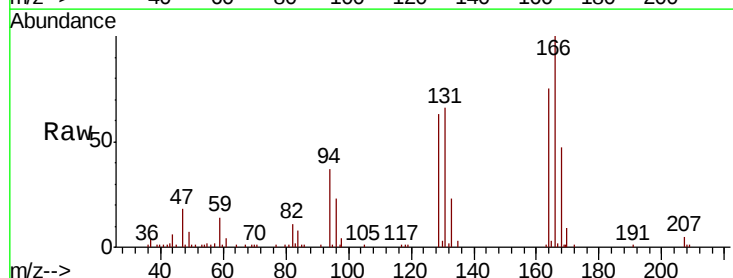
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20190606

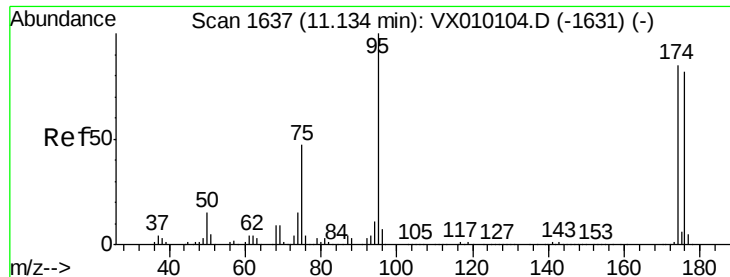
Tot Ion: 97 Resp: 2274
 Ion Ratio Lower Upper
 97 100
 83 79.5 69.8 104.8
 85 63.2 45.3 67.9
 99 63.5 49.0 73.4



#60
 Dibromochloromethane
 Concen: 2.548 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.24 min
 Lab File: VX010133.D
 Acq: 08 Jun 2019 00:51

Tgt Ion: 129 Resp: 9607
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 48.244 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20190606

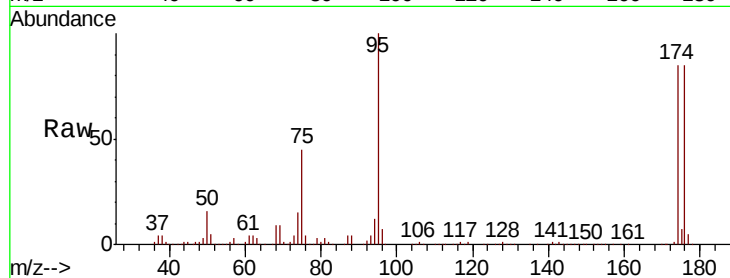
Tot Ion: 95 Resp: 195522

Ion Ratio Lower Upper

95 100

174 90.5 0.0 160.4

176 88.8 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

11.13

200000

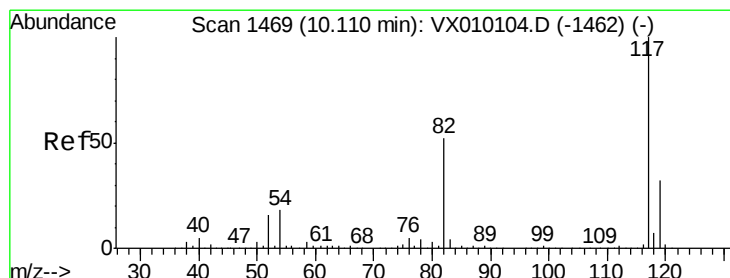
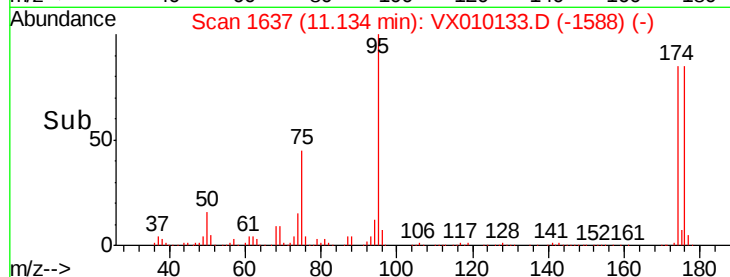
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

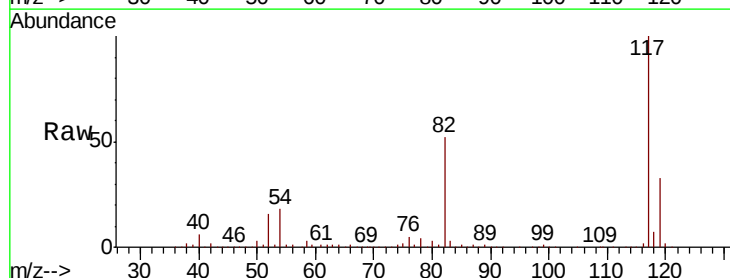
Tgt Ion: 117 Resp: 422746

Ion Ratio Lower Upper

117 100

82 51.7 49.2 73.8

119 32.5 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

10.11

400000

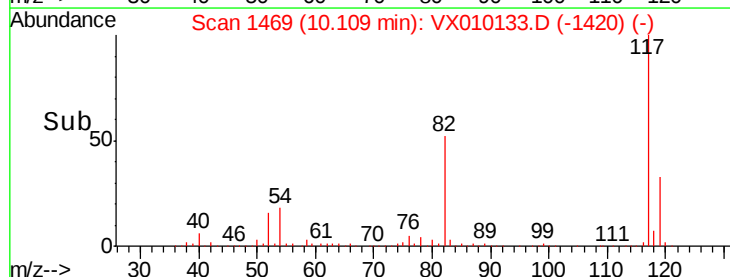
300000

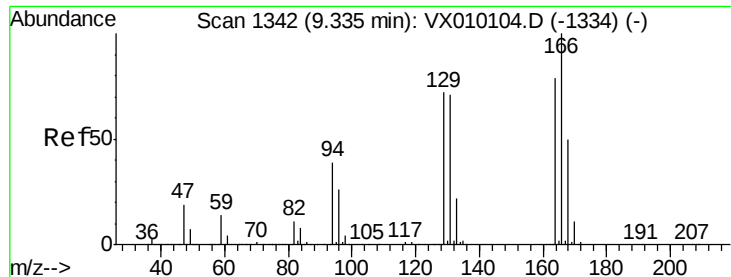
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 3.278 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20190606

Tot Ion:164 Resp: 10292

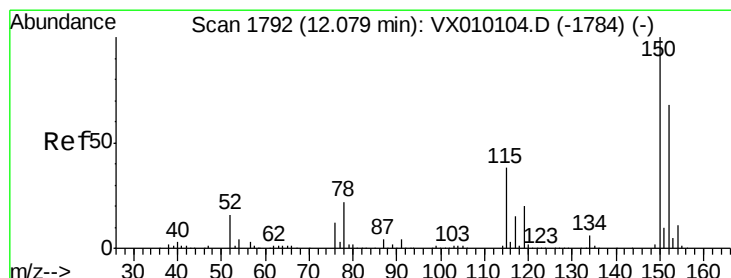
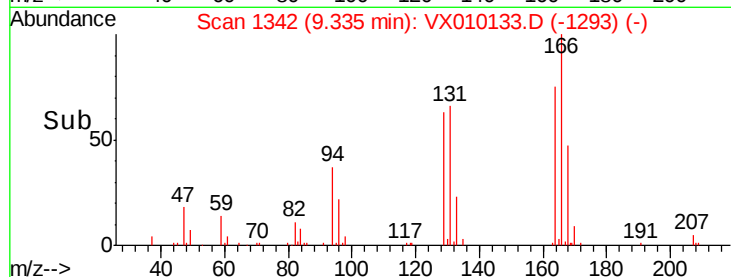
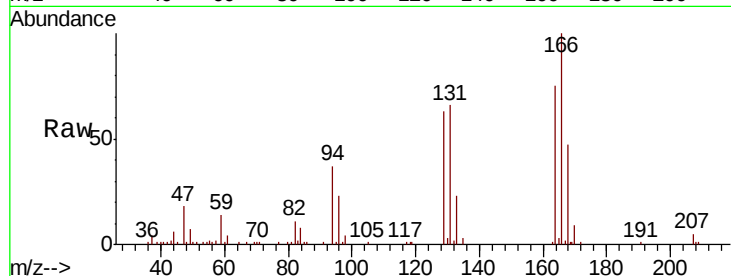
Ion Ratio Lower Upper

164 100

166 133.4 105.0 157.4

129 83.9 75.1 112.7

131 88.1 72.2 108.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

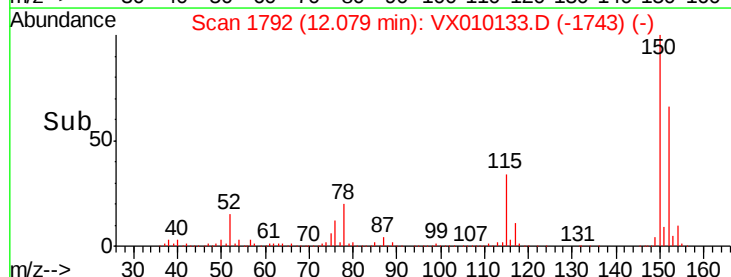
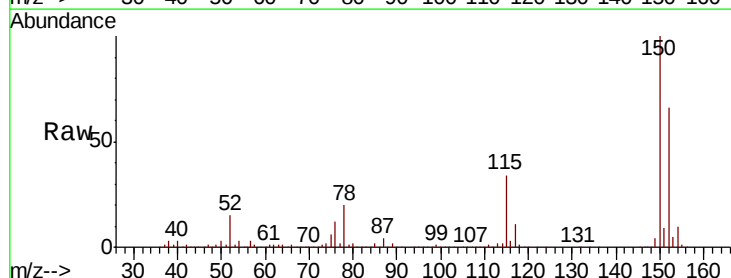
Tgt Ion:152 Resp: 200018

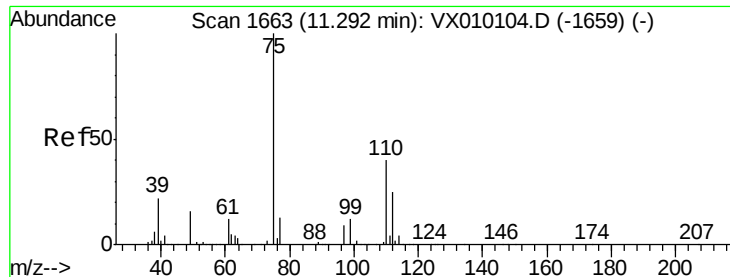
Ion Ratio Lower Upper

152 100

115 53.8 41.4 124.2

150 156.3 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 22.000 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

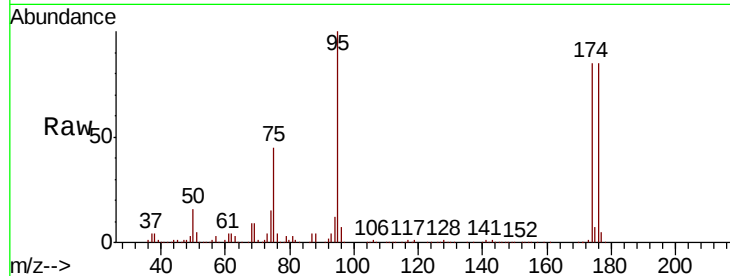
RE120D1-20190606

Tot Ion: 75 Resp: 88018

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

80000

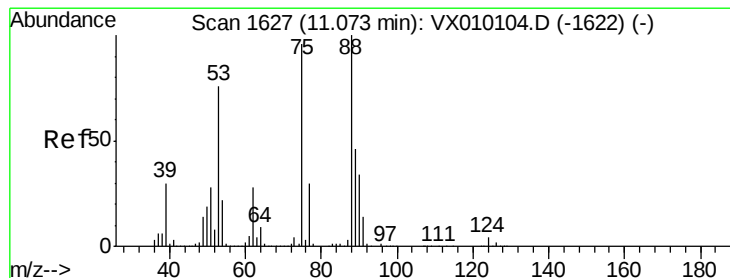
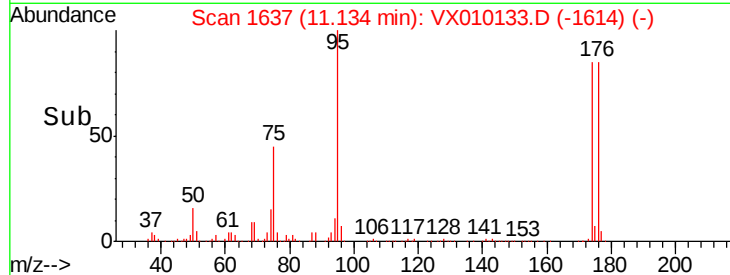
60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 48.608 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010133.D

Acq: 08 Jun 2019 00:51

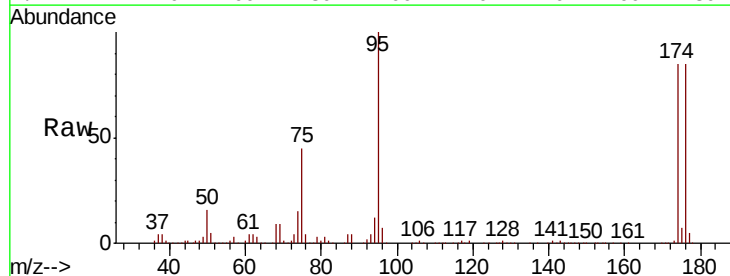
Tgt Ion: 75 Resp: 88018

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.1 34.2 51.4#



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

11.13

80000

60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20

