

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008199.D
 Acq On : 19 Mar 2019 18:55
 Operator : JC/SP
 Sample : K1860-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190311

Quant Time: Mar 20 07:11:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	344021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	555531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	467108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183029	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	239120	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	175784	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	683336	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.13	95	216330	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	

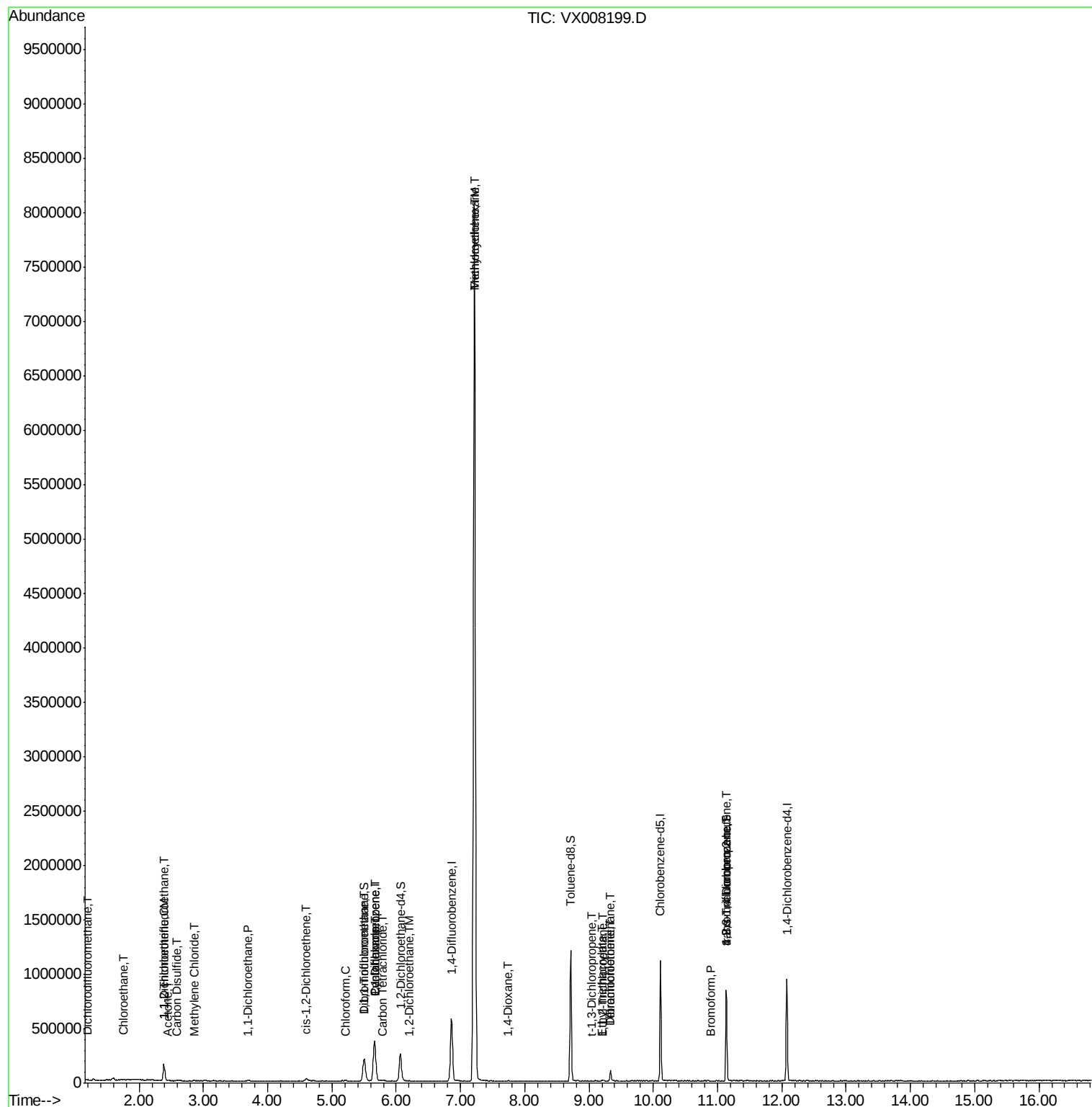
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	894	0.214	ug/l	85
6) Chloroethane	1.75	64	2744	0.839	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54444	12.314	ug/l	91
12) 1,1-Dichloroethene	2.38	96	12783	3.062	ug/l	90
13) Acrolein	2.29	56	210	Below Cal		93
16) Acetone	2.45	43	3164	1.077	ug/l	98
17) Carbon Disulfide	2.59	76	1083	0.754	ug/l #	9
20) Methylene Chloride	2.87	84	1060	0.216	ug/l #	79
24) 1,1-Dichloroethane	3.70	63	6886	0.752	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	12988	2.527	ug/l	97
30) Chloroform	5.22	83	3927	0.459	ug/l	88
31) Cyclohexane	5.67	56	7505	0.873	ug/l #	8
32) 1,1,1-Trichloroethane	5.49	97	1830	0.257	ug/l #	26
36) 1,1-Dichloropropene	5.66	75	27610	4.269	ug/l #	49
38) Carbon Tetrachloride	5.79	117	3030	0.526	ug/l	96
39) Methylcyclohexane	7.21	83	37747	4.850	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1436	0.205	ug/l	78
44) Trichloroethene	7.22	130	2970066	634.524	ug/l	90
49) 1,4-Dioxane	7.75	88	2208	19.202	ug/l #	91
53) t-1,3-Dichloropropene	9.04	75	80	1.432	ug/l #	65
55) 1,1,2-Trichloroethane	9.21	97	2109	0.460	ug/l	93
56) Ethyl methacrylate	9.20	69	52	0.532	ug/l #	1
60) Dibromochloromethane	9.34	129	18221	4.132	ug/l #	11
64) Tetrachloroethene	9.34	164	18563	4.405	ug/l	97
71) Bromoform	10.90	173	50	2.216	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	112774	21.907	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	112774	55.679	ug/l #	11

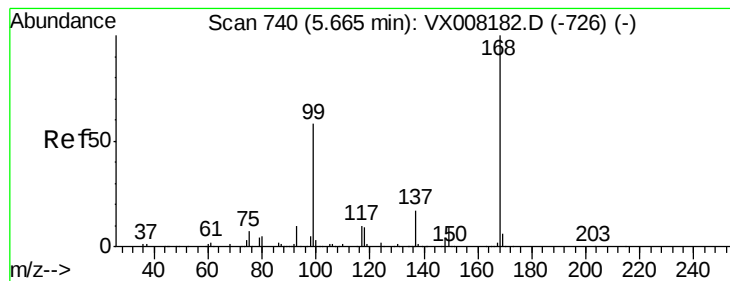
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 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: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

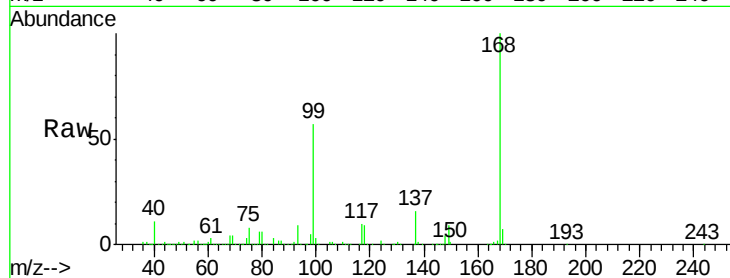
RE120D2-20190311

Tot Ion:168 Resp: 344021

Ion Ratio Lower Upper

168 100

99 56.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

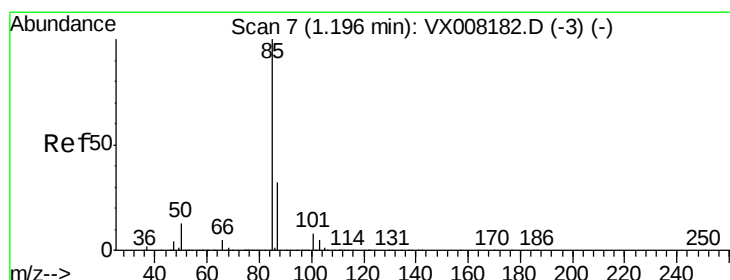
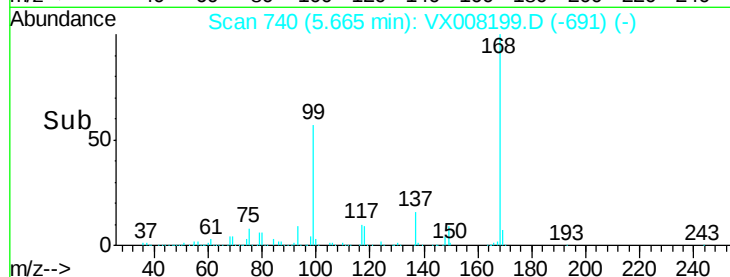
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.214 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008199.D

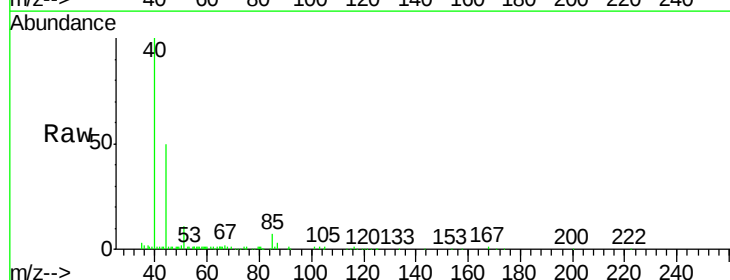
Acq: 19 Mar 2019 18:55

Tgt Ion: 85 Resp: 894

Ion Ratio Lower Upper

85 100

87 41.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1000

800

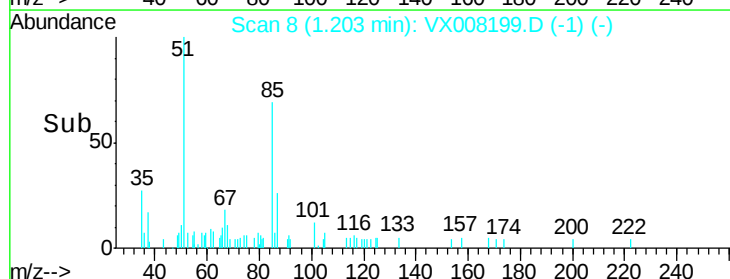
600

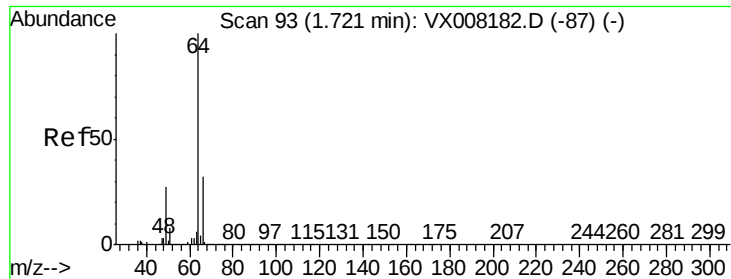
400

200

0

Time--> 1.15 1.20 1.25





#6

Chloroethane

Concen: 0.839 ug/l

RT: 1.75 min Scan# 98

Delta R.T. 0.03 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

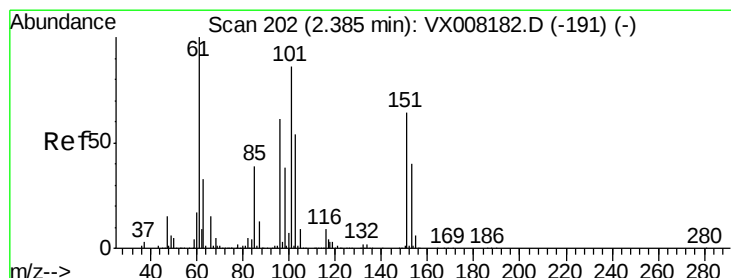
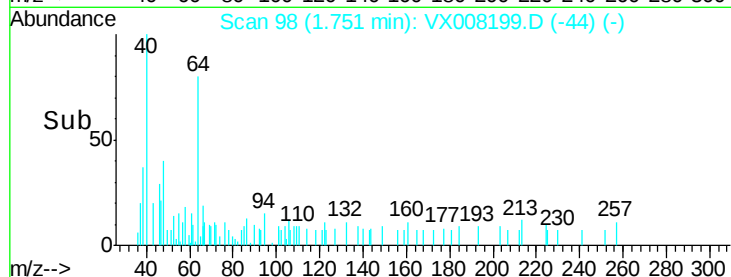
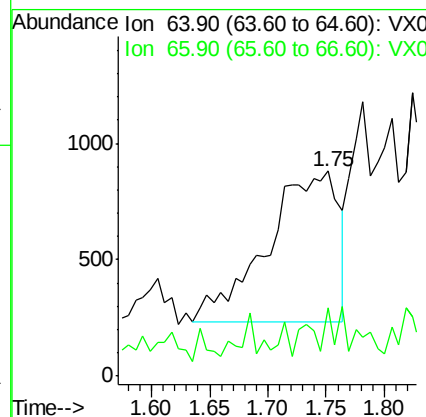
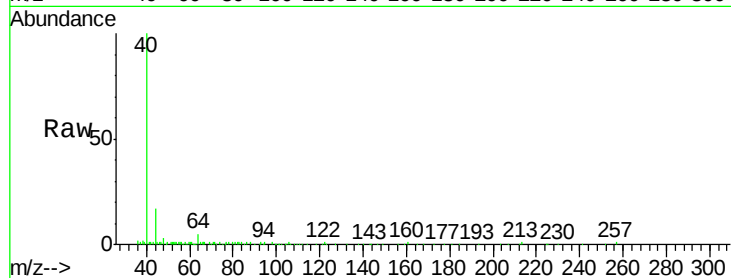
RE120D2-20190311

Tot Ion: 64 Resp: 2744

Ion Ratio Lower Upper

64 100

66 35.6 25.2 37.8



#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.314 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

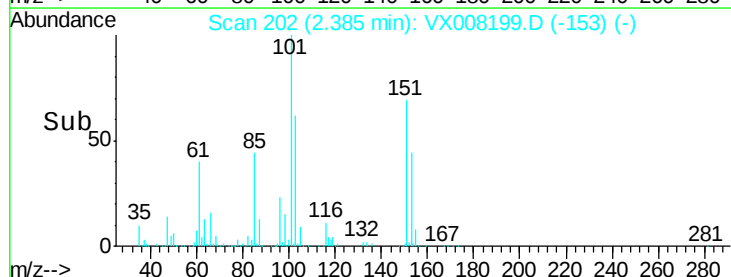
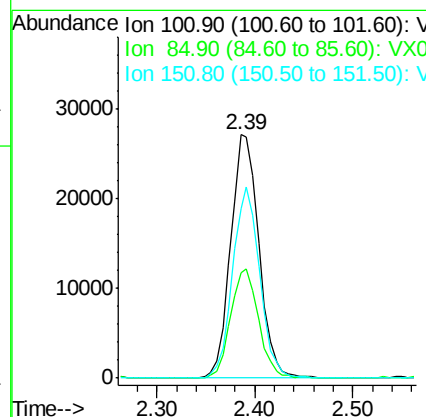
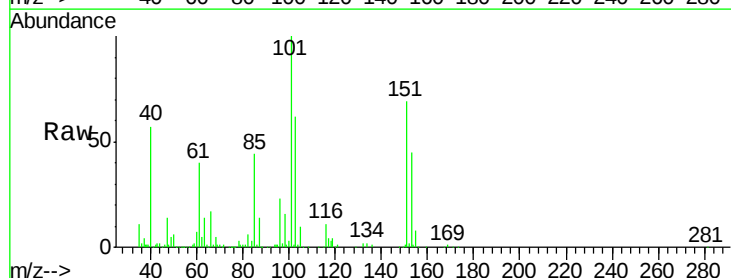
Tgt Ion: 101 Resp: 54444

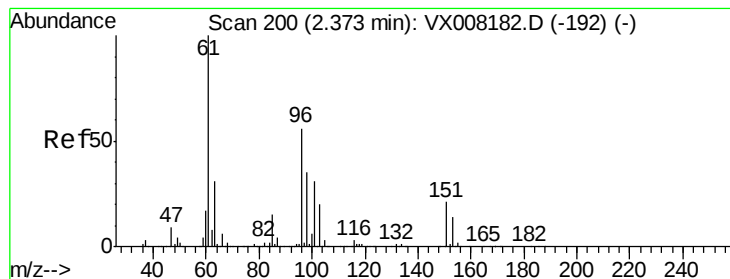
Ion Ratio Lower Upper

101 100

85 44.6 33.8 50.6

151 75.5 69.1 103.7





#12

1,1-Dichloroethene

Concen: 3.062 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190311

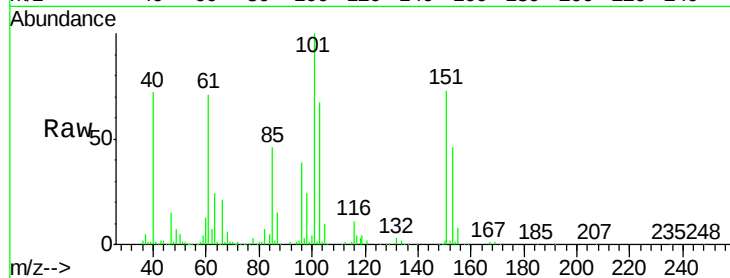
Tot Ion: 96 Resp: 12783

Ion Ratio Lower Upper

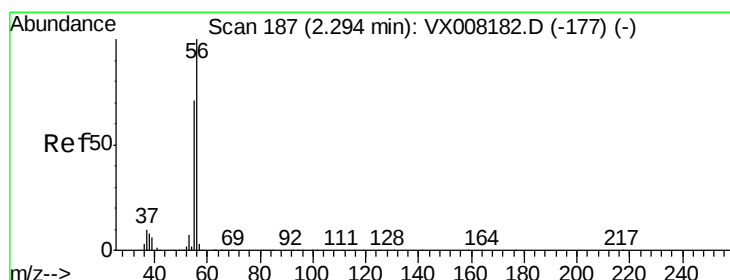
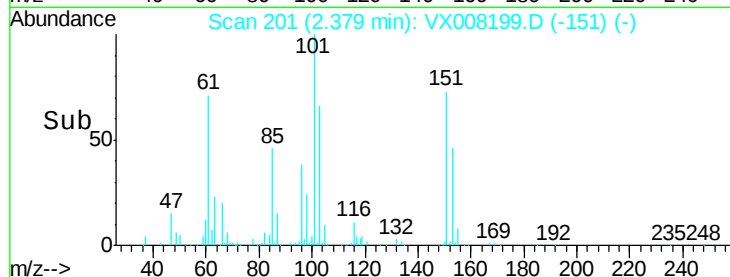
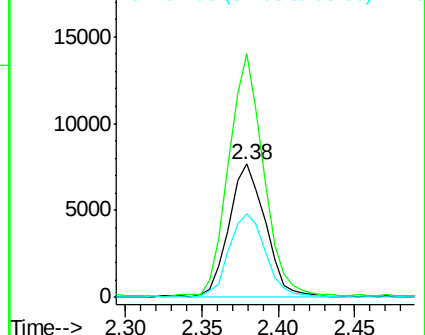
96 100

61 180.7 129.8 194.6

98 62.6 51.0 76.6



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



#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008199.D

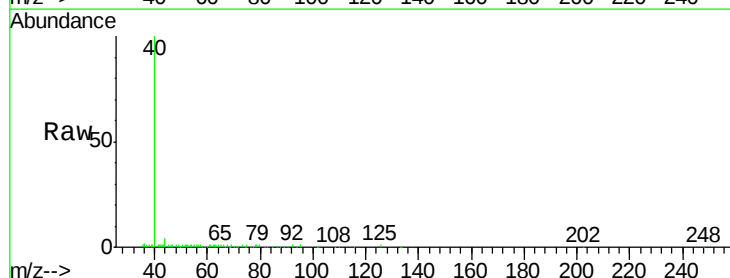
Acq: 19 Mar 2019 18:55

Tgt Ion: 56 Resp: 210

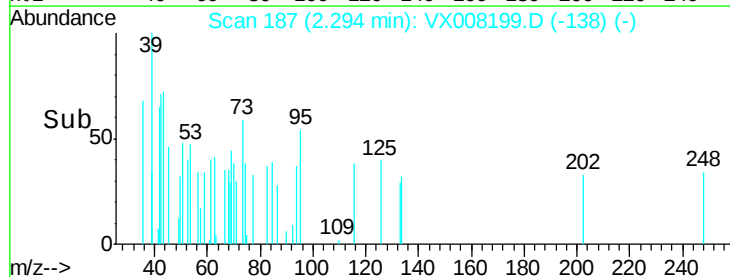
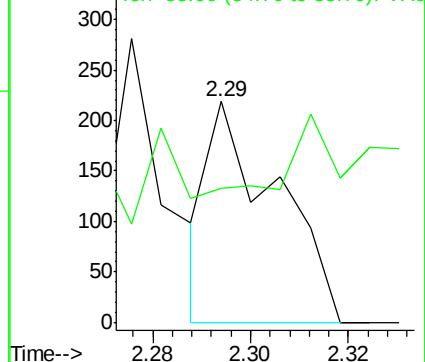
Ion Ratio Lower Upper

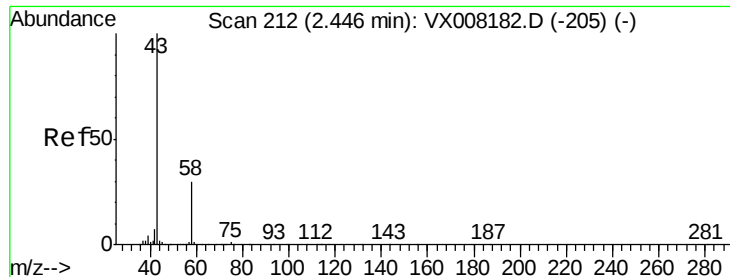
56 100

55 66.2 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 1.077 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

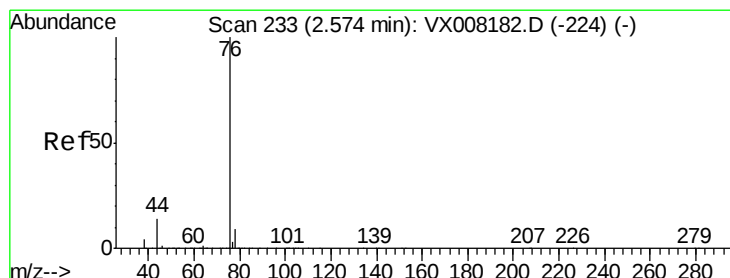
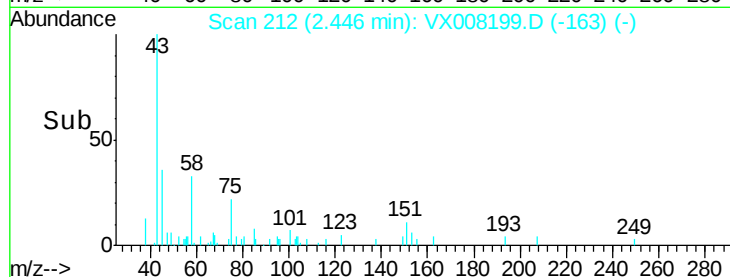
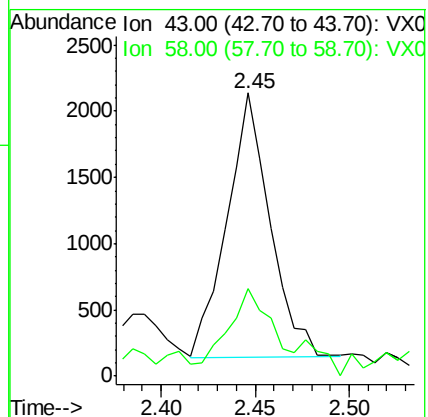
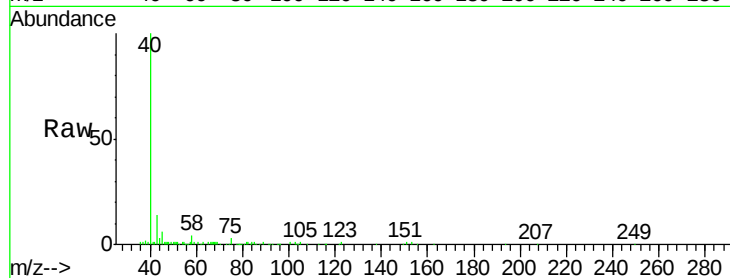
RE120D2-20190311

Tot Ion: 43 Resp: 3164

Ion Ratio Lower Upper

43 100

58 33.2 25.5 38.3



#17

Carbon Disulfide

Concen: 0.754 ug/l

RT: 2.59 min Scan# 235

Delta R.T. 0.01 min

Lab File: VX008199.D

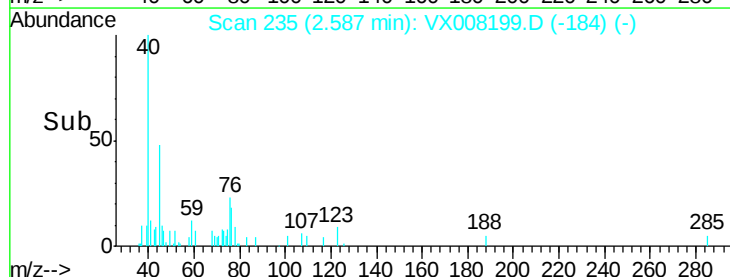
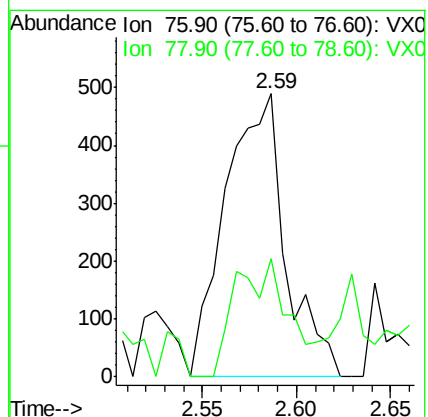
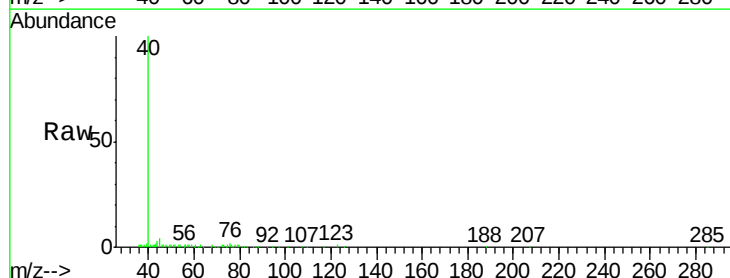
Acq: 19 Mar 2019 18:55

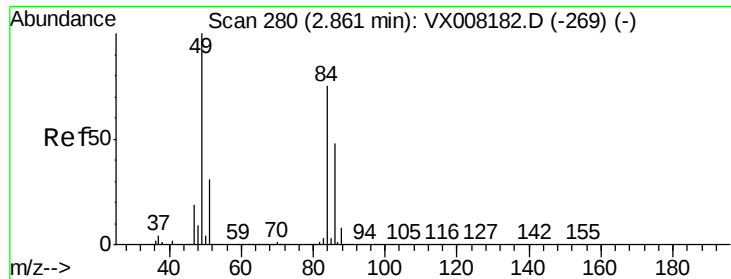
Tgt Ion: 76 Resp: 1083

Ion Ratio Lower Upper

76 100

78 41.9 7.2 10.8#

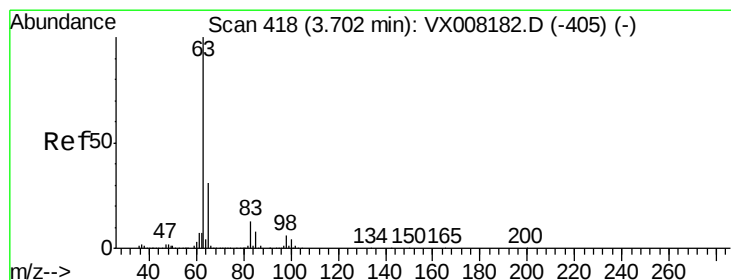
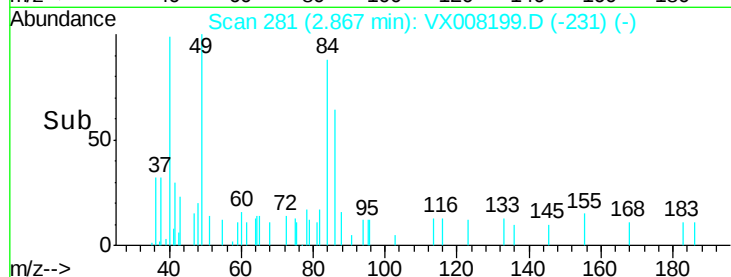
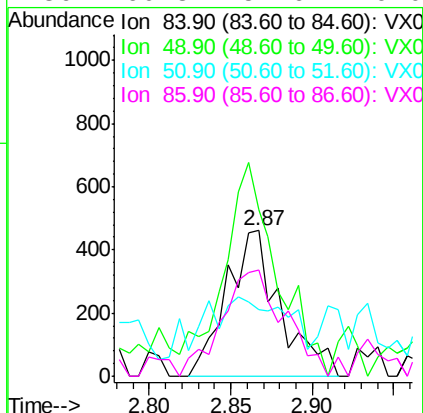
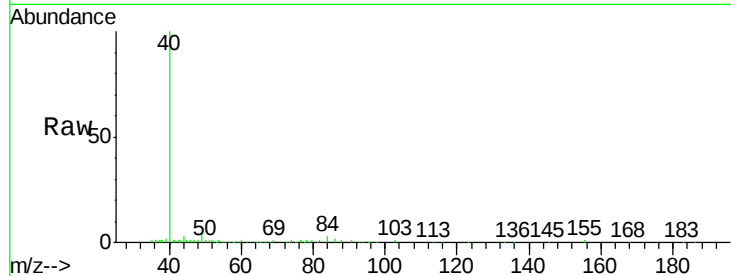




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

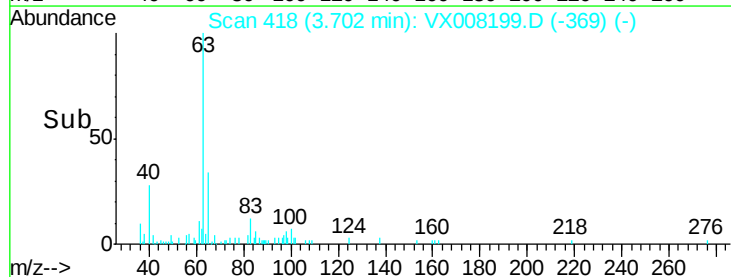
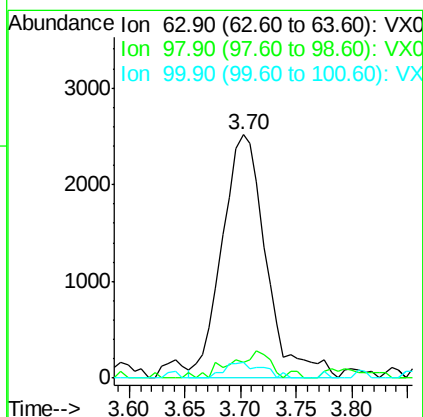
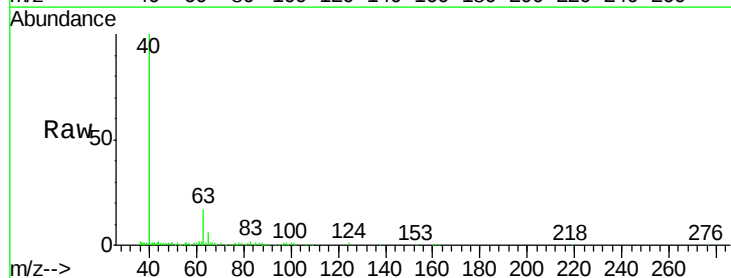
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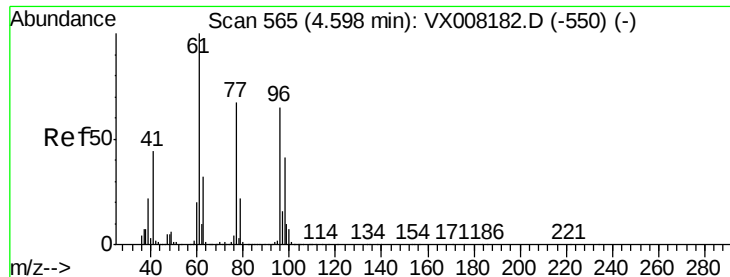
Tot Ion: 84 Resp: 1060
Ion Ratio Lower Upper
84 100
49 90.5 99.3 148.9#
51 28.1 31.3 46.9#
86 60.8 52.6 79.0



#24
1,1-Dichloroethane
Concen: 0.752 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.00 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Tgt Ion: 63 Resp: 6886
Ion Ratio Lower Upper
63 100
98 3.9 3.3 9.8
100 6.6 2.3 6.8



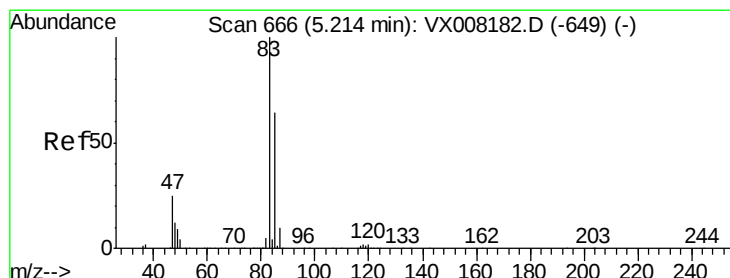
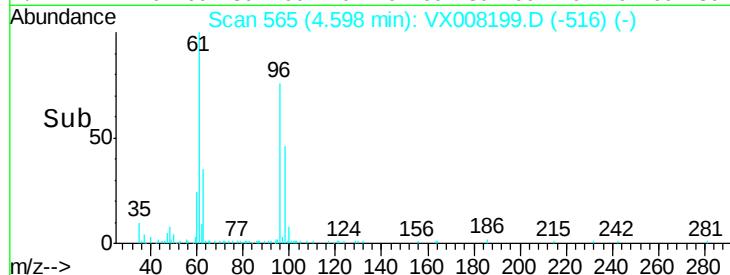
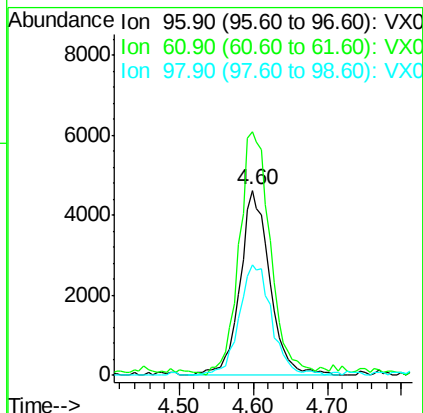
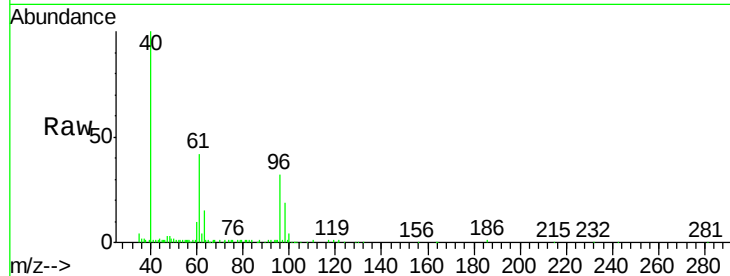


#27

cis-1,2-Dichloroethene
 Concen: 2.527 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

Instrument :
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 ClientSampleId :
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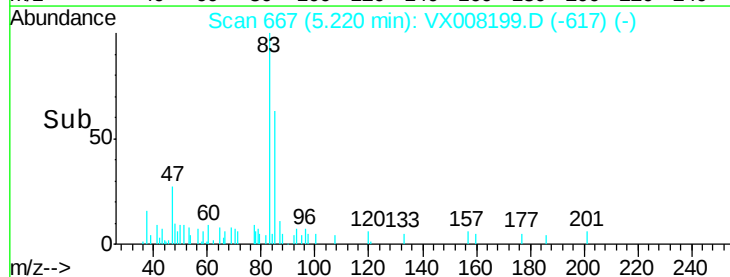
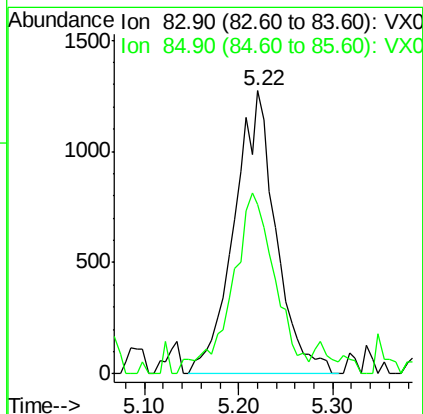
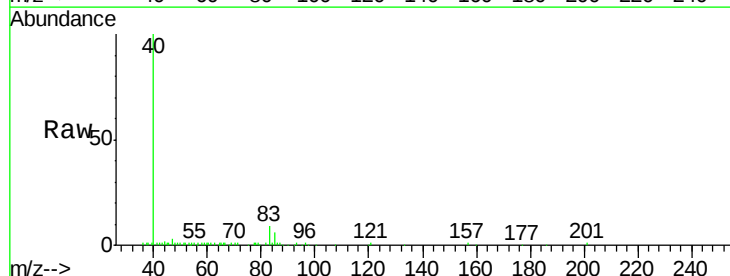
Tot Ion	96	Resp	12988
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	288.0
98	64.2	0.0	129.0

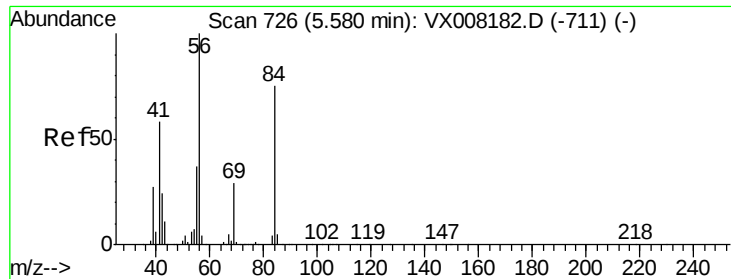


#30

Chloroform
 Concen: 0.459 ug/l
 RT: 5.22 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VX008199.D
 Acq: 19 Mar 2019 18:55

Tgt Ion	83	Resp	3927
Ion	Ratio	Lower	Upper
83	100		
85	55.6	51.8	77.6

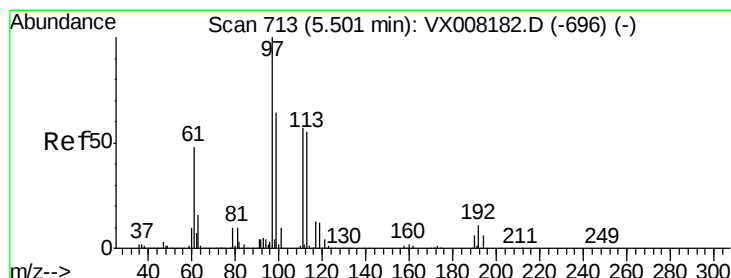
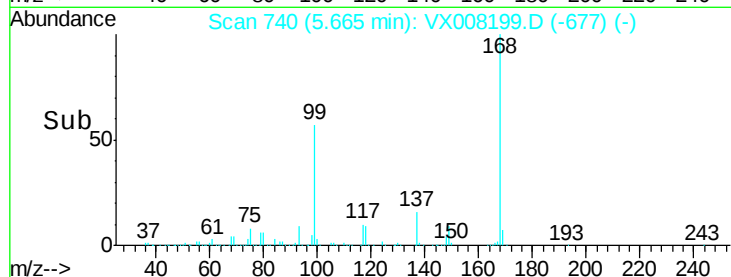
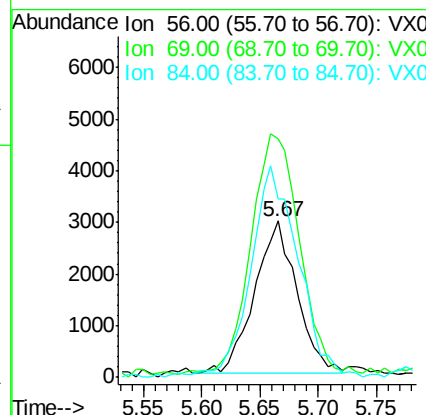
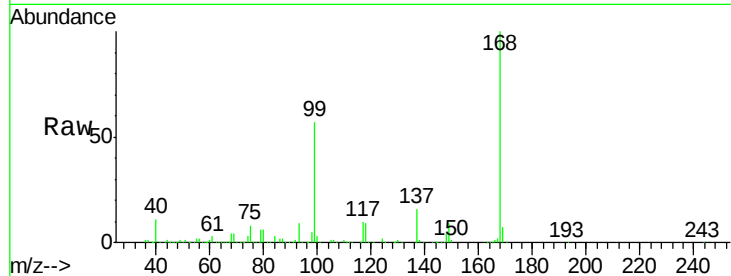




#31
Cyclohexane
Concen: 0.873 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

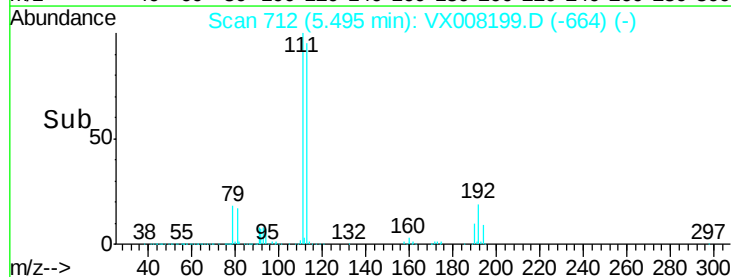
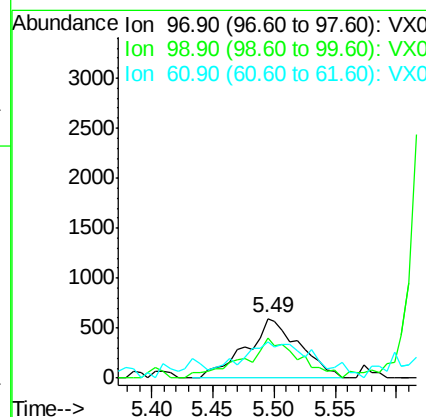
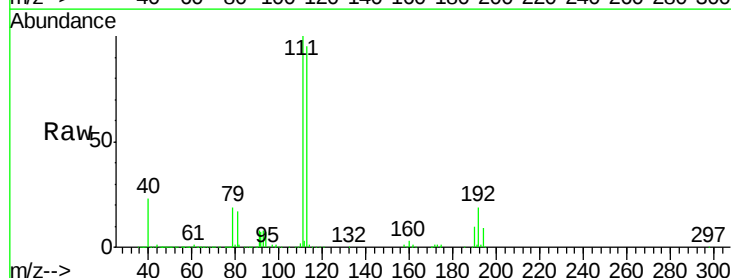
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190311

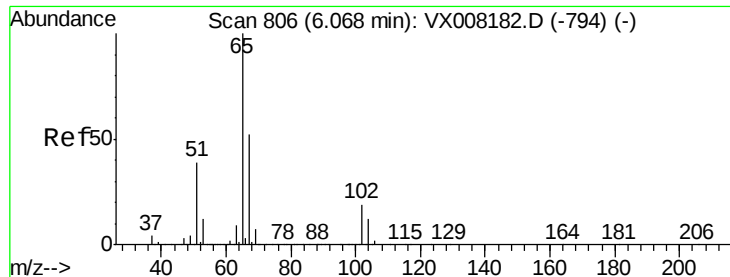
Tot Ion: 56 Resp: 7505
Ion Ratio Lower Upper
56 100
69 155.4 24.0 36.0#
84 117.8 65.3 97.9#



#32
1,1,1-Trichloroethane
Concen: 0.257 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Tgt Ion: 97 Resp: 1830
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 82.8 34.9 52.3#





#33

1,2-Dichloroethane-d4

Concen: 46.151 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

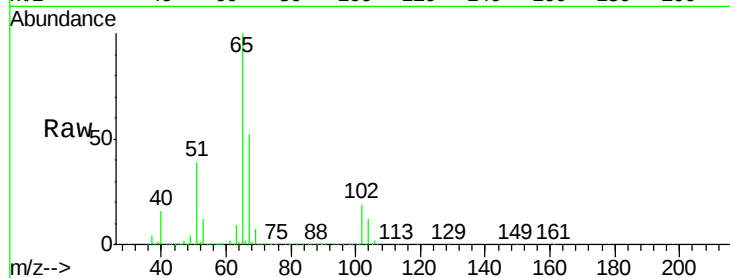
RE120D2-20190311

Tot Ion: 65 Resp: 239120

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

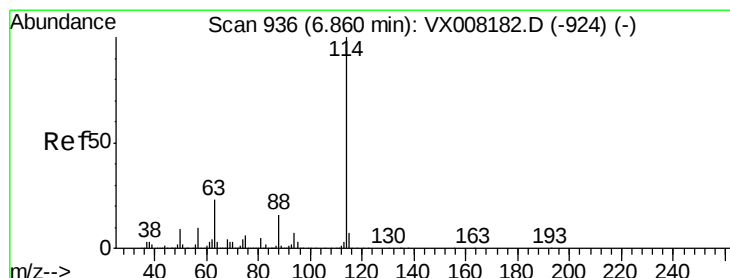
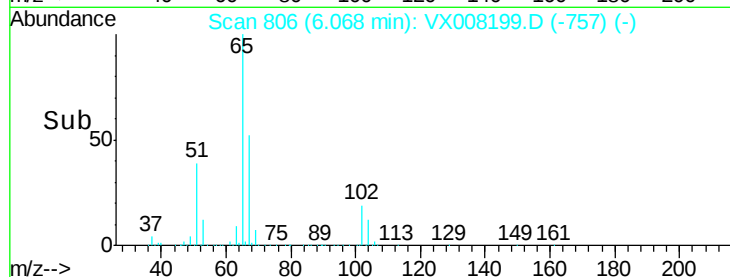
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

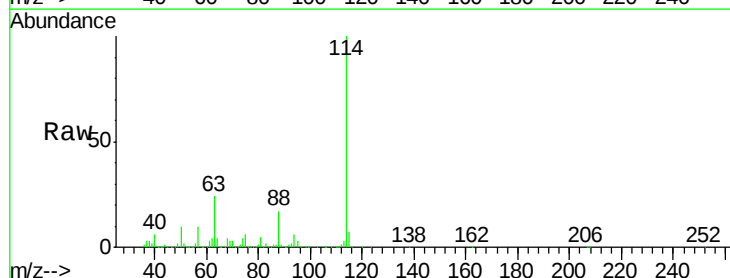
Tgt Ion: 114 Resp: 555531

Ion Ratio Lower Upper

114 100

63 24.2 0.0 39.8

88 17.1 0.0 31.4



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

6.86

300000

250000

200000

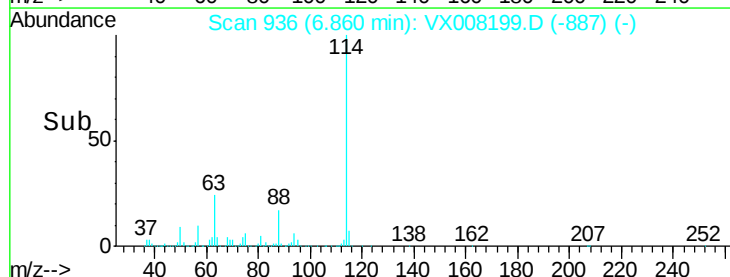
150000

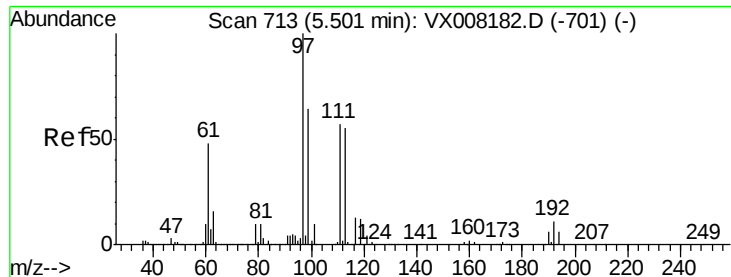
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 47.268 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190311

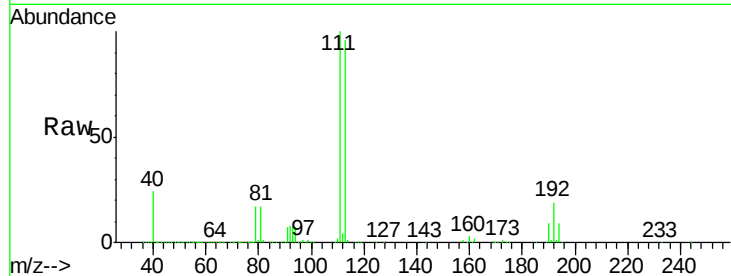
Tot Ion:113 Resp: 175784

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

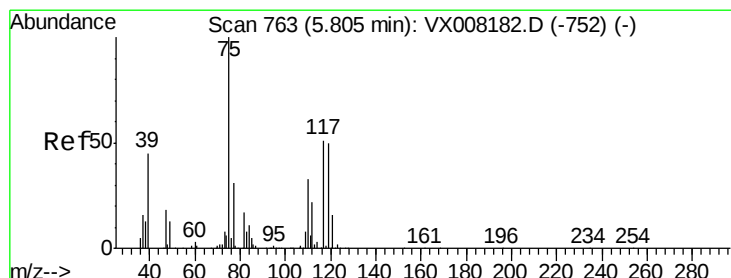
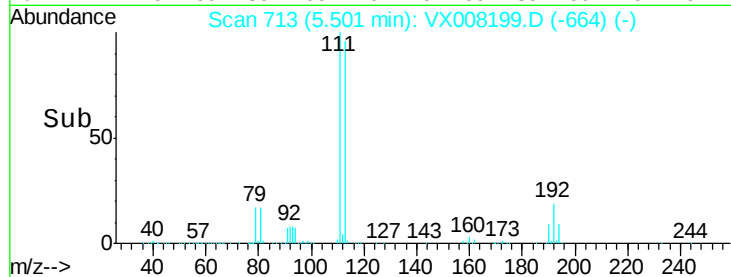
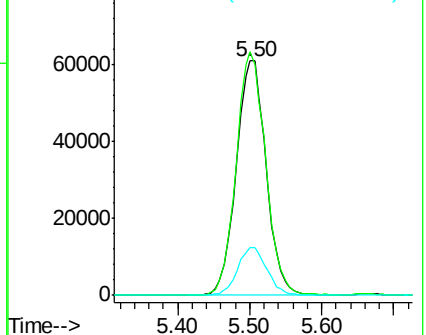
192 20.1 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.269 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.15 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

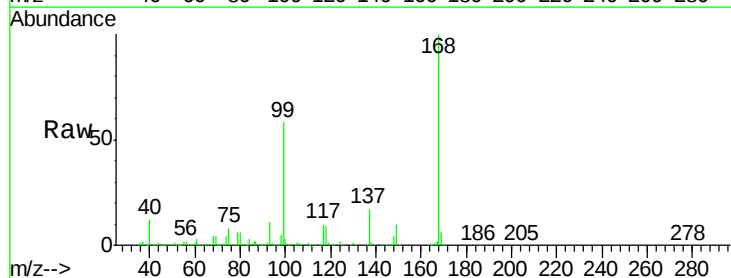
Tgt Ion: 75 Resp: 27610

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.0#

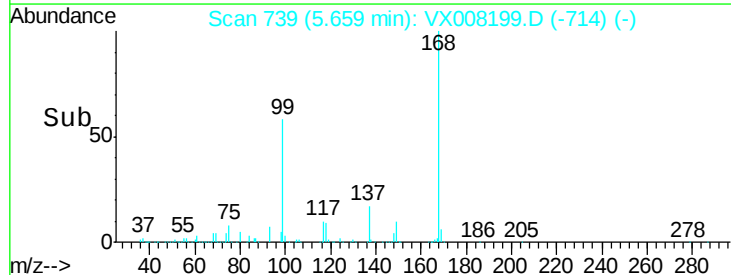
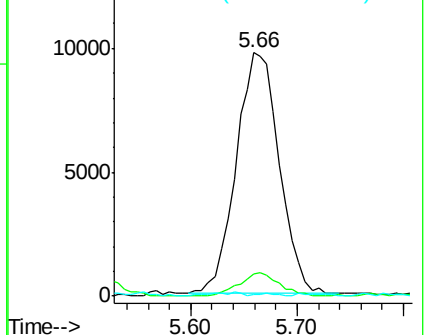
77 0.5 25.0 37.4#

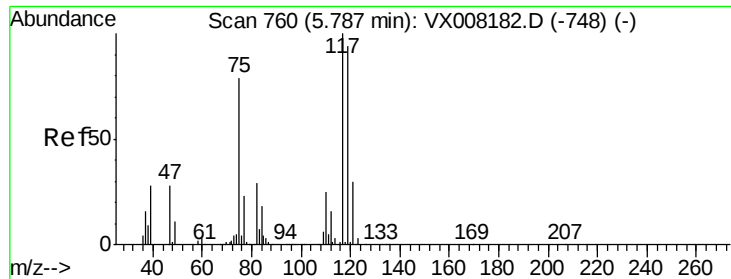


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

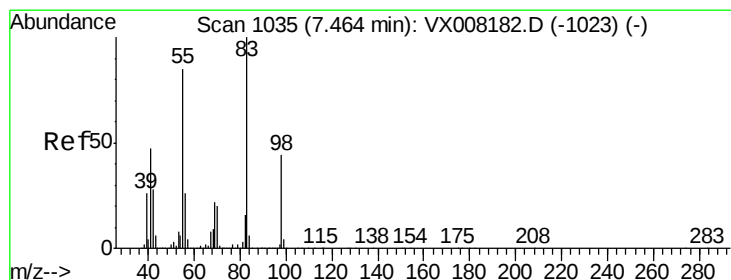
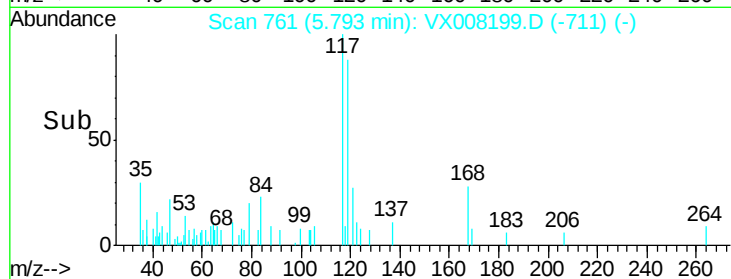
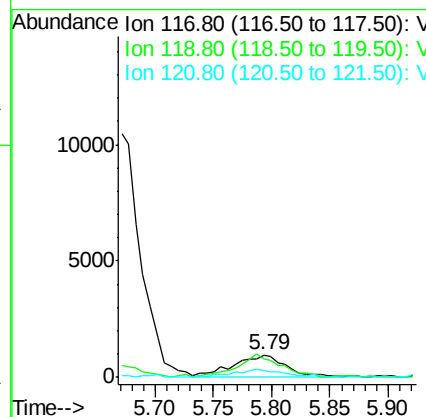
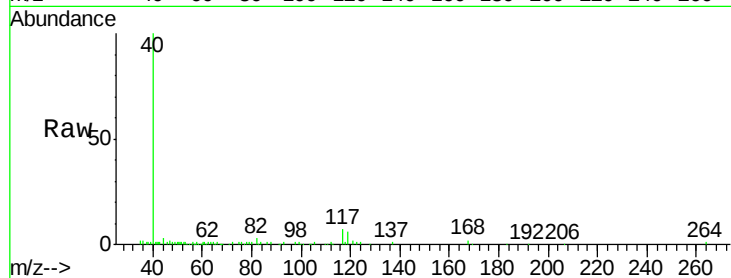




#38
Carbon Tetrachloride
Concen: 0.526 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

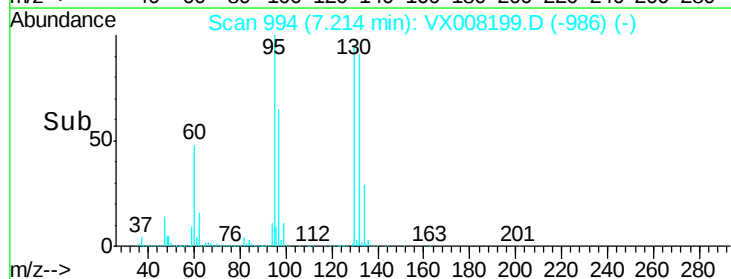
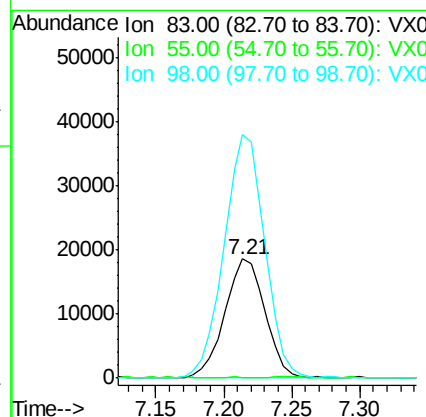
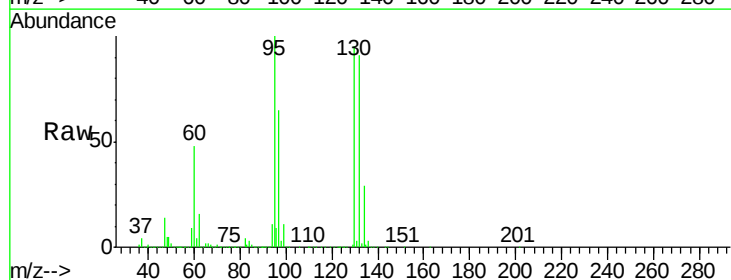
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190311

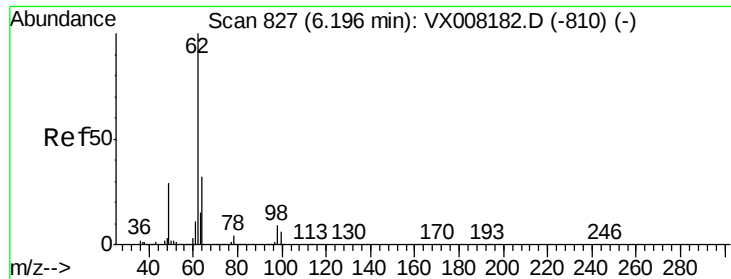
Tot Ion:117 Resp: 3030
Ion Ratio Lower Upper
117 100
119 90.3 76.2 114.2
121 31.2 24.6 36.8



#39
Methylcyclohexane
Concen: 4.850 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Tgt Ion: 83 Resp: 37747
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 206.1 36.5 54.7#





#42

1,2-Dichloroethane

Concen: 0.205 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

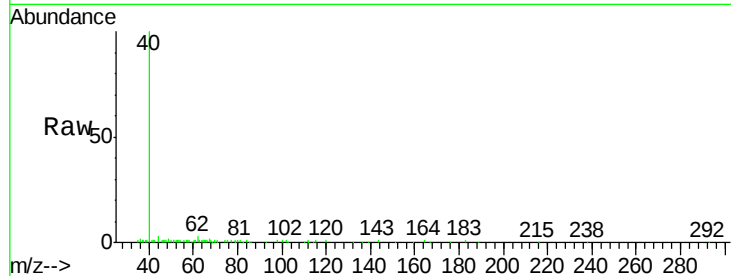
RE120D2-20190311

Tot Ion: 62 Resp: 1436

Ion Ratio Lower Upper

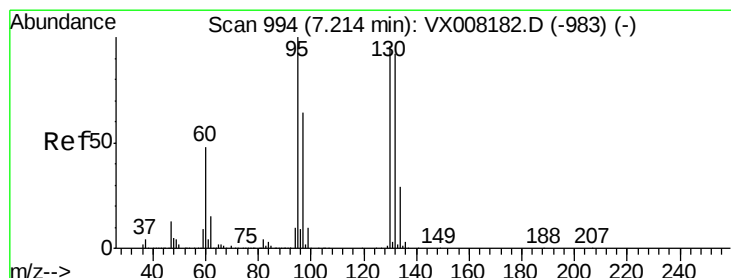
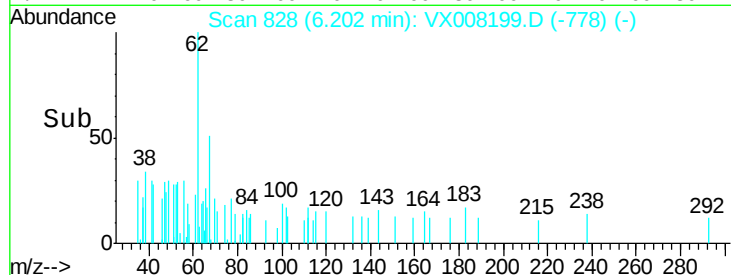
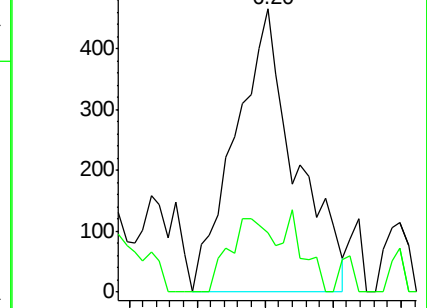
62 100

98 18.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 634.524 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008199.D

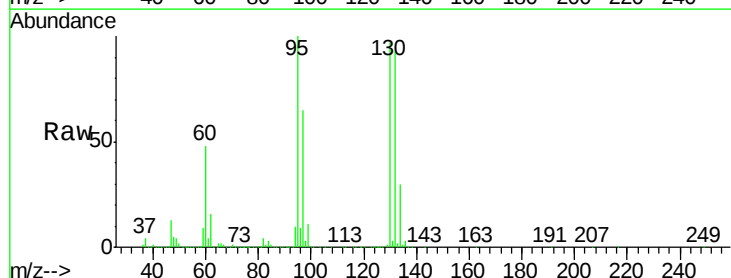
Acq: 19 Mar 2019 18:55

Tgt Ion:130 Resp: 2970066

Ion Ratio Lower Upper

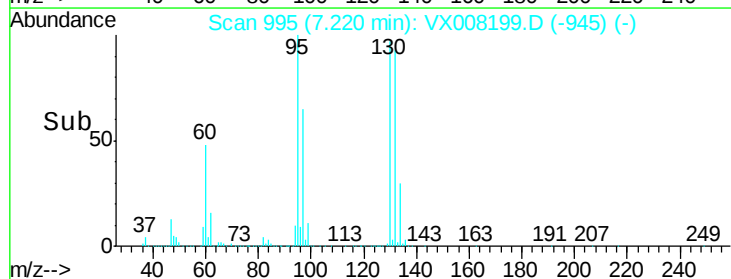
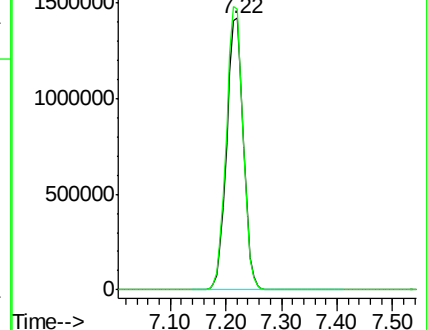
130 100

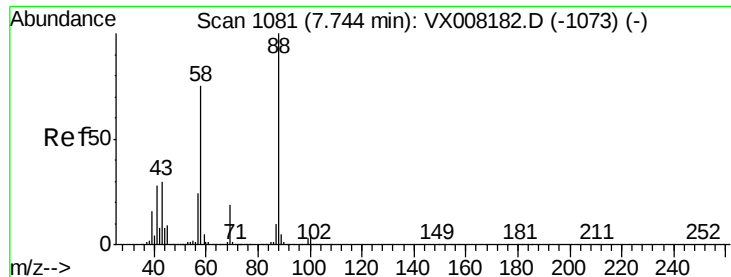
95 103.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

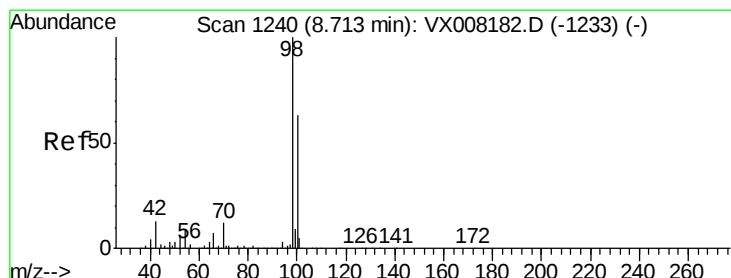
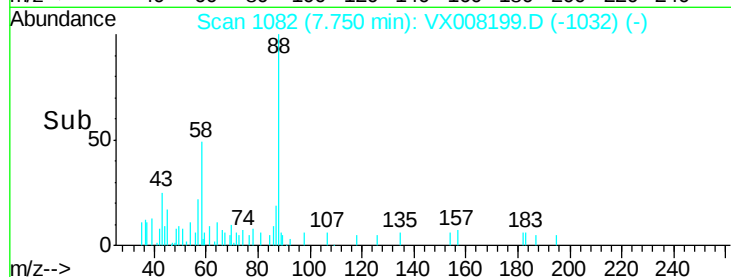
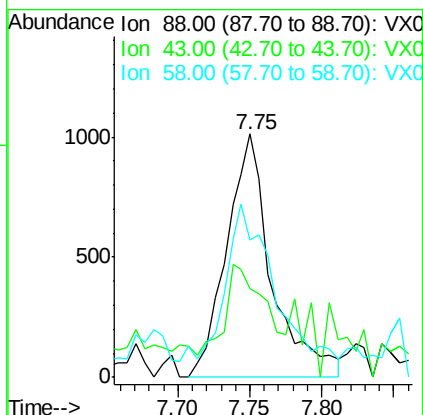
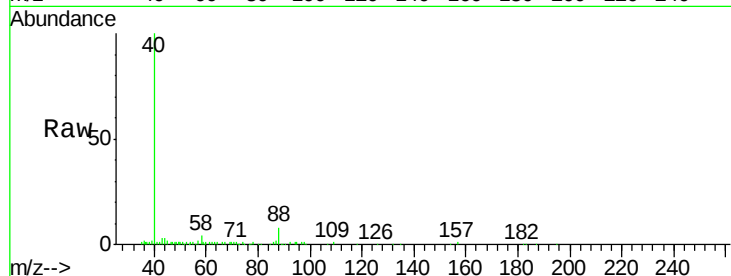




#49
1,4-Dioxane
Concen: 19.202 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

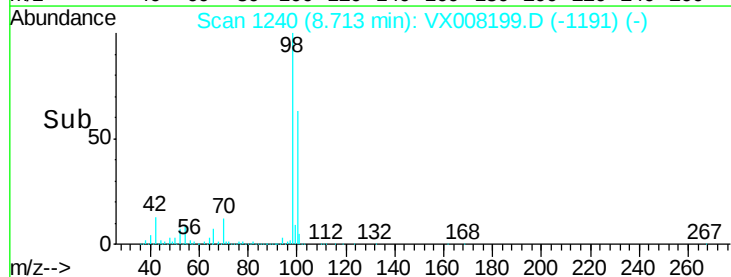
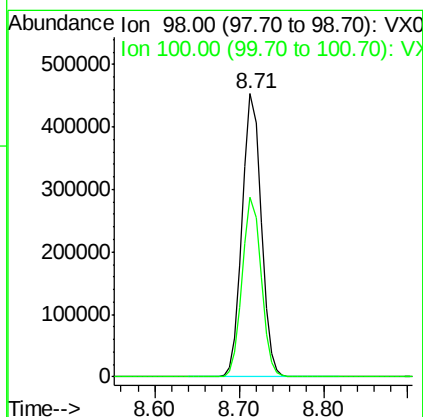
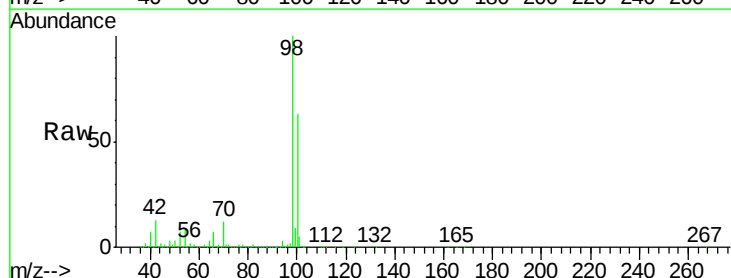
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190311

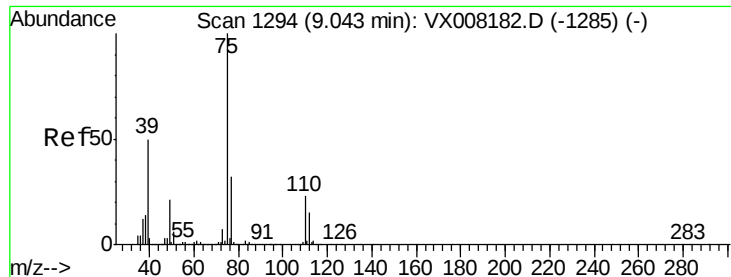
Tot Ion: 88 Resp: 2208
Ion Ratio Lower Upper
88 100
43 38.4 25.1 37.7#
58 66.4 57.8 86.6



#50
Toluene-d8
Concen: 48.465 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008199.D
Acq: 19 Mar 2019 18:55

Tgt Ion: 98 Resp: 683336
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5





#53

t-1,3-Dichloropropene

Concen: 1.432 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

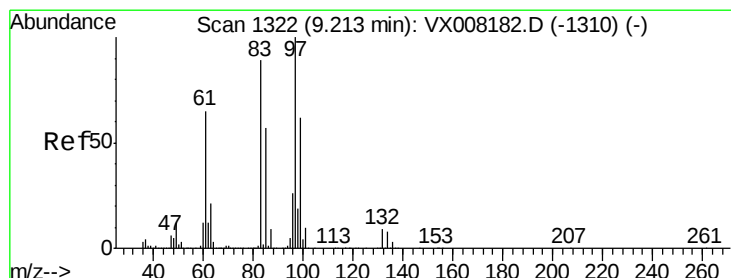
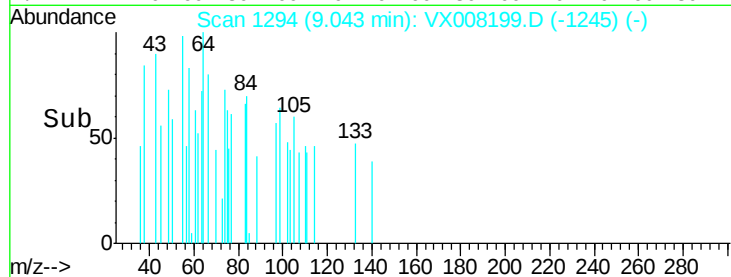
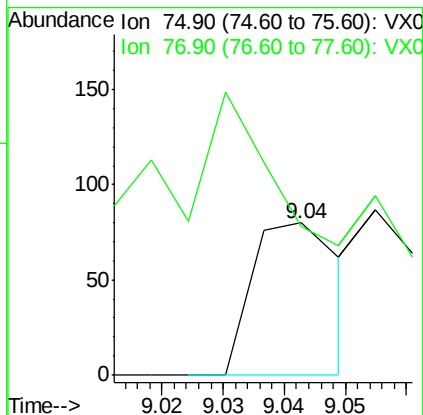
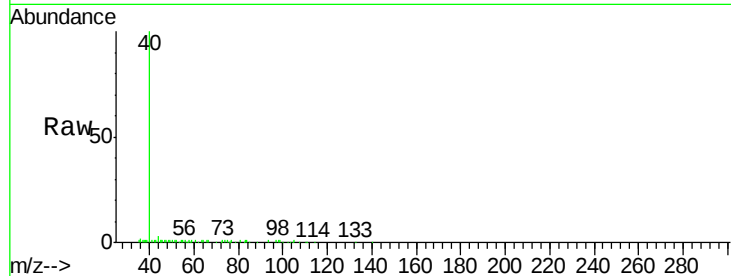
RE120D2-20190311

Tot Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

77 12.5 25.4 38.0#



#55

1,1,2-Trichloroethane

Concen: 0.460 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Tgt Ion: 97 Resp: 2109

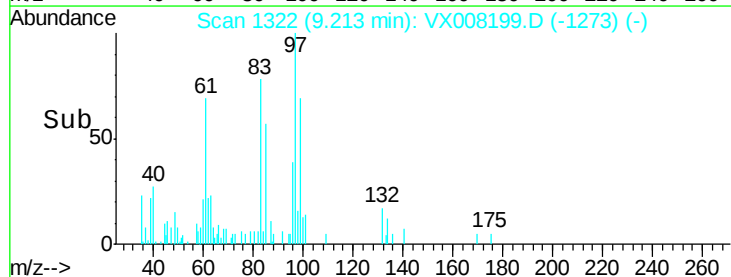
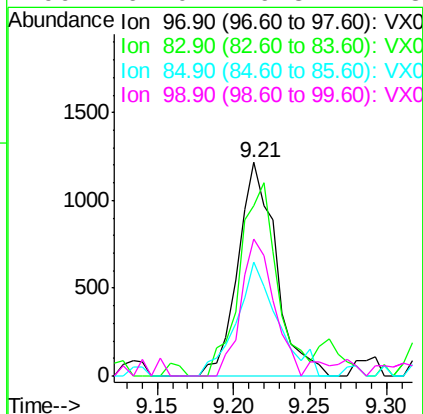
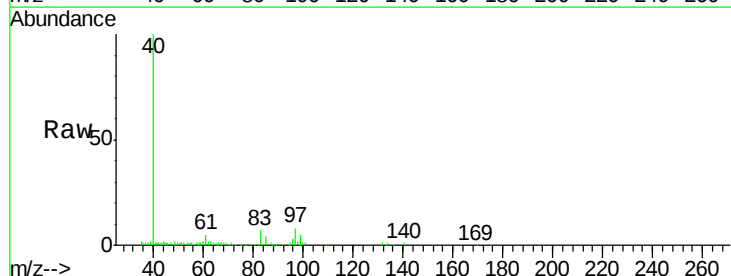
Ion Ratio Lower Upper

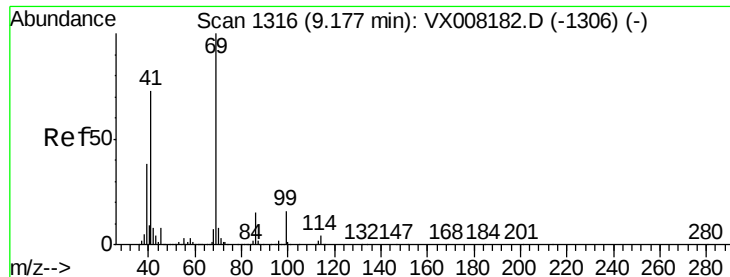
97 100

83 74.9 69.1 103.7

85 53.2 44.3 66.5

99 64.0 49.8 74.8





#56

Ethyl methacrylate

Concen: 0.532 ug/l

RT: 9.20 min Scan# 1319

Delta R.T. 0.02 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190311

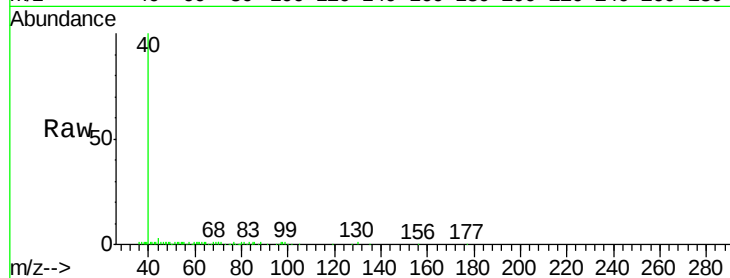
Tot Ion: 69 Resp: 52

Ion Ratio Lower Upper

69 100

41 644.2 54.2 81.4#

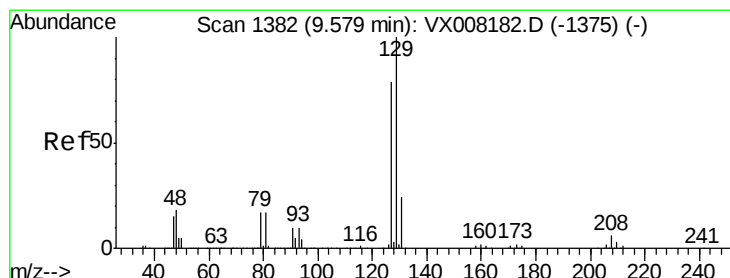
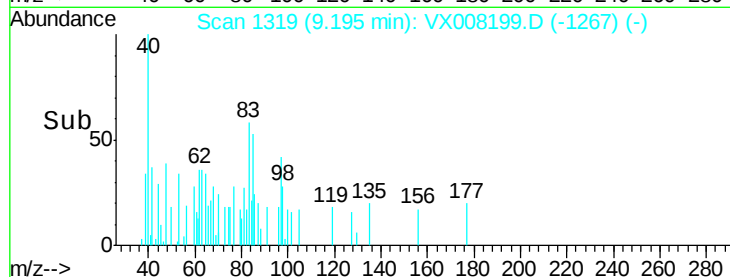
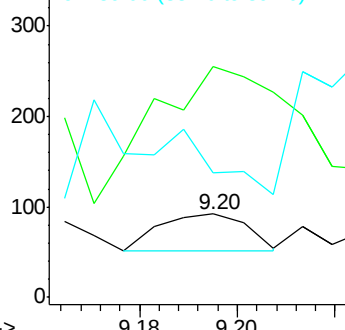
39 0.0 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 4.132 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX008199.D

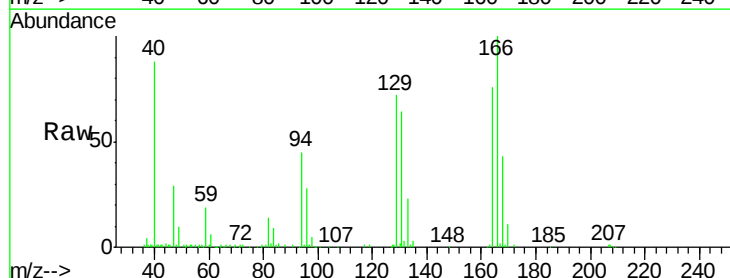
Acq: 19 Mar 2019 18:55

Tgt Ion: 129 Resp: 18221

Ion Ratio Lower Upper

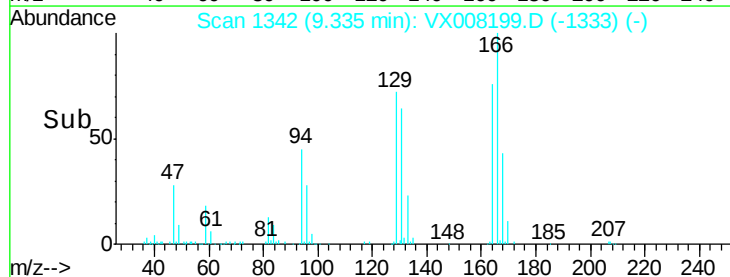
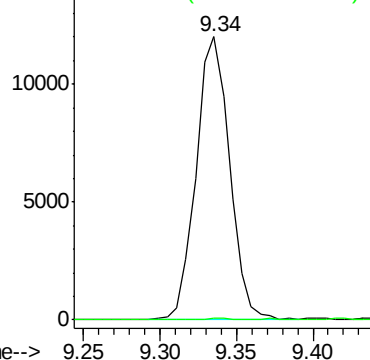
129 100

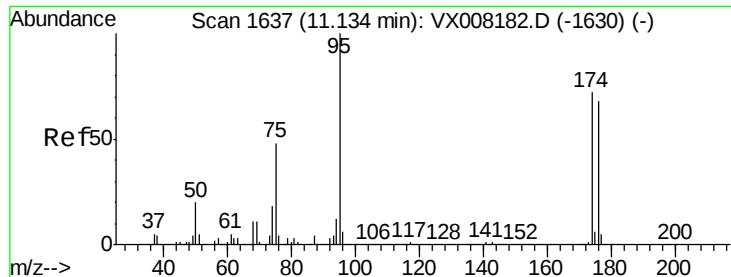
127 0.2 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 44.560 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190311

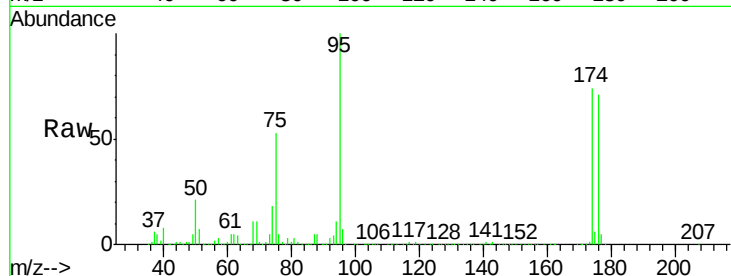
Tot Ion: 95 Resp: 216330

Ion Ratio Lower Upper

95 100

174 78.8 0.0 182.8

176 75.9 0.0 178.0

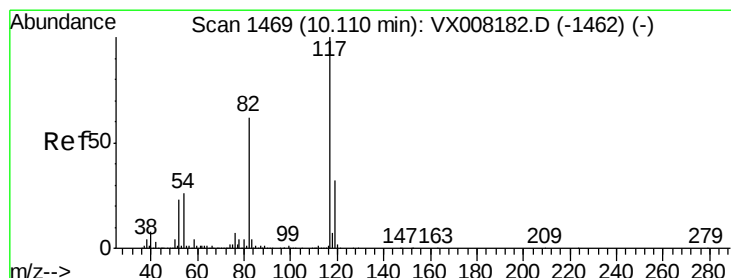
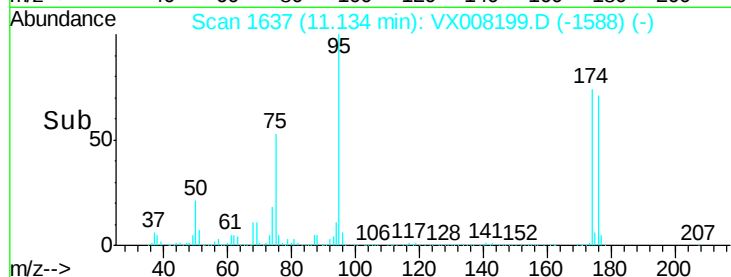


Abundance Ion 94.90 (94.60 to 95.60): VX008182.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008182.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008182.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

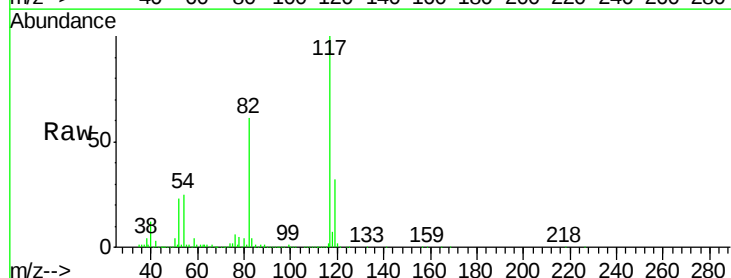
Tgt Ion: 117 Resp: 467108

Ion Ratio Lower Upper

117 100

82 60.8 44.3 66.5

119 32.3 25.3 37.9

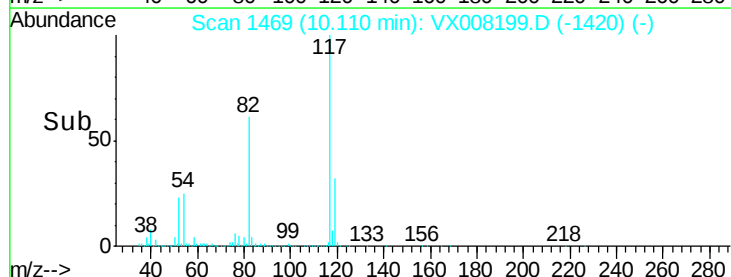


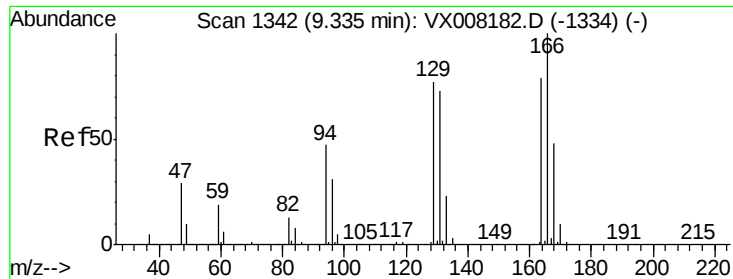
Abundance Ion 116.90 (116.60 to 117.60): VX008182.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008182.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008182.D (-1462) (-)

Time-->





#64

Tetrachloroethene

Concen: 4.405 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190311

Tot Ion:164 Resp: 18563

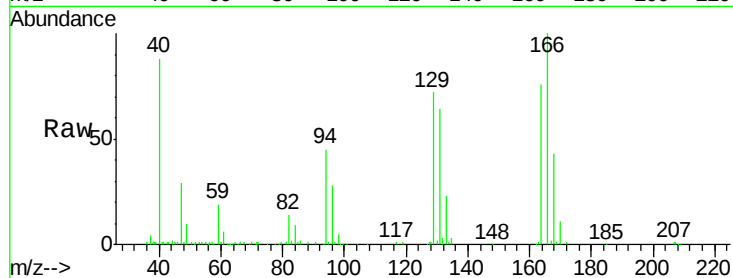
Ion Ratio Lower Upper

164 100

166 131.6 103.4 155.0

129 95.2 72.2 108.4

131 83.8 69.4 104.2

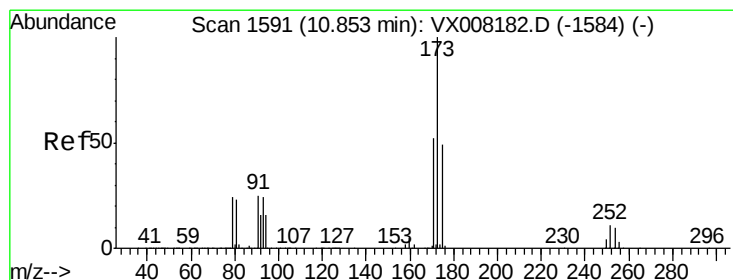
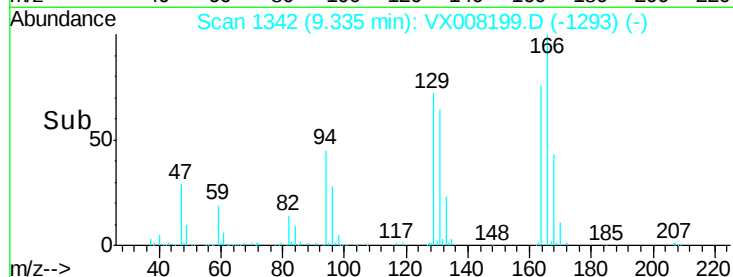
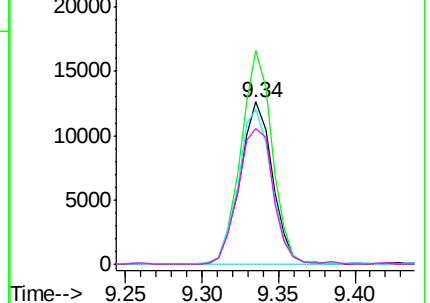


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 2.216 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.04 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

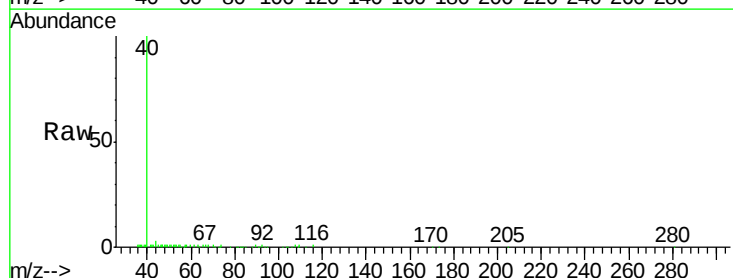
Tgt Ion:173 Resp: 50

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.9#

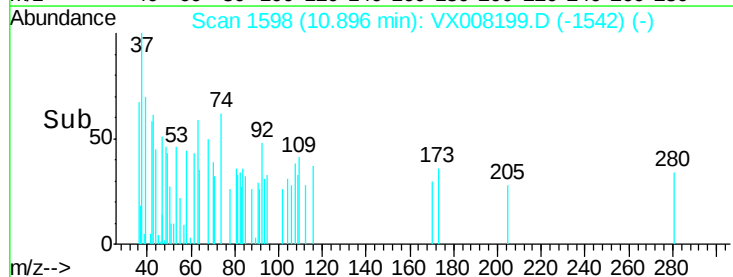
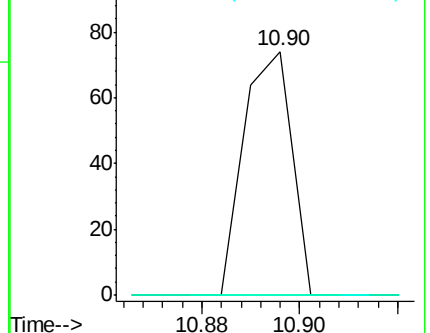
254 0.0 0.1 0.1#

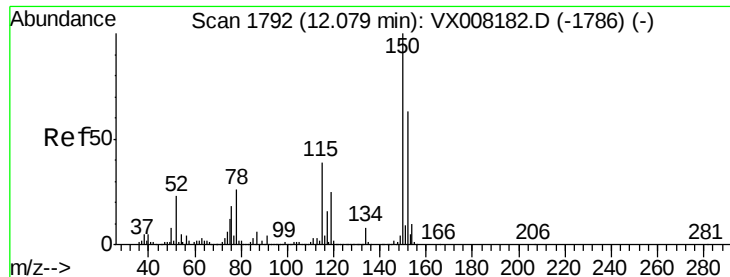


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190311

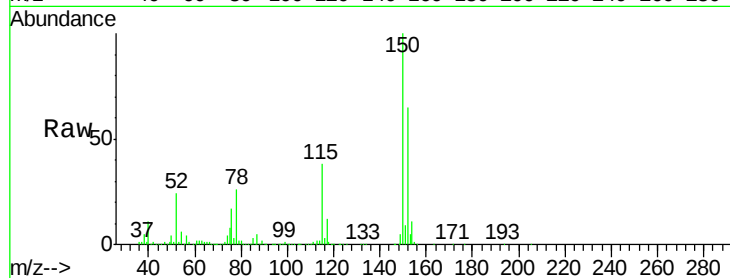
Tot Ion:152 Resp: 183029

Ion Ratio Lower Upper

152 100

115 61.0 38.6 115.7

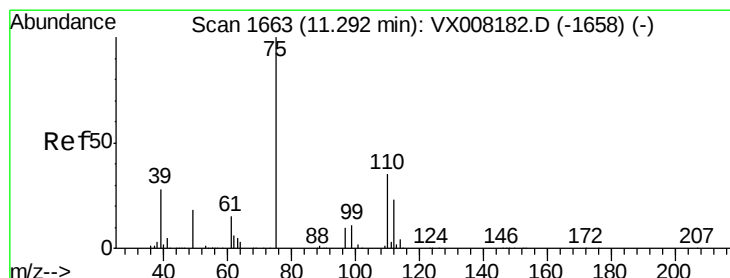
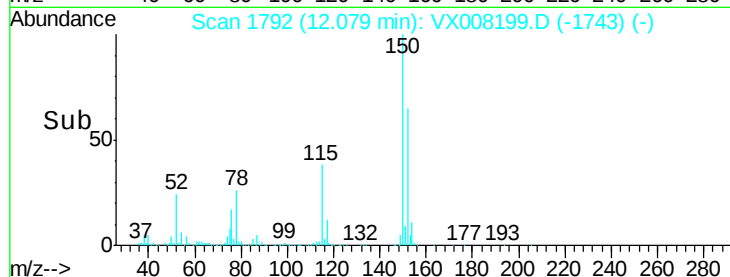
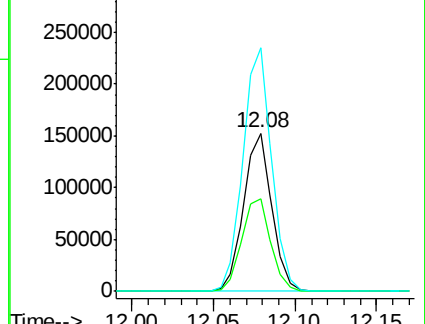
150 157.6 0.0 348.4



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: 21.907 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008199.D

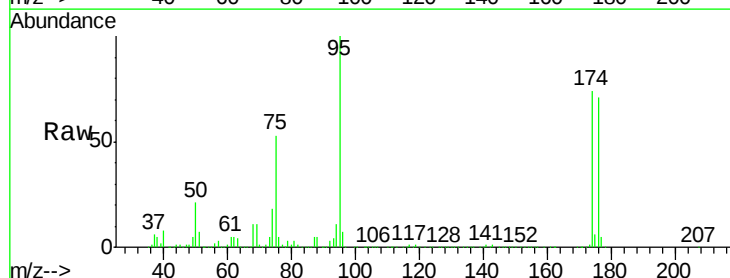
Acq: 19 Mar 2019 18:55

Tgt Ion: 75 Resp: 112774

Ion Ratio Lower Upper

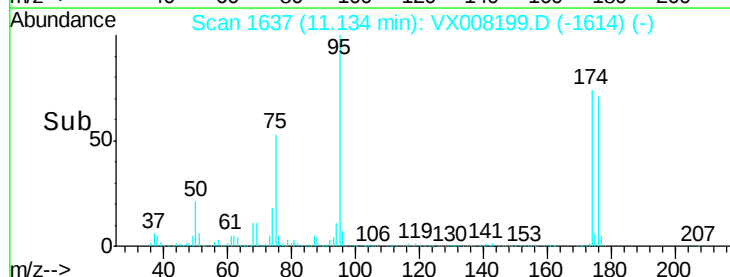
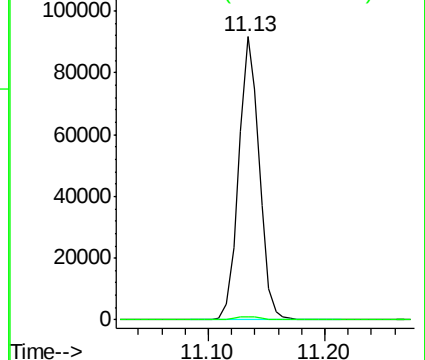
75 100

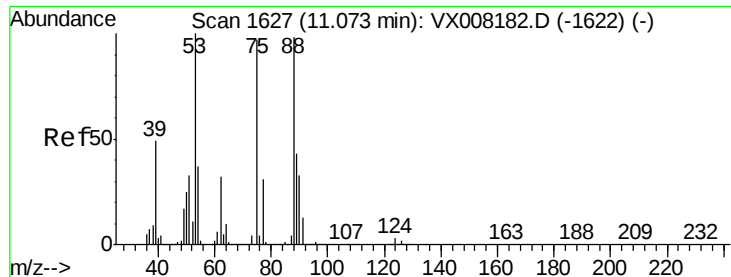
77 1.4 18.9 56.7#



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: 55.679 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008199.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190311

Tot Ion: 75 Resp: 112774

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.1 36.3 54.5#

