

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010134.D
 Acq On : 08 Jun 2019 01:14
 Operator : JC/SP
 Sample : K3257-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190606

Quant Time: Jun 08 02:26:52 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	311066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	476162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202001	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	141552	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
35) Dibromofluoromethane	5.50	113	146293	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	558849	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.13	95	197333	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

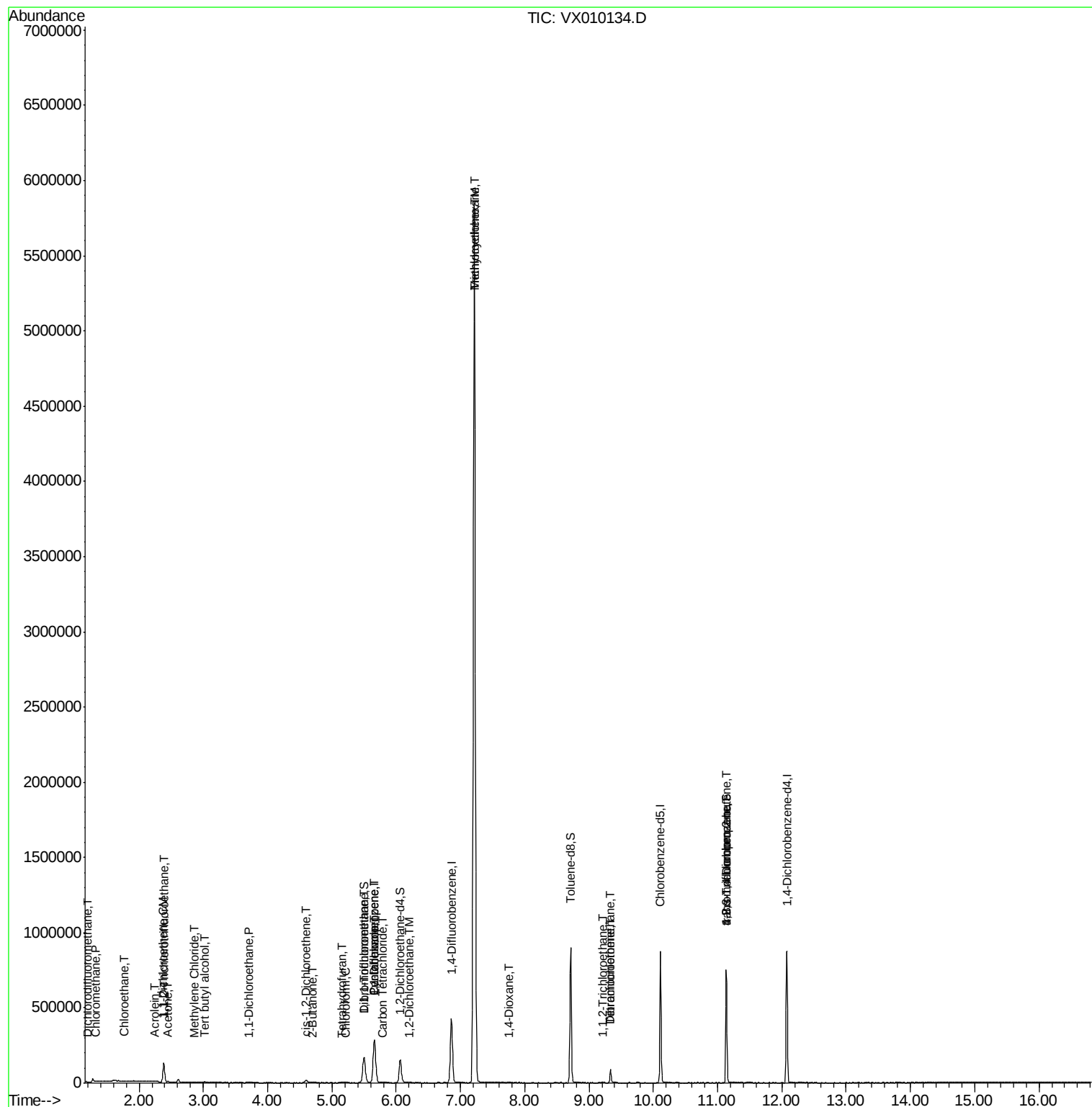
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	887	0.310	ug/l	91
3) Chloromethane	1.33	50	943	0.332	ug/l	100
6) Chloroethane	1.76	64	421	0.313	ug/l #	69
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47761	17.459	ug/l	92
11) Tert butyl alcohol	3.01	59	3800	5.109	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	9963	3.566	ug/l #	79
13) Acrolein	2.25	56	208	1.534	ug/l #	1
16) Acetone	2.44	43	4410	3.088	ug/l	91
20) Methylene Chloride	2.85	84	1031	0.329	ug/l #	67
24) 1,1-Dichloroethane	3.70	63	3835	0.783	ug/l #	92
25) 2-Butanone	4.70	43	670	0.315	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	10673	3.103	ug/l	68
29) Tetrahydrofuran	5.15	42	301	0.225	ug/l #	1
30) Chloroform	5.21	83	3185	0.626	ug/l	91
31) Cyclohexane	5.66	56	4992	1.130	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	1490	0.312	ug/l #	37
36) 1,1-Dichloropropene	5.67	75	18724	4.820	ug/l #	52
38) Carbon Tetrachloride	5.78	117	2591	0.589	ug/l #	77
39) Methylcyclohexane	7.21	83	25990	4.913	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	792	0.207	ug/l #	63
44) Trichloroethene	7.21	130	2374343	655.735	ug/l	90
49) 1,4-Dioxane	7.76	88	1923	21.340	ug/l	88
55) 1,1,2-Trichloroethane	9.21	97	1760	0.544	ug/l	91
60) Dibromochloromethane	9.34	129	16634	4.349	ug/l #	11
64) Tetrachloroethene	9.34	164	18468	5.807	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	89273	22.095	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	89273	48.817	ug/l #	10

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

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Quant Time: Jun 08 02:26:52 2019
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: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

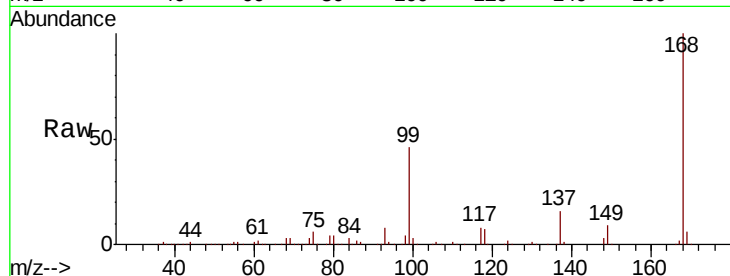
RE120D2-20190606

Tot Ion:168 Resp: 311066

Ion Ratio Lower Upper

168 100

99 46.4 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

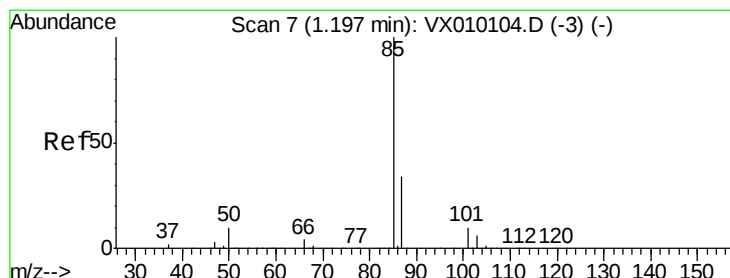
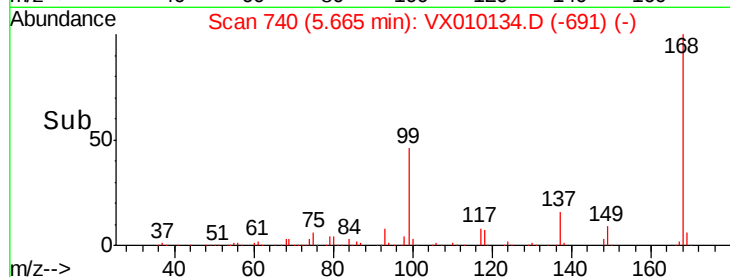
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.310 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010134.D

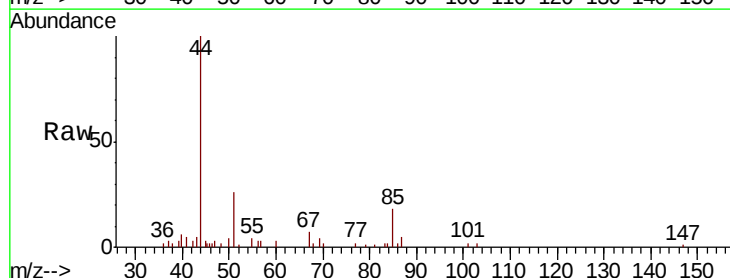
Acq: 08 Jun 2019 01:14

Tgt Ion: 85 Resp: 887

Ion Ratio Lower Upper

85 100

87 27.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

800

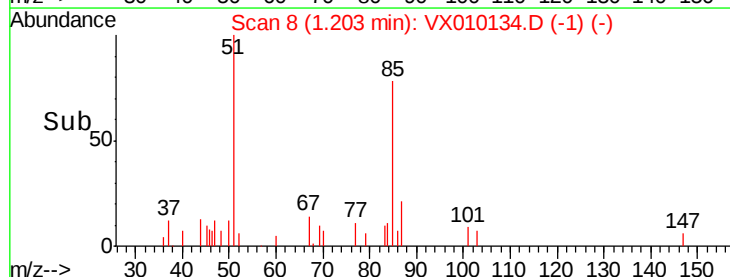
600

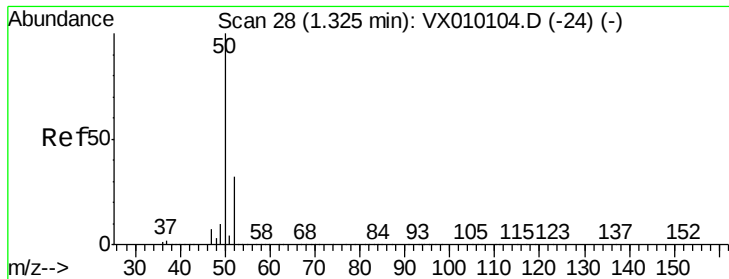
400

200

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.332 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

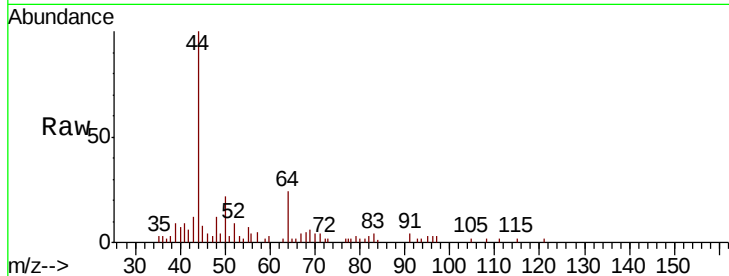
RE120D2-20190606

Tot Ion: 50 Resp: 943

Ion Ratio Lower Upper

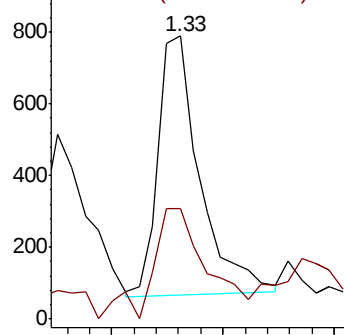
50 100

52 32.4 26.0 39.0

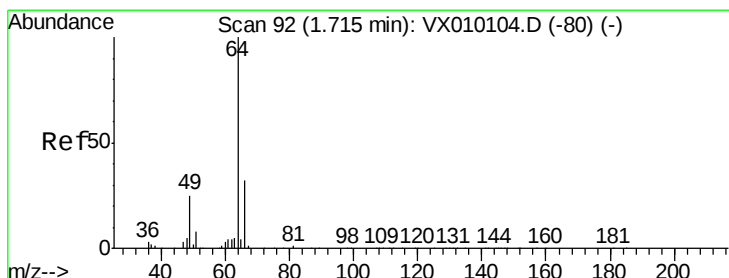
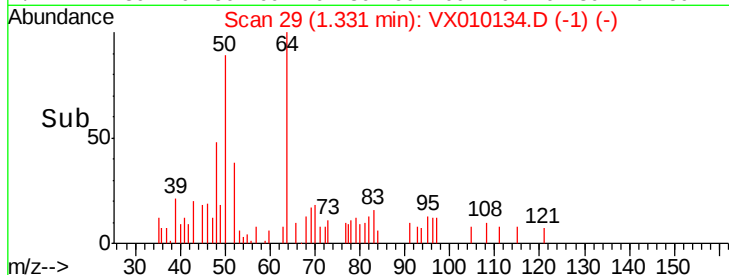


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#6

Chloroethane

Concen: 0.313 ug/l

RT: 1.76 min Scan# 100

Delta R.T. 0.05 min

Lab File: VX010134.D

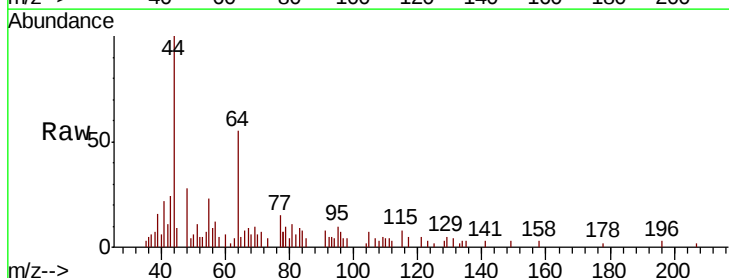
Acq: 08 Jun 2019 01:14

Tgt Ion: 64 Resp: 421

Ion Ratio Lower Upper

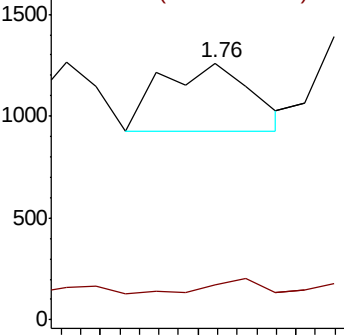
64 100

66 14.2 25.1 37.7#

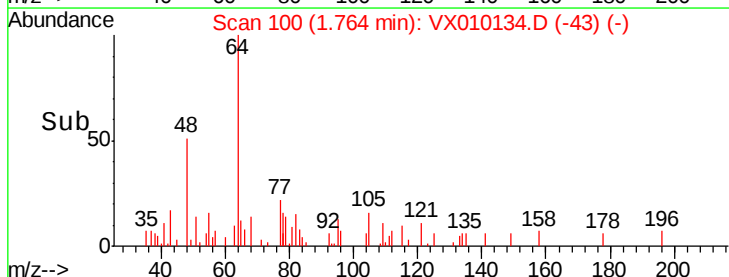


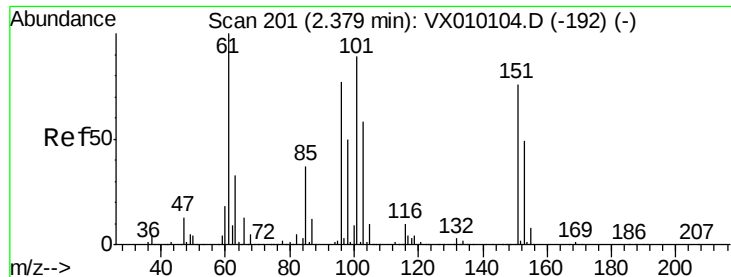
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.459 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606

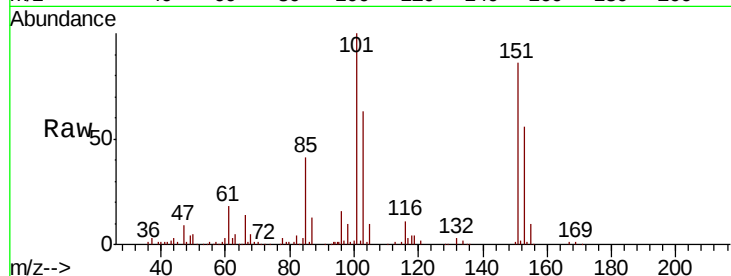
Tot Ion:101 Resp: 47761

Ion Ratio Lower Upper

101 100

85 41.7 35.2 52.8

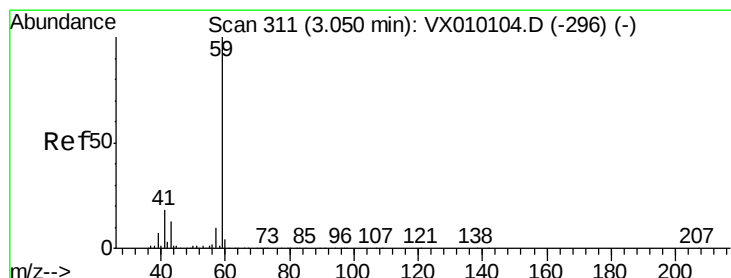
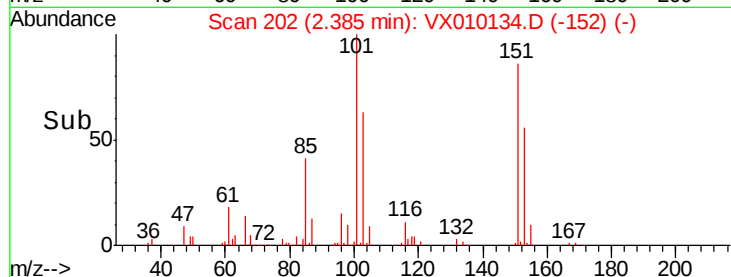
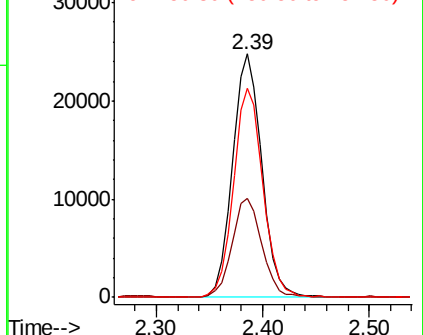
151 86.5 61.9 92.9



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



#11

Tert butyl alcohol

Concen: 5.109 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010134.D

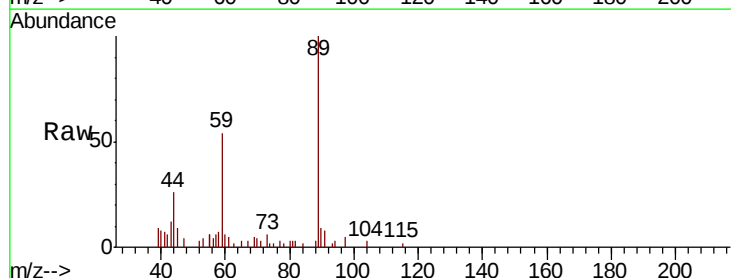
Acq: 08 Jun 2019 01:14

Tgt Ion: 59 Resp: 3800

Ion Ratio Lower Upper

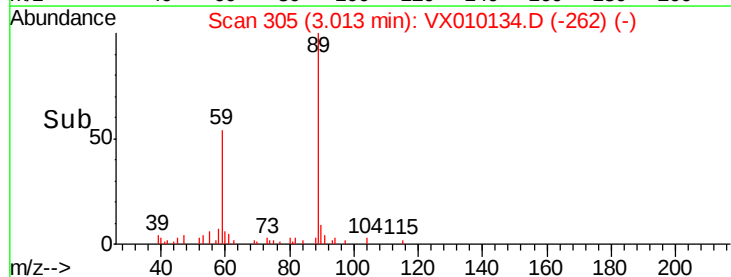
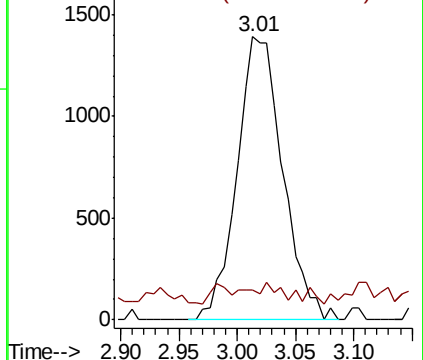
59 100

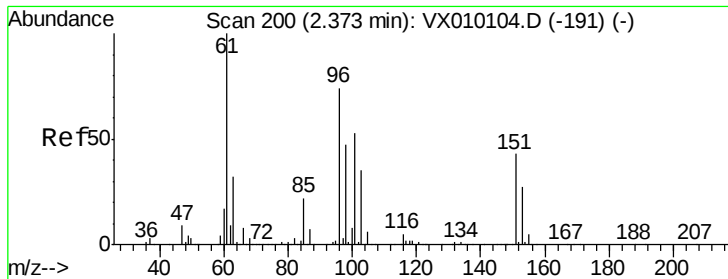
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 3.566 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606

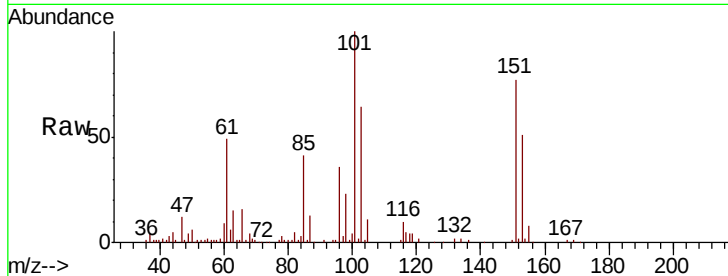
Tot Ion: 96 Resp: 9963

Ion Ratio Lower Upper

96 100

61 136.3 140.7 211.1#

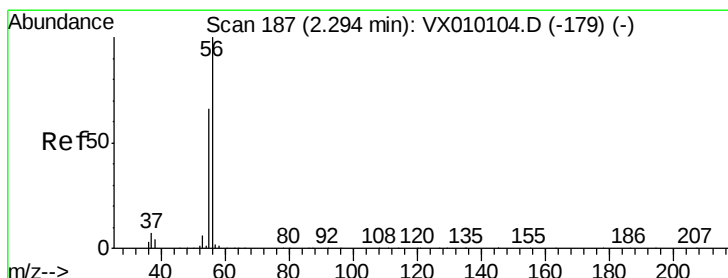
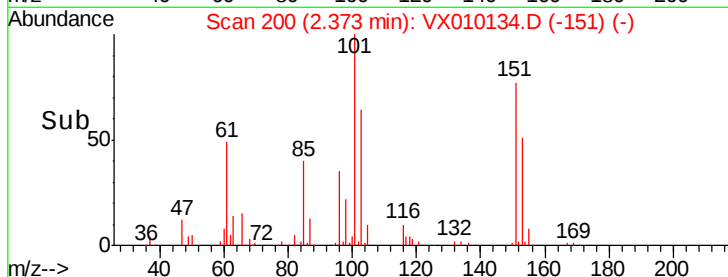
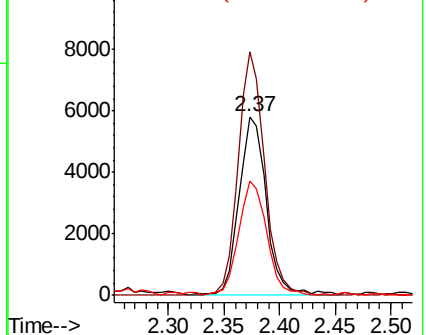
98 63.1 50.1 75.1



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: 1.534 ug/l

RT: 2.25 min Scan# 179

Delta R.T. -0.05 min

Lab File: VX010134.D

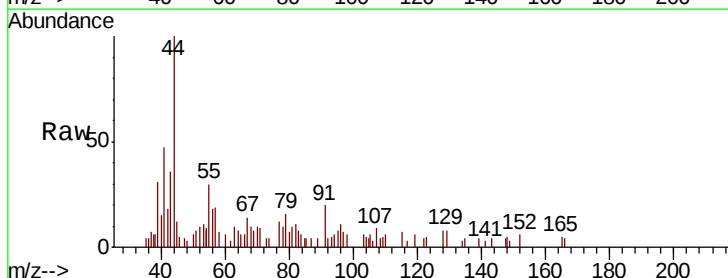
Acq: 08 Jun 2019 01:14

Tgt Ion: 56 Resp: 208

Ion Ratio Lower Upper

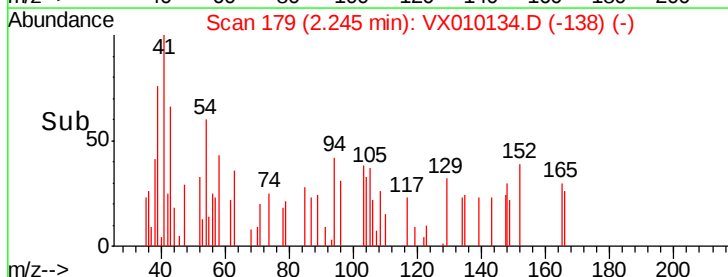
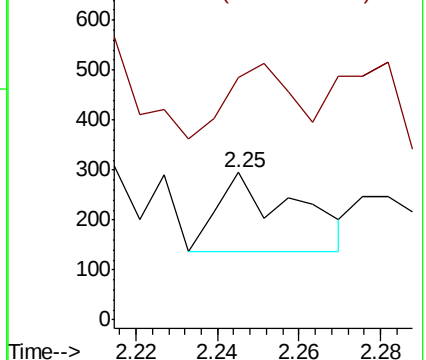
56 100

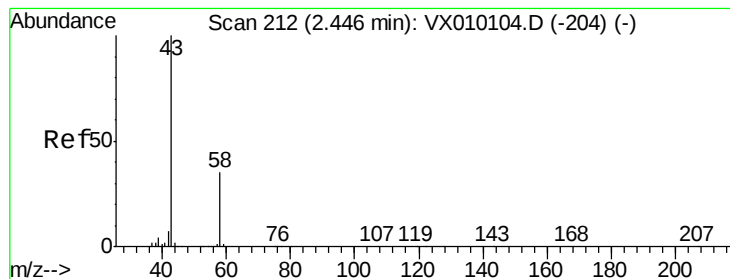
55 162.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 3.088 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

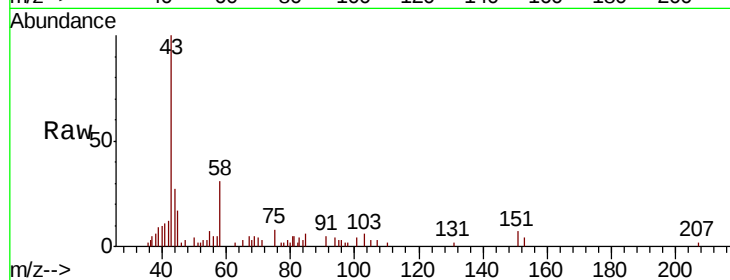
RE120D2-20190606

Tot Ion: 43 Resp: 4410

Ion Ratio Lower Upper

43 100

58 33.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

2500

2000

1500

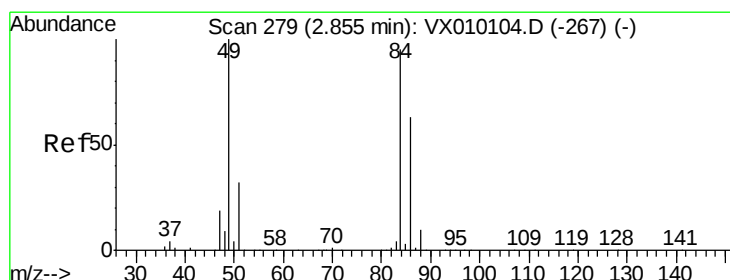
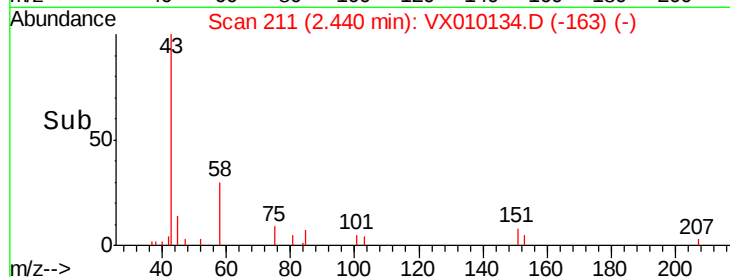
1000

500

0

Time-->

2.40 2.45 2.50



#20

Methylene Chloride

Concen: 0.329 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Tgt Ion: 84 Resp: 1031

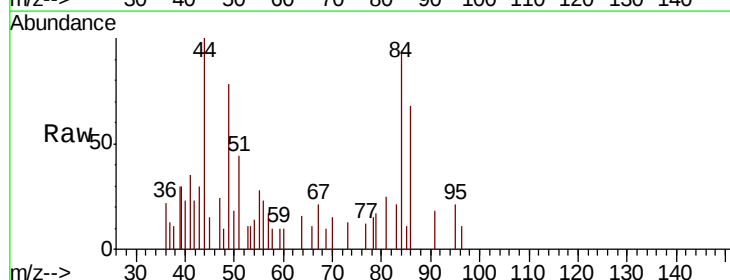
Ion Ratio Lower Upper

84 100

49 82.4 115.8 173.6#

51 47.0 34.4 51.6

86 72.3 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

800

600

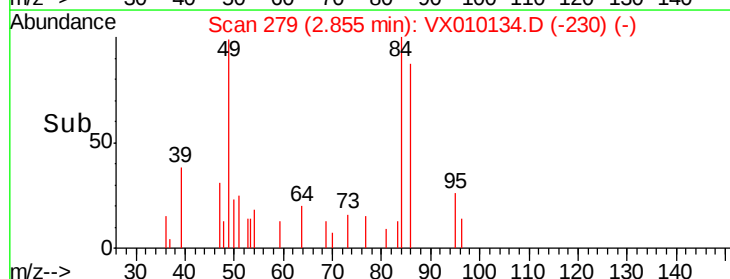
400

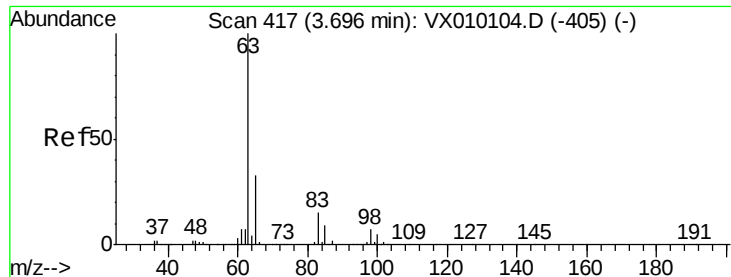
200

0

Time-->

2.80 2.85 2.90





#24

1,1-Dichloroethane

Concen: 0.783 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

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RE120D2-20190606

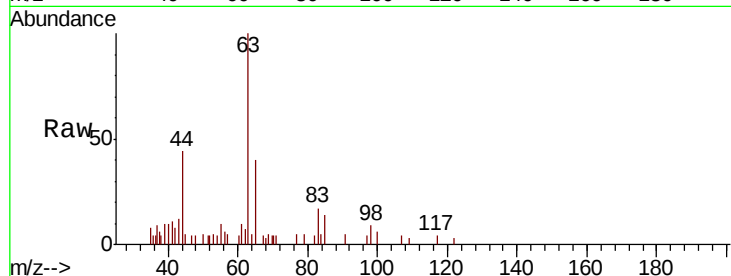
Tot Ion: 63 Resp: 3835

Ion Ratio Lower Upper

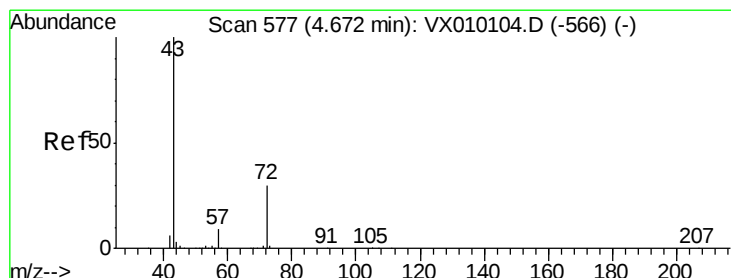
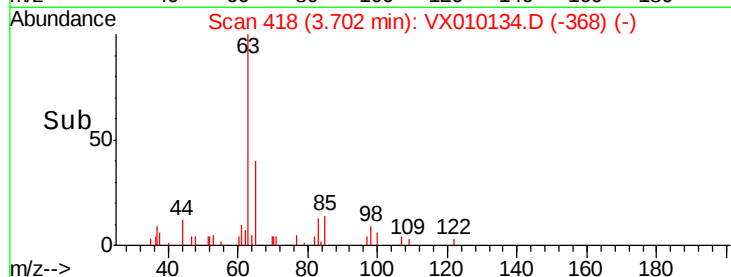
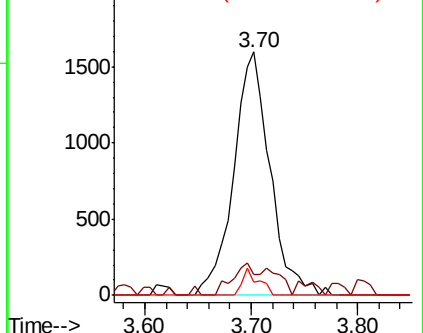
63 100

98 8.8 2.9 8.8

100 5.6 1.8 5.4#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.315 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010134.D

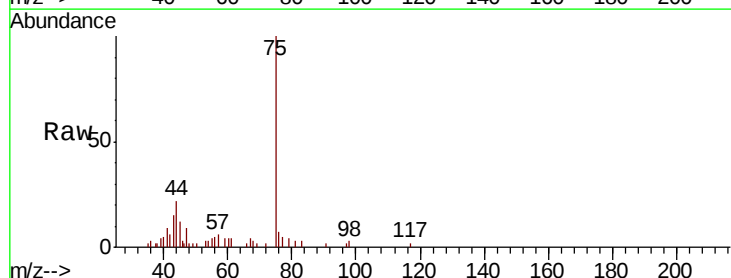
Acq: 08 Jun 2019 01:14

Tgt Ion: 43 Resp: 670

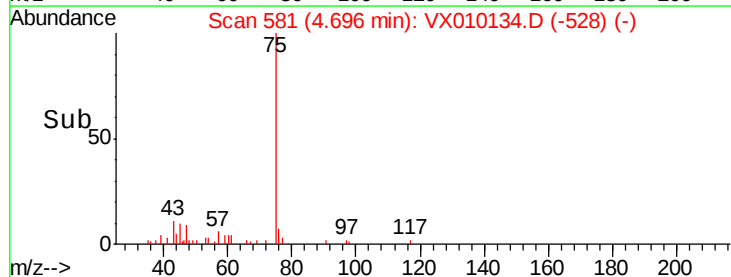
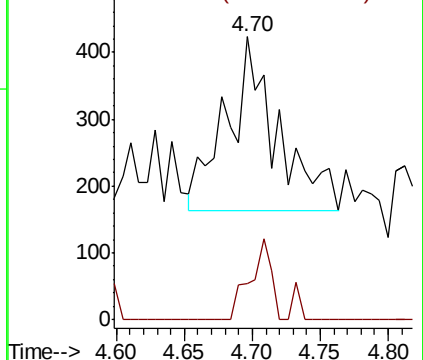
Ion Ratio Lower Upper

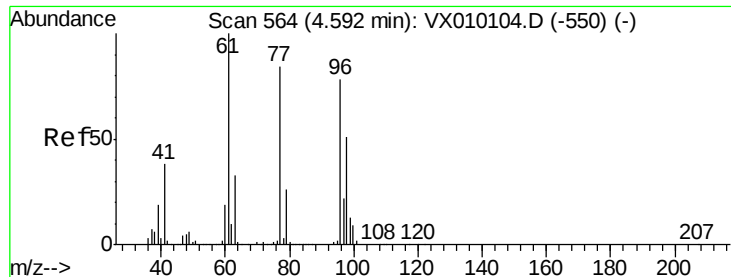
43 100

72 21.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



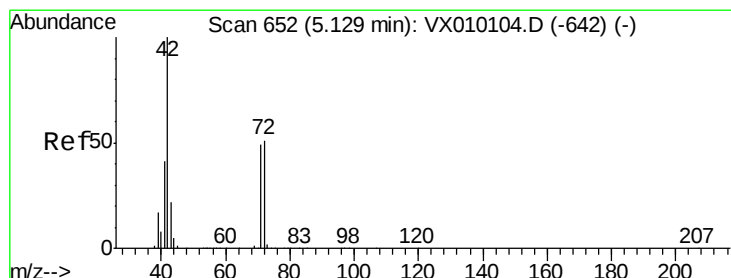
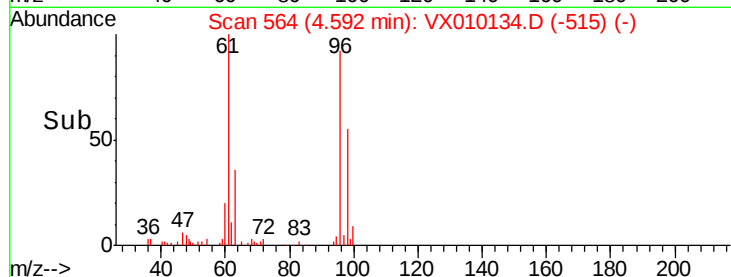
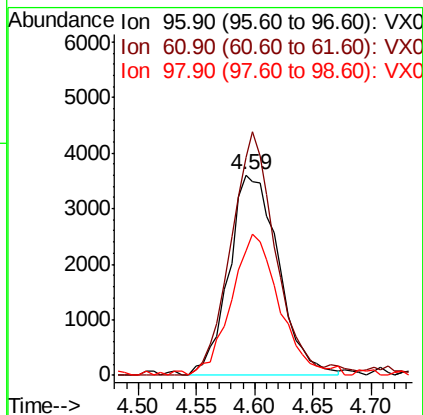
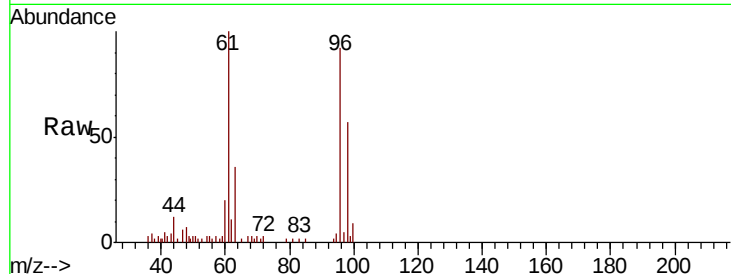


#27

cis-1,2-Dichloroethene
 Concen: 3.103 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX010134.D
 Acq: 08 Jun 2019 01:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190606

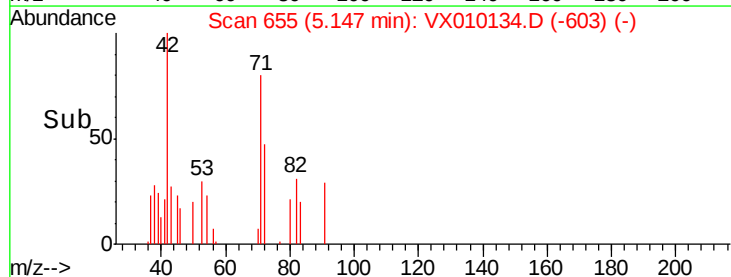
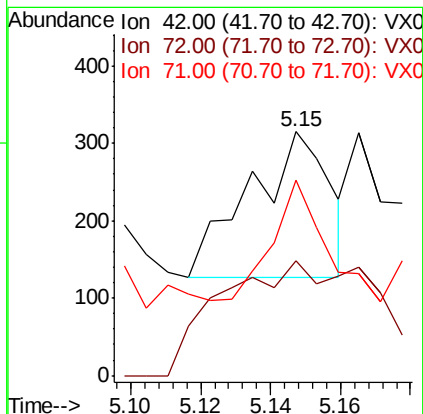
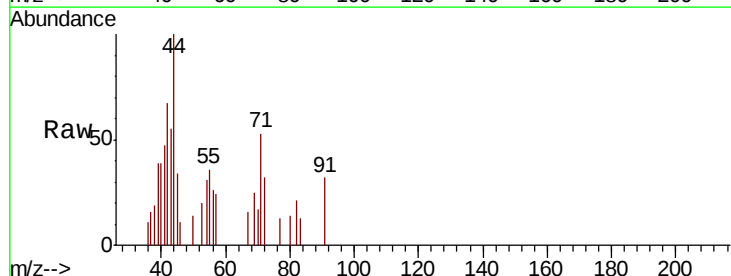
Tot Ion	96	Resp	10673
Ion	Ratio	Lower	Upper
96	100		
61	108.3	0.0	334.0
98	69.0	0.0	131.6

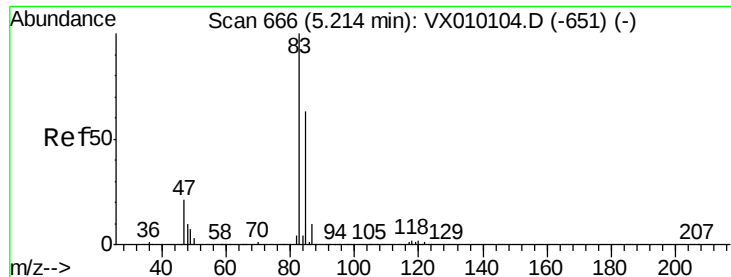


#29

Tetrahydrofuran
 Concen: 0.225 ug/l
 RT: 5.15 min Scan# 655
 Delta R.T. 0.02 min
 Lab File: VX010134.D
 Acq: 08 Jun 2019 01:14

Tgt Ion	42	Resp	301
Ion	Ratio	Lower	Upper
42	100		
72	163.5	29.2	43.8#
71	61.8	27.6	41.4#

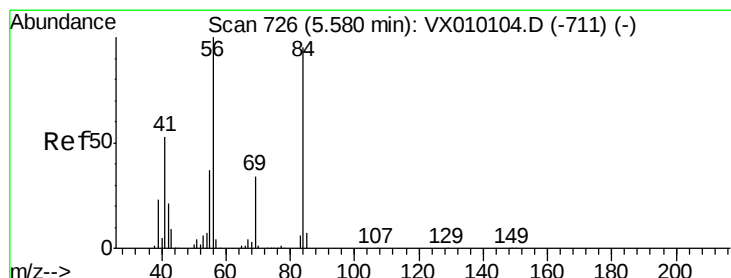
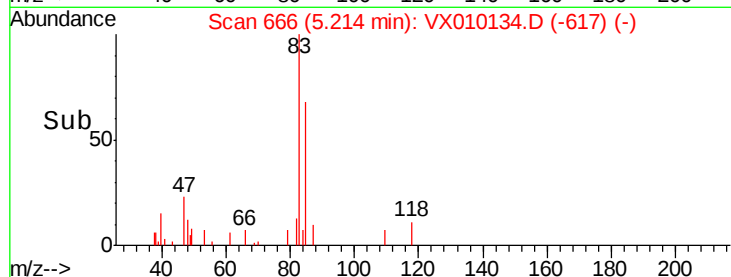
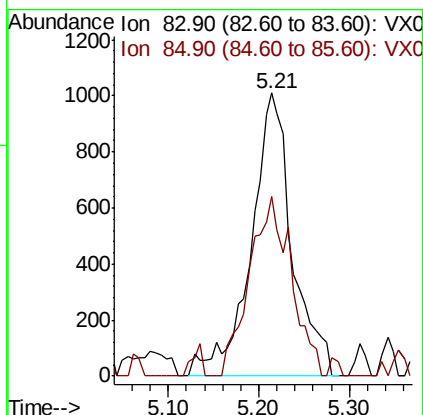
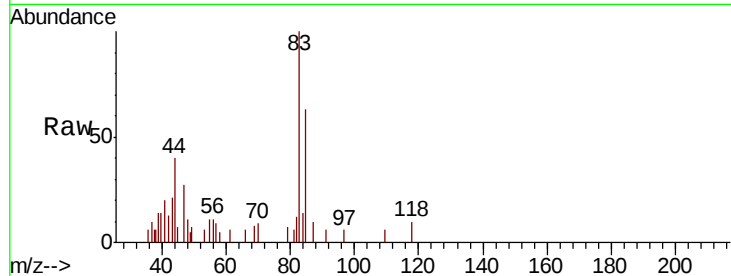




#30
Chloroform
Concen: 0.626 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010134.D
Acq: 08 Jun 2019 01:14

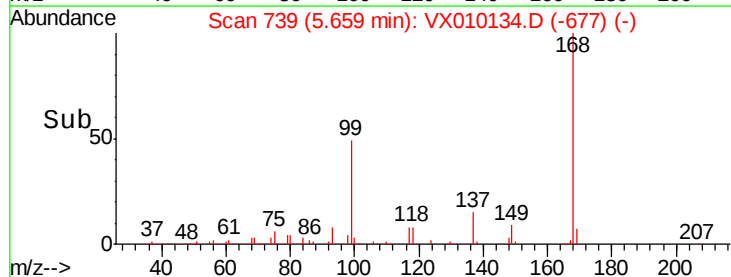
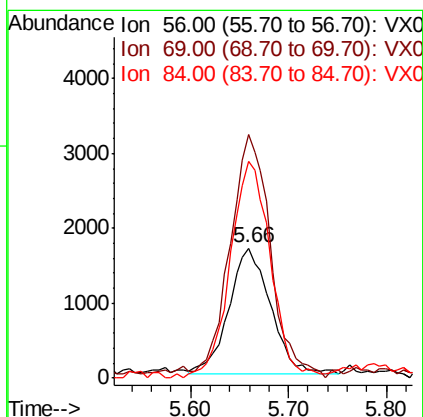
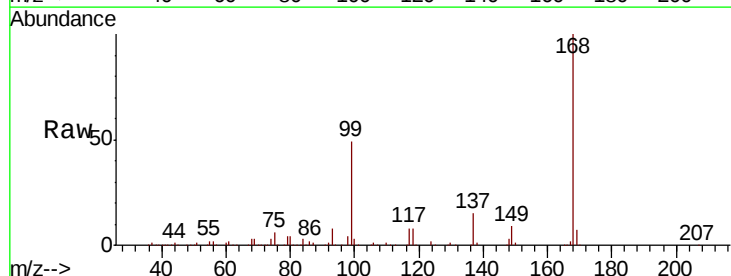
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190606

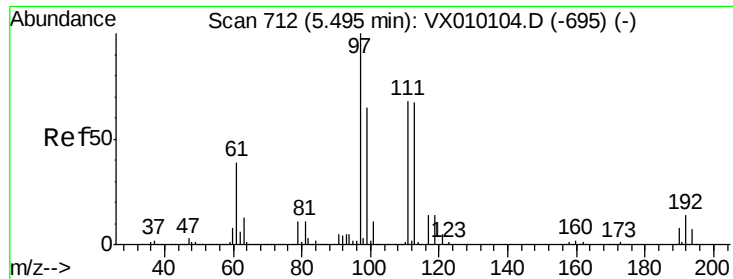
Tot Ion: 83 Resp: 3185
Ion Ratio Lower Upper
83 100
85 58.2 52.6 78.8



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010134.D
Acq: 08 Jun 2019 01:14

Tgt Ion: 56 Resp: 4992
Ion Ratio Lower Upper
56 100
69 188.5 21.6 32.4#
84 169.2 56.8 85.2#





#32

1,1,1-Trichloroethane

Concen: 0.312 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606

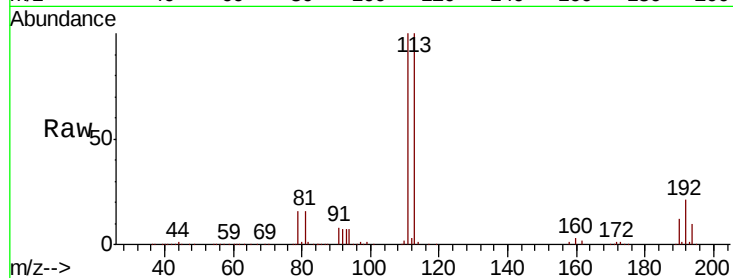
Tot Ion: 97 Resp: 1490

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

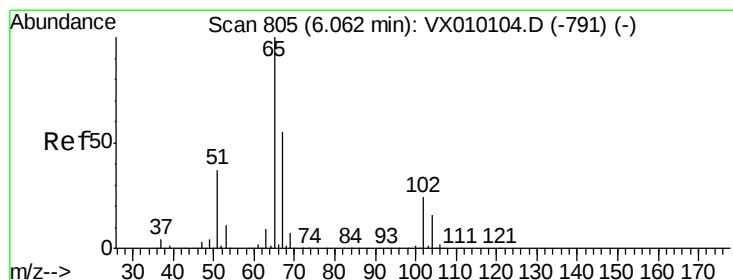
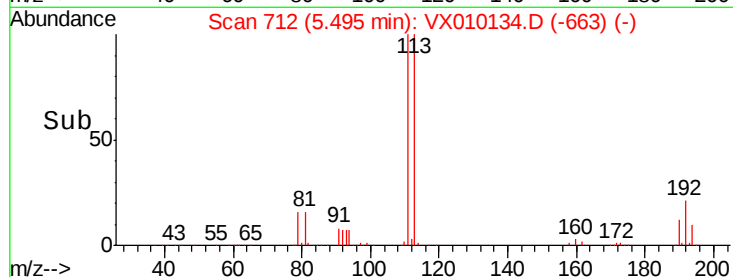
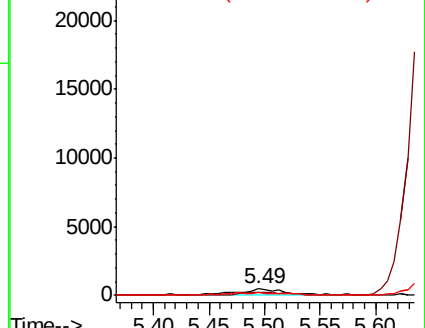
61 22.3 38.7 58.1#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.619 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010134.D

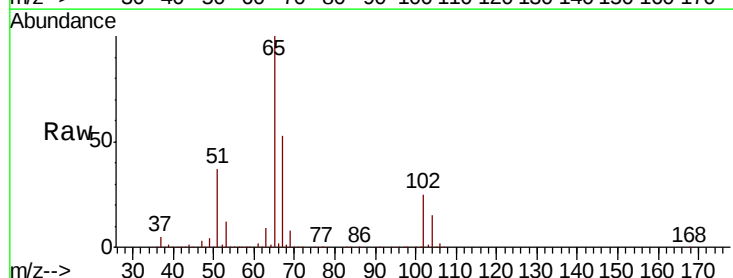
Acq: 08 Jun 2019 01:14

Tgt Ion: 65 Resp: 141552

Ion Ratio Lower Upper

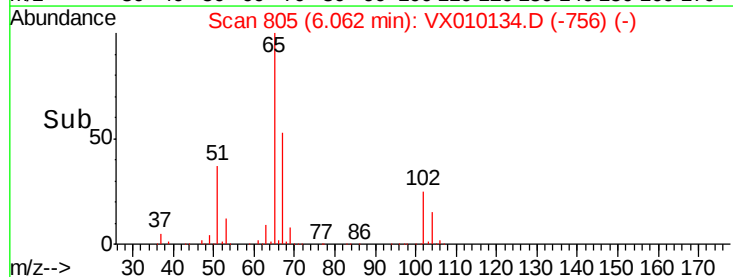
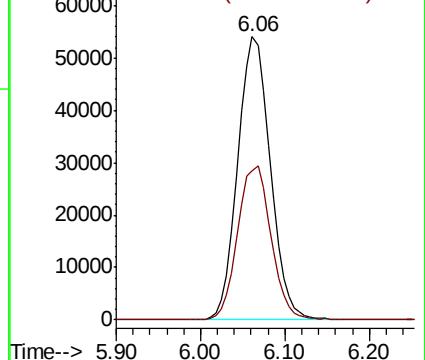
65 100

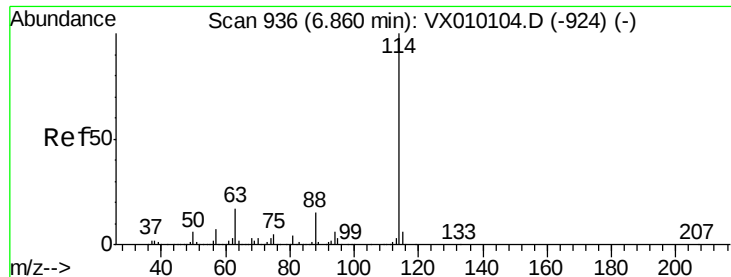
67 55.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606

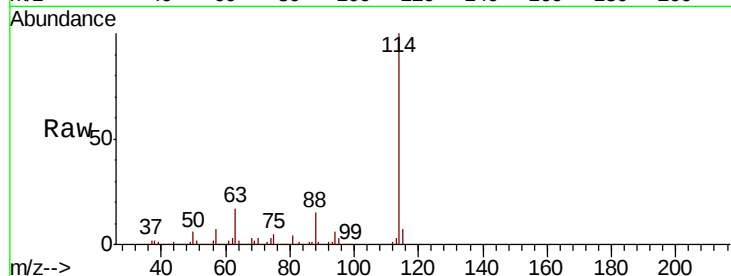
Tot Ion:114 Resp: 476162

Ion Ratio Lower Upper

114 100

63 17.4 0.0 47.4

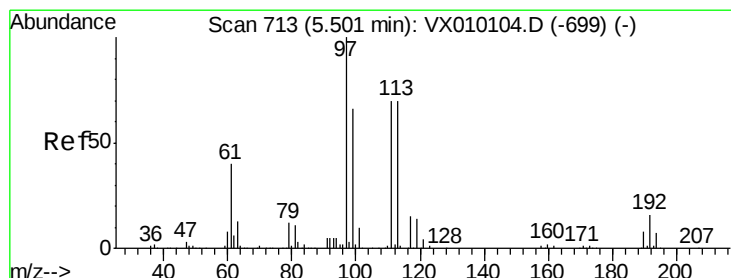
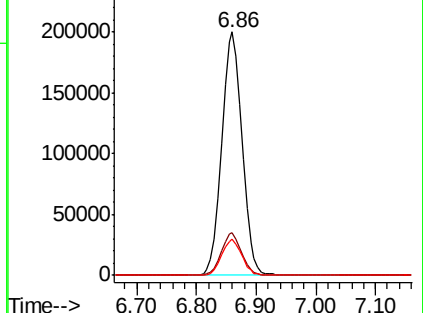
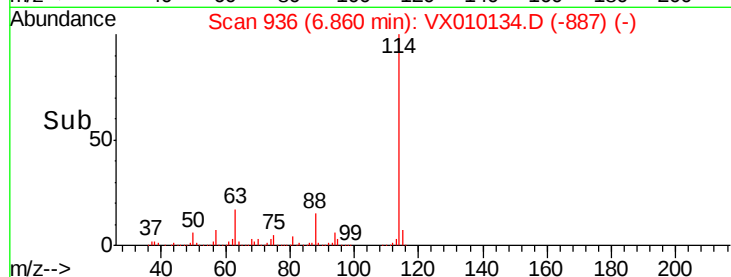
88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.809 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

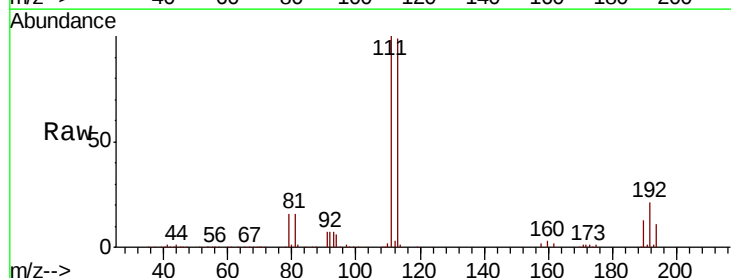
Tgt Ion:113 Resp: 146293

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

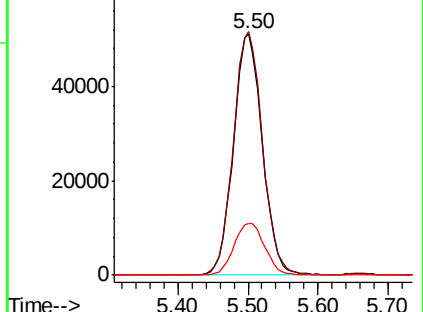
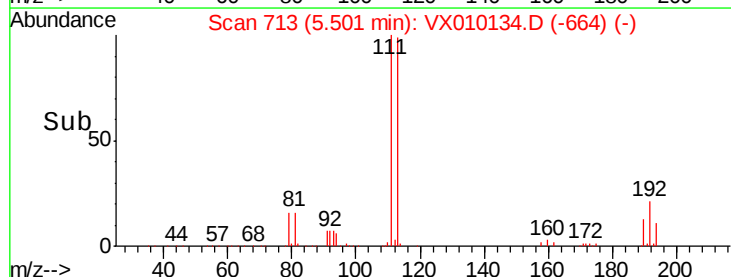
192 22.8 17.1 25.7

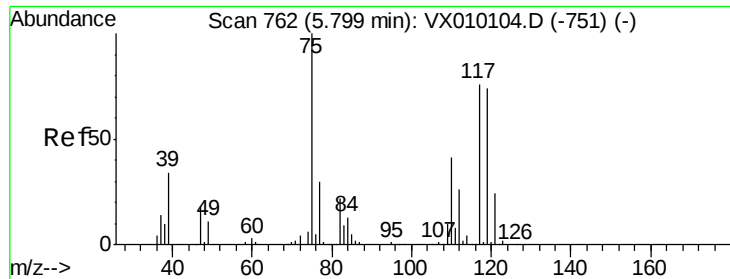


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

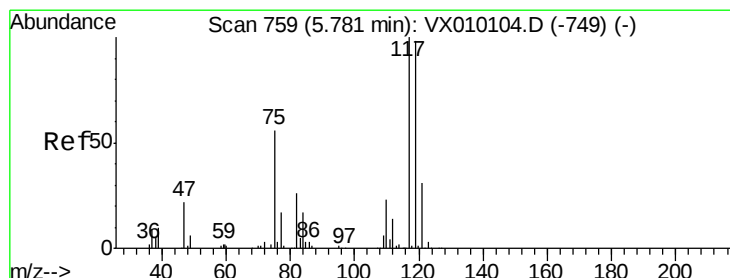
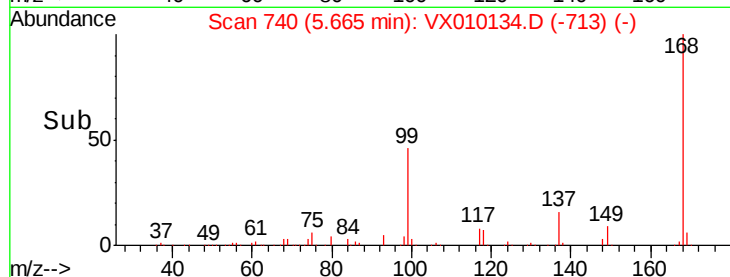
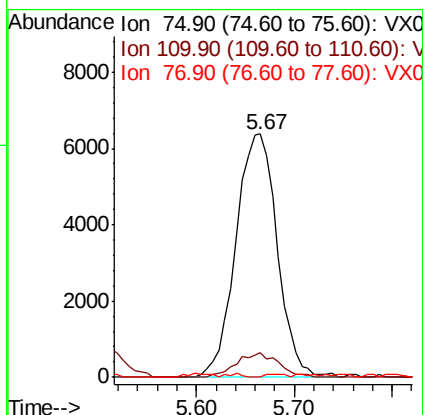
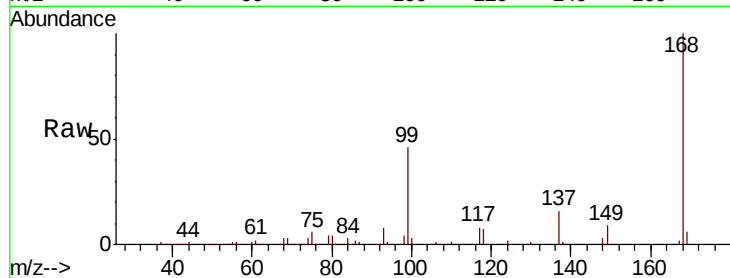




#36
 1,1-Dichloropropene
 Concen: 4.820 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010134.D
 Acq: 08 Jun 2019 01:14

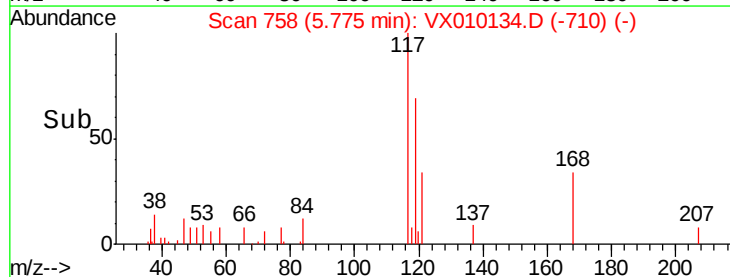
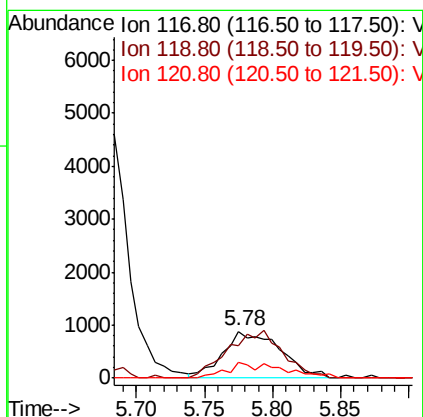
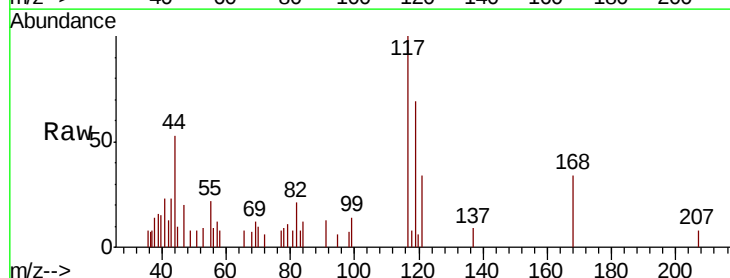
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190606

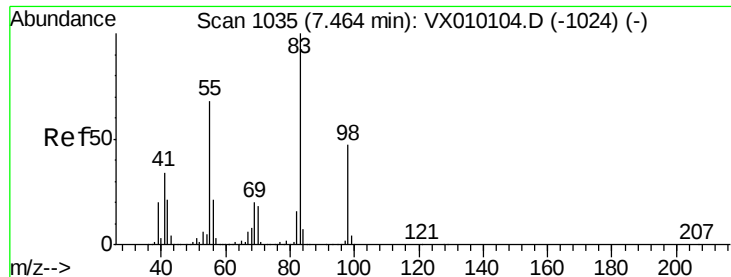
Tot Ion: 75 Resp: 18724
 Ion Ratio Lower Upper
 75 100
 110 10.5 16.7 50.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 0.589 ug/l
 RT: 5.78 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VX010134.D
 Acq: 08 Jun 2019 01:14

Tgt Ion: 117 Resp: 2591
 Ion Ratio Lower Upper
 117 100
 119 68.8 77.3 115.9#
 121 34.3 25.4 38.0

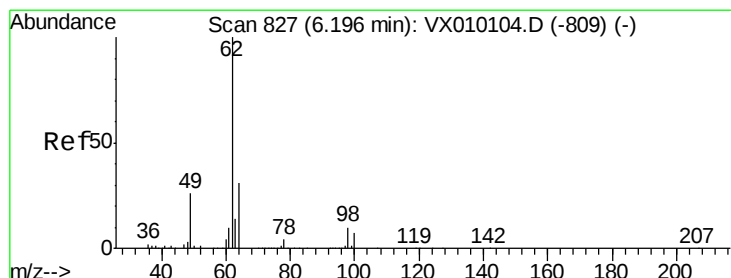
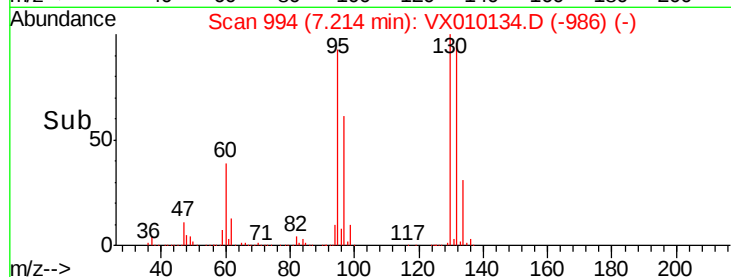
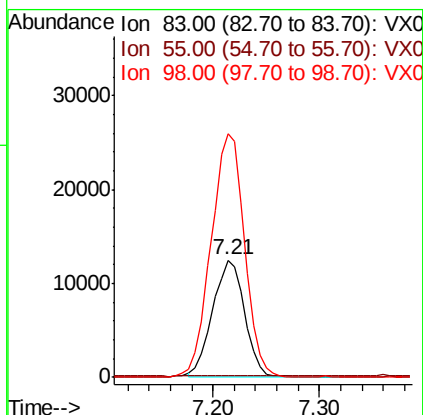
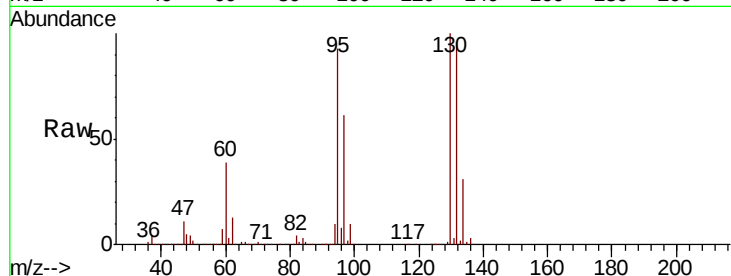




#39
Methvlcvclohexane
Concen: 4.913 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX010134.D
Acq: 08 Jun 2019 01:14

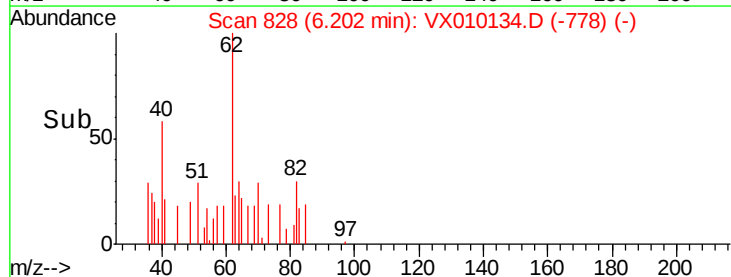
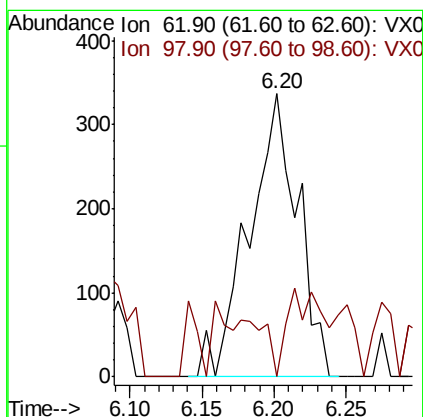
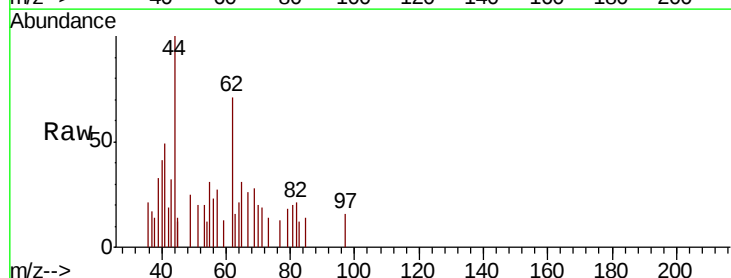
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190606

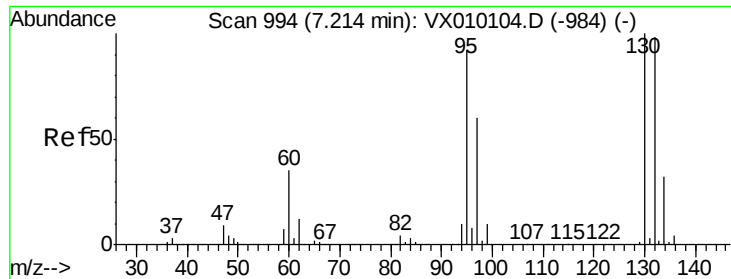
Tot Ion: 83 Resp: 25990
Ion Ratio Lower Upper
83 100
55 0.2 69.9 104.9#
98 207.2 35.1 52.7#



#42
1,2-Dichloroethane
Concen: 0.207 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX010134.D
Acq: 08 Jun 2019 01:14

Tgt Ion: 62 Resp: 792
Ion Ratio Lower Upper
62 100
98 21.8 0.0 17.2#





#44

Trichloroethene

Concen: 655.735 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

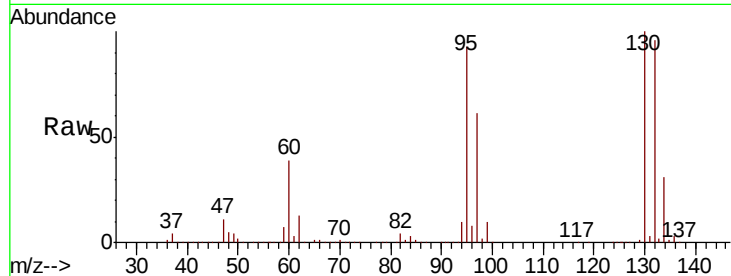
RE120D2-20190606

Tot Ion:130 Resp: 2374343

Ion Ratio Lower Upper

130 100

95 93.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

1200000

1000000

800000

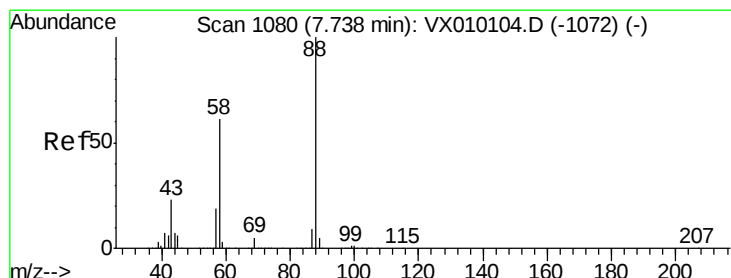
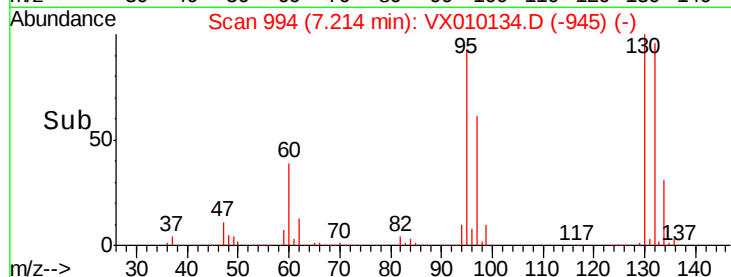
600000

400000

200000

0

Time-->



#49

1,4-Dioxane

Concen: 21.340 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

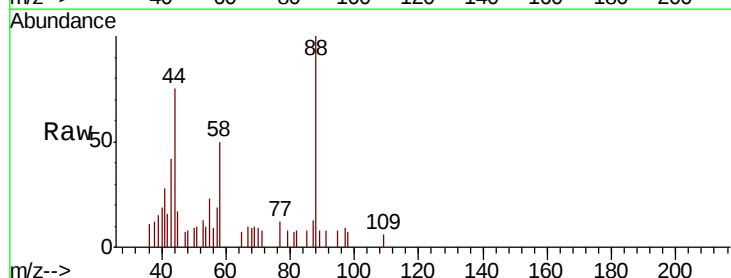
Tgt Ion: 88 Resp: 1923

Ion Ratio Lower Upper

88 100

43 30.4 30.2 45.4

58 69.9 64.0 96.0



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

1000

800

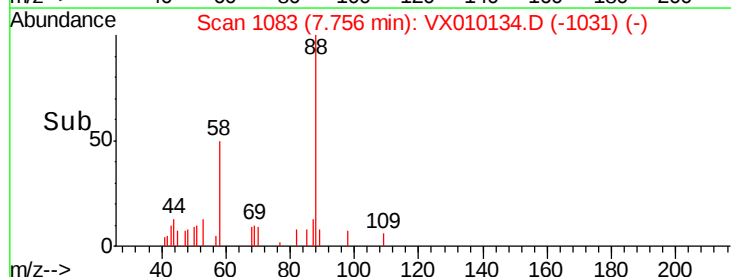
600

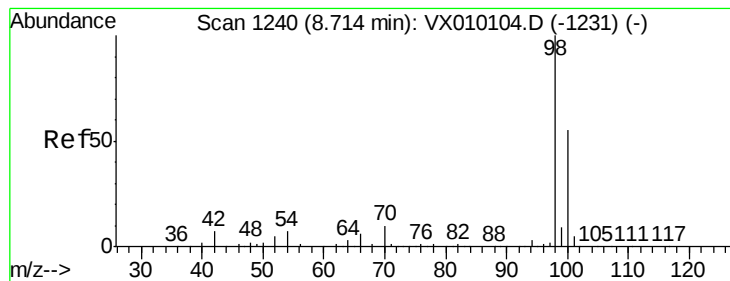
400

200

0

Time-->





#50

Toluene-d8

Concen: 50.769 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

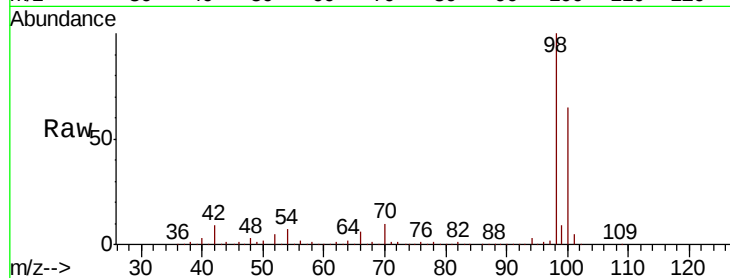
RE120D2-20190606

Tot Ion: 98 Resp: 558849

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

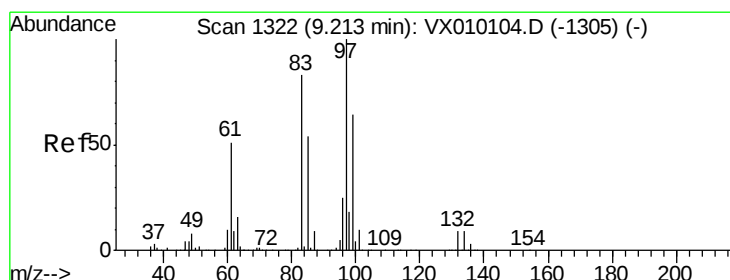
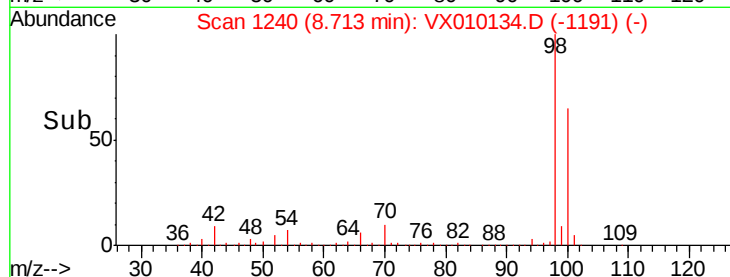
300000

200000

100000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.544 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Tgt Ion: 97 Resp: 1760

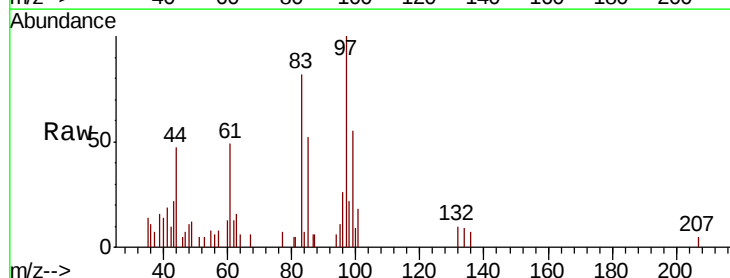
Ion Ratio Lower Upper

97 100

83 76.8 69.8 104.8

85 52.1 45.3 67.9

99 55.0 49.0 73.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

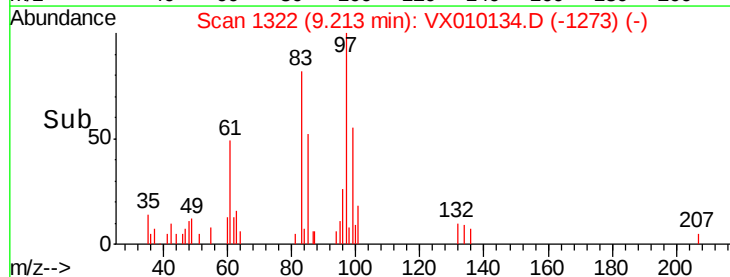
1500

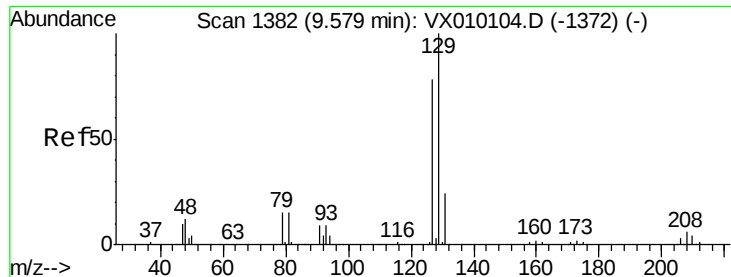
1000

500

0

Time-->





#60

Dibromochloromethane

Concen: 4.349 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

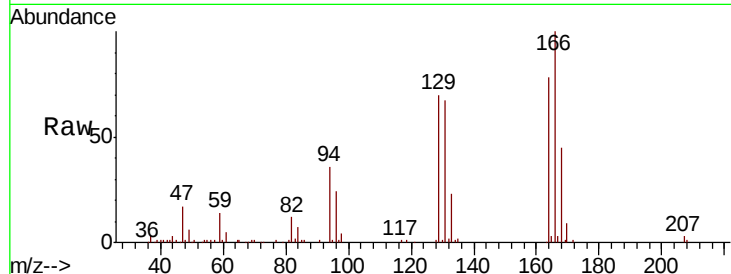
RE120D2-20190606

Tot Ion:129 Resp: 16634

Ion Ratio Lower Upper

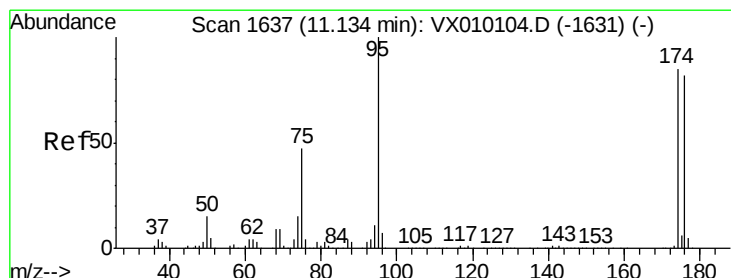
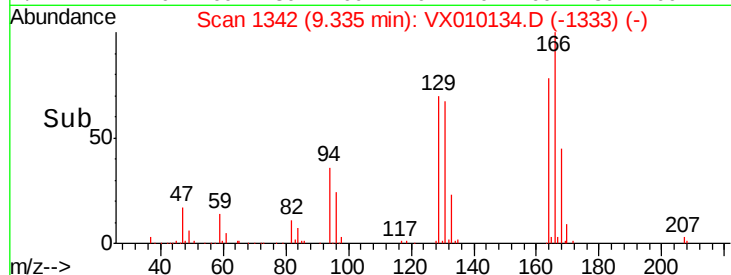
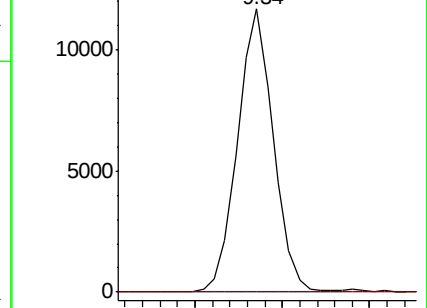
129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.002 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010134.D

Acq: 08 Jun 2019 01:14

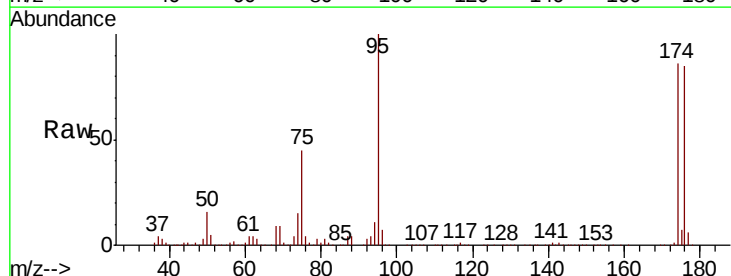
Tgt Ion: 95 Resp: 197333

Ion Ratio Lower Upper

95 100

174 91.5 0.0 160.4

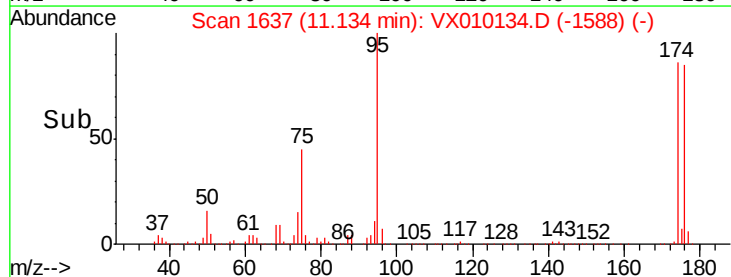
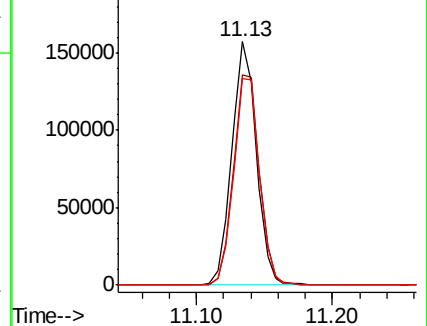
176 89.2 0.0 154.6

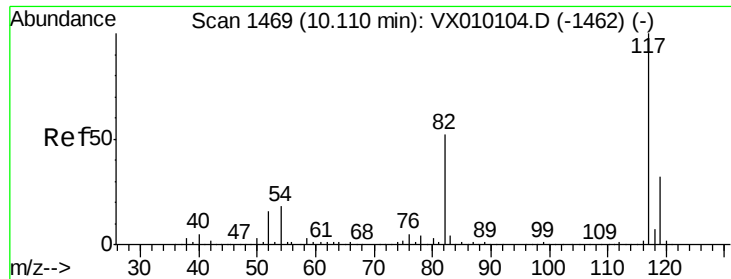


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

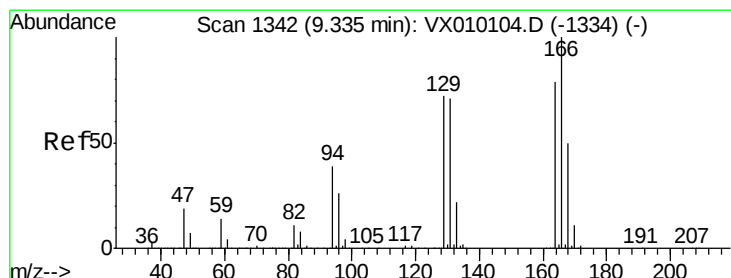
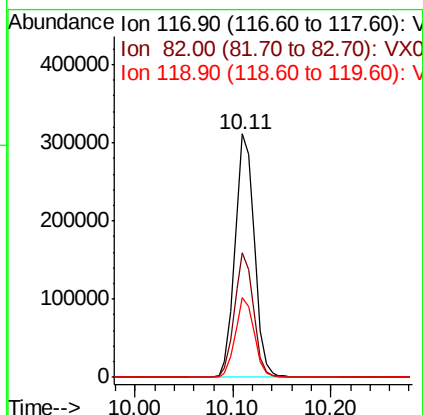
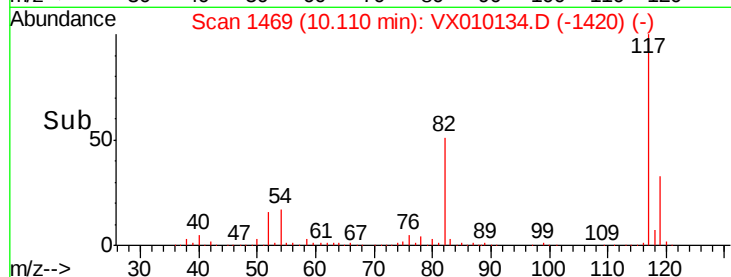
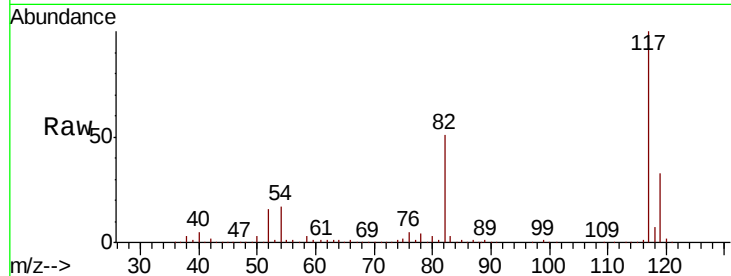




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010134.D
Acq: 08 Jun 2019 01:14

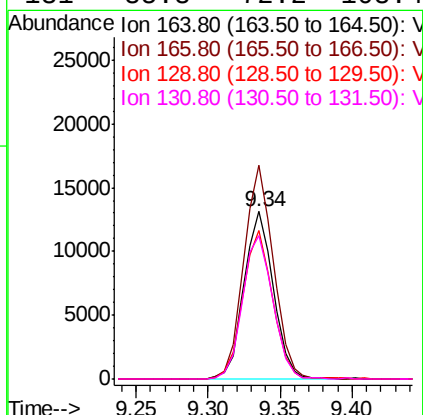
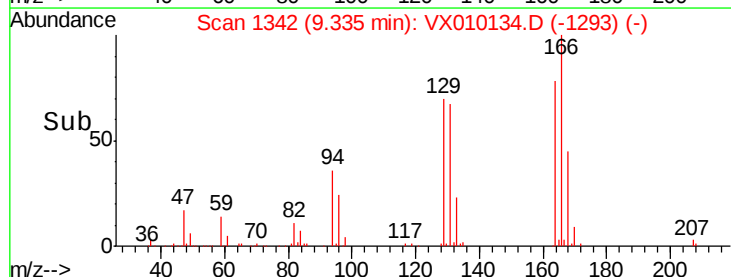
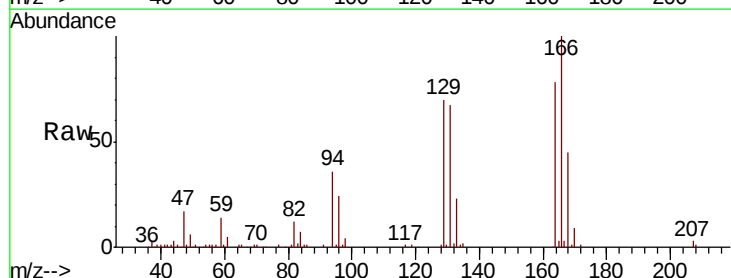
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20190606

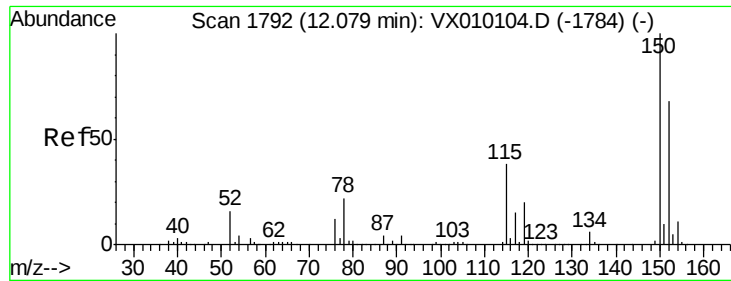
Tot Ion:117 Resp: 428205
Ion Ratio Lower Upper
117 100
82 51.1 49.2 73.8
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 5.807 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010134.D
Acq: 08 Jun 2019 01:14

Tgt Ion:164 Resp: 18468
Ion Ratio Lower Upper
164 100
166 127.8 105.0 157.4
129 89.2 75.1 112.7
131 85.8 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: VX010134.D

Acq: 08 Jun 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606

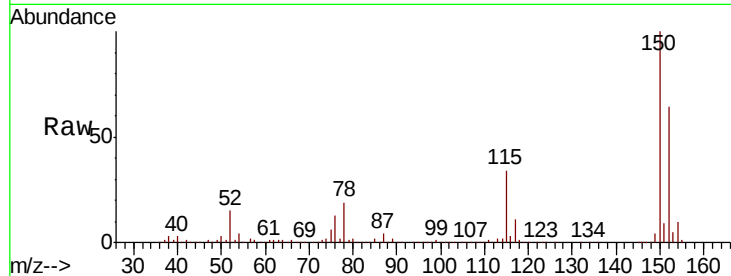
Tot Ion:152 Resp: 202001

Ion Ratio Lower Upper

152 100

115 54.6 41.4 124.2

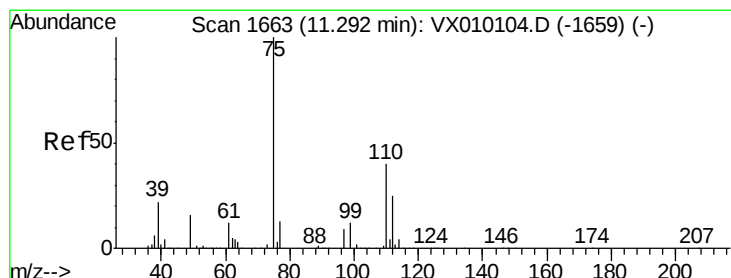
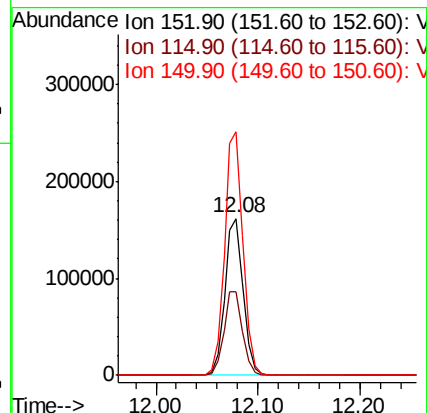
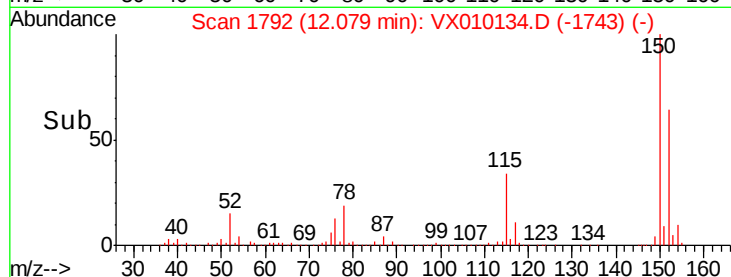
150 156.3 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.095 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010134.D

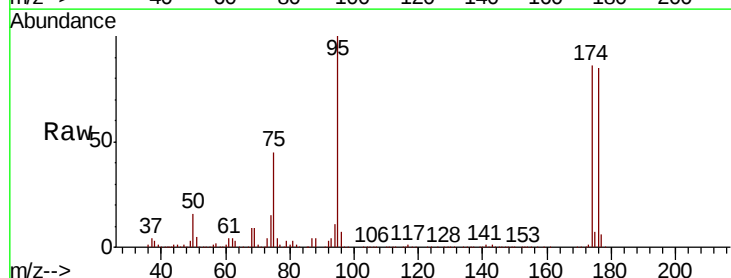
Acq: 08 Jun 2019 01:14

Tgt Ion: 75 Resp: 89273

Ion Ratio Lower Upper

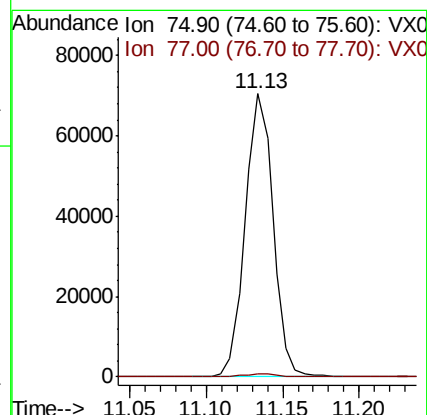
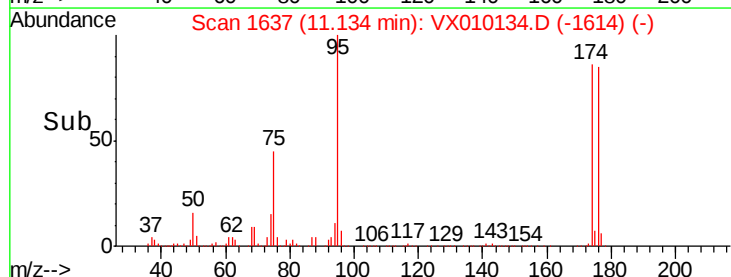
75 100

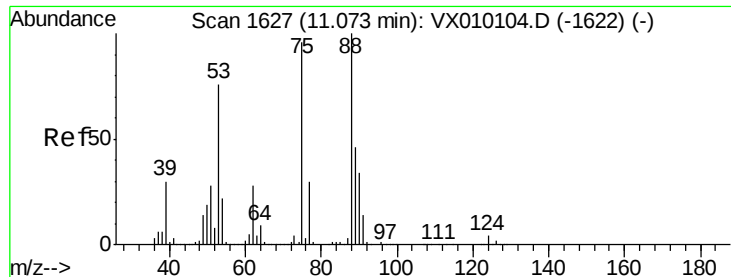
77 1.2 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

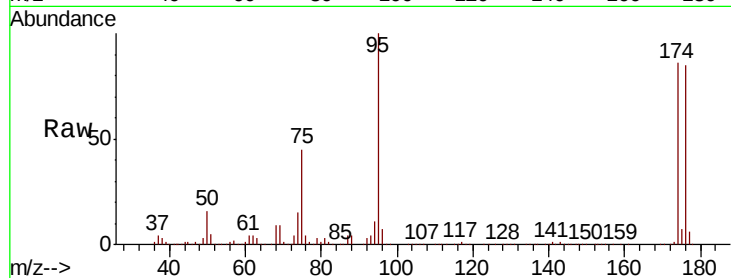




#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.817 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010134.D
 Acq: 08 Jun 2019 01:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190606

Tot Ion: 75 Resp: 89273
 Ion Ratio Lower Upper
 75 100
 53 0.3 79.8 119.6#
 89 0.0 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

