

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031219\
 Data File : VX008025.D
 Acq On : 12 Mar 2019 19:14
 Operator : JC/SP
 Sample : K1793-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20190306

Quant Time: Mar 13 05:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

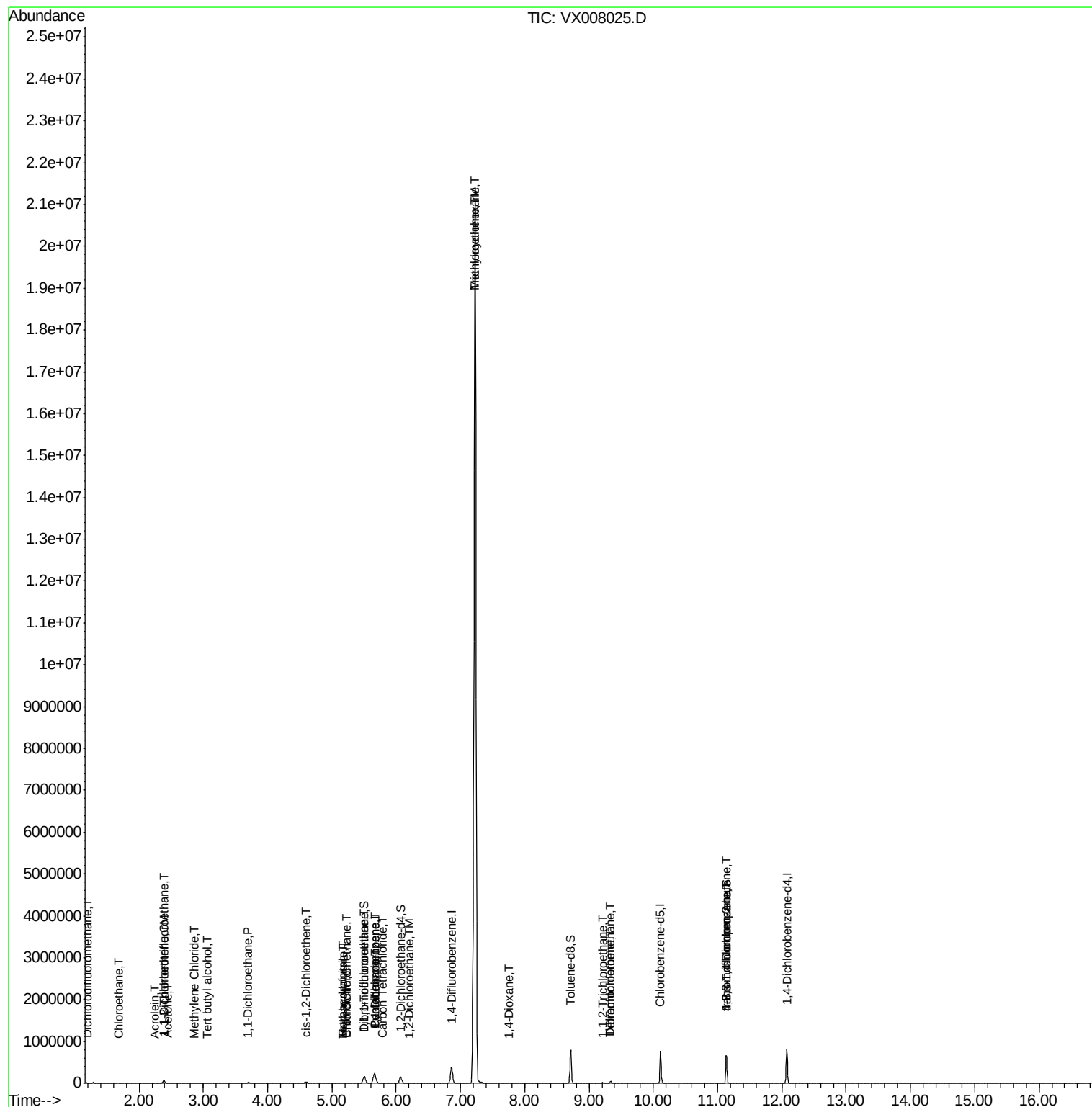
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138584	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	5.50	113	127240	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.71	98	473158	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	175412	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	465	0.218	ug/l	87
5) Bromomethane	1.65	94	177	Below Cal		92
6) Chloroethane	1.68	64	532	0.293	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13263	6.017	ug/l	98
11) Tert butyl alcohol	3.07	59	139	0.236	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	13527	6.366	ug/l	91
13) Acrolein	2.25	56	43	1.670	ug/l #	13
16) Acetone	2.45	43	2683	1.759	ug/l	99
17) Carbon Disulfide	2.57	76	399	Below Cal	#	36
20) Methylene Chloride	2.86	84	823	0.339	ug/l #	78
24) 1,1-Dichloroethane	3.70	63	15436	3.505	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	20174	7.541	ug/l	90
28) Bromochloromethane	5.21	49	848	0.413	ug/l #	11
29) Tetrahydrofuran	5.16	42	2005	1.489	ug/l	97
30) Chloroform	5.22	83	10982	2.636	ug/l	99
31) Cyclohexane	5.66	56	3803	0.939	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	2115	0.612	ug/l #	49
36) 1,1-Dichloropropene	5.67	75	15261	4.308	ug/l #	48
38) Carbon Tetrachloride	5.78	117	4576	1.361	ug/l	97
39) Methylcyclohexane	7.23	83	101037	23.536	ug/l #	1
41) Methacrylonitrile	5.17	41	1227	0.535	ug/l #	41
42) 1,2-Dichloroethane	6.20	62	1094	0.317	ug/l	88
44) Trichloroethene	7.23	130	8953308	3080.338	ug/l	98
49) 1,4-Dioxane	7.76	88	790	11.756	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	3712	1.424	ug/l	100
60) Dibromochloromethane	9.34	129	8889	3.262	ug/l #	11
64) Tetrachloroethene	9.34	164	9933	3.215	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	80086	20.842	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	80086	66.623	ug/l #	11

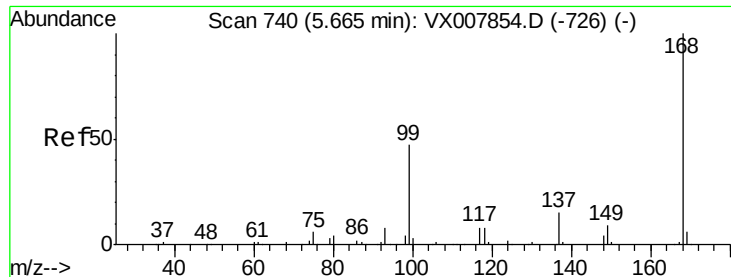
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031219\
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 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: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

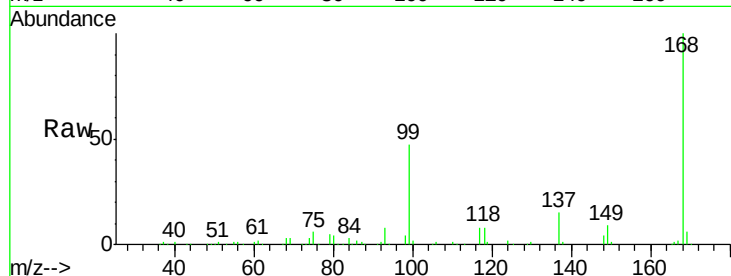
RE108D2-20190306

Tot Ion:168 Resp: 249739

Ion Ratio Lower Upper

168 100

99 46.8 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

100000

80000

60000

40000

20000

0

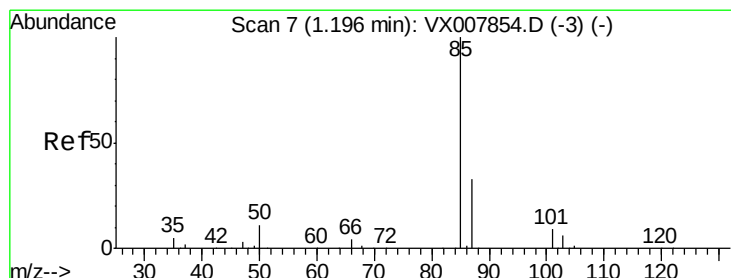
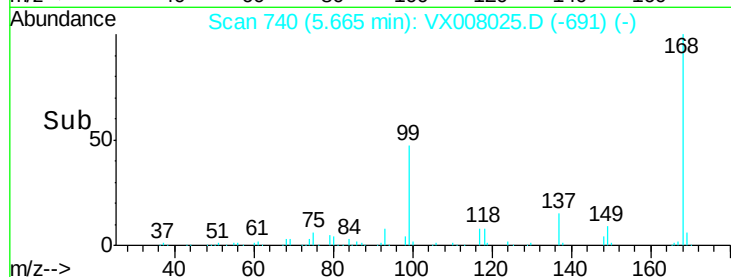
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 0.218 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008025.D

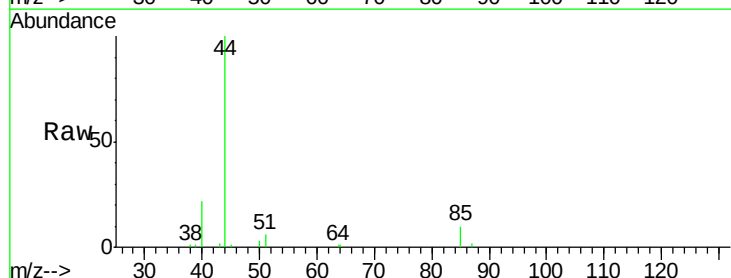
Acq: 12 Mar 2019 19:14

Tgt Ion: 85 Resp: 465

Ion Ratio Lower Upper

85 100

87 25.4 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

500

400

300

200

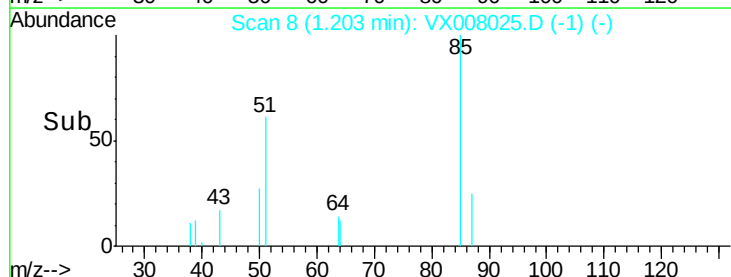
100

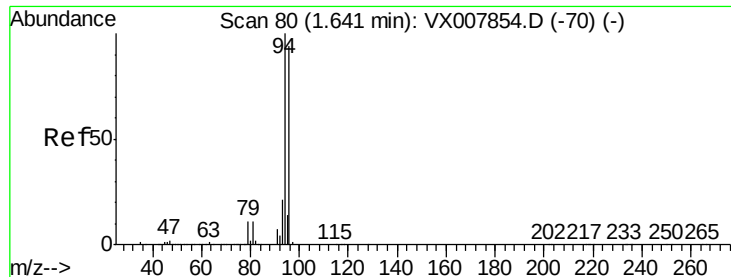
0

Time-->

1.20

1.25





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

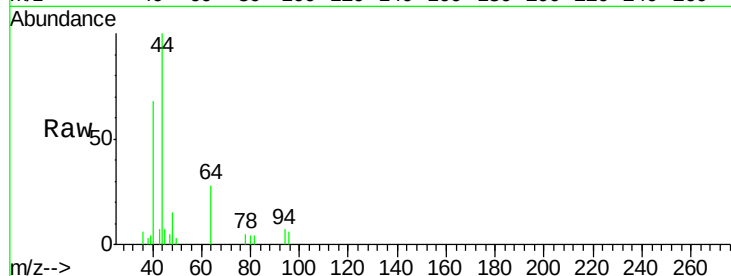
RE108D2-20190306

Tot Ion: 94 Resp: 177

Ion Ratio Lower Upper

94 100

96 86.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

100

80

60

40

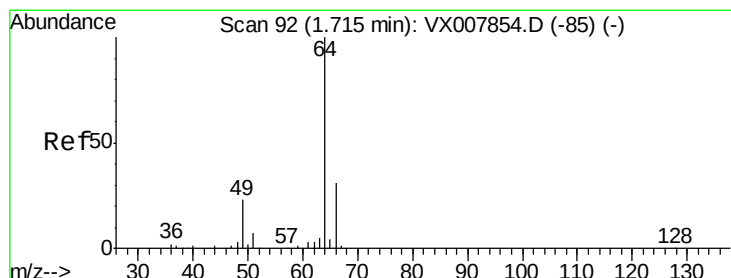
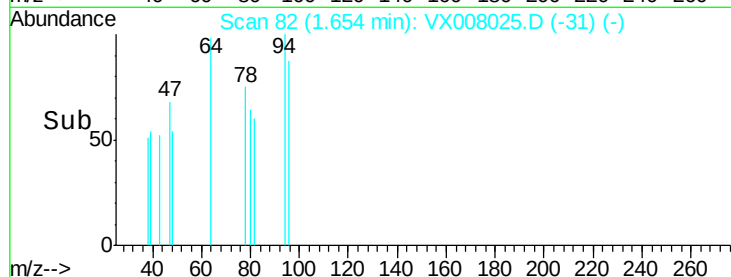
20

0

Time-->

1.65

1.70



#6

Chloroethane

Concen: 0.293 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX008025.D

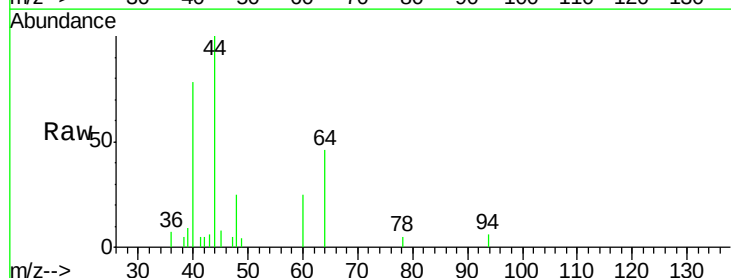
Acq: 12 Mar 2019 19:14

Tgt Ion: 64 Resp: 532

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

800

600

400

200

0

Time-->

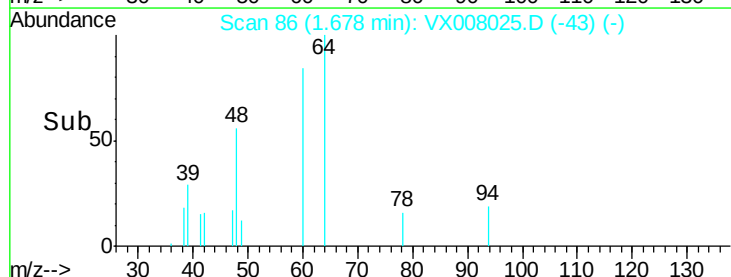
1.62

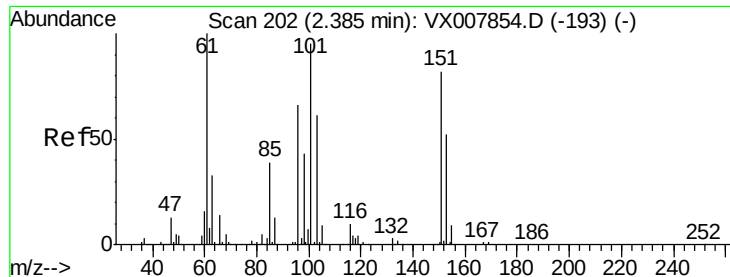
1.64

1.66

1.68

1.70





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.017 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306

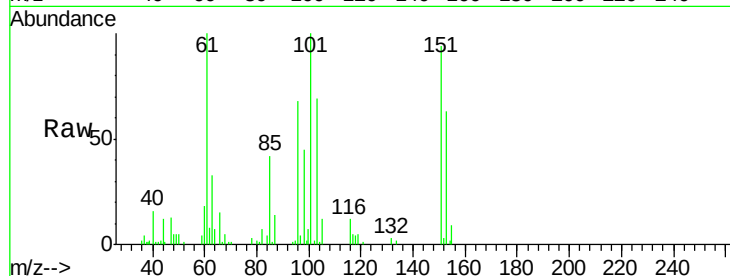
Tot Ion:101 Resp: 13263

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.6

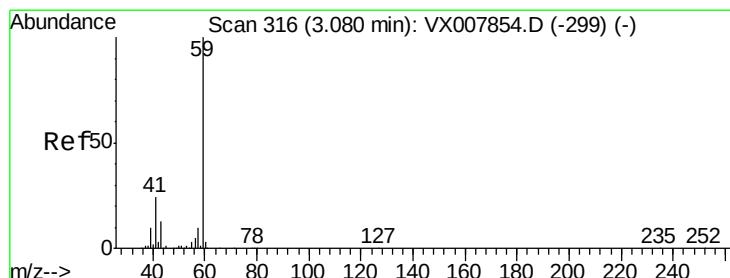
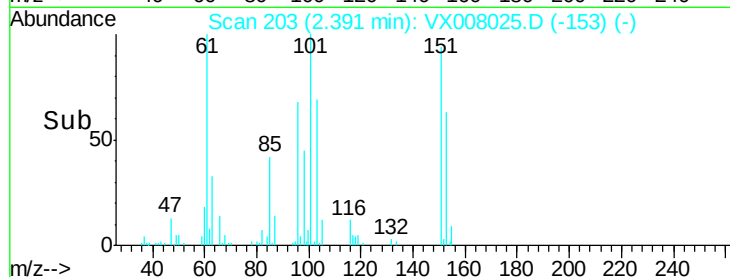
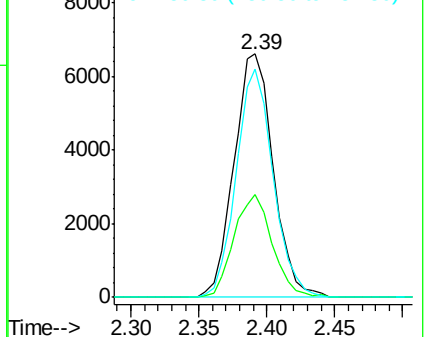
151 88.9 69.1 103.7



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: 0.236 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX008025.D

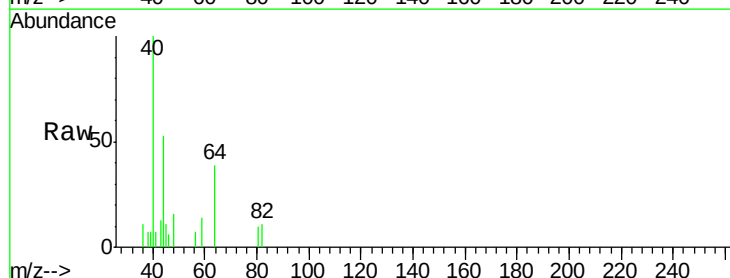
Acq: 12 Mar 2019 19:14

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

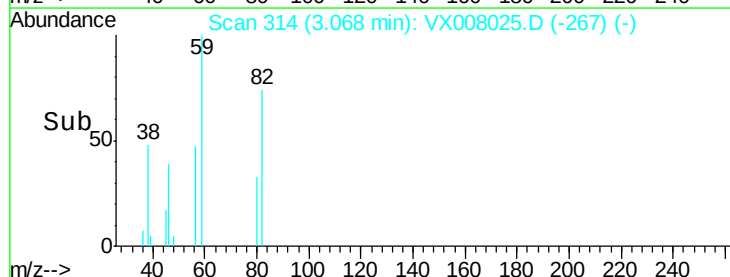
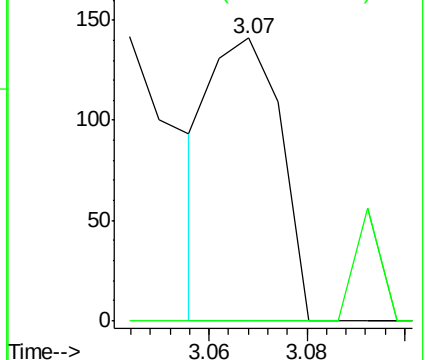
59 100

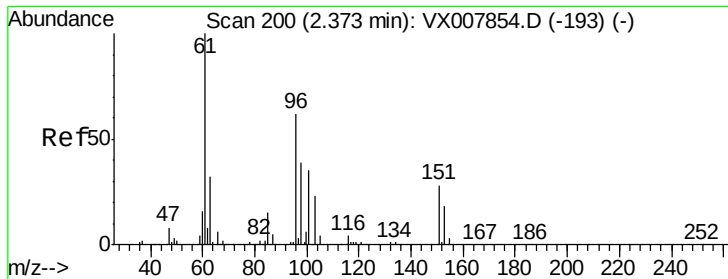
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 6.366 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306

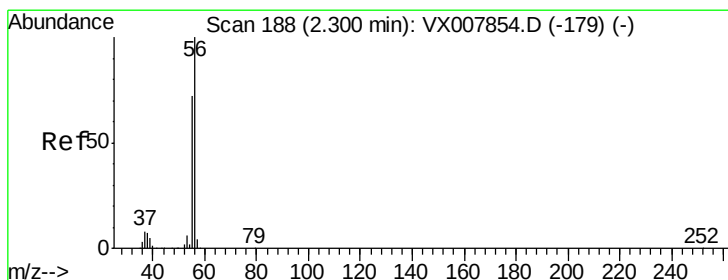
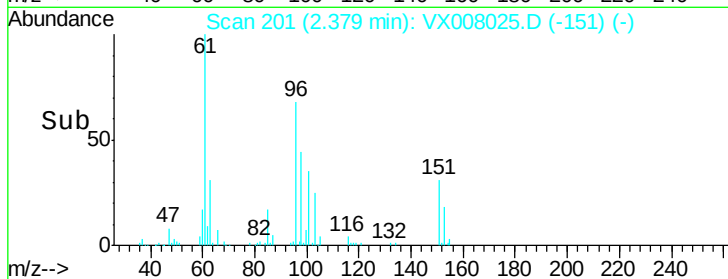
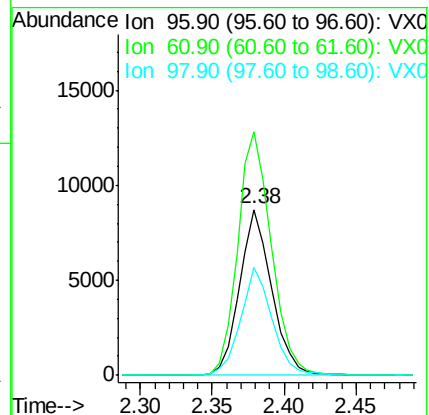
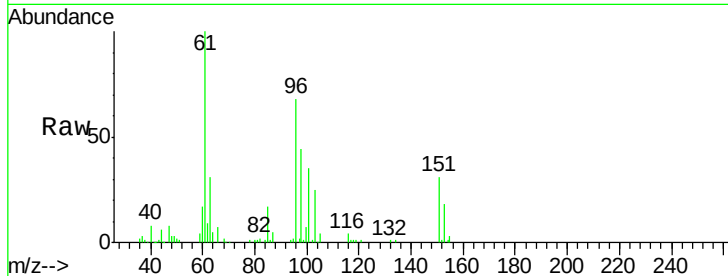
Tot Ion: 96 Resp: 13527

Ion Ratio Lower Upper

96 100

61 146.8 129.8 194.6

98 65.0 51.0 76.6



#13

Acrolein

Concen: 1.670 ug/l

RT: 2.25 min Scan# 180

Delta R.T. -0.05 min

Lab File: VX008025.D

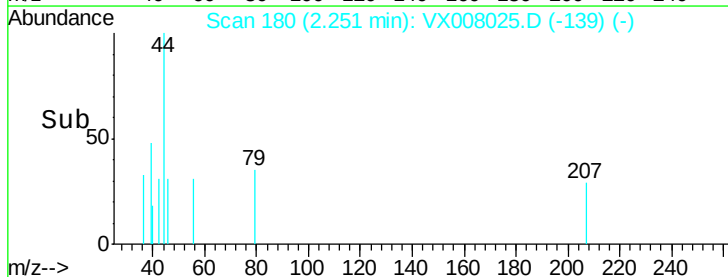
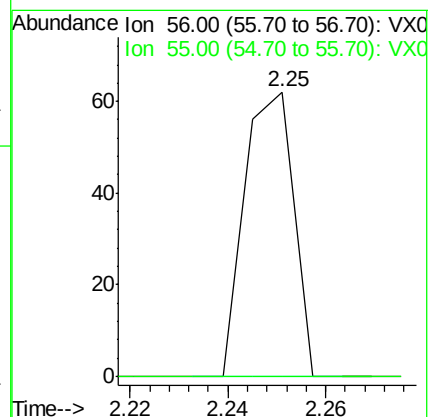
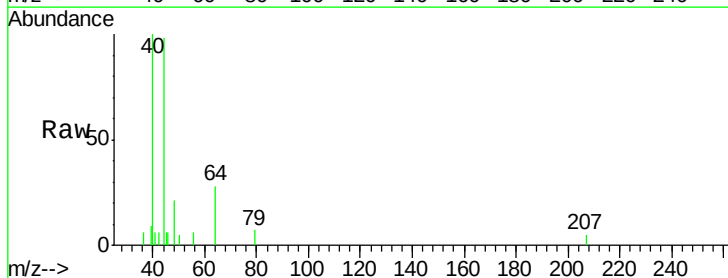
Acq: 12 Mar 2019 19:14

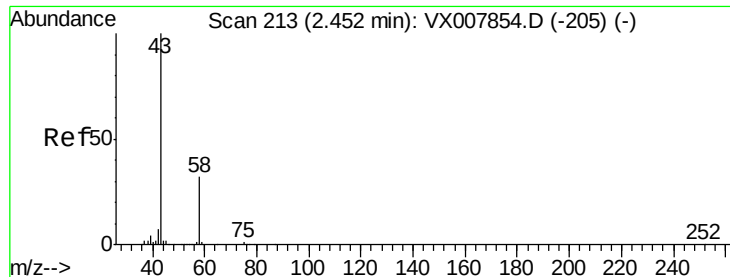
Tgt Ion: 56 Resp: 43

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#





#16

Acetone

Concen: 1.759 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

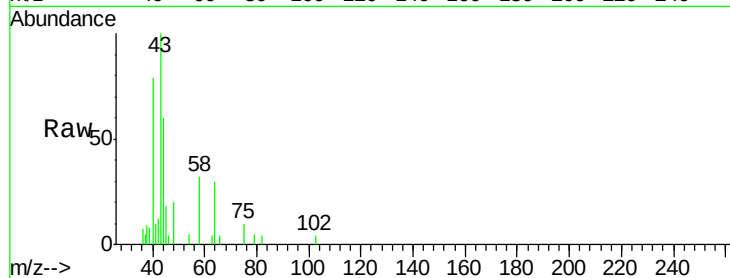
RE108D2-20190306

Tot Ion: 43 Resp: 2683

Ion Ratio Lower Upper

43 100

58 31.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1500

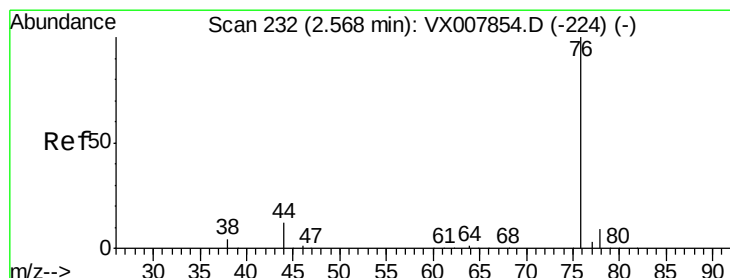
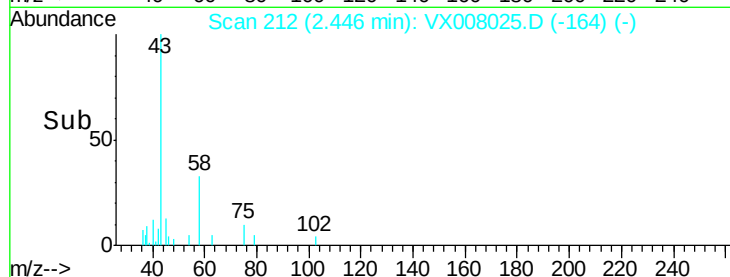
1000

500

0

Time-->

2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008025.D

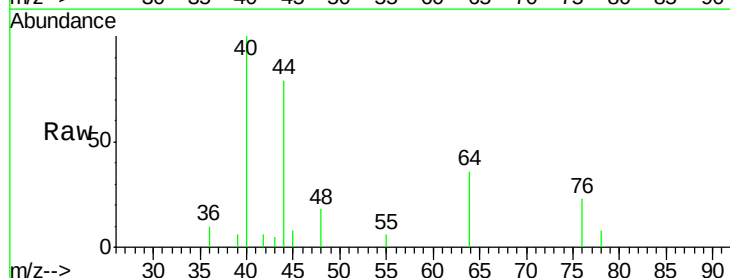
Acq: 12 Mar 2019 19:14

Tgt Ion: 76 Resp: 399

Ion Ratio Lower Upper

76 100

78 32.1 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250

200

150

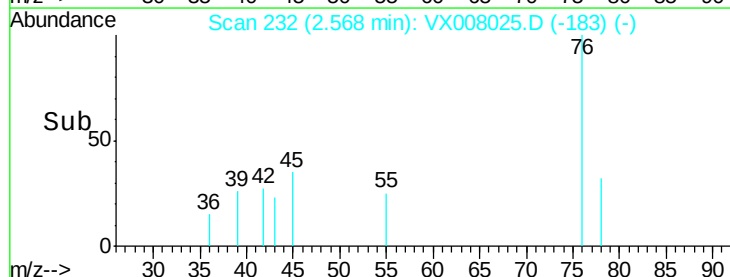
100

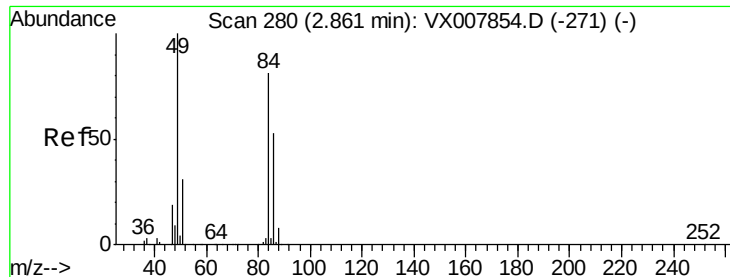
50

0

Time-->

2.55 2.60



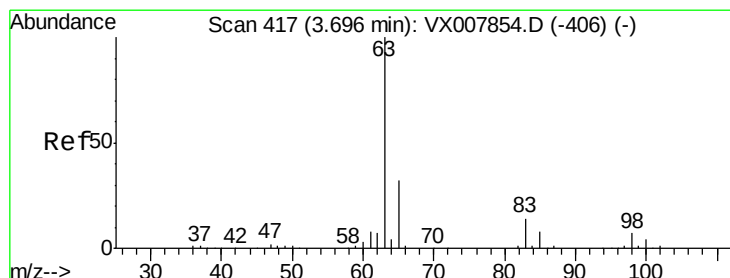
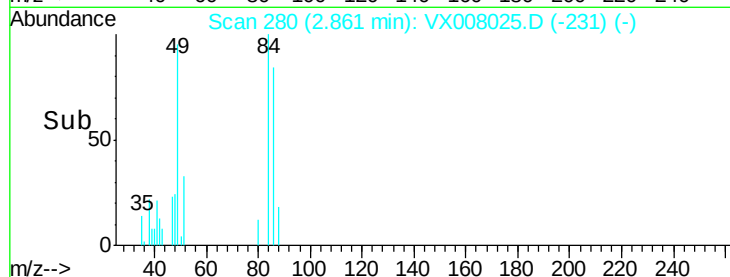
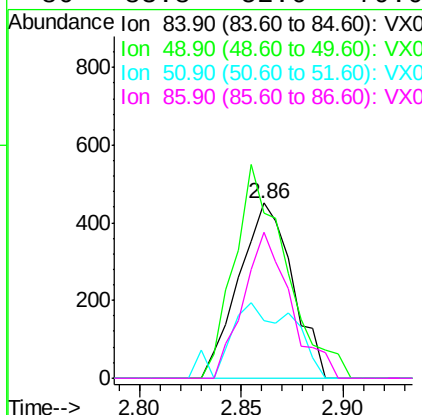
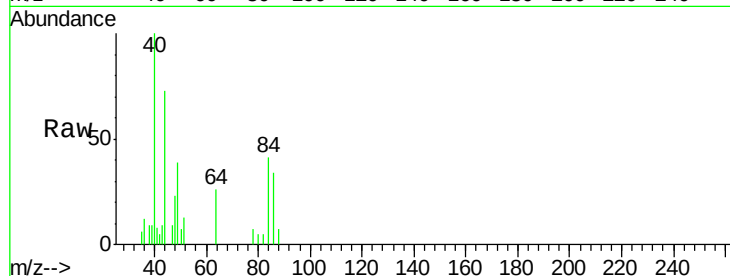


#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tot Ion: 84 Resp: 823

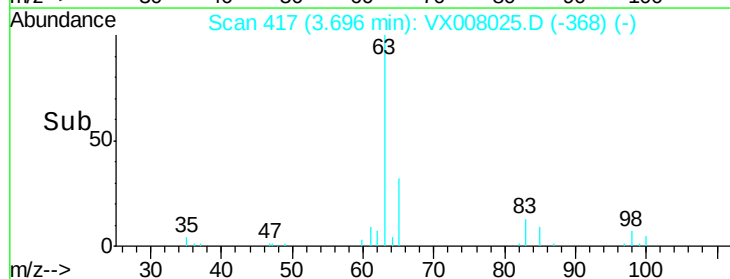
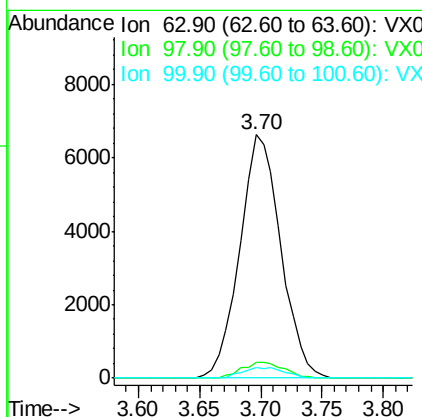
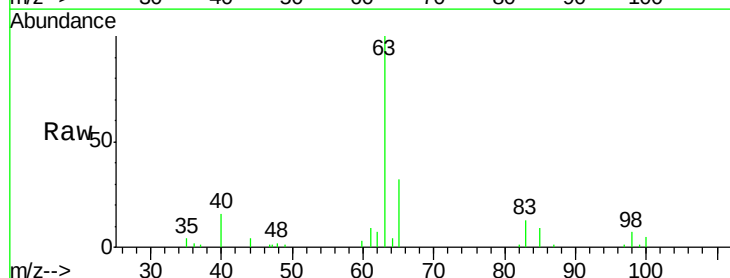
Ion	Ratio	Lower	Upper
84	100		
49	94.7	99.3	148.9#
51	32.7	31.3	46.9
86	83.8	52.6	79.0#

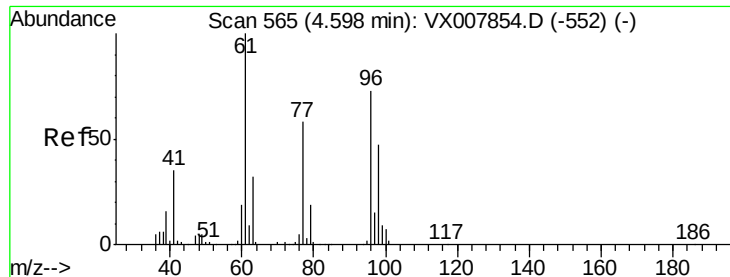


#24
1,1-Dichloroethane
Concen: 3.505 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 63 Resp: 15436

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.8
100	4.6	2.3	6.8



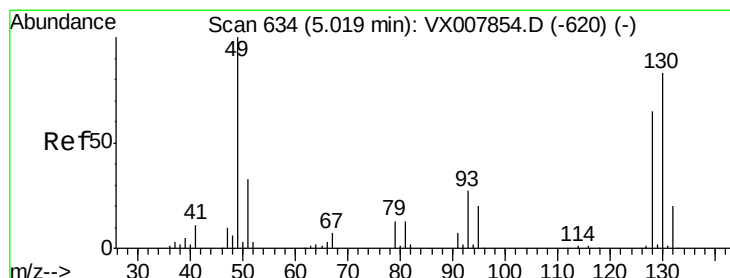
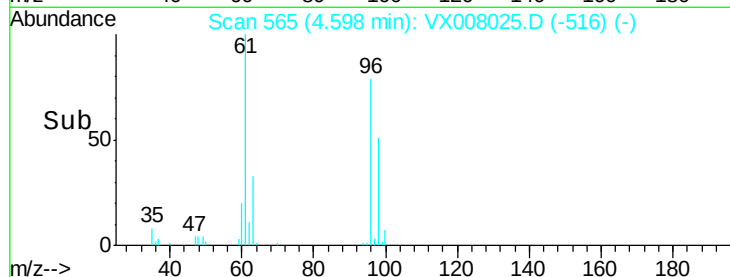
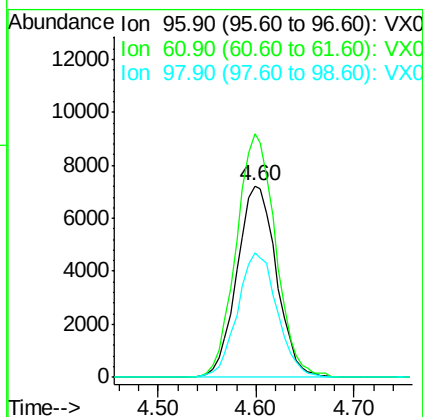
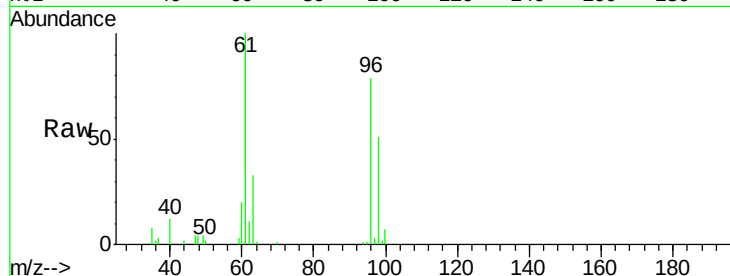


#27

cis-1,2-Dichloroethene
Concen: 7.541 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

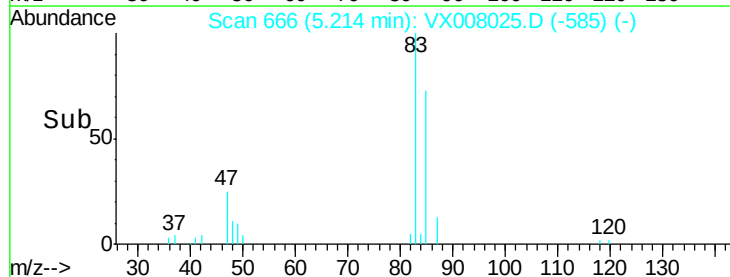
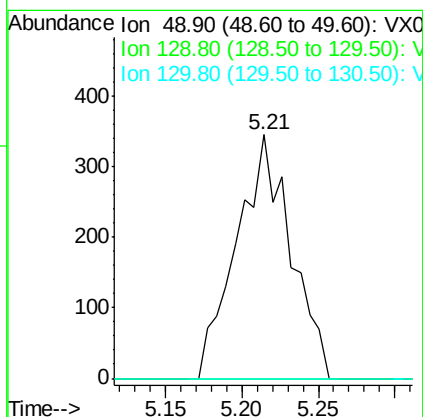
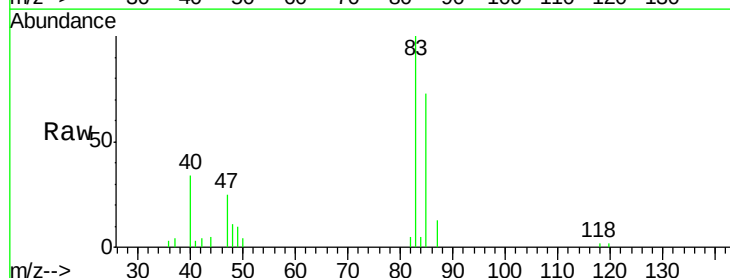
Tot Ion: 96 Resp: 20174
Ion Ratio Lower Upper
96 100
61 127.0 0.0 288.0
98 65.4 0.0 129.0

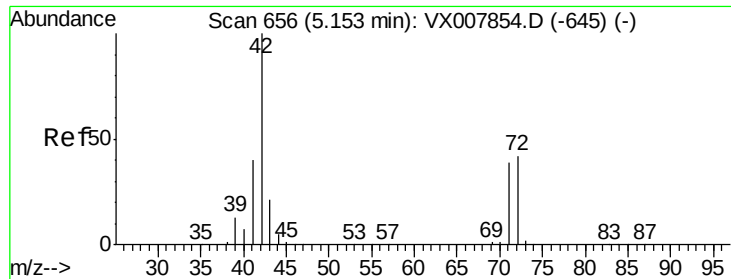


#28

Bromochloromethane
Concen: 0.413 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.20 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 49 Resp: 848
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 65.0 97.4#

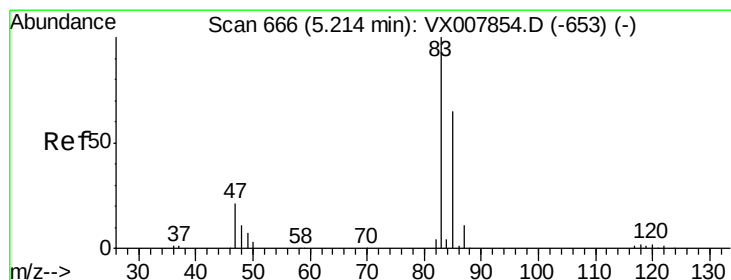
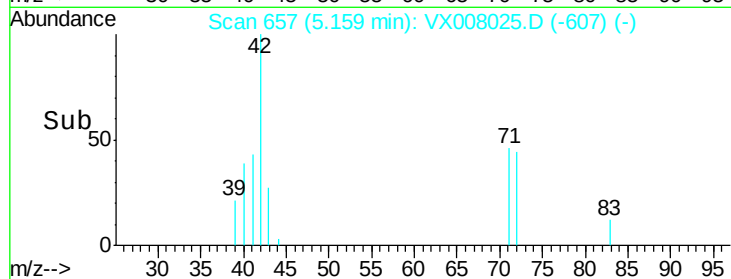
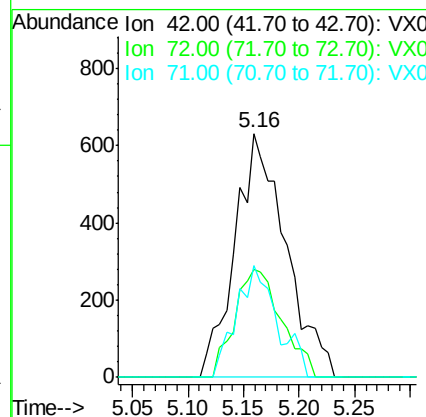
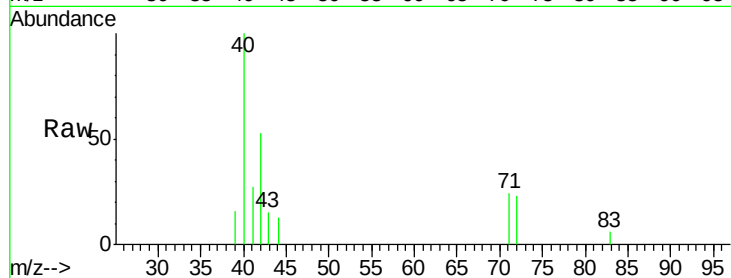




#29
Tetrahydrofuran
Concen: 1.489 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

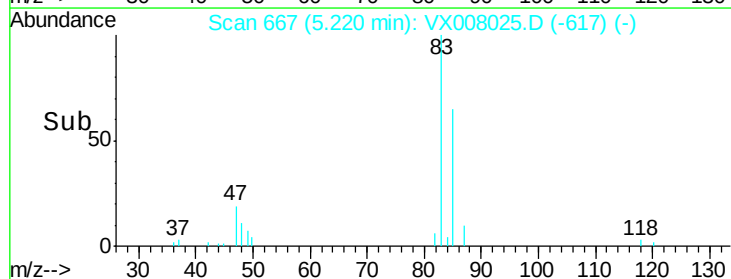
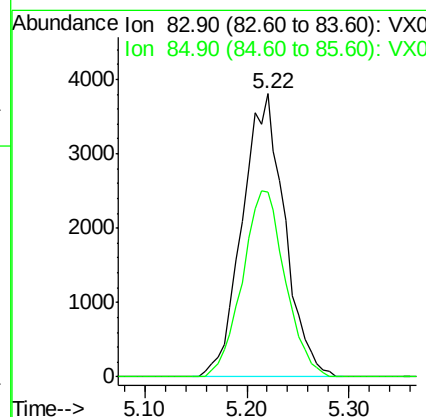
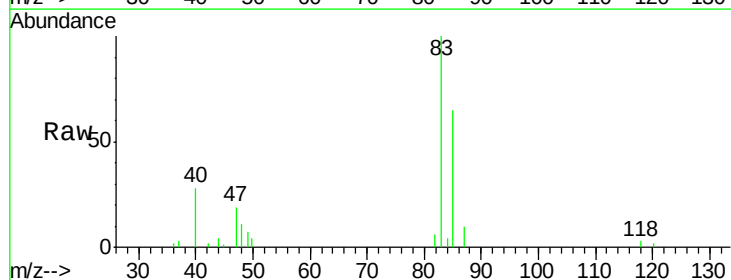
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

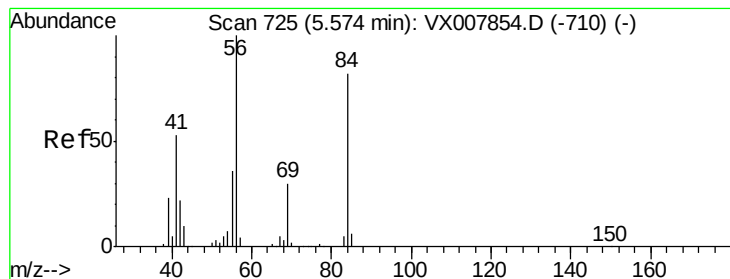
Tot Ion: 42 Resp: 2005
Ion Ratio Lower Upper
42 100
72 40.5 33.8 50.6
71 36.8 31.5 47.3



#30
Chloroform
Concen: 2.636 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 83 Resp: 10982
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.6





#31

Cyclohexane

Concen: 0.939 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306

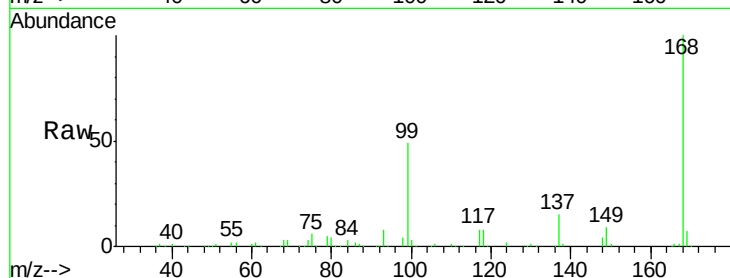
Tot Ion: 56 Resp: 3803

Ion Ratio Lower Upper

56 100

69 212.3 24.0 36.0#

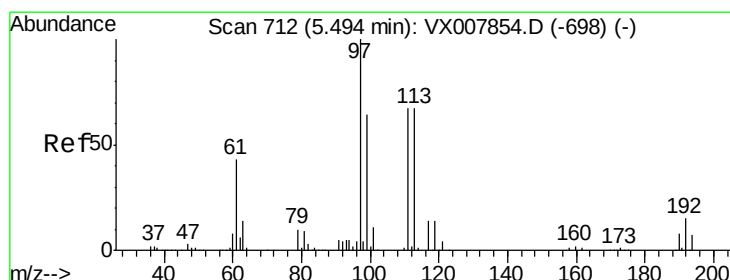
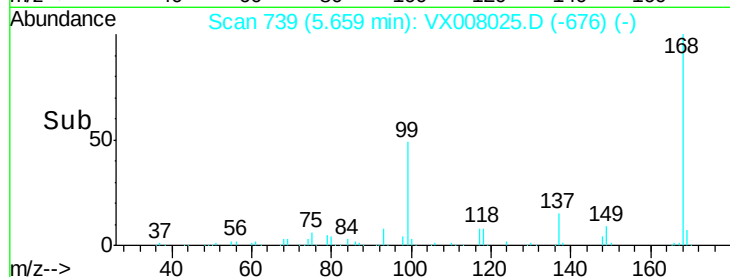
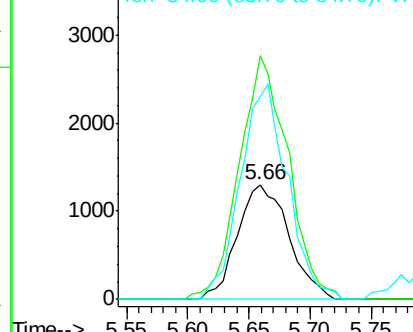
84 176.2 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.612 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

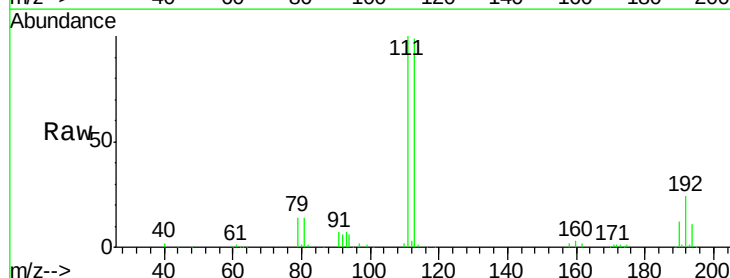
Tgt Ion: 97 Resp: 2115

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

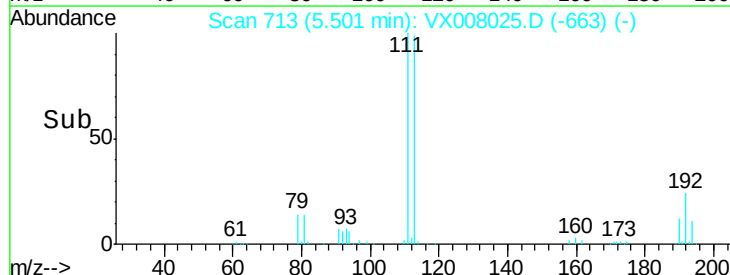
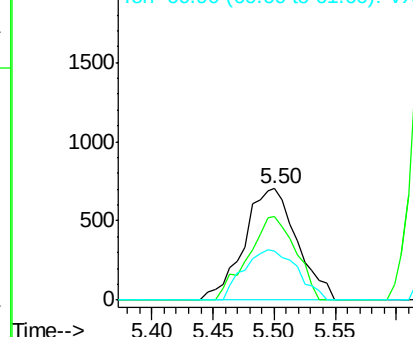
61 45.3 34.9 52.3

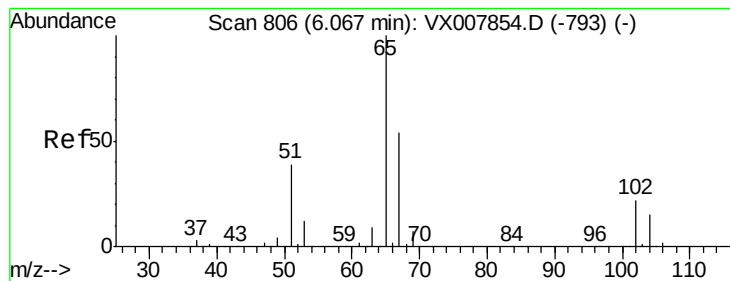


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

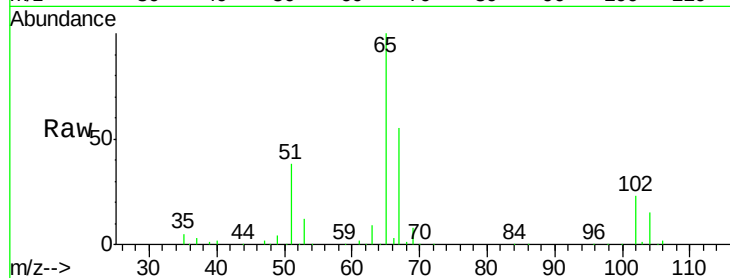
RE108D2-20190306

Tot Ion: 65 Resp: 138584

Ion Ratio Lower Upper

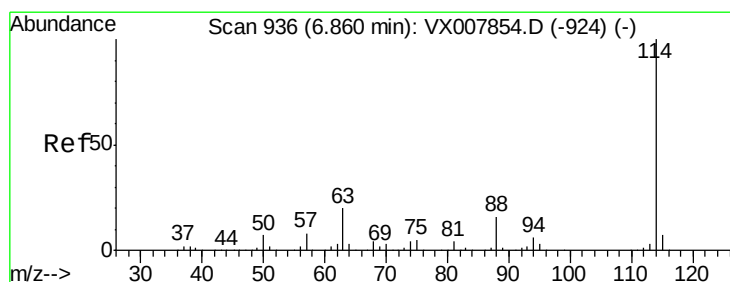
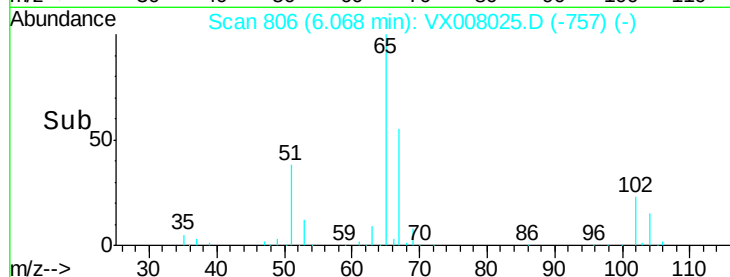
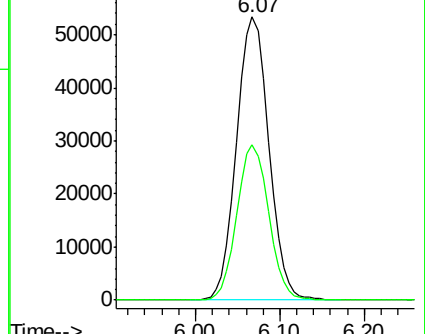
65 100

67 54.1 0.0 110.0



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: VX008025.D

Acq: 12 Mar 2019 19:14

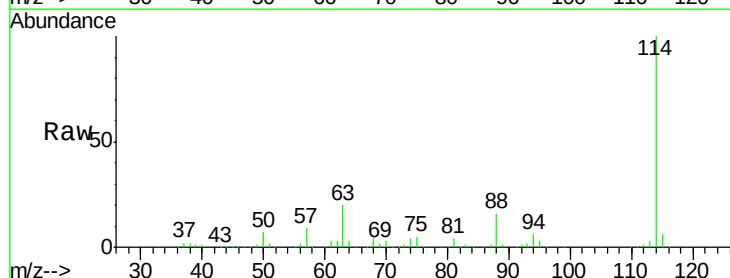
Tgt Ion: 114 Resp: 391264

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

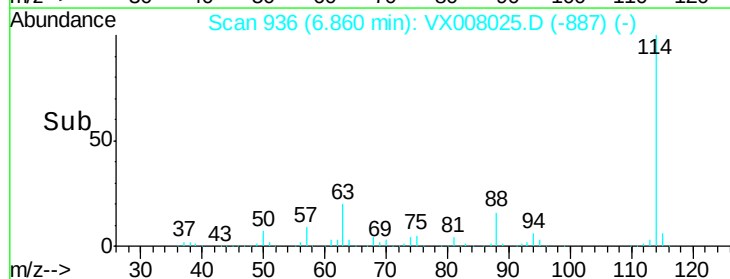
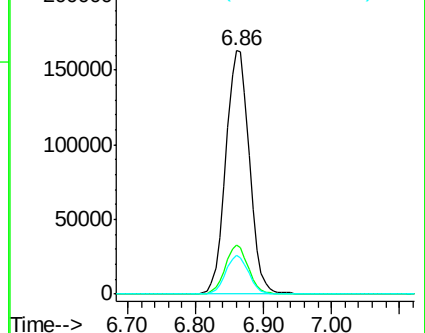
88 15.9 0.0 31.4

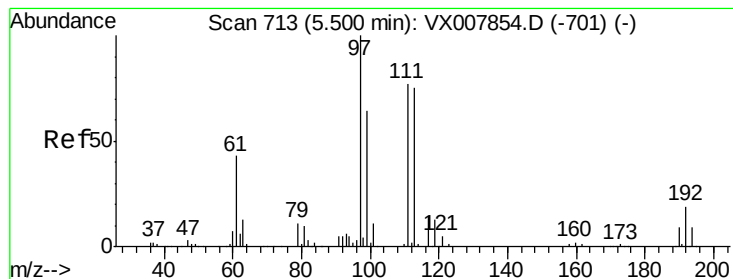


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.839 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306

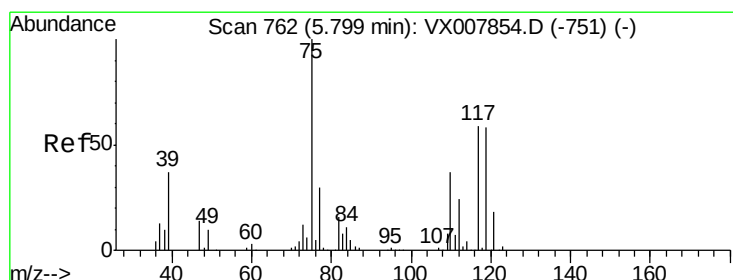
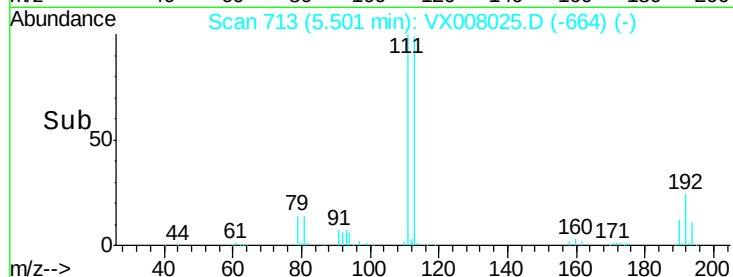
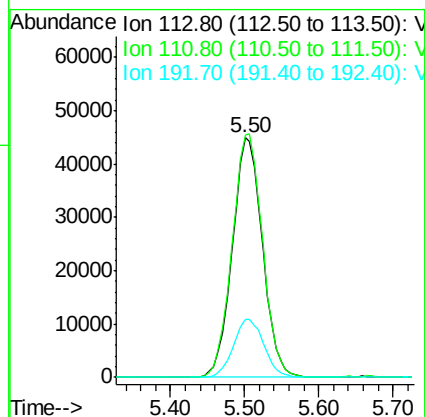
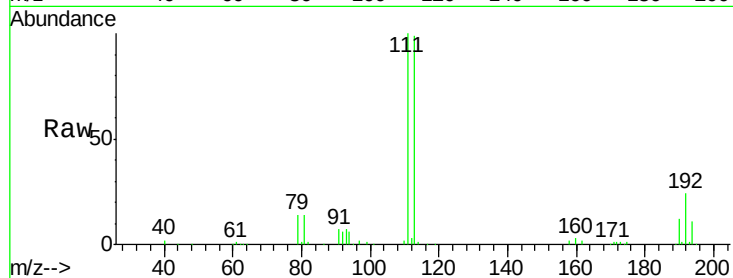
Tot Ion:113 Resp: 127240

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 24.5 19.4 29.0



#36

1,1-Dichloropropene

Concen: 4.308 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

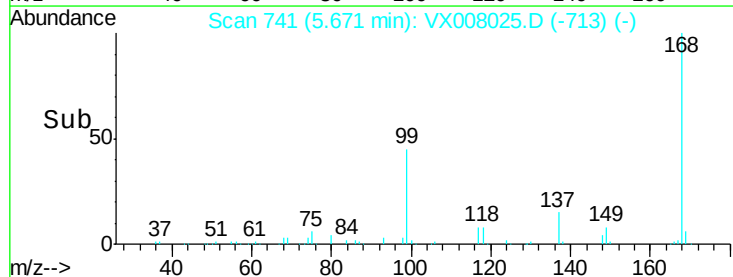
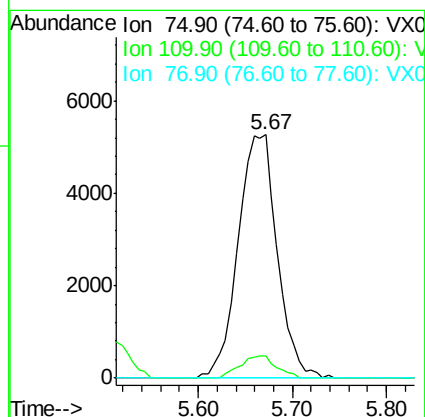
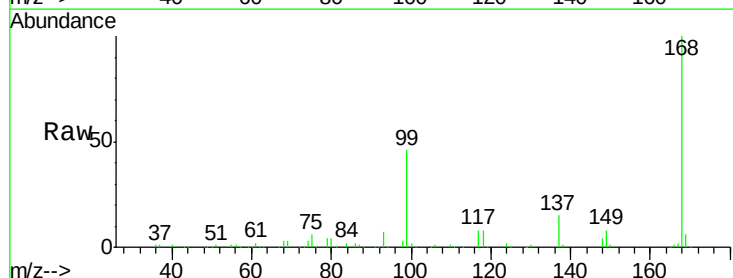
Tgt Ion: 75 Resp: 15261

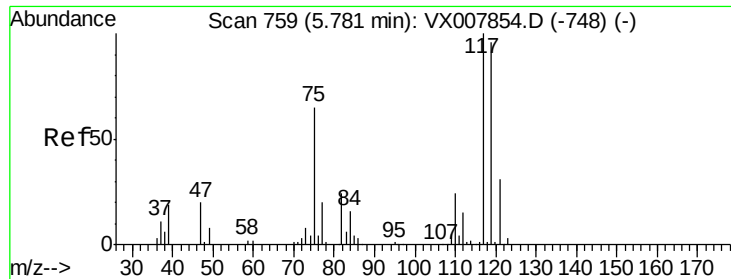
Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.0#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 1.361 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306

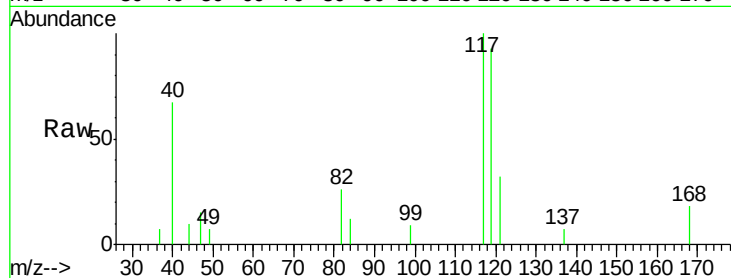
Tot Ion:117 Resp: 4576

Ion Ratio Lower Upper

117 100

119 92.5 76.2 114.2

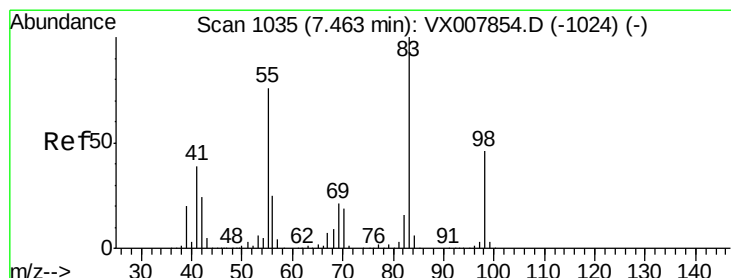
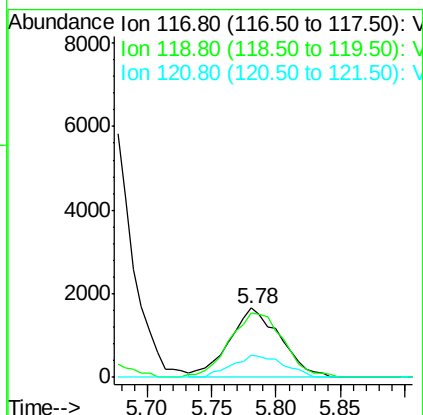
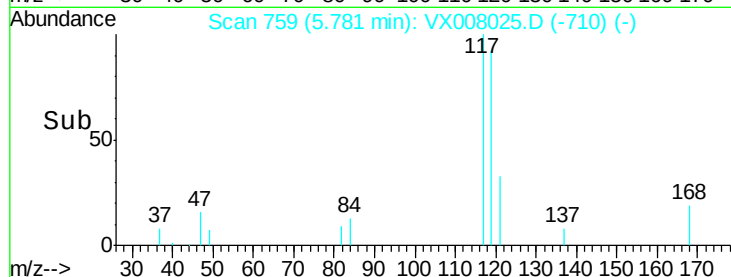
121 31.8 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 23.536 ug/l

RT: 7.23 min Scan# 996

Delta R.T. -0.24 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

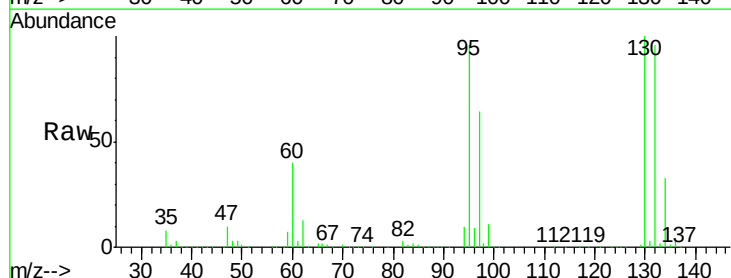
Tgt Ion: 83 Resp: 101037

Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

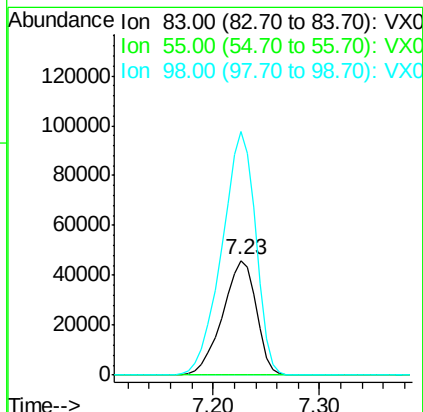
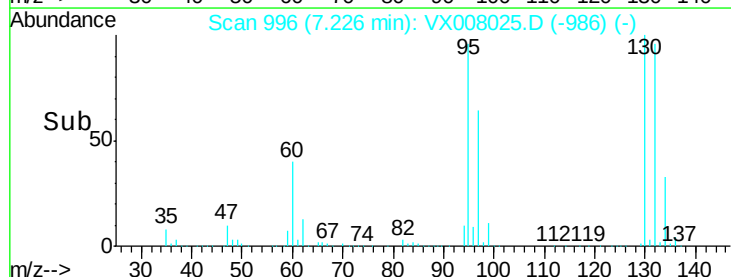
98 212.8 36.5 54.7#

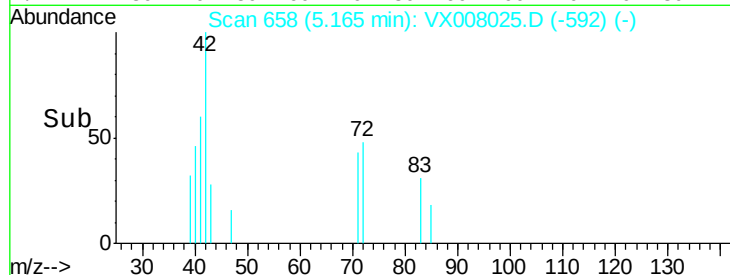
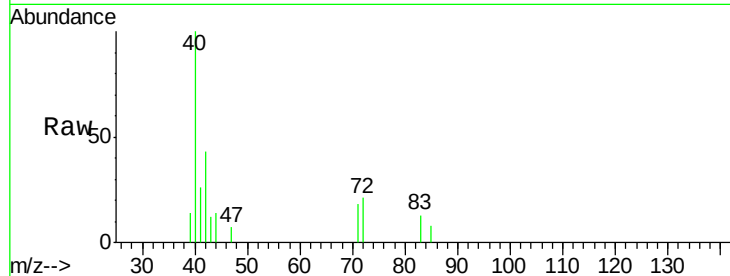
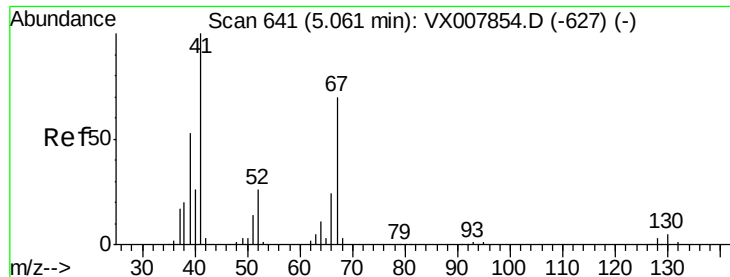


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

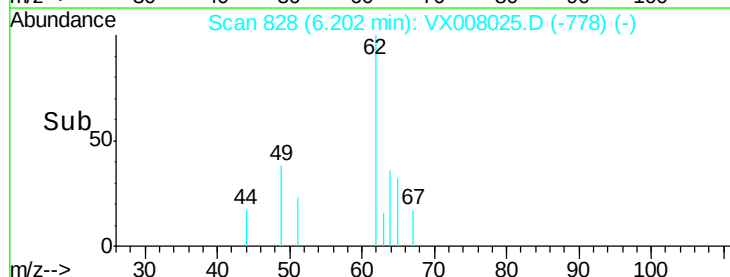
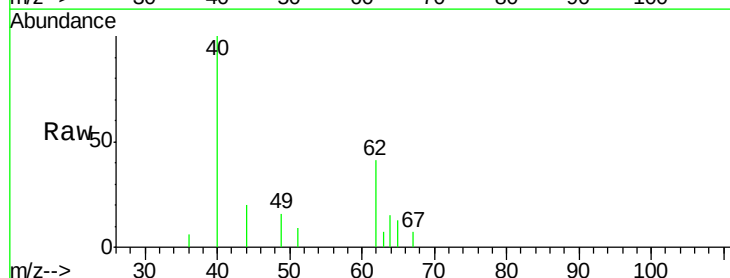
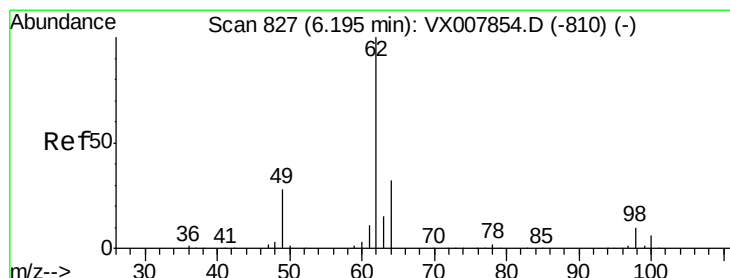
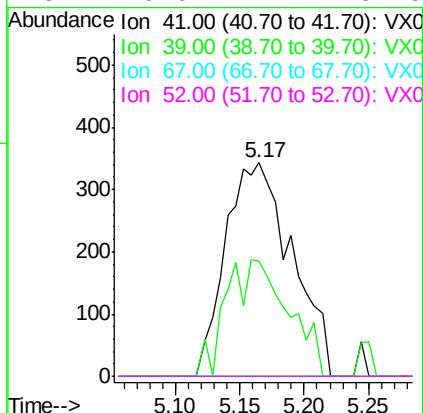




#41
Methacrylonitrile
Concen: 0.535 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

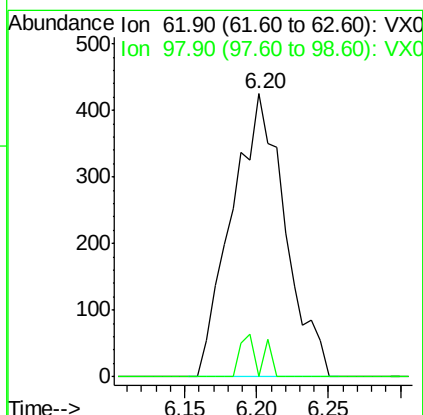
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

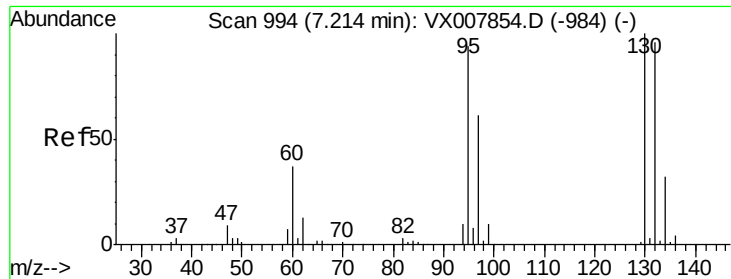
Tot Ion: 41 Resp: 1227
Ion Ratio Lower Upper
41 100
39 33.3 41.6 62.4#
67 0.0 55.8 83.6#
52 0.0 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 0.317 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 62 Resp: 1094
Ion Ratio Lower Upper
62 100
98 5.8 0.0 20.4





#44

Trichloroethene

Concen: 3080.338 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

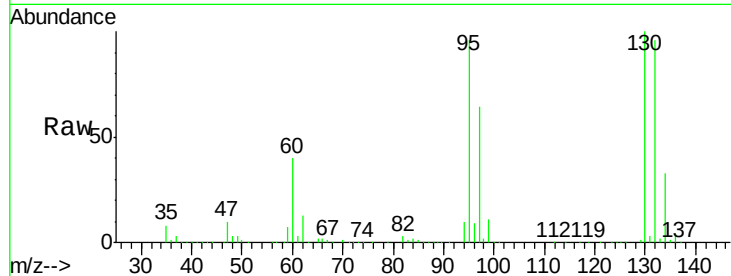
RE108D2-20190306

Tot Ion:130 Resp: 8953308

Ion Ratio Lower Upper

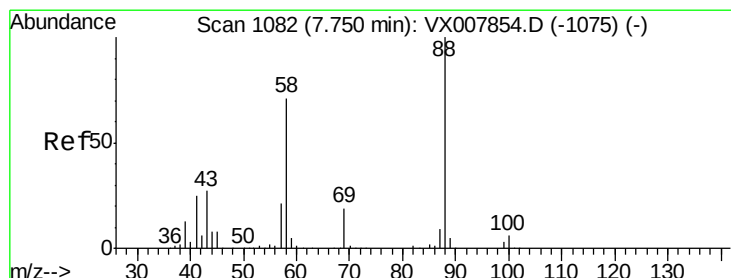
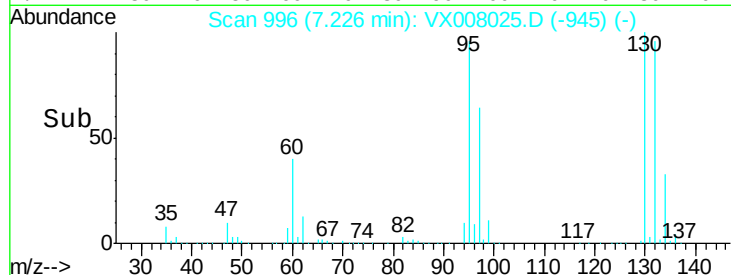
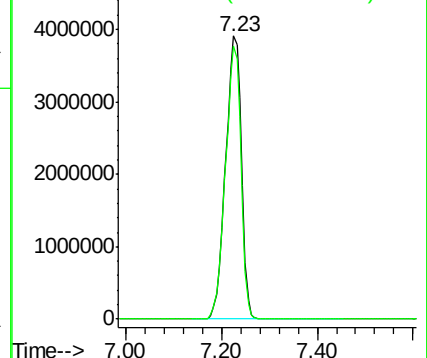
130 100

95 96.3 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: 11.756 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

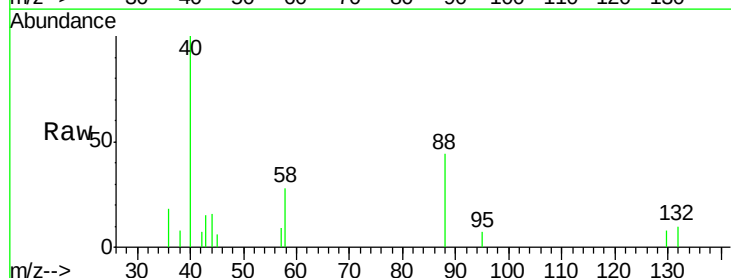
Tgt Ion: 88 Resp: 790

Ion Ratio Lower Upper

88 100

43 39.4 25.1 37.7#

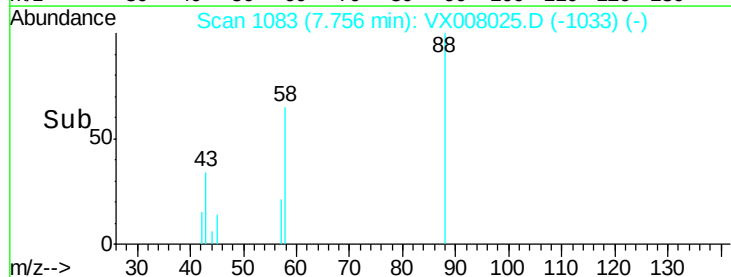
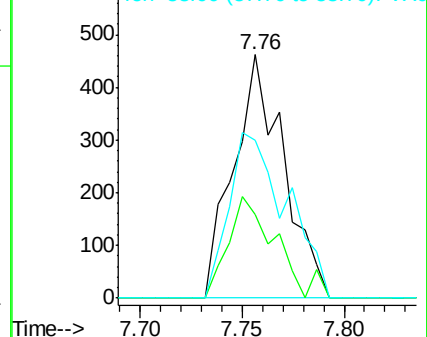
58 77.7 57.8 86.6

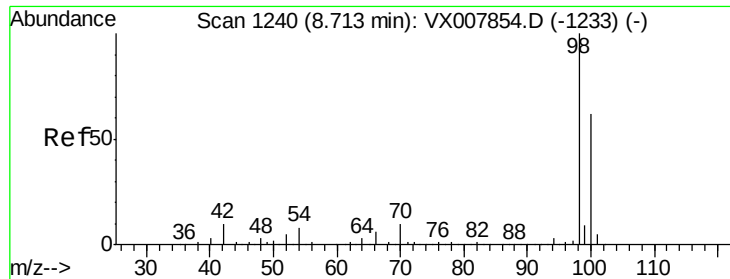


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.477 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

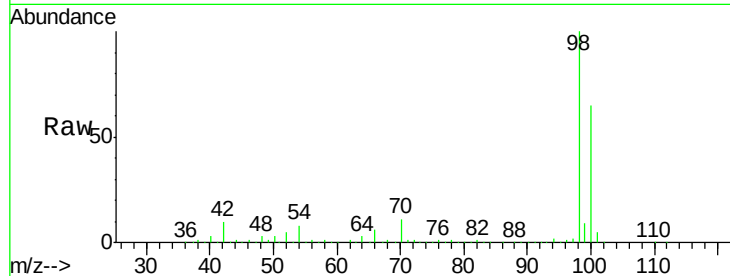
RE108D2-20190306

Tot Ion: 98 Resp: 473158

Ion Ratio Lower Upper

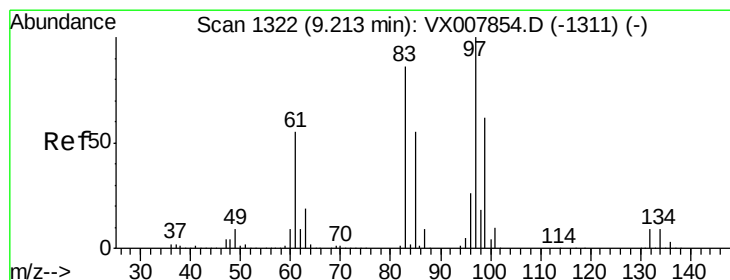
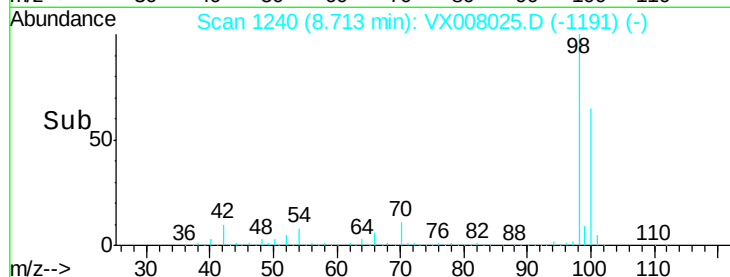
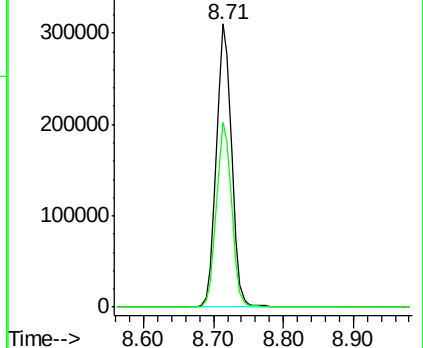
98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.424 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Tgt Ion: 97 Resp: 3712

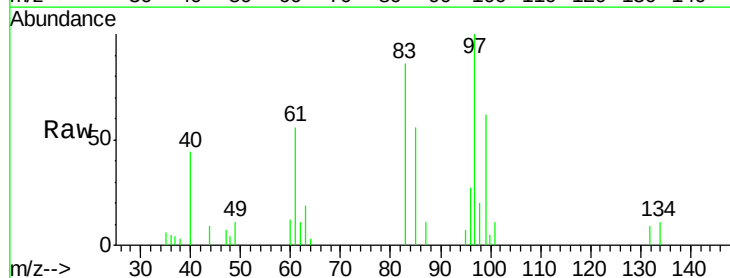
Ion Ratio Lower Upper

97 100

83 86.3 69.1 103.7

85 55.9 44.3 66.5

99 61.8 49.8 74.8

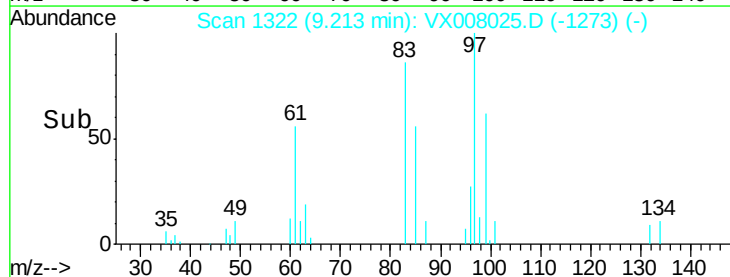
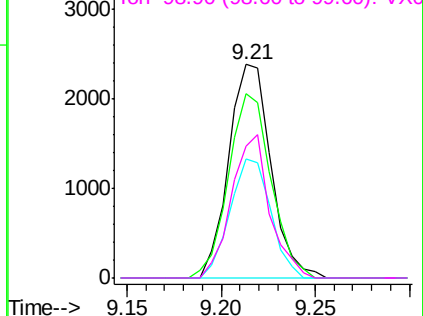


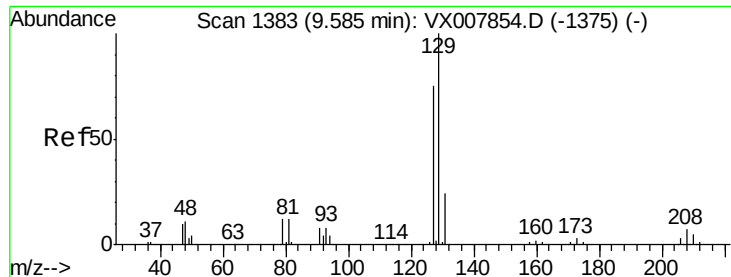
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#60

Dibromochloromethane

Concen: 3.262 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

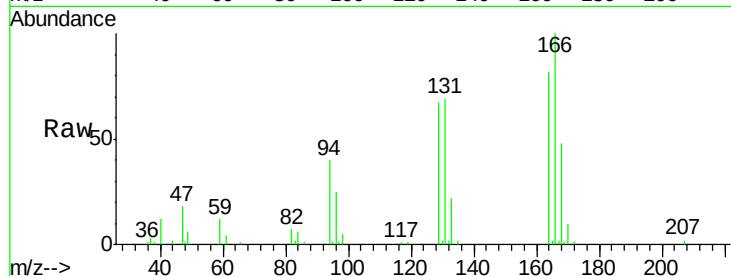
RE108D2-20190306

Tot Ion:129 Resp: 8889

Ion Ratio Lower Upper

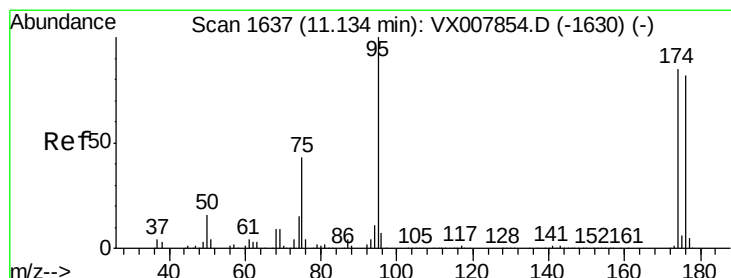
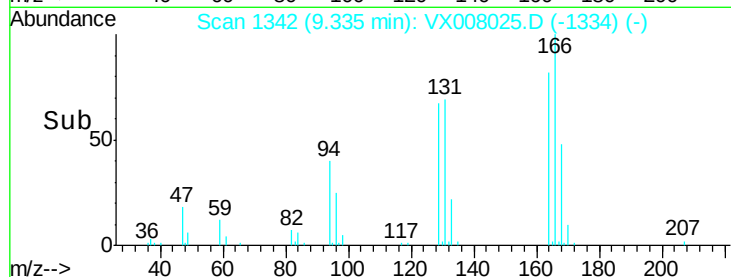
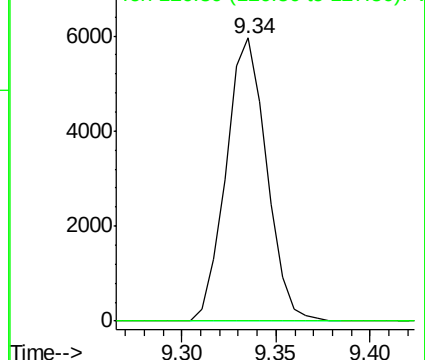
129 100

127 0.0 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: 54.432 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

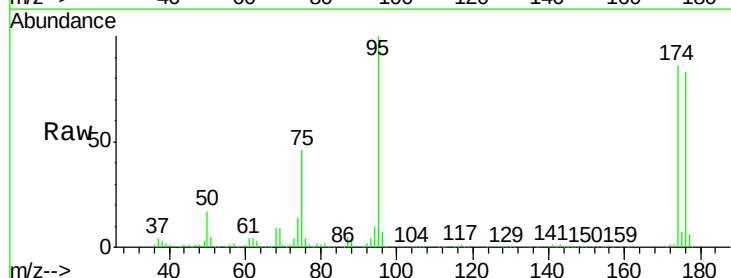
Tgt Ion: 95 Resp: 175412

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

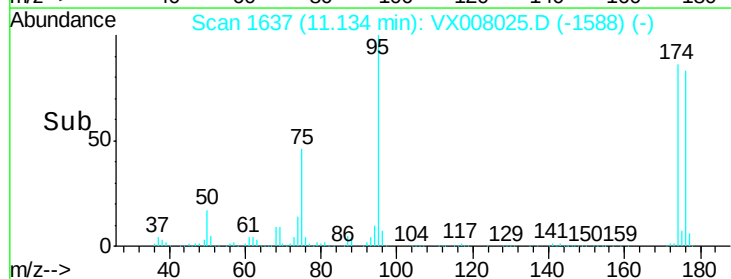
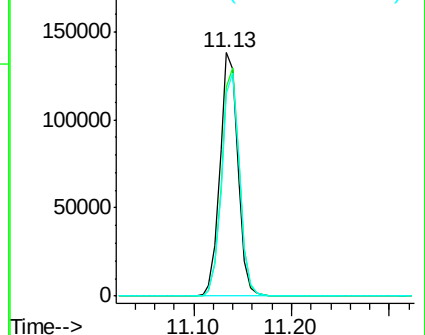
176 90.8 0.0 178.0

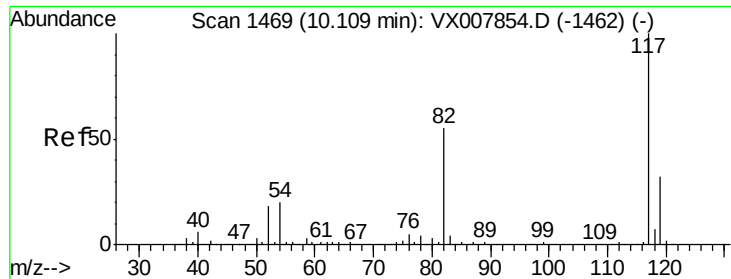


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

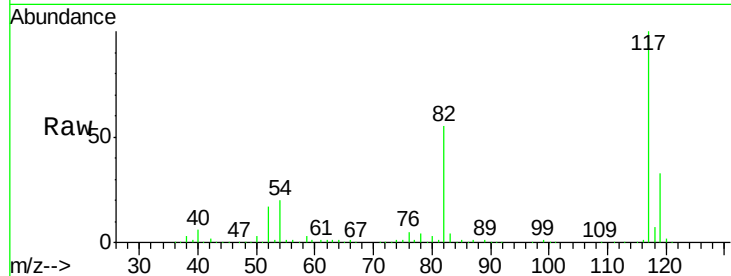




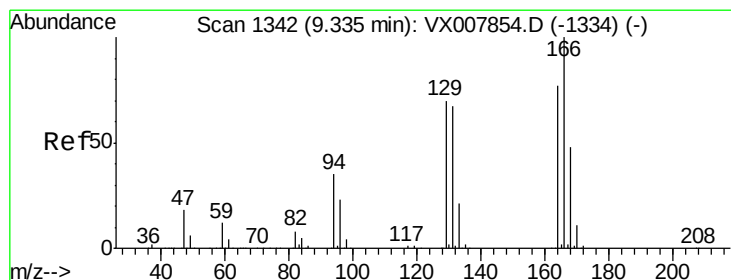
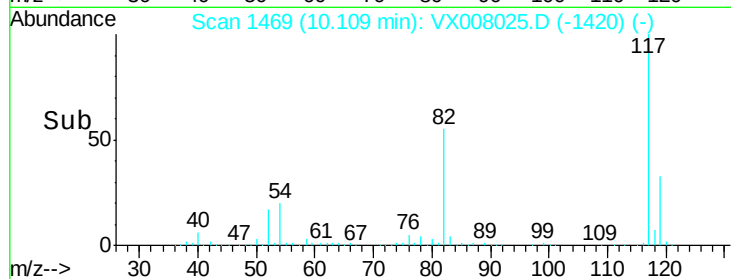
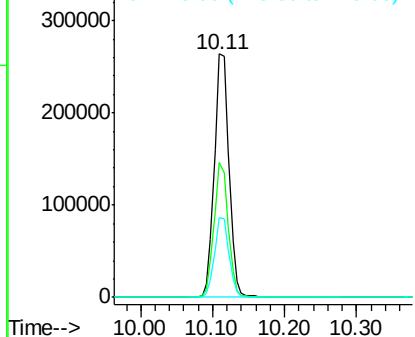
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tot Ion:117 Resp: 372795
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.6 25.3 37.9



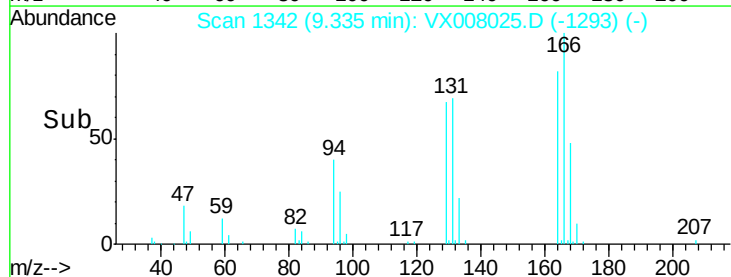
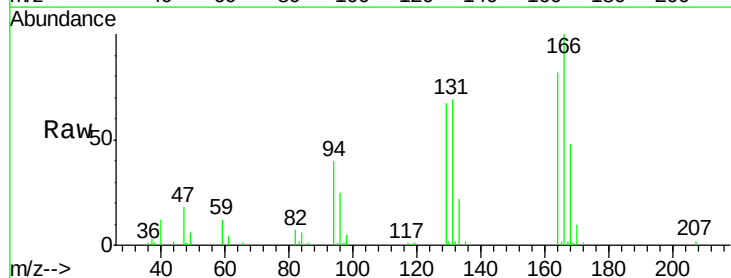
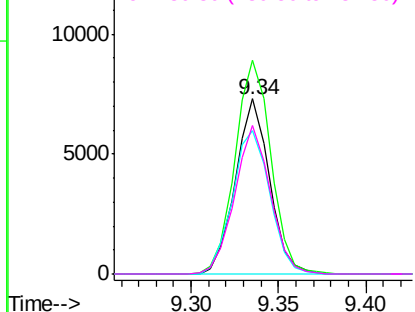
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

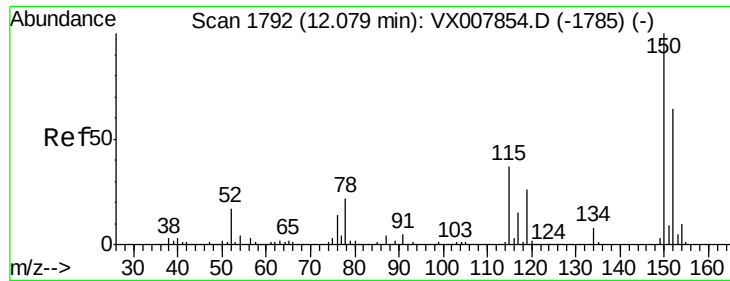


#64
Tetrachloroethene
Concen: 3.215 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion:164 Resp: 9933
Ion Ratio Lower Upper
164 100
166 122.1 103.4 155.0
129 81.7 72.2 108.4
131 84.6 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306

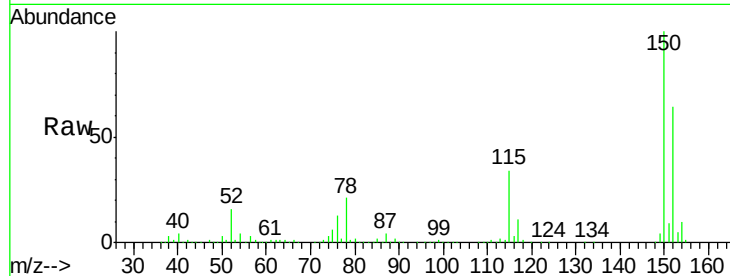
Tot Ion:152 Resp: 183111

Ion Ratio Lower Upper

152 100

115 54.6 38.6 115.7

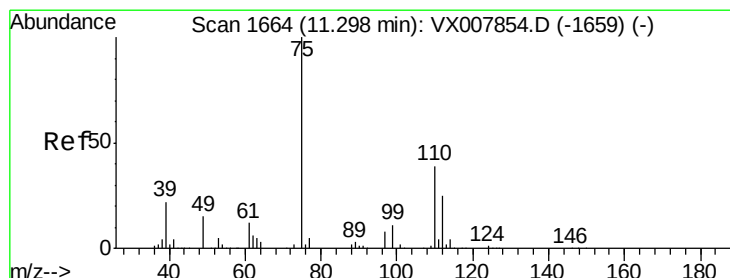
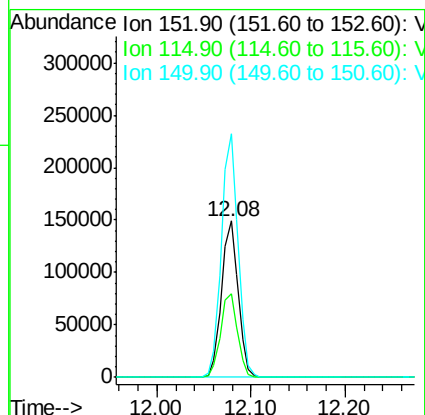
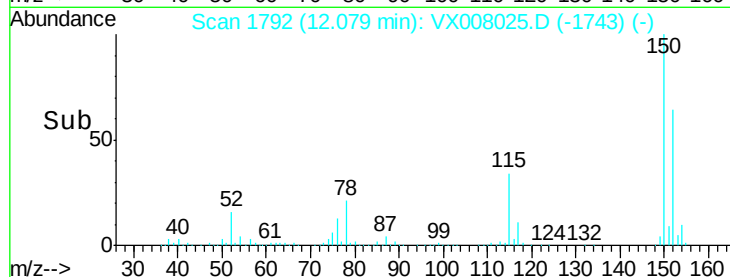
150 155.8 0.0 348.4



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: 20.842 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008025.D

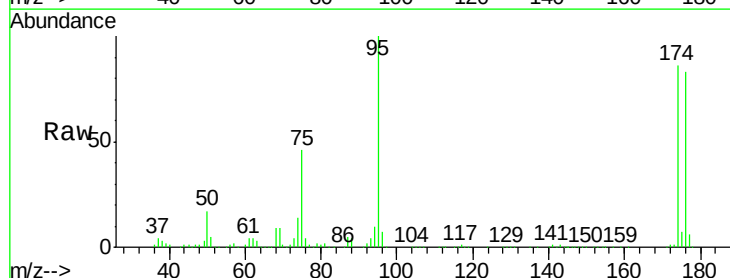
Acq: 12 Mar 2019 19:14

Tgt Ion: 75 Resp: 80086

Ion Ratio Lower Upper

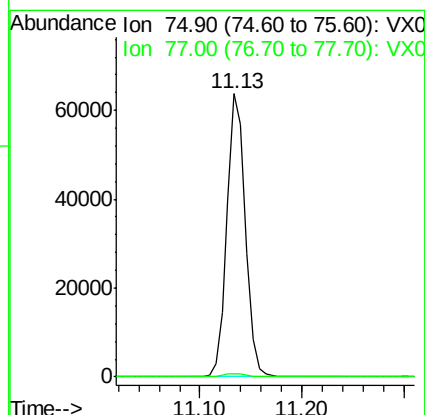
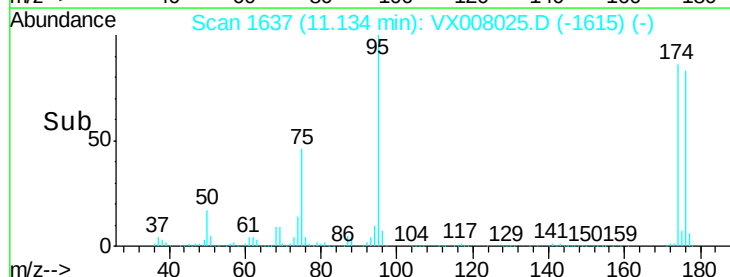
75 100

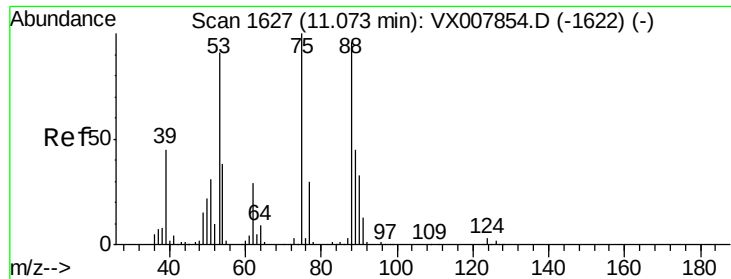
77 1.3 18.9 56.7#



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: 66.623 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008025.D

Acq: 12 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306

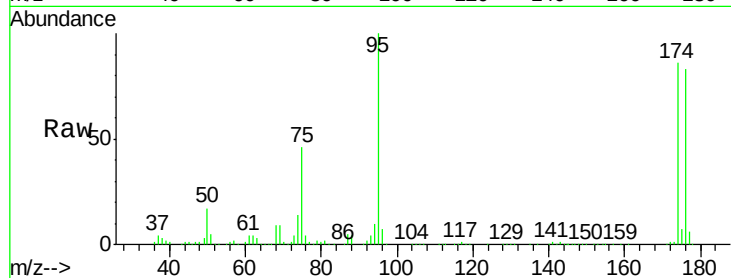
Tot Ion: 75 Resp: 80086

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.3 54.5#



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

