

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100818\
 Data File : VX005125.D
 Acq On : 08 Oct 2018 14:15
 Operator : JC/MD
 Sample : J5189-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D2-20180927

Quant Time: Oct 09 05:53:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173863	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147692	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	5.50	113	127033	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.72	98	453889	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.14	95	162103	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	880	0.331 ug/l	79
5) Bromomethane	1.63	94	456	0.255 ug/l #	33
6) Chloroethane	1.70	64	112	Below Cal #	45
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33326	15.642 ug/l	98
11) Tert butyl alcohol	3.02	59	9108	11.710 ug/l #	79
12) 1,1-Dichloroethene	2.37	96	13145	6.230 ug/l	99
13) Acrolein	2.29	56	169	0.305 ug/l #	57
14) Allyl chloride	2.62	41	6857	1.489 ug/l #	59
16) Acetone	2.45	43	4185	2.577 ug/l	99
18) Methyl Acetate	2.62	43	18265	4.439 ug/l #	53
20) Methylene Chloride	2.86	84	845	Below Cal #	80
21) trans-1,2-Dichloroethene	3.16	96	619	0.268 ug/l #	82
24) 1,1-Dichloroethane	3.70	63	9383	2.029 ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	10790	4.182 ug/l	93
29) Tetrahydrofuran	5.16	42	902	0.606 ug/l #	65
30) Chloroform	5.22	83	7446	1.704 ug/l	94
31) Cyclohexane	5.65	56	3638	1.028 ug/l #	5
32) 1,1,1-Trichloroethane	5.49	97	2153	0.603 ug/l #	49
36) 1,1-Dichloropropene	5.67	75	13564	3.772 ug/l #	45
38) Carbon Tetrachloride	5.78	117	8537	2.259 ug/l	96
39) Methylcyclohexane	7.22	83	52662	14.342 ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1239	0.311 ug/l	82
44) Trichloroethene	7.22	130	4641945	1677.320 ug/l	98
49) 1,4-Dioxane	7.76	88	1708	21.986 ug/l #	86
55) 1,1,2-Trichloroethane	9.22	97	3543	1.308 ug/l	89
60) Dibromochloromethane	9.34	129	1673	0.617 ug/l #	10
64) Tetrachloroethene	9.34	164	1829	0.600 ug/l	92
70) Styrene	10.71	104	69	2.148 ug/l #	48
74) N-amyl acetate	10.90	43	21	1.751 ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	80250	20.593 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	80	Below Cal	74
81) trans-1,4-Dichloro-2-buten	11.14	75	80250	55.921 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	290	Below Cal	94
95) Naphthalene	13.83	128	316	0.741 ug/l #	69

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

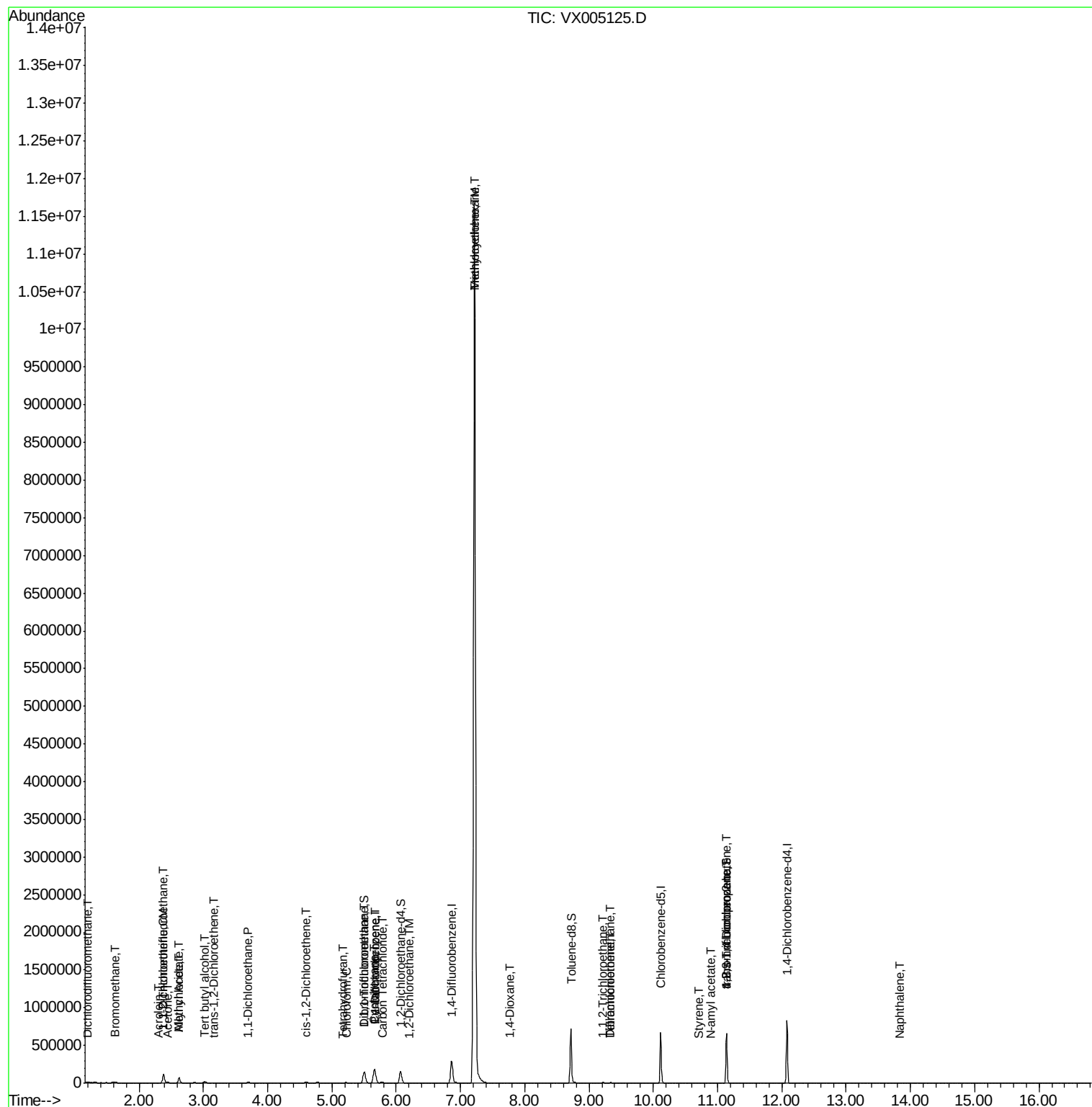
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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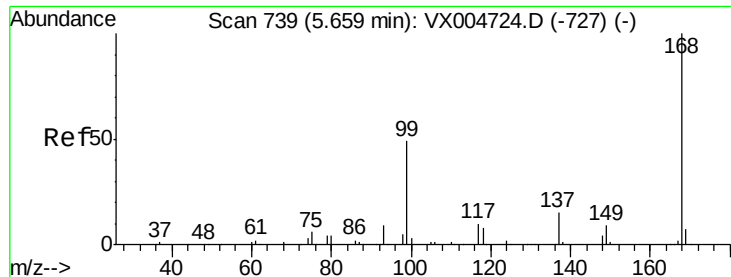
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

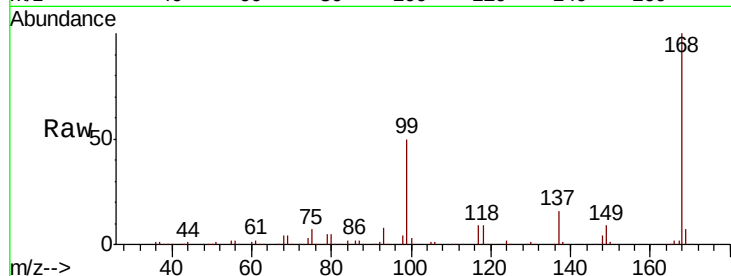
RE-105D2-20180927

Tot Ion:168 Resp: 194730

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

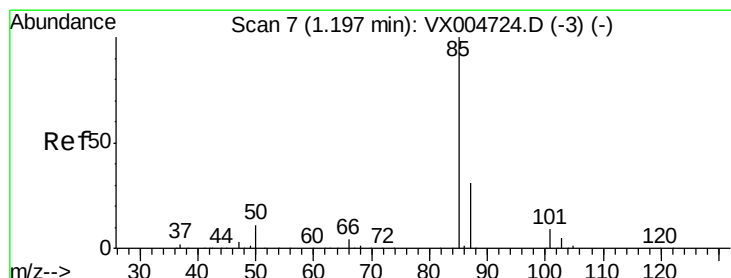
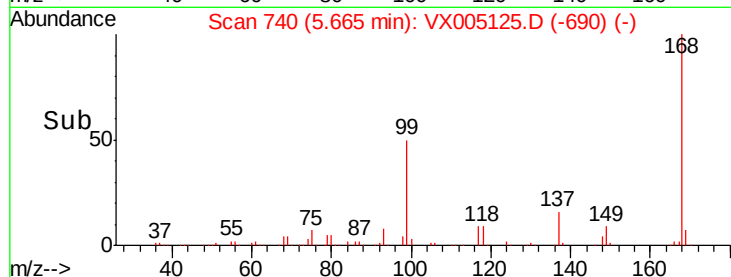
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.331 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005125.D

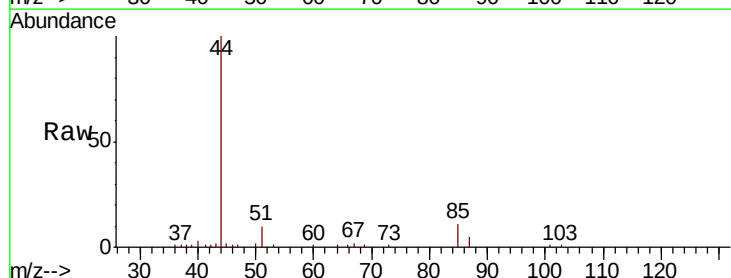
Acq: 08 Oct 2018 14:15

Tgt Ion: 85 Resp: 880

Ion Ratio Lower Upper

85 100

87 42.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

800

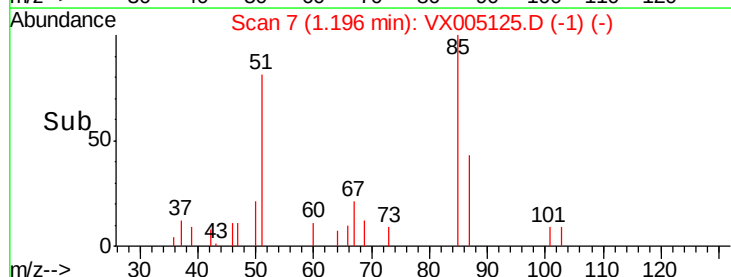
600

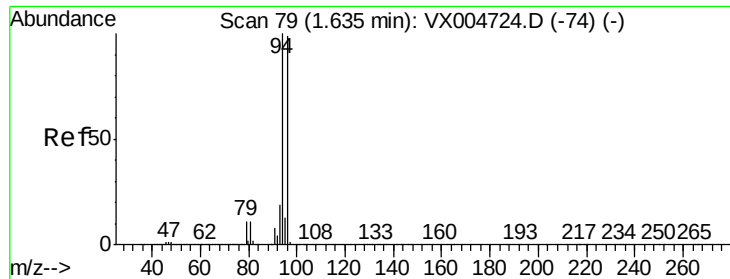
400

200

0

Time--> 1.20 1.25





#5

Bromomethane

Concen: 0.255 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

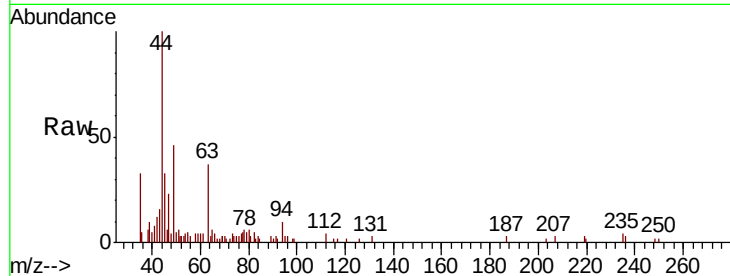
RE-105D2-20180927

Tot Ion: 94 Resp: 456

Ion Ratio Lower Upper

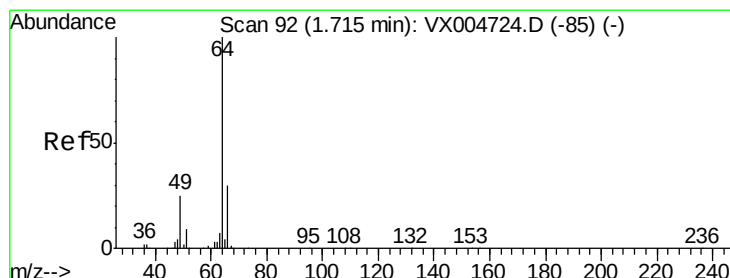
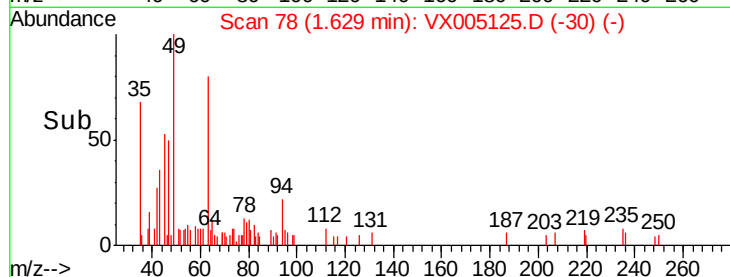
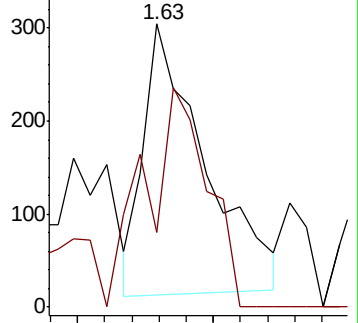
94 100

96 32.7 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005125.D

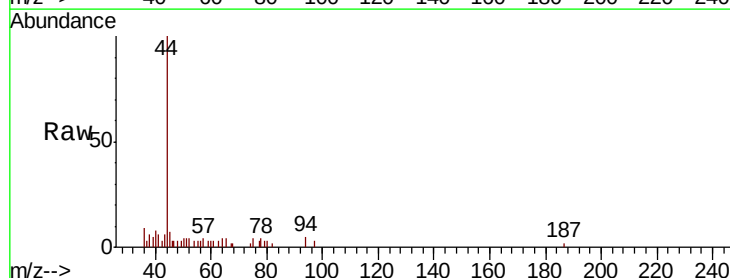
Acq: 08 Oct 2018 14:15

Tgt Ion: 64 Resp: 112

Ion Ratio Lower Upper

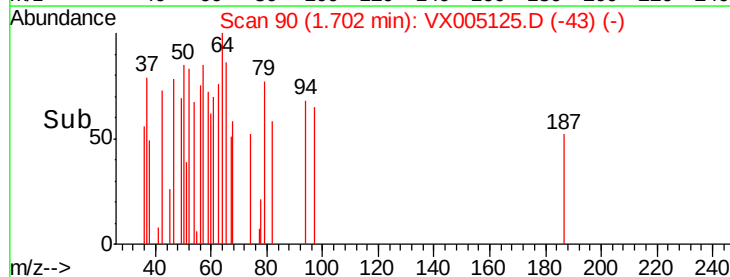
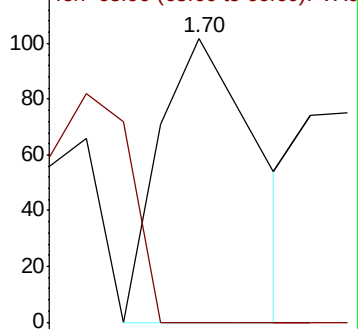
64 100

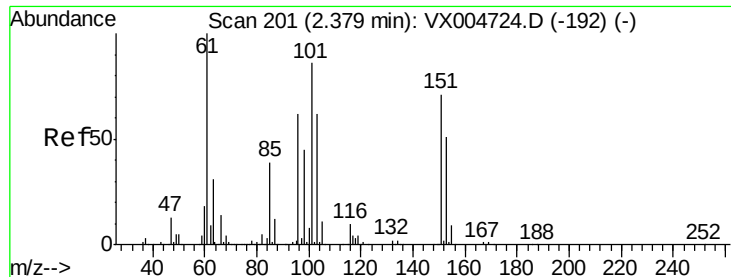
66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.642 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20180927

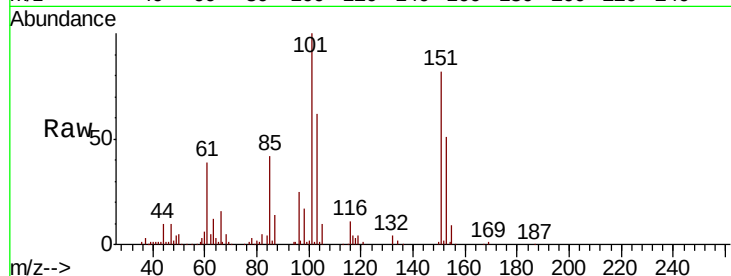
Tot Ion:101 Resp: 33326

Ion Ratio Lower Upper

101 100

85 44.3 35.9 53.9

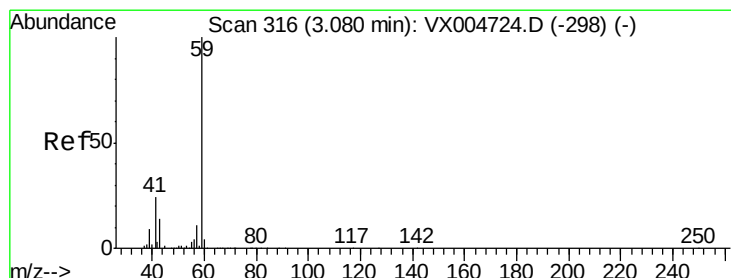
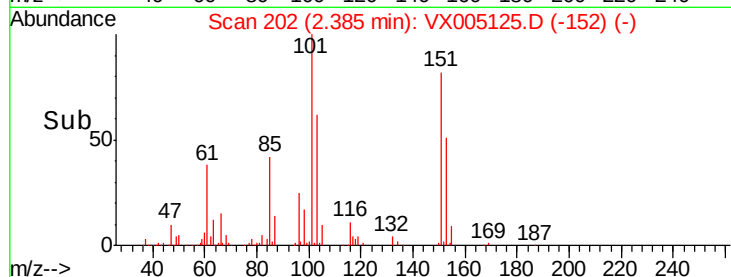
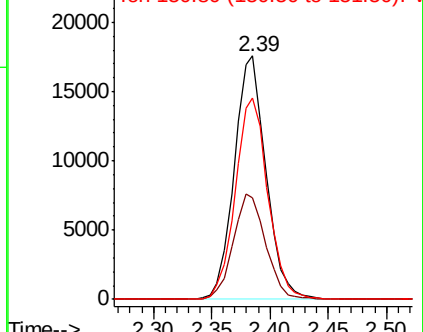
151 85.1 66.6 100.0



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: 11.710 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005125.D

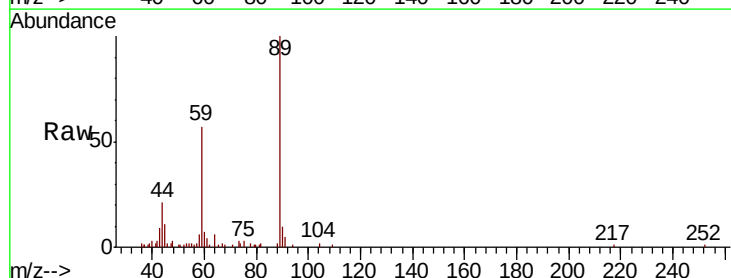
Acq: 08 Oct 2018 14:15

Tgt Ion: 59 Resp: 9108

Ion Ratio Lower Upper

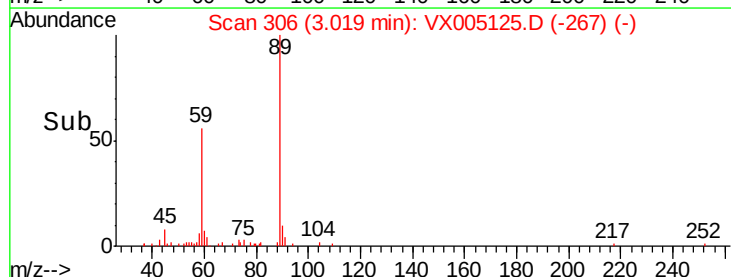
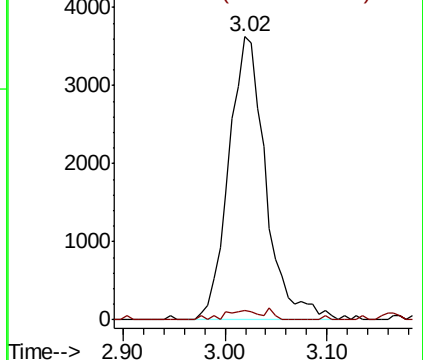
59 100

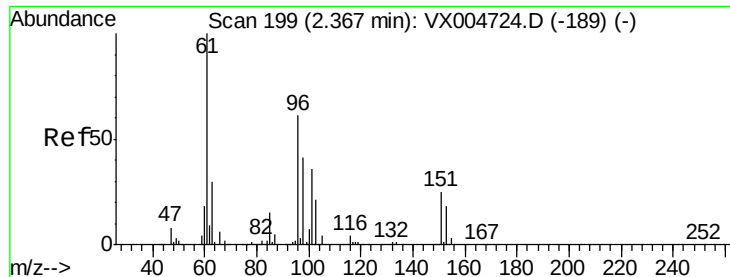
57 2.9 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

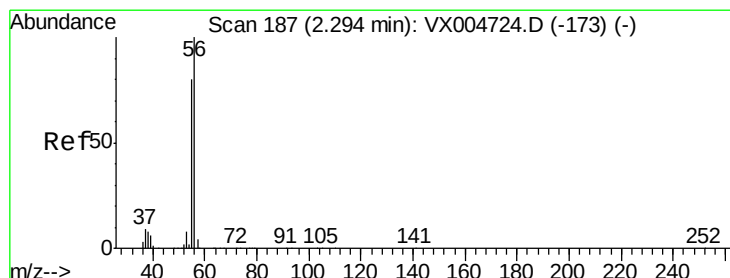
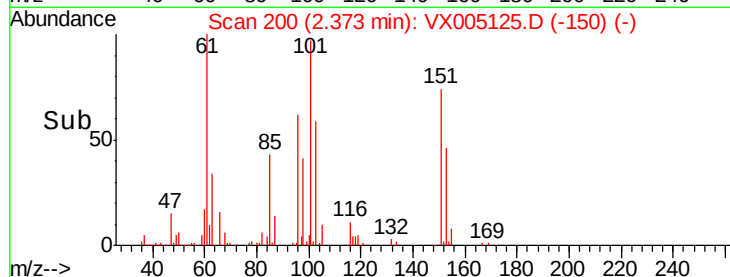
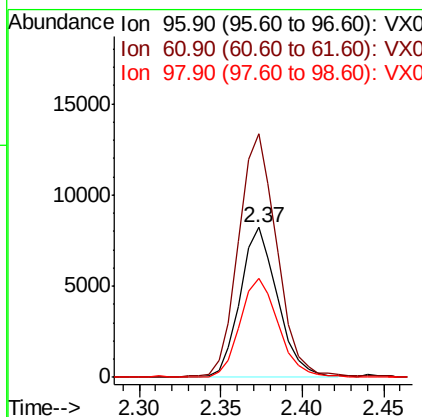
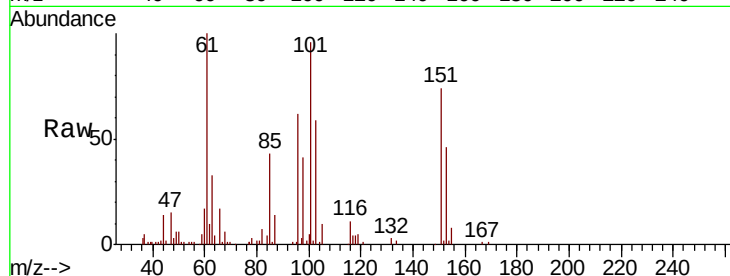




#12
 1,1-Dichloroethene
 Concen: 6.230 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

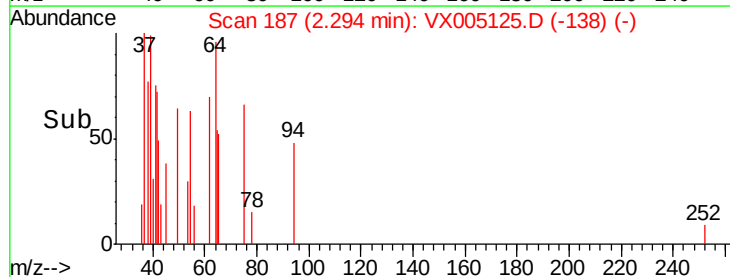
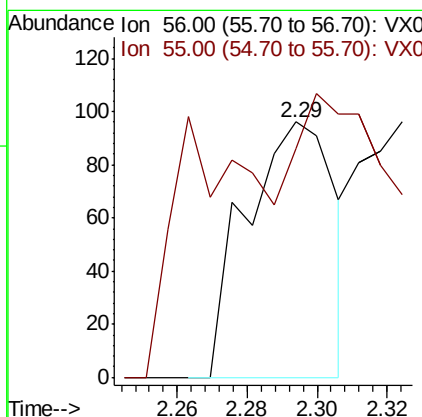
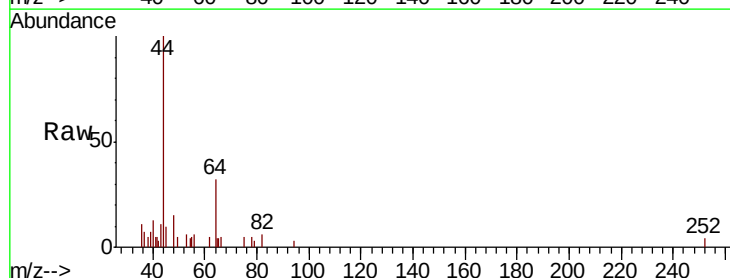
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D2-20180927

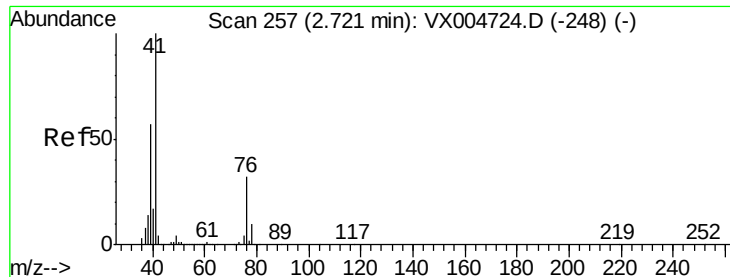
Tot Ion: 96 Resp: 13145
 Ion Ratio Lower Upper
 96 100
 61 161.8 130.2 195.4
 98 66.2 53.4 80.0



#13
 Acrolein
 Concen: 0.305 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

Tgt Ion: 56 Resp: 169
 Ion Ratio Lower Upper
 56 100
 55 117.2 63.4 95.2#





#14

Allvl chloride

Concen: 1.489 ug/l

RT: 2.62 min Scan# 241

Delta R.T. -0.10 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20180927

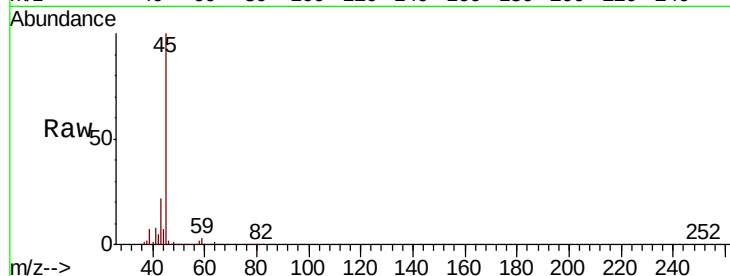
Tot Ion: 41 Resp: 6857

Ion Ratio Lower Upper

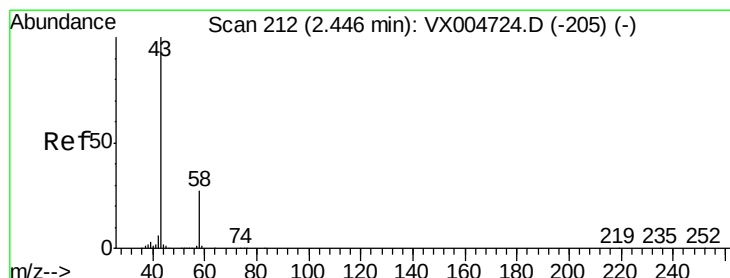
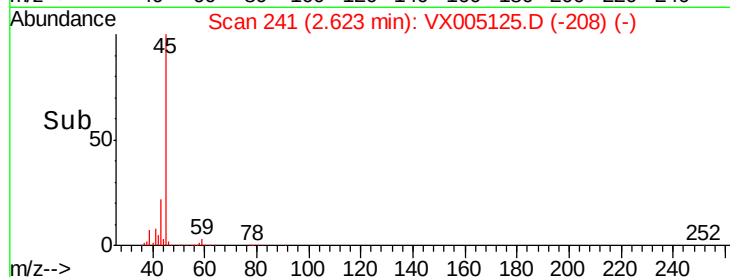
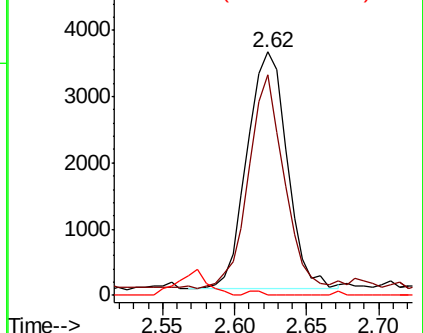
41 100

39 79.2 44.1 66.1#

76 0.7 25.0 37.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 2.577 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005125.D

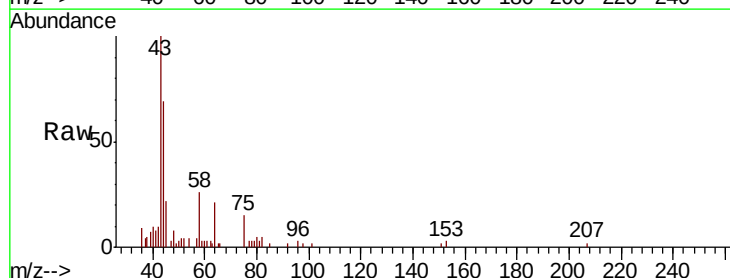
Acq: 08 Oct 2018 14:15

Tgt Ion: 43 Resp: 4185

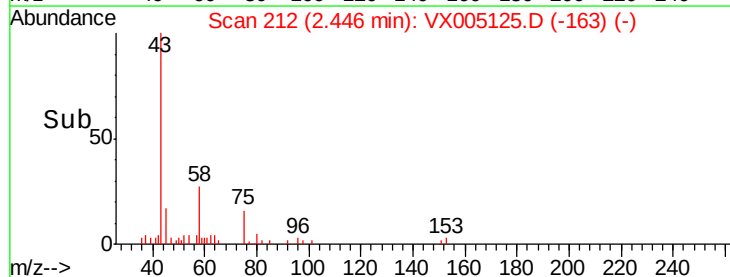
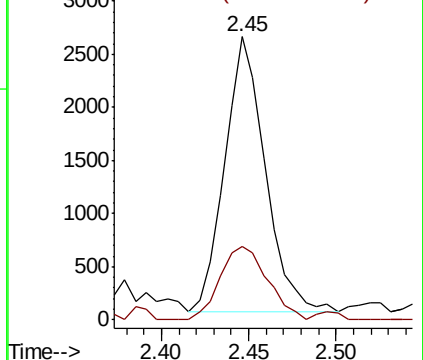
Ion Ratio Lower Upper

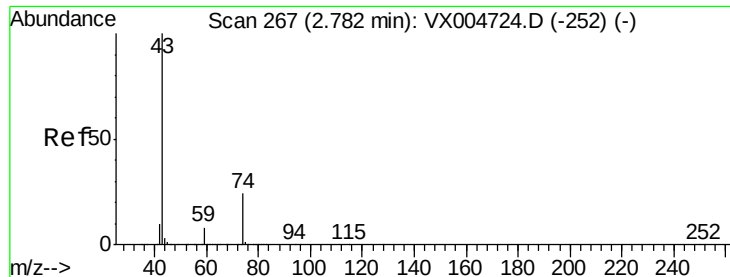
43 100

58 26.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 4.439 ug/l

RT: 2.62 min Scan# 241

Delta R.T. -0.16 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

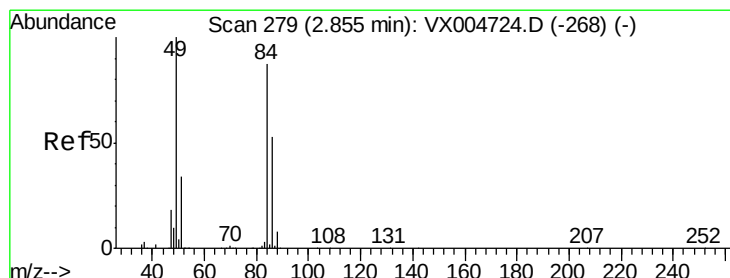
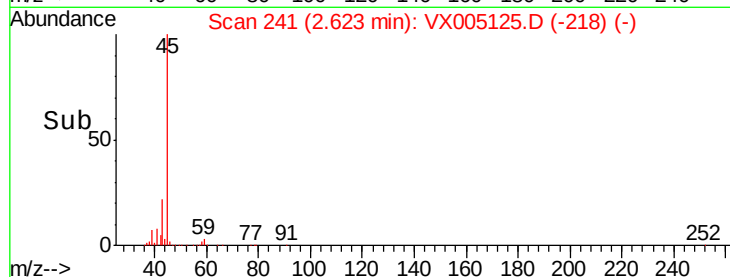
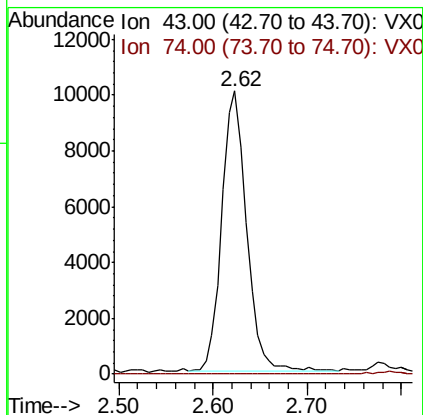
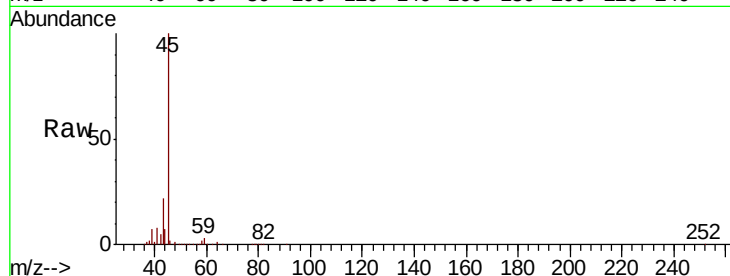
RE-105D2-20180927

Tot Ion: 43 Resp: 18265

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Tgt Ion: 84 Resp: 845

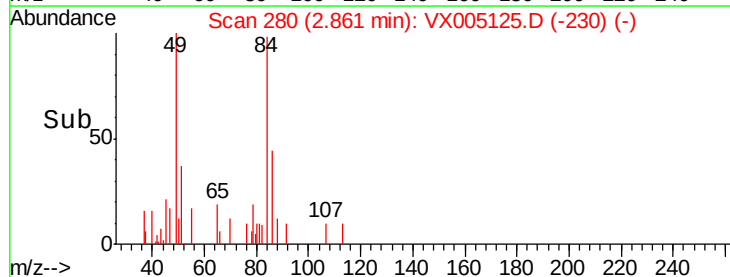
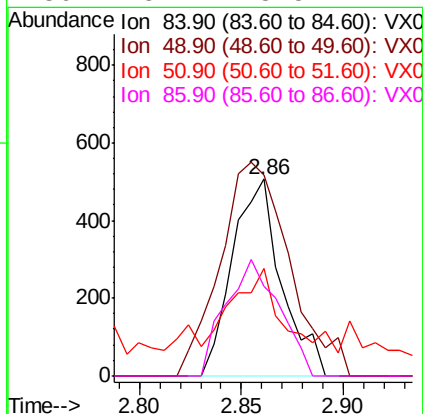
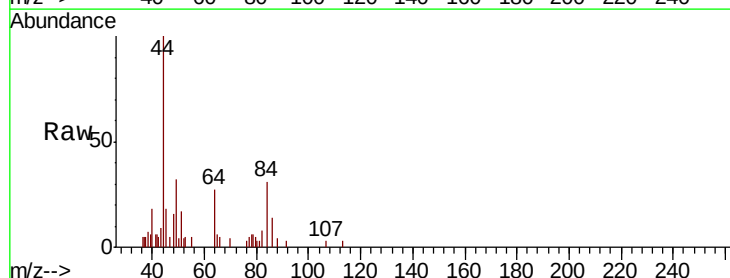
Ion Ratio Lower Upper

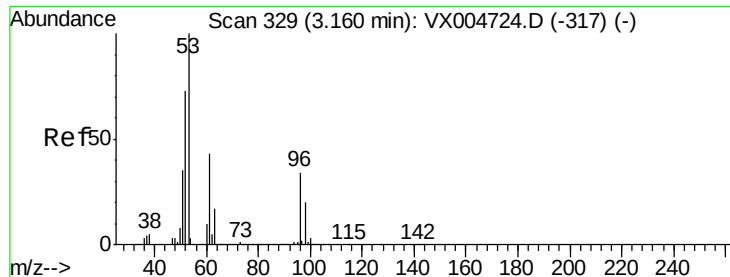
84 100

49 89.2 92.3 138.5#

51 43.0 31.8 47.6

86 45.2 48.5 72.7#





#21

trans-1,2-Dichloroethene

Concen: 0.268 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005125.D

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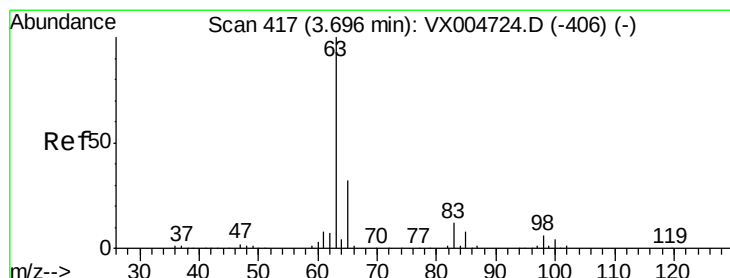
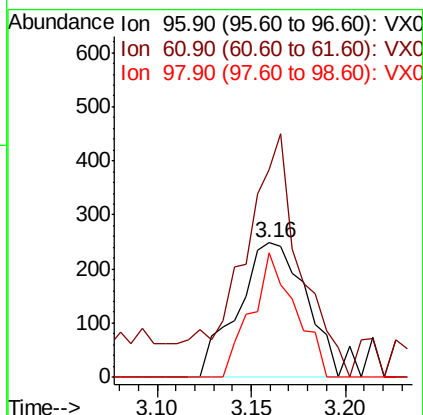
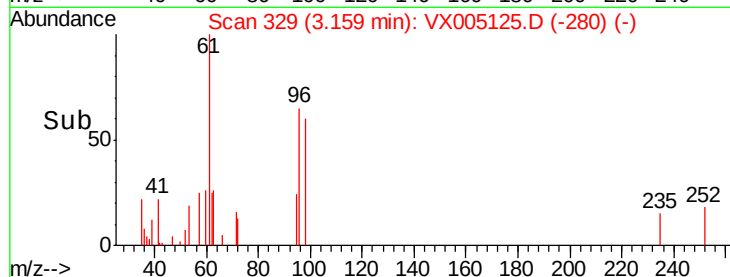
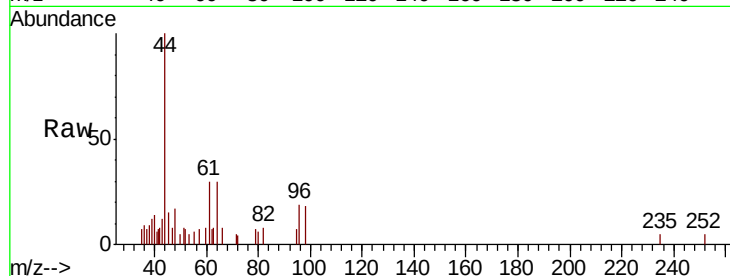
Tot Ion: 96 Resp: 619

Ion Ratio Lower Upper

96 100

61 132.7 101.0 151.6

98 92.7 47.2 70.8#



#24

1,1-Dichloroethane

Concen: 2.029 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

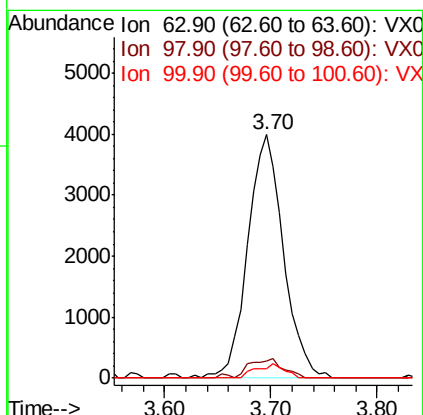
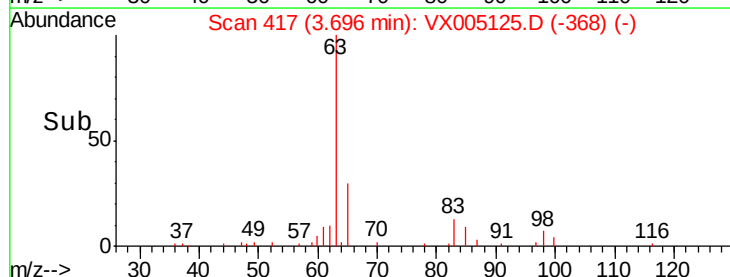
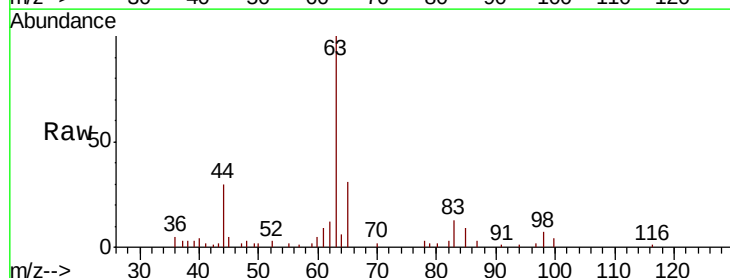
Tgt Ion: 63 Resp: 9383

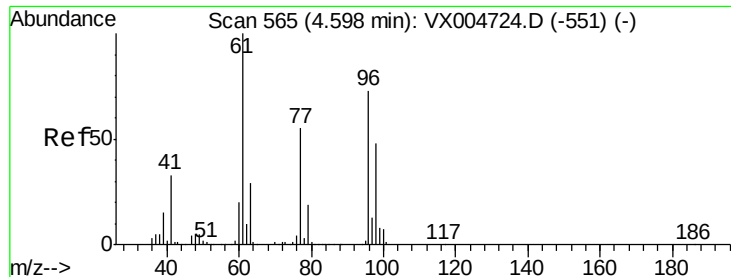
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

100 4.1 2.0 5.8



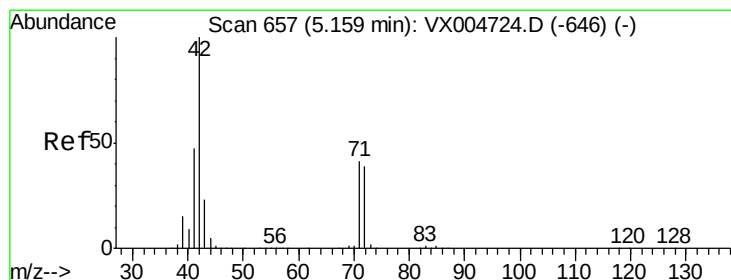
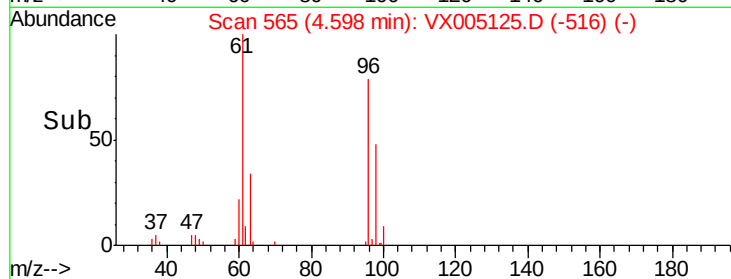
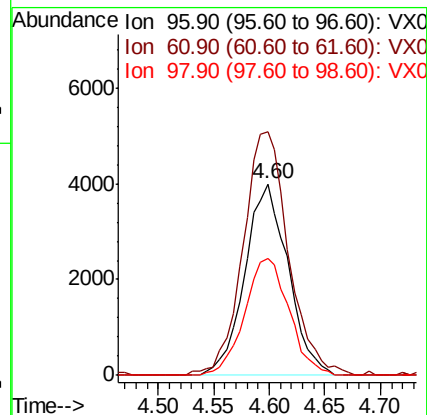
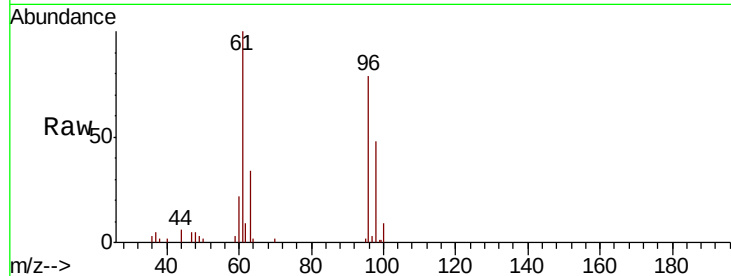


#27

cis-1,2-Dichloroethene
 Concen: 4.182 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D2-20180927

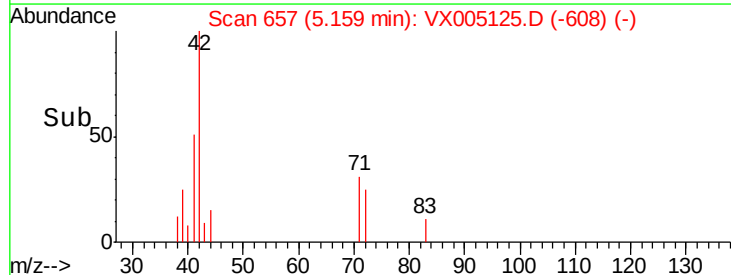
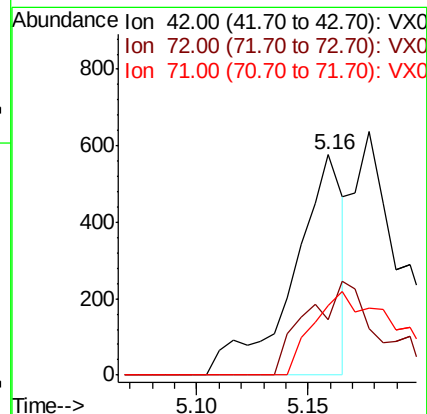
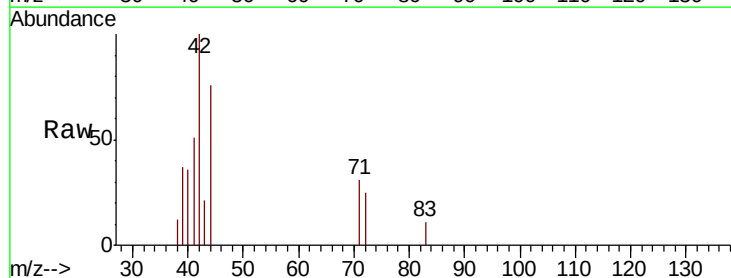
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	285.8
98	62.7	0.0	136.2

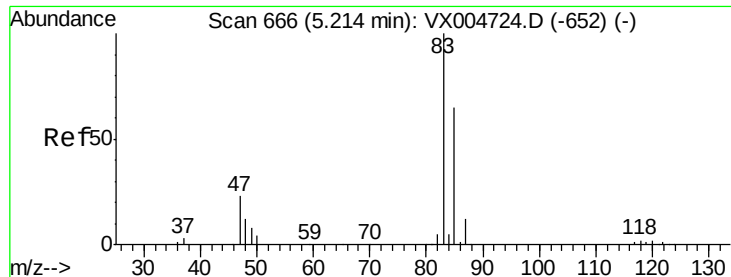


#29

Tetrahydrofuran
 Concen: 0.606 ug/l
 RT: 5.16 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

Tgt Ion	Ratio	Lower	Upper
42	100		
72	59.1	33.7	50.5#
71	67.3	32.2	48.4#

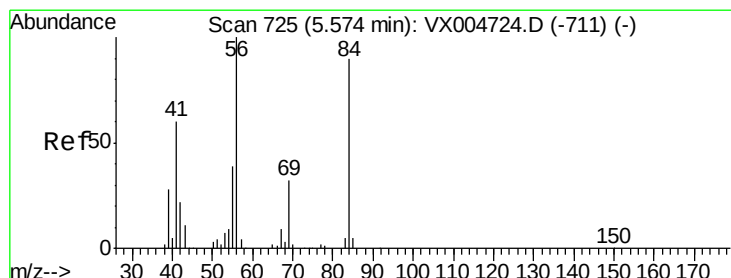
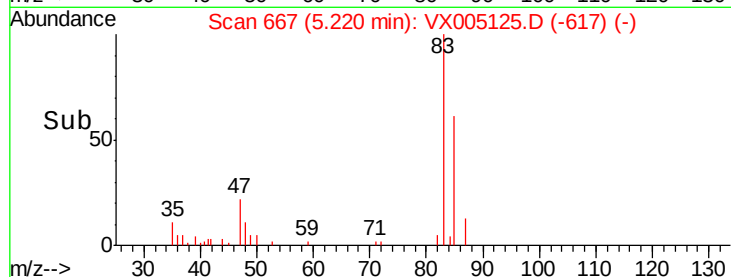
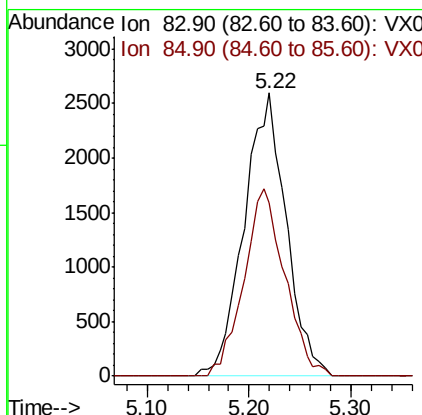
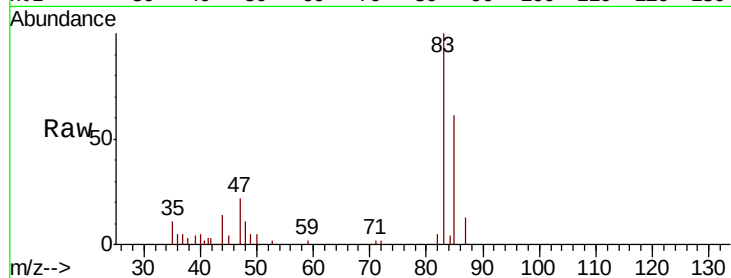




#30
Chloroform
Concen: 1.704 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005125.D
Acq: 08 Oct 2018 14:15

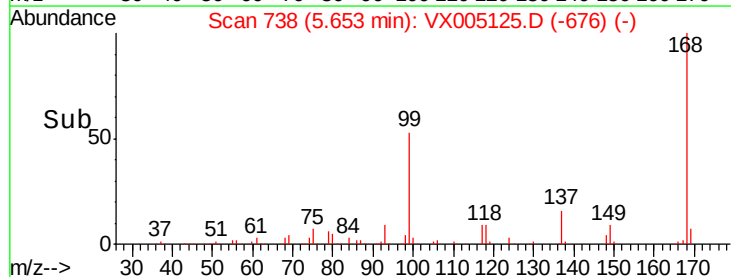
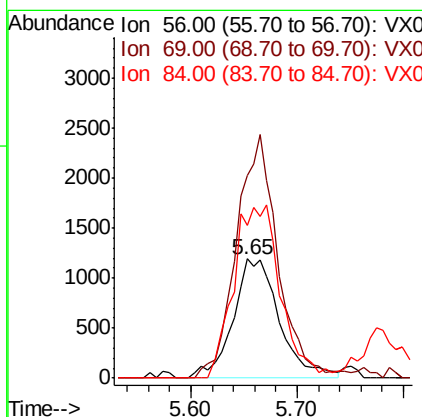
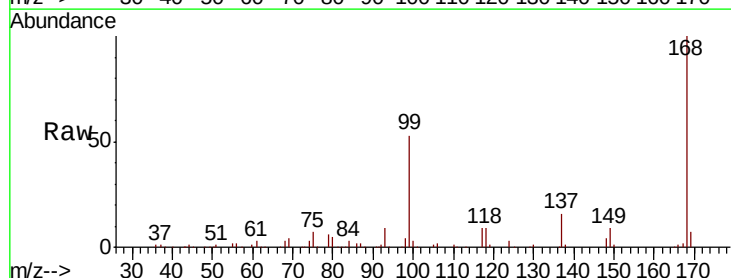
Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20180927

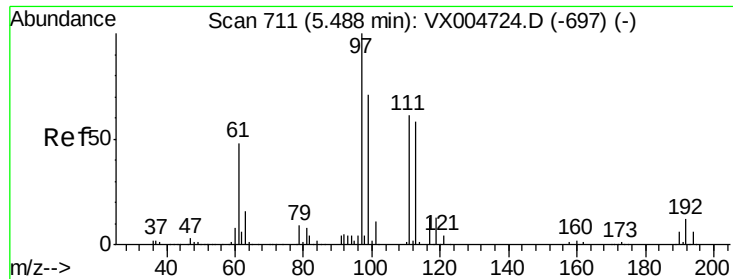
Tot Ion: 83 Resp: 7446
Ion Ratio Lower Upper
83 100
85 61.0 52.4 78.6



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX005125.D
Acq: 08 Oct 2018 14:15

Tgt Ion: 56 Resp: 3638
Ion Ratio Lower Upper
56 100
69 169.5 25.9 38.9#
84 128.5 71.9 107.9#





#32

1,1,1-Trichloroethane

Concen: 0.603 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20180927

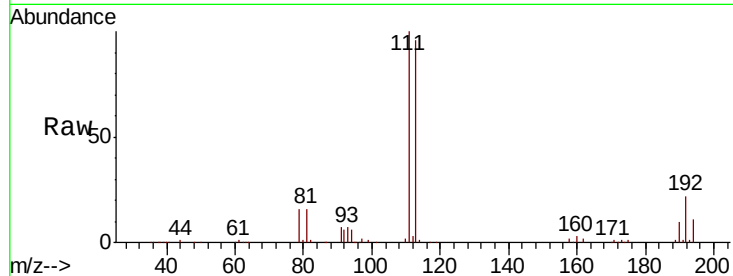
Tot Ion: 97 Resp: 2153

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

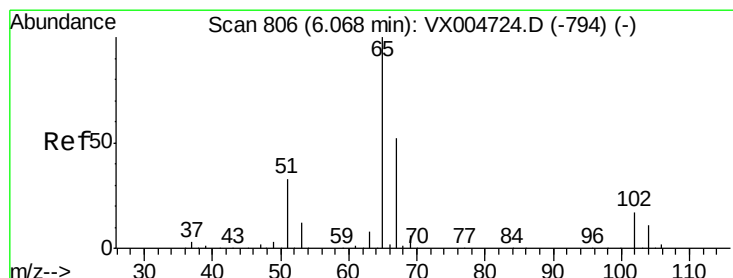
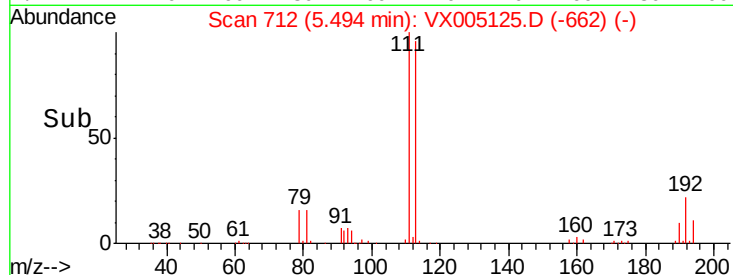
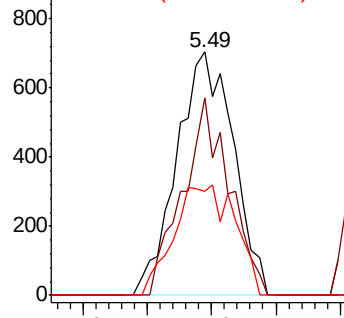
61 49.0 37.5 56.3



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: 53.094 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005125.D

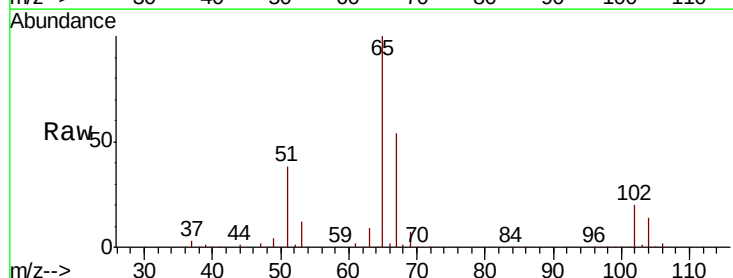
Acq: 08 Oct 2018 14:15

Tgt Ion: 65 Resp: 147692

Ion Ratio Lower Upper

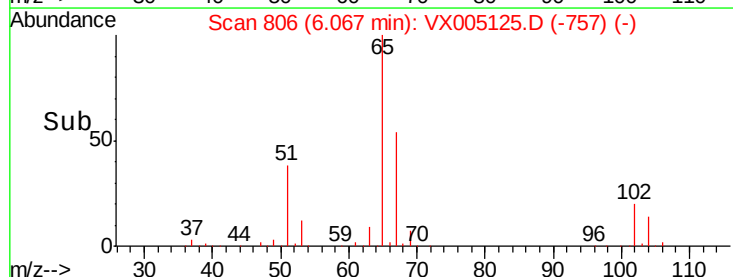
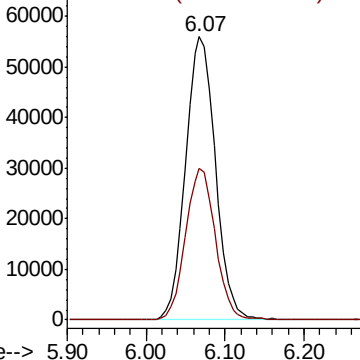
65 100

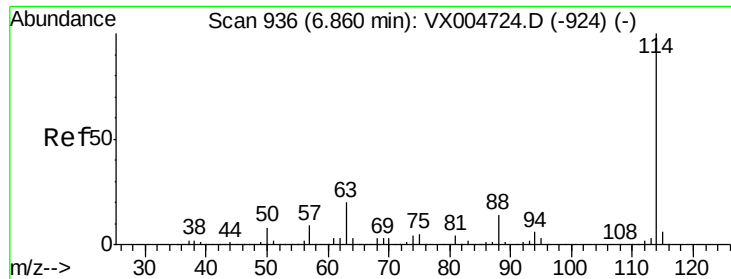
67 53.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

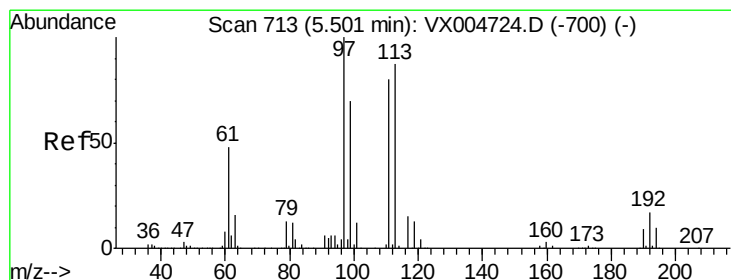
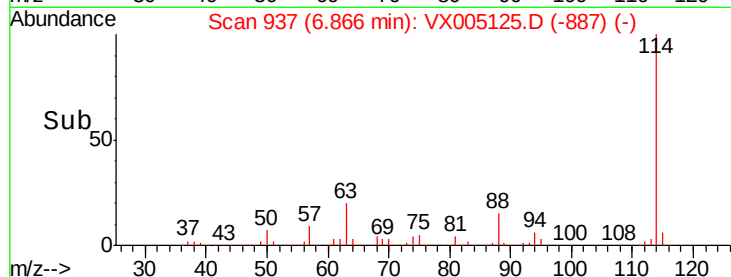
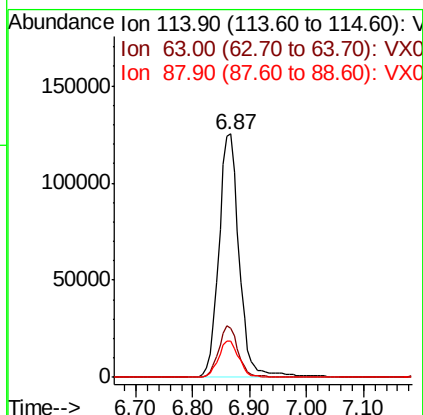
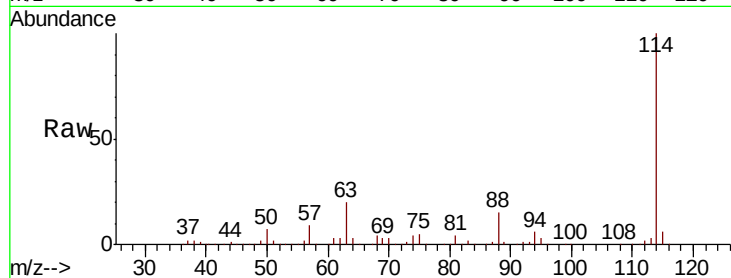




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

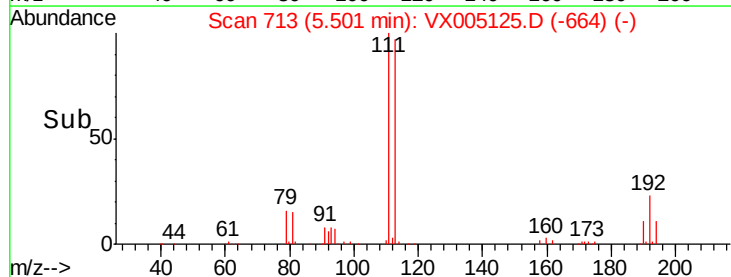
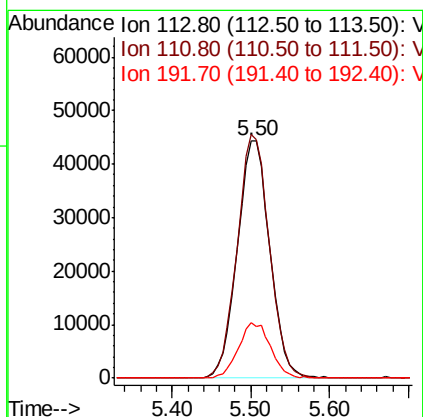
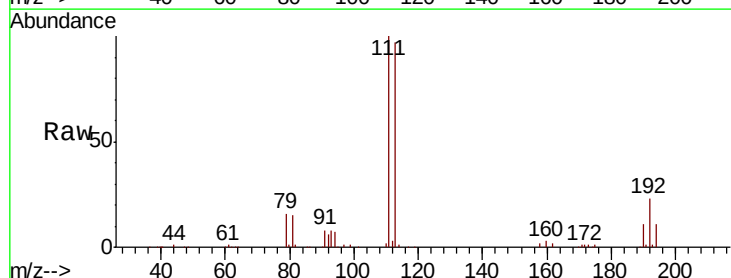
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D2-20180927

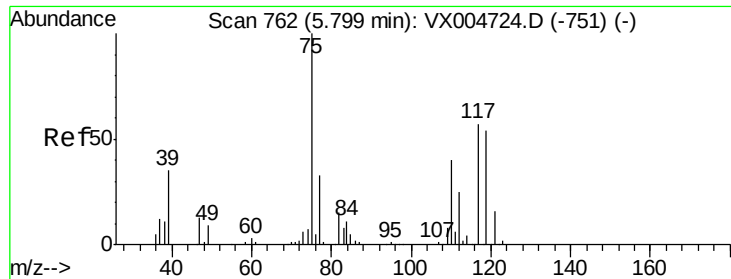
Tot Ion:114 Resp: 310977
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.0 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 48.199 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

Tgt Ion:113 Resp: 127033
 Ion Ratio Lower Upper
 113 100
 111 101.8 77.0 115.4
 192 23.2 17.0 25.6

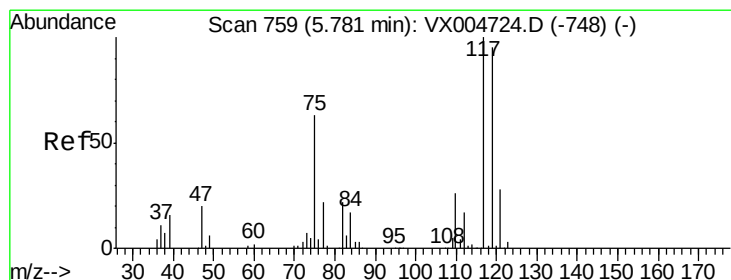
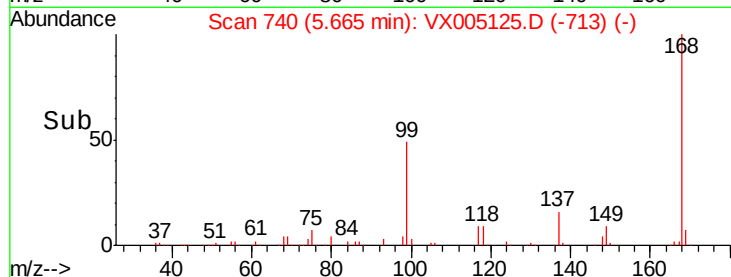
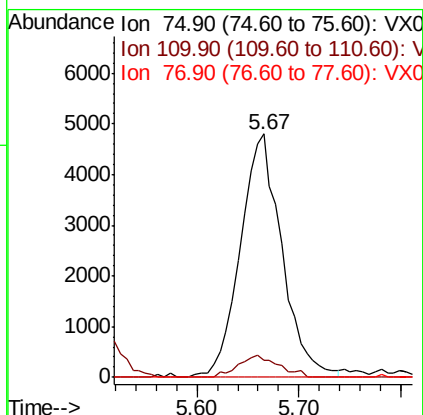
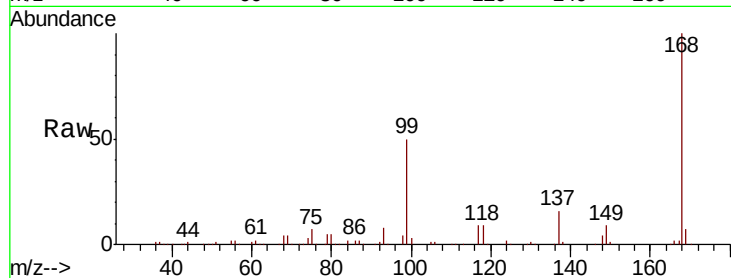




#36
 1,1-Dichloropropene
 Concen: 3.772 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

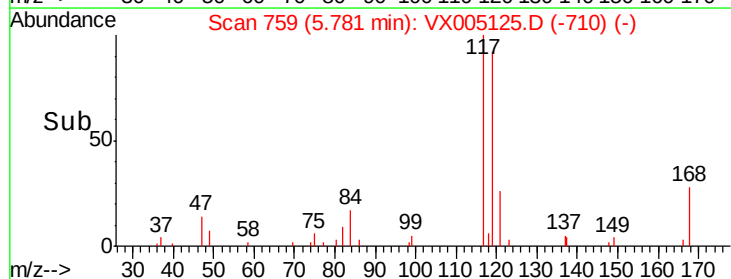
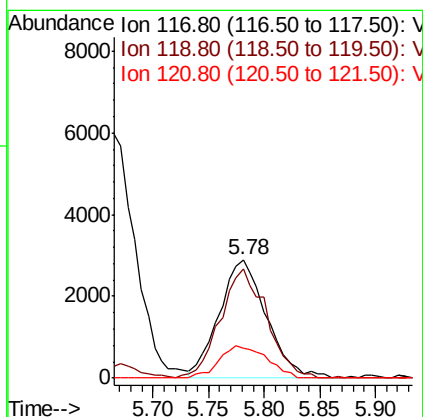
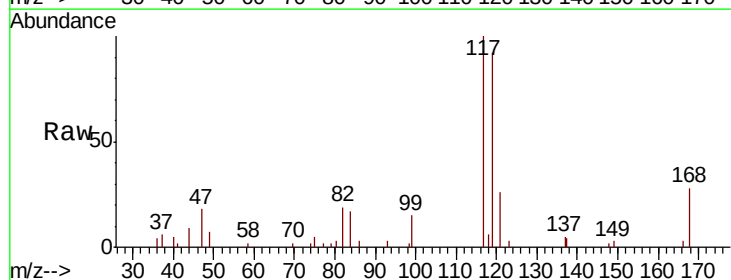
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D2-20180927

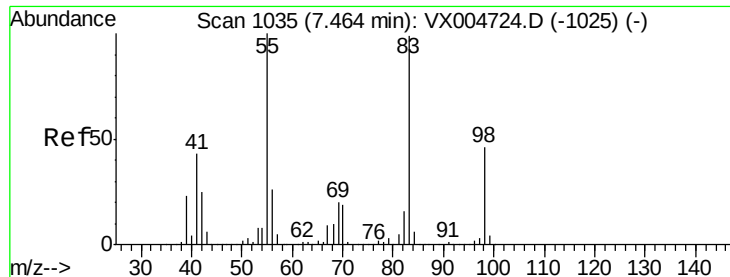
Tot Ion	75	Resp	13564
Ion Ratio	Lower	Upper	
75	100		
110	8.7	20.0	59.9#
77	0.0	27.1	40.7#



#38
 Carbon Tetrachloride
 Concen: 2.259 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VX005125.D
 Acq: 08 Oct 2018 14:15

Tgt Ion	117	Resp	8537
Ion Ratio	Lower	Upper	
117	100		
119	90.3	75.2	112.8
121	25.6	22.5	33.7

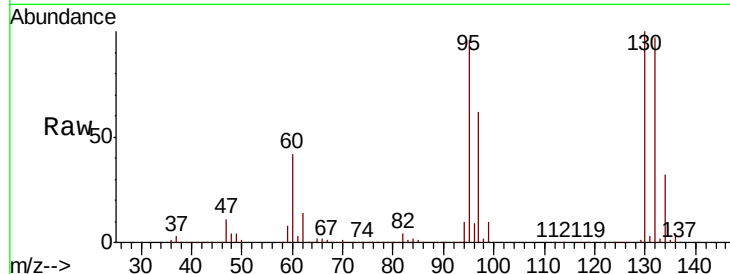




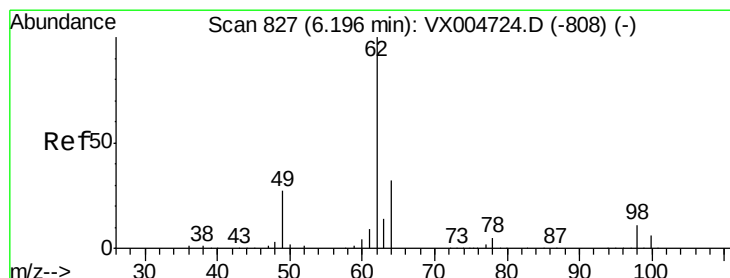
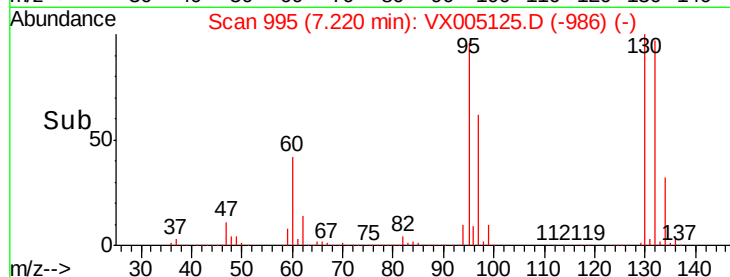
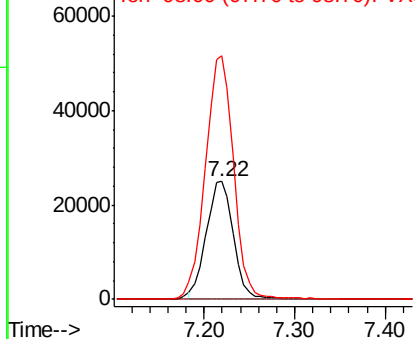
#39
Methylvlcyclohexane
Concen: 14.342 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX005125.D
Acq: 08 Oct 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20180927

Tot Ion: 83 Resp: 52662
Ion Ratio Lower Upper
83 100
55 0.0 81.1 121.7#
98 205.9 37.3 55.9#

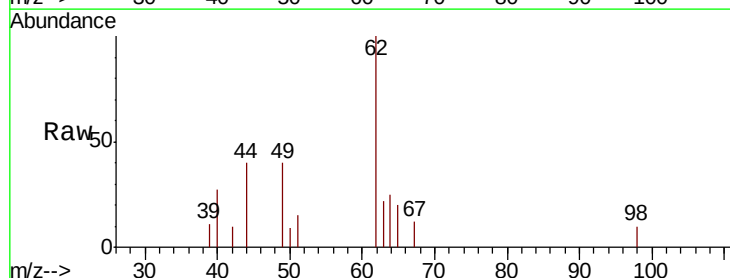


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

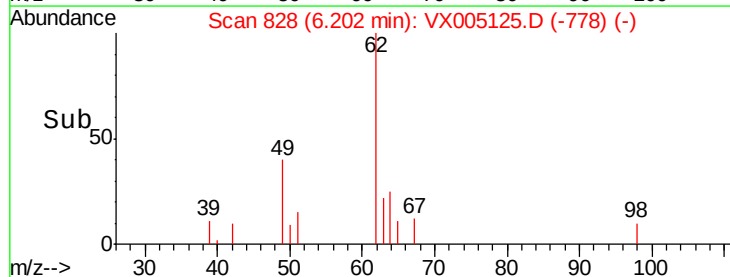
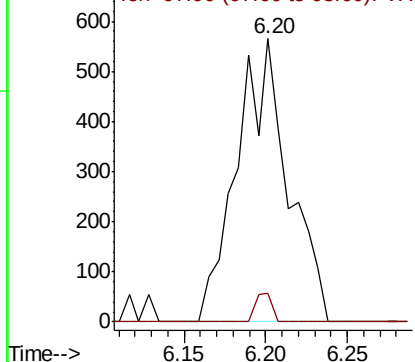


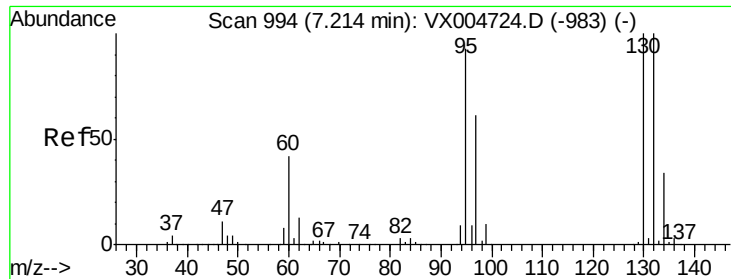
#42
1,2-Dichloroethane
Concen: 0.311 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005125.D
Acq: 08 Oct 2018 14:15

Tgt Ion: 62 Resp: 1239
Ion Ratio Lower Upper
62 100
98 3.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 1677.320 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

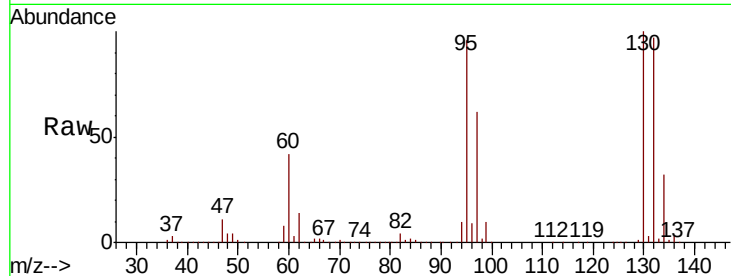
RE-105D2-20180927

Tot Ion:130 Resp: 4641945

Ion Ratio Lower Upper

130 100

95 95.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

2500000

2000000

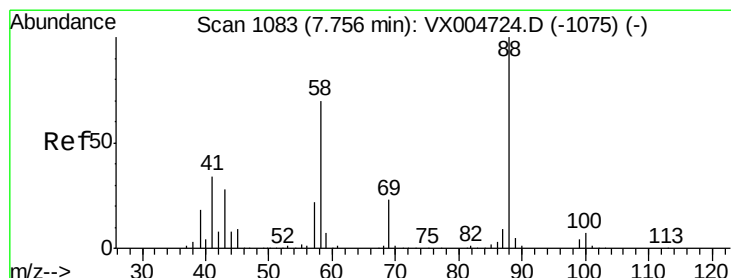
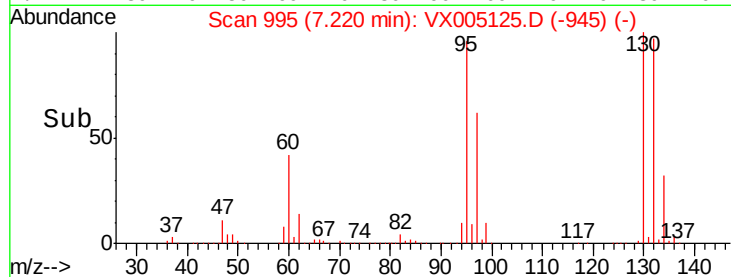
1500000

1000000

500000

0

Time--> 7.00 7.20 7.40



#49

1,4-Dioxane

Concen: 21.986 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

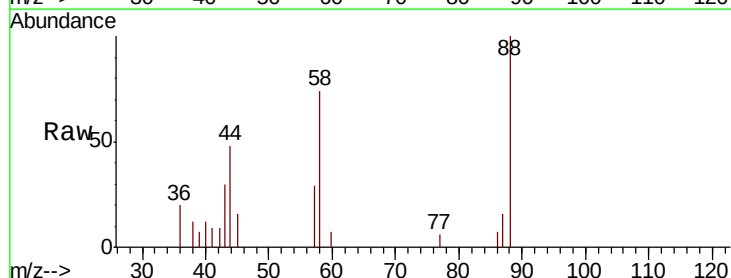
Tgt Ion: 88 Resp: 1708

Ion Ratio Lower Upper

88 100

43 46.1 25.1 37.7#

58 77.5 56.2 84.2



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

7.76

1000

800

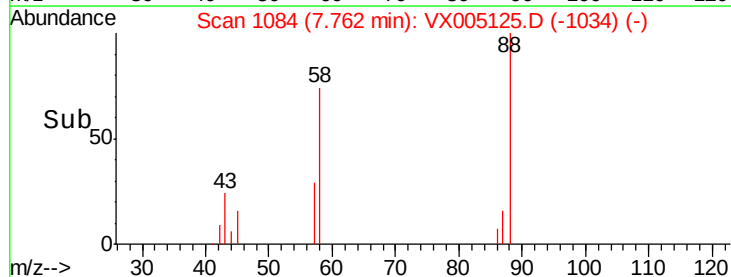
600

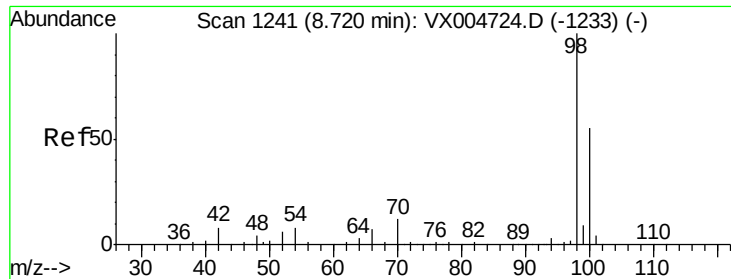
400

200

0

Time--> 7.70 7.75 7.80





#50

Toluene-d8

Concen: 51.802 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

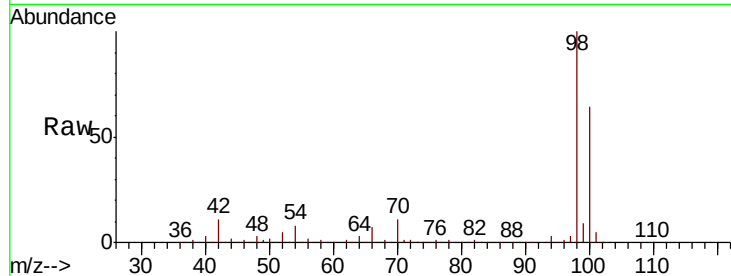
RE-105D2-20180927

Tot Ion: 98 Resp: 453889

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

250000

200000

150000

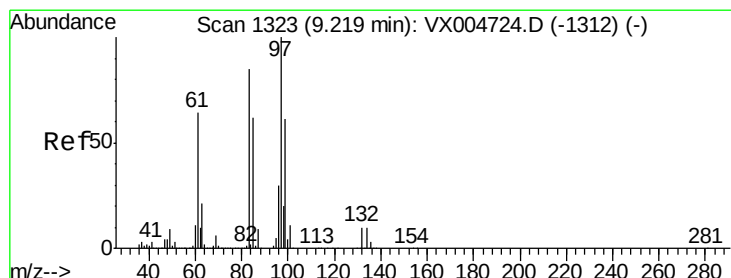
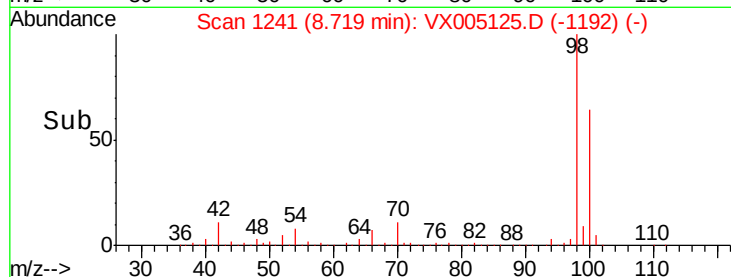
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.308 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Tgt Ion: 97 Resp: 3543

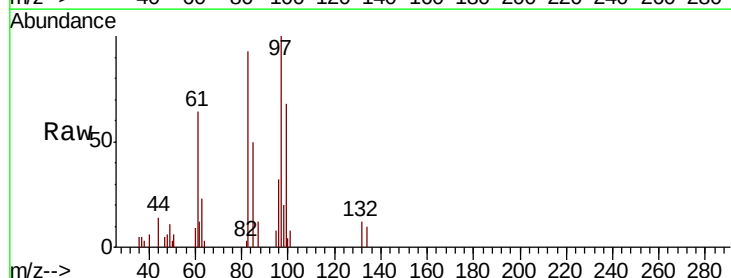
Ion Ratio Lower Upper

97 100

83 93.5 68.2 102.2

85 50.5 49.9 74.9

99 67.6 48.9 73.3



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

3000

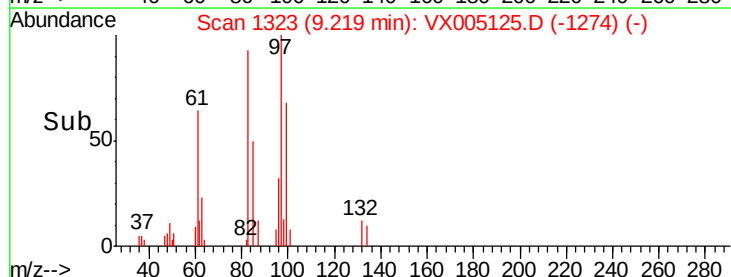
2000

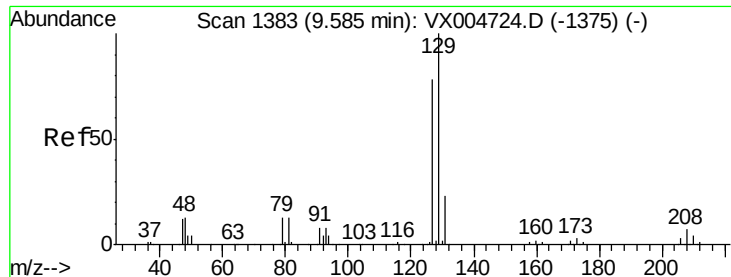
1000

0

9.15 9.20 9.25 9.30

Time-->

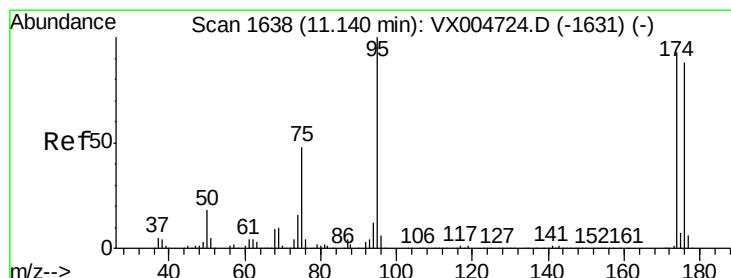
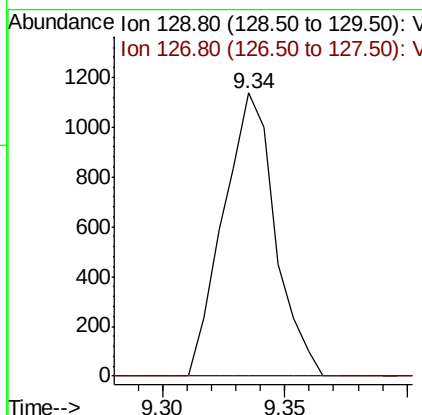
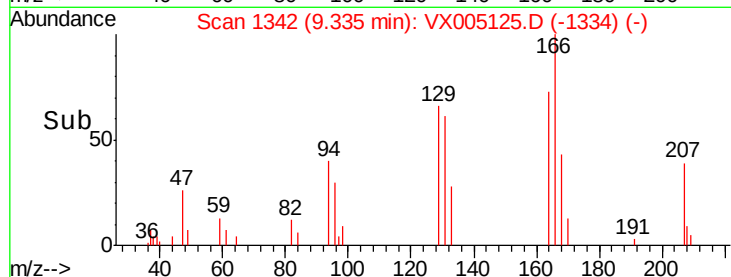
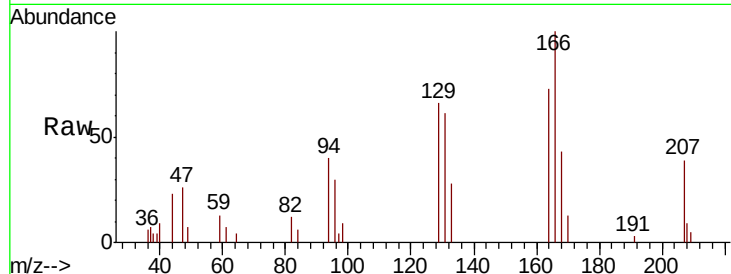




#60
Dibromochloromethane
Concen: 0.617 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005125.D
Acq: 08 Oct 2018 14:15

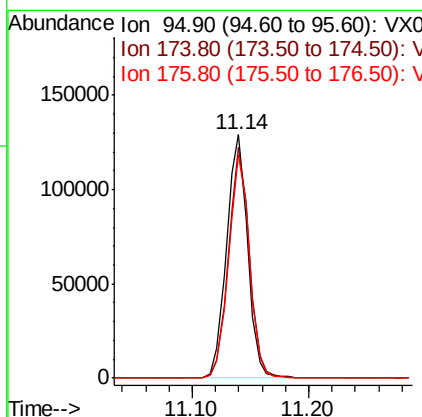
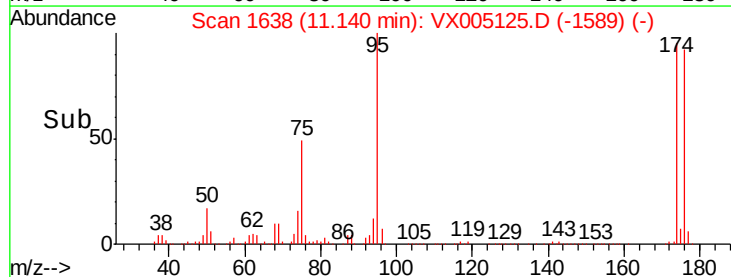
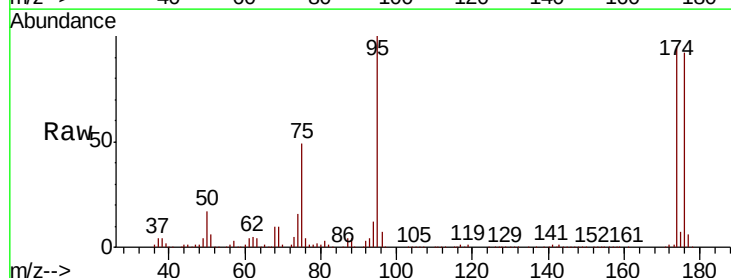
Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20180927

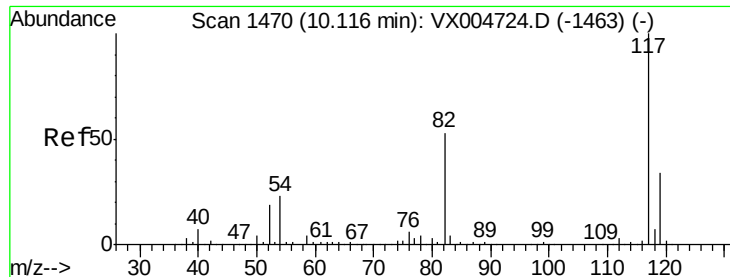
Tot Ion:129 Resp: 1673
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 51.355 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005125.D
Acq: 08 Oct 2018 14:15

Tgt Ion: 95 Resp: 162103
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.0
176 90.9 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20180927

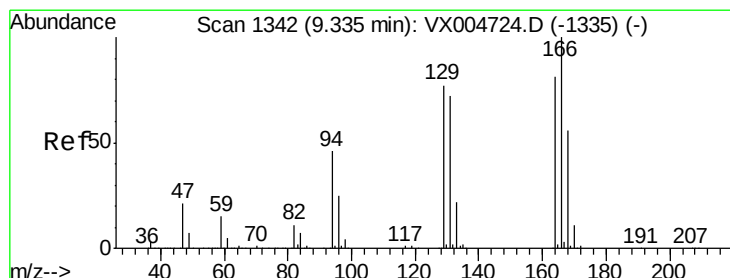
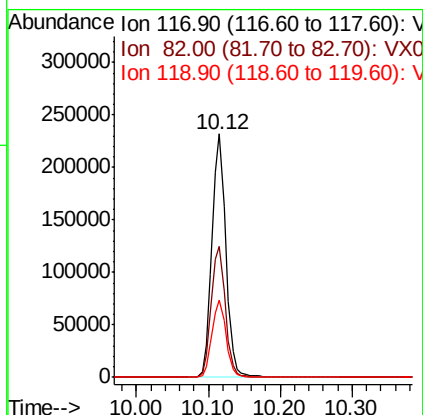
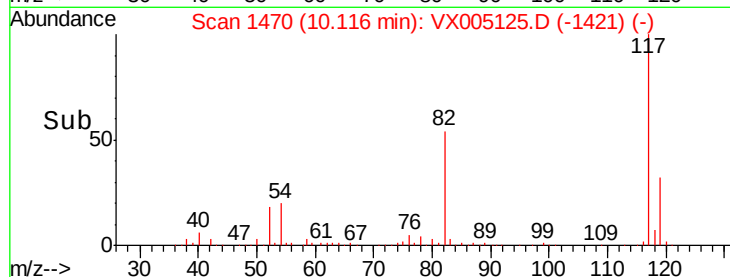
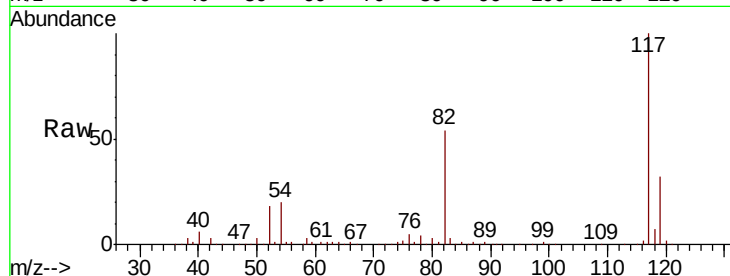
Tot Ion:117 Resp: 309903

Ion Ratio Lower Upper

117 100

82 53.6 42.2 63.4

119 31.5 27.4 41.0



#64

Tetrachloroethene

Concen: 0.600 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Tgt Ion:164 Resp: 1829

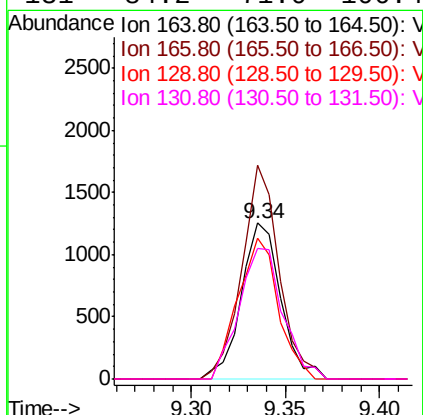
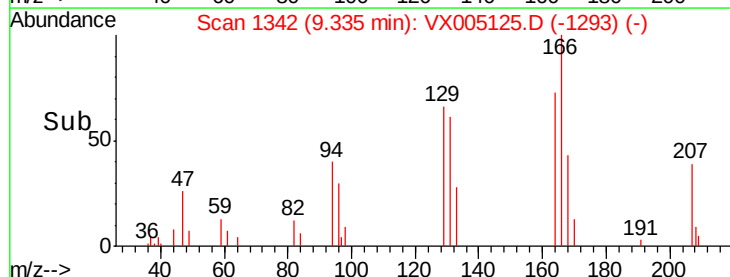
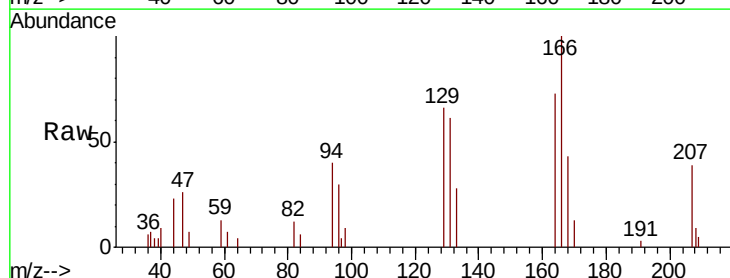
Ion Ratio Lower Upper

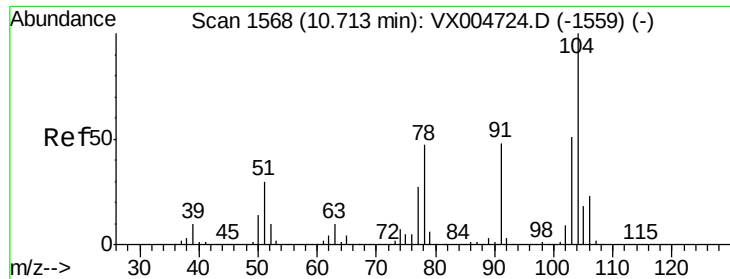
164 100

166 137.2 98.4 147.6

129 90.7 76.1 114.1

131 84.2 71.0 106.4





#70

Stvrene

Concen: 2.148 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20180927

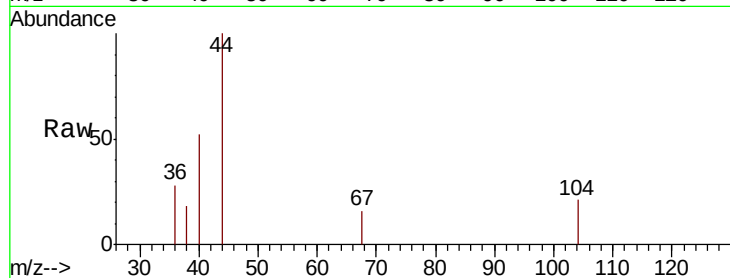
Tot Ion:104 Resp: 69

Ion Ratio Lower Upper

104 100

78 33.3 40.0 60.0#

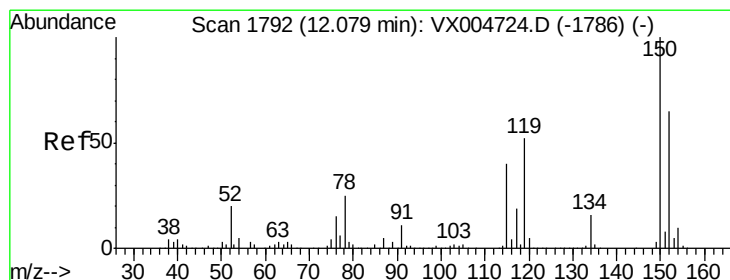
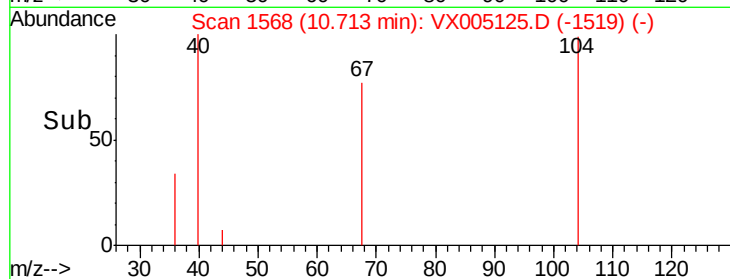
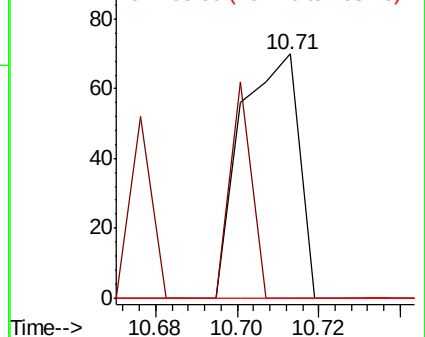
103 0.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX005125.D

Acq: 08 Oct 2018 14:15

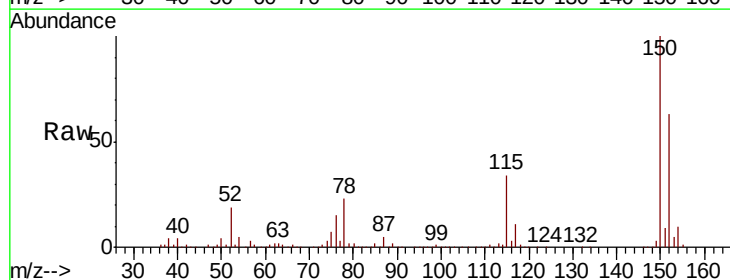
Tgt Ion:152 Resp: 173863

Ion Ratio Lower Upper

152 100

115 55.6 40.2 120.6

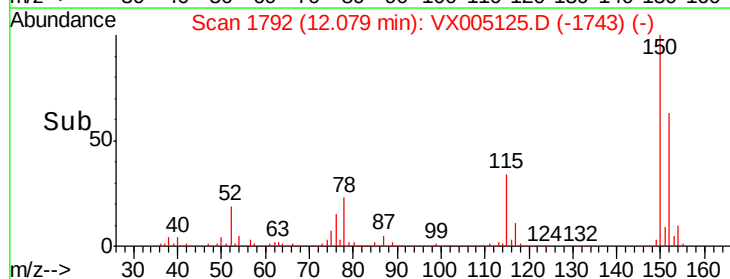
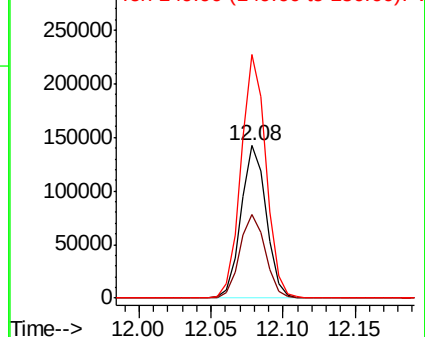
150 157.8 0.0 351.0

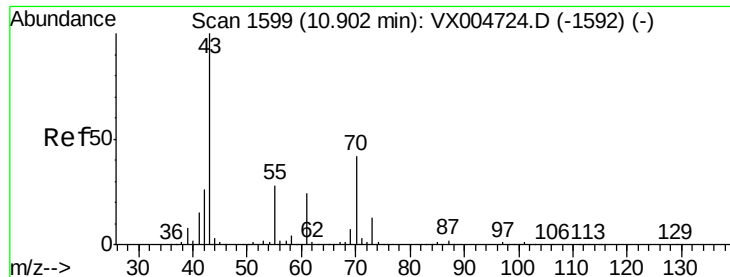


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.751 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20180927

Tot Ion: 43 Resp: 21

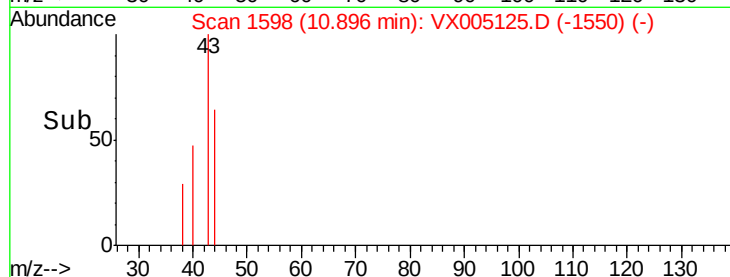
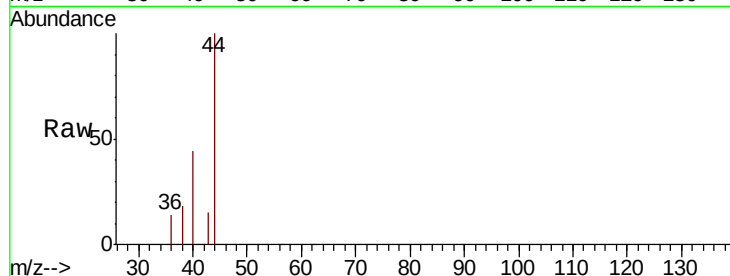
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

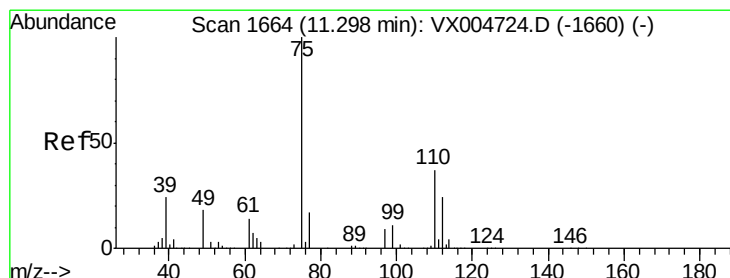
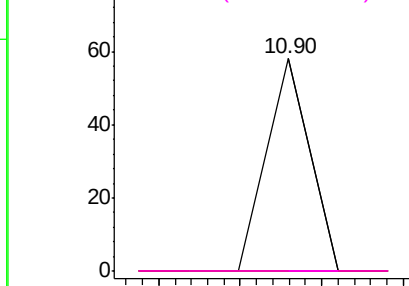


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 20.593 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005125.D

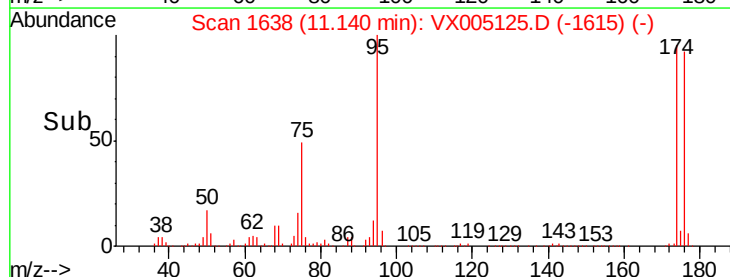
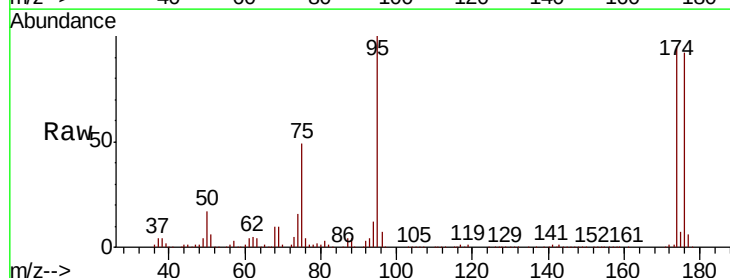
Acq: 08 Oct 2018 14:15

Tgt Ion: 75 Resp: 80250

Ion Ratio Lower Upper

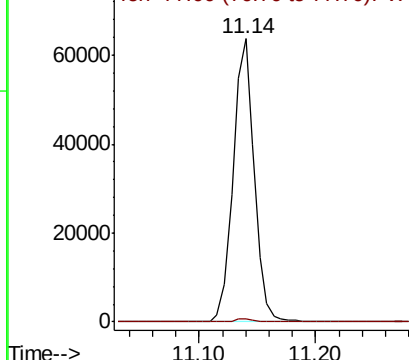
75 100

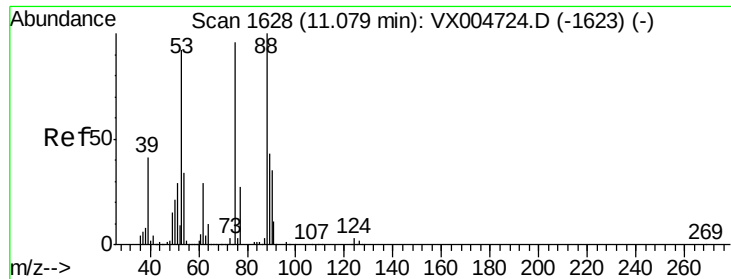
77 1.2 21.4 64.3#



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: 55.921 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20180927

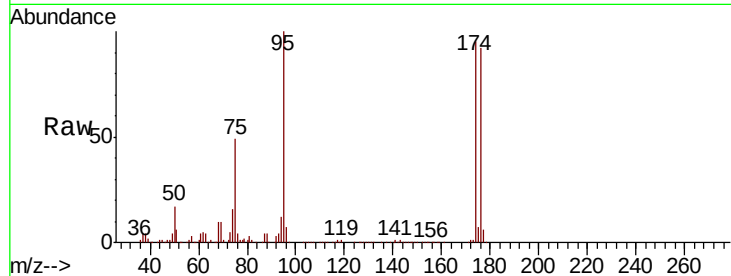
Tot Ion: 75 Resp: 80250

Ion Ratio Lower Upper

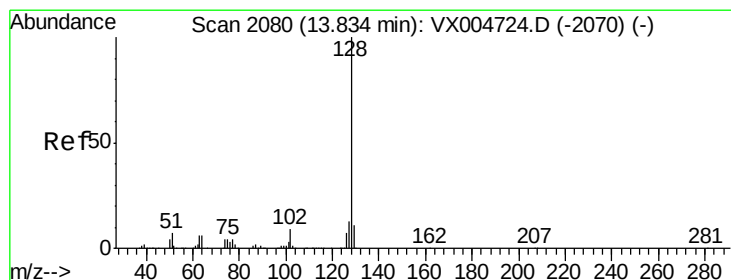
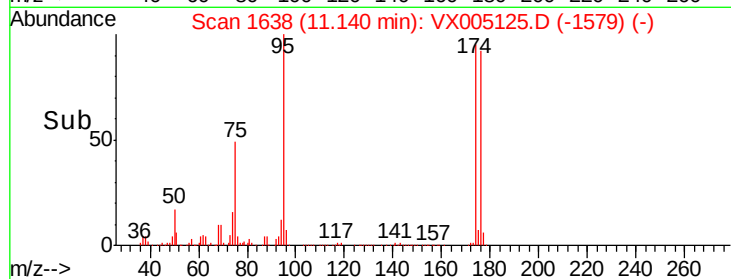
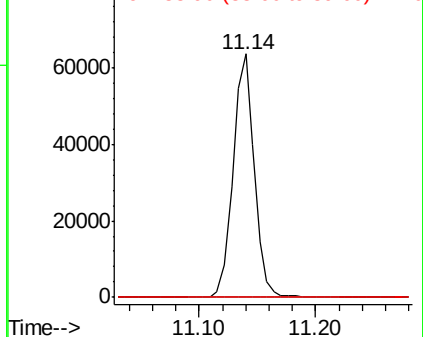
75 100

53 0.3 80.2 120.4#

89 0.1 37.1 55.7#



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



#95

Naphthalene

Concen: 0.741 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005125.D

Acq: 08 Oct 2018 14:15

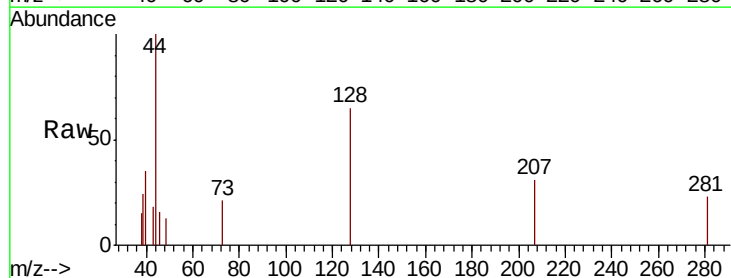
Tgt Ion:128 Resp: 316

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

