

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072018\
 Data File : VX003537.D
 Acq On : 21 Jul 2018 04:28
 Operator : JC/SP
 Sample : J4014-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-071218

Quant Time: Jul 21 04:48:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187081	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	5.51	113	182683	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
50) Toluene-d8	8.72	98	609984	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	214904	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

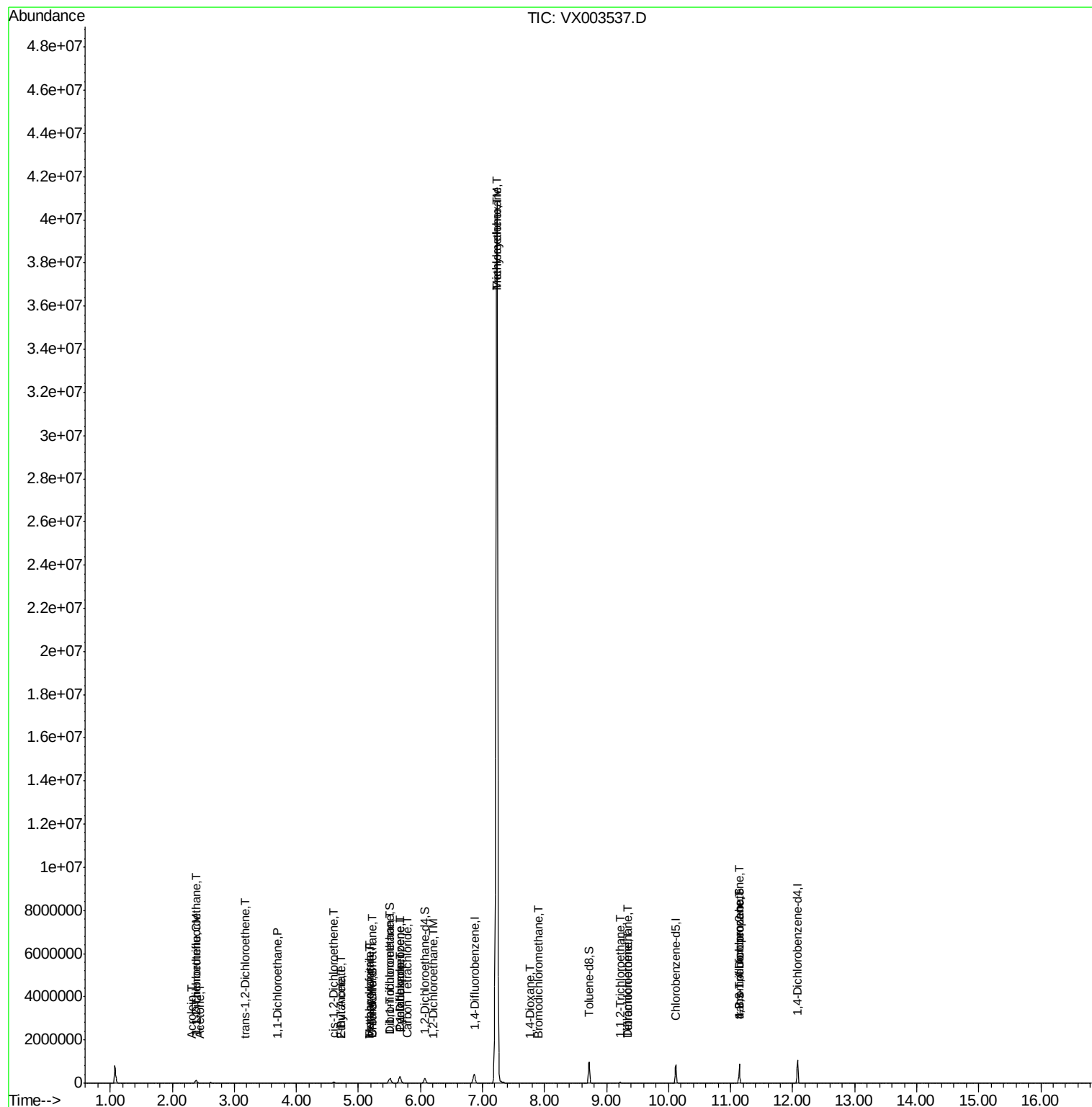
						Qvalue
2) Dichlorodifluoromethane	1.20	85	846	Below Cal		98
3) Chloromethane	1.32	50	573	Below Cal		91
5) Bromomethane	1.66	94	960	Below Cal	#	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43308	12.93	ug/l	98
12) 1,1-Dichloroethene	2.38	96	16233	5.27	ug/l	# 77
13) Acrolein	2.30	56	110	0.34	ug/l	# 57
16) Acetone	2.45	43	7909	5.86	ug/l	# 86
20) Methylene Chloride	2.86	84	1323	Below Cal	#	92
21) trans-1,2-Dichloroethene	3.16	96	1774	0.52	ug/l	# 82
24) 1,1-Dichloroethane	3.70	63	7251	1.20	ug/l	98
25) 2-Butanone	4.71	43	3840	1.70	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22273	5.83	ug/l	79
28) Bromochloromethane	5.21	49	1147	0.44	ug/l	# 13
29) Tetrahydrofuran	5.17	42	3076	2.06	ug/l	# 88
30) Chloroform	5.23	83	16316	2.77	ug/l	98
31) Cyclohexane	5.67	56	4986	0.93	ug/l	# 1
32) 1,1,1-Trichloroethane	5.49	97	2144	0.43	ug/l	# 49
36) 1,1-Dichloropropene	5.67	75	19304	4.14	ug/l	# 50
37) Ethyl Acetate	4.71	43	3840	0.87	ug/l	# 70
38) Carbon Tetrachloride	5.79	117	12605	2.75	ug/l	92
39) Methylcyclohexane	7.23	83	209928	37.99	ug/l	# 1
41) Methacrylonitrile	5.18	41	1929	0.74	ug/l	# 50
42) 1,2-Dichloroethane	6.20	62	2010	0.45	ug/l	97
44) Trichloroethene	7.23	130	16694452	3973.96	ug/l	95
47) Bromodichloromethane	7.90	83	1662	0.39	ug/l	# 90
49) 1,4-Dioxane	7.76	88	1493	18.61	ug/l	# 86
55) 1,1,2-Trichloroethane	9.22	97	8729	2.47	ug/l	96
60) Dibromochloromethane	9.34	129	3838	1.10	ug/l	# 11
64) Tetrachloroethene	9.34	164	4201	0.85	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	100952	24.66	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	100952	69.09	ug/l	# 7

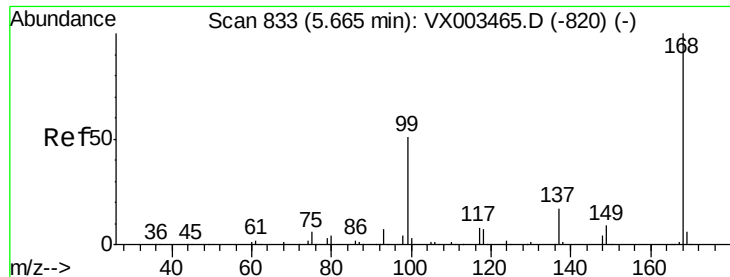
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

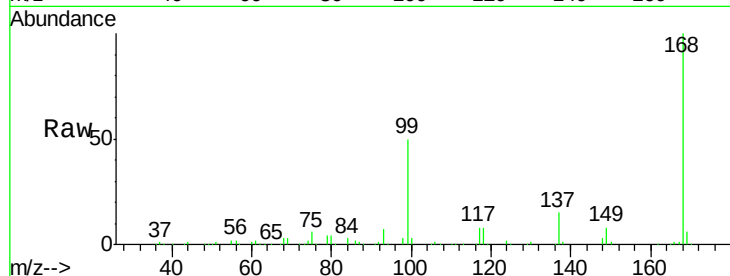
RE122D2-071218

Tot Ion:168 Resp: 301847

Ion Ratio Lower Upper

168 100

99 50.1 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

120000

100000

80000

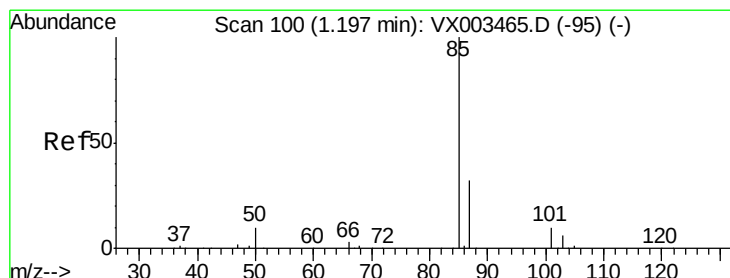
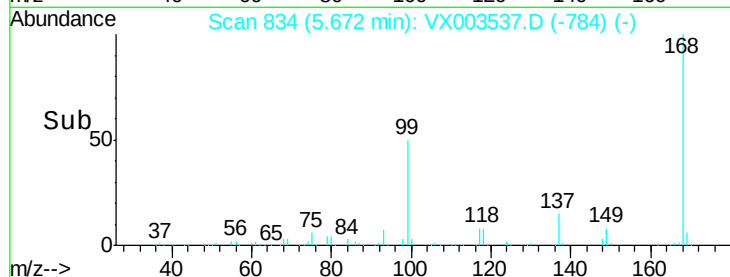
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003537.D

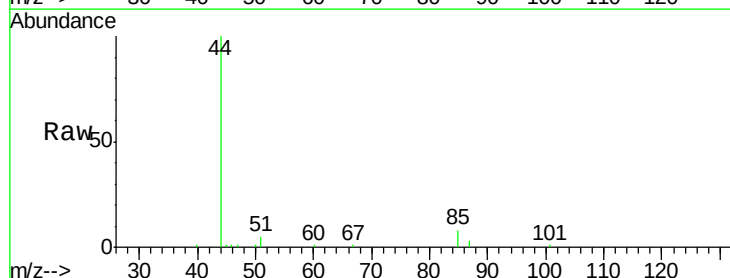
Acq: 21 Jul 2018 04:28

Tgt Ion: 85 Resp: 846

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1000

800

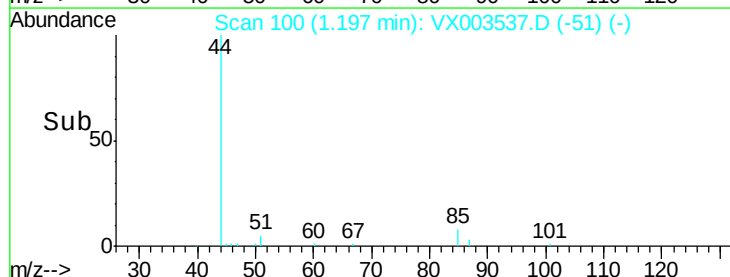
600

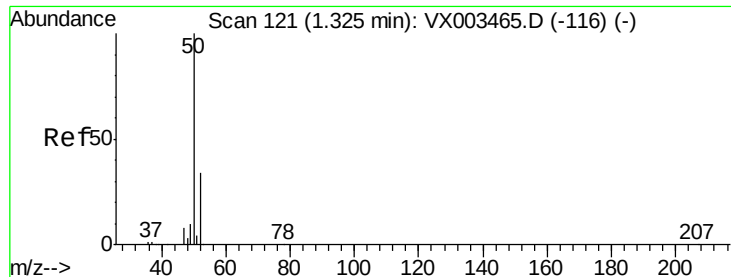
400

200

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

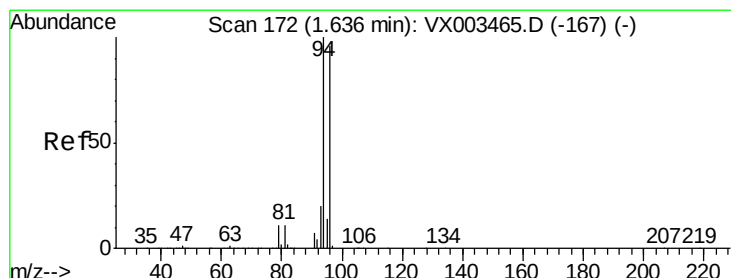
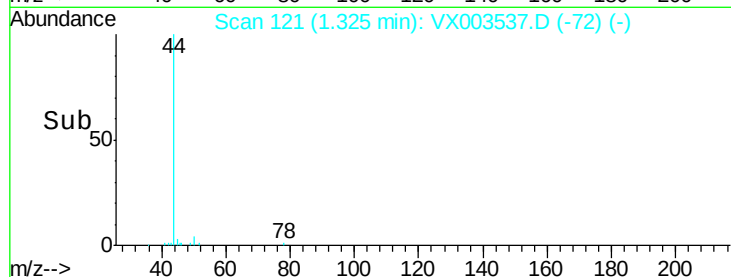
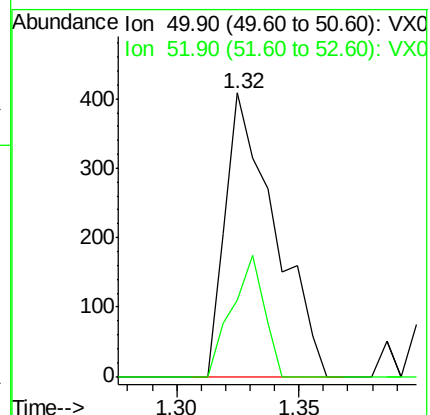
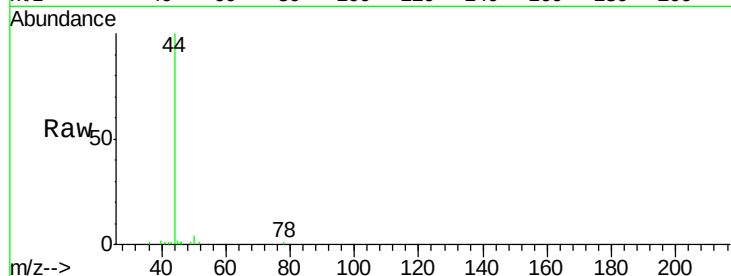
RE122D2-071218

Tot Ion: 50 Resp: 573

Ion Ratio Lower Upper

50 100

52 27.0 25.7 38.5



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX003537.D

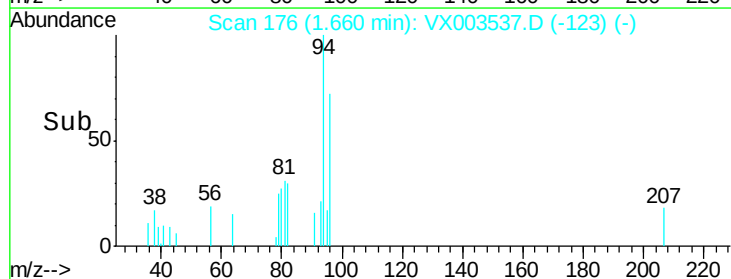
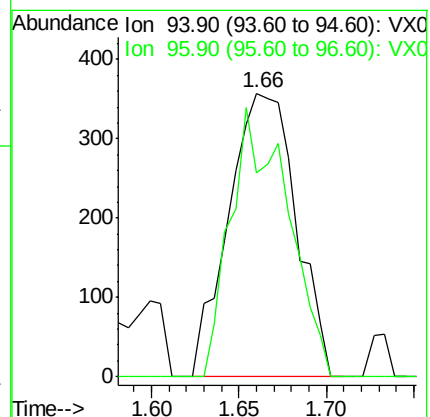
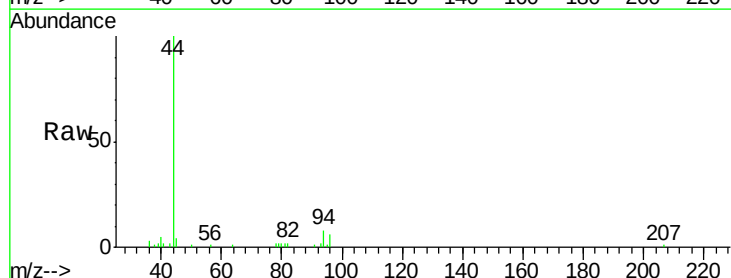
Acq: 21 Jul 2018 04:28

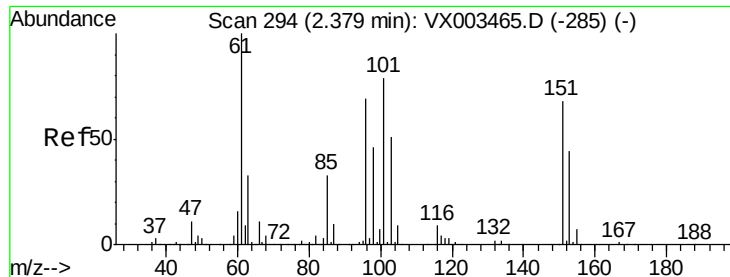
Tgt Ion: 94 Resp: 960

Ion Ratio Lower Upper

94 100

96 72.0 74.9 112.3#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.93 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

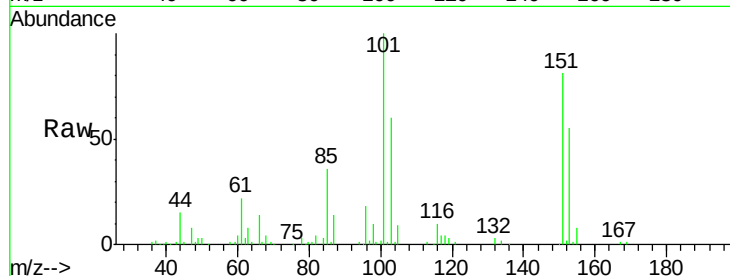
Tot Ion:101 Resp: 43308

Ion Ratio Lower Upper

101 100

85 41.8 36.0 54.0

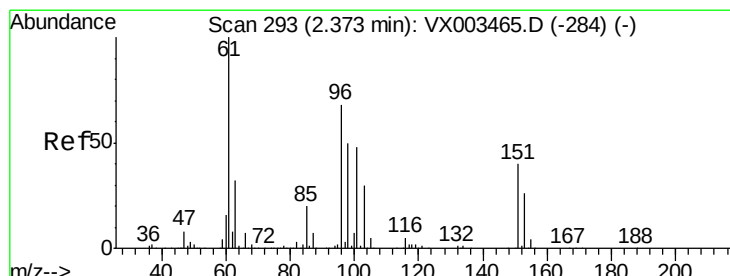
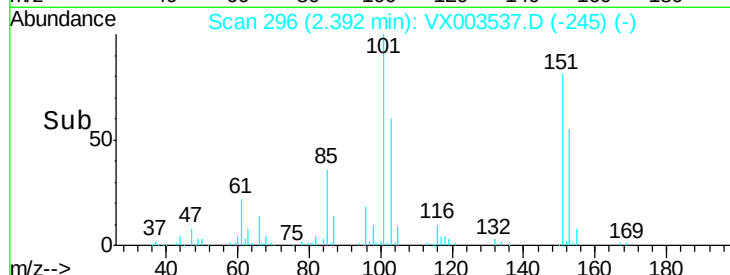
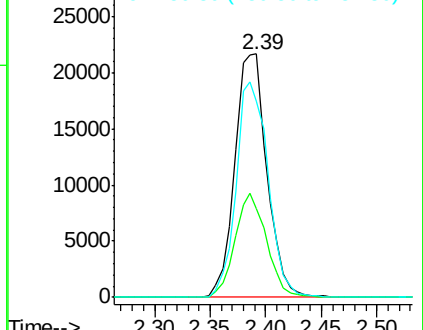
151 88.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 5.27 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

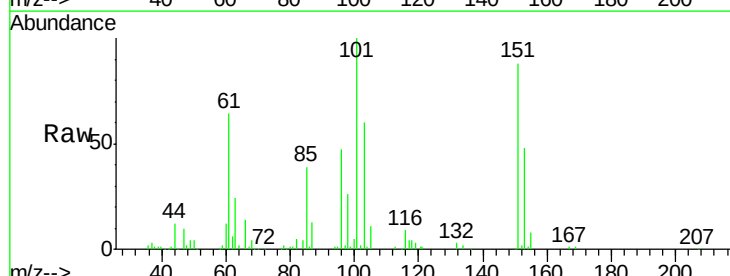
Tgt Ion: 96 Resp: 16233

Ion Ratio Lower Upper

96 100

61 134.5 137.9 206.9#

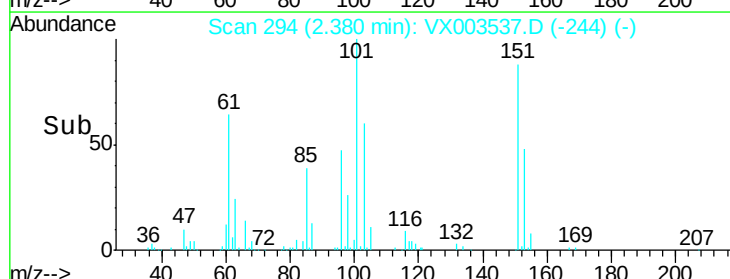
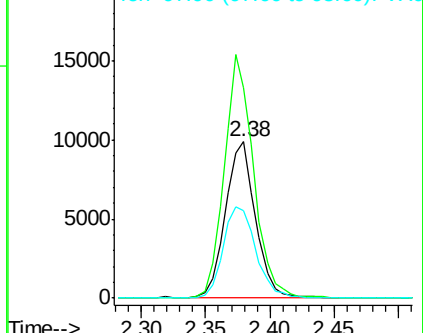
98 55.8 51.6 77.4

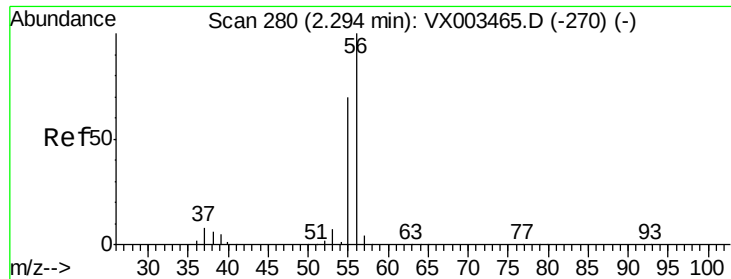


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 0.34 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

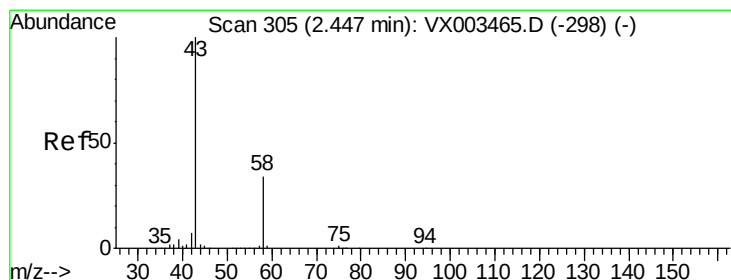
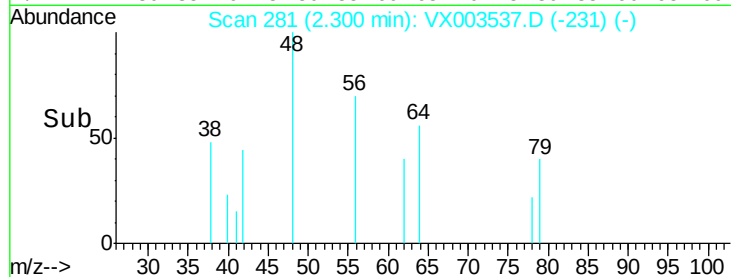
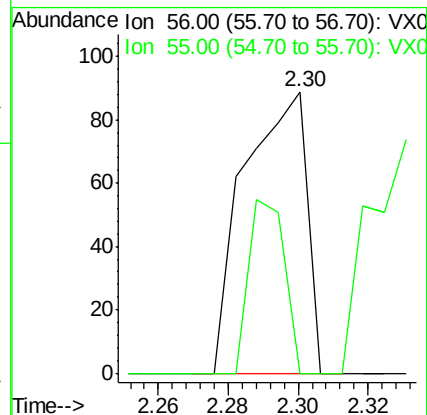
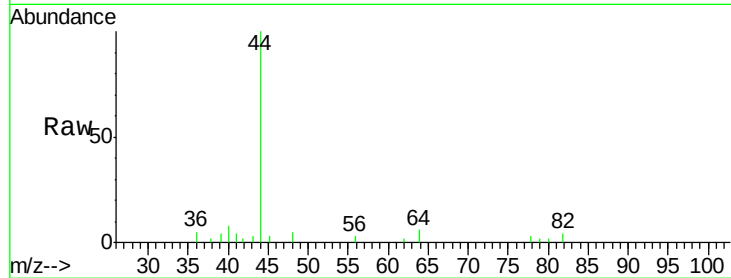
RE122D2-071218

Tot Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 35.5 57.0 85.4#



#16

Acetone

Concen: 5.86 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003537.D

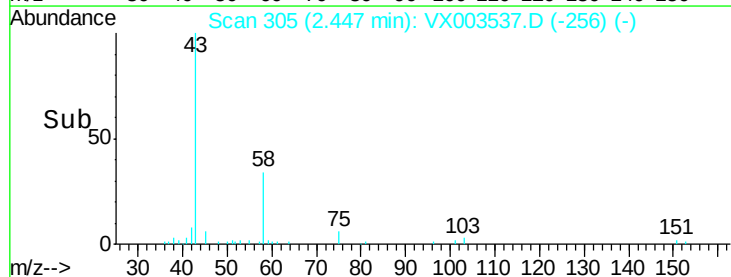
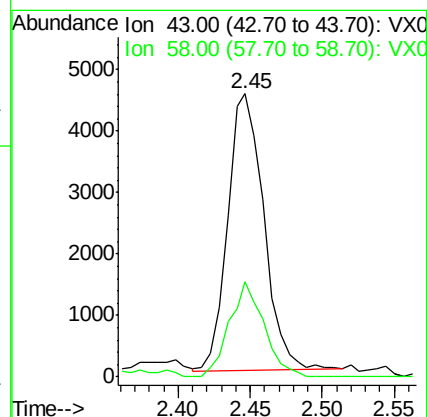
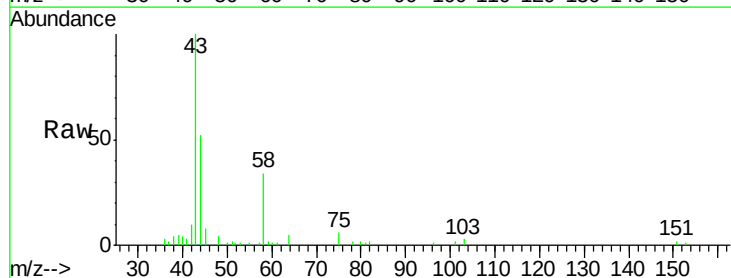
Acq: 21 Jul 2018 04:28

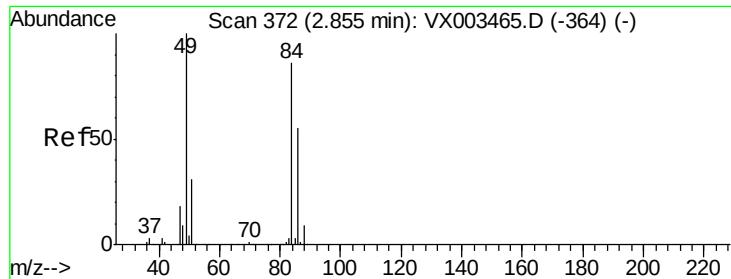
Tgt Ion: 43 Resp: 7909

Ion Ratio Lower Upper

43 100

58 34.7 22.1 33.1#

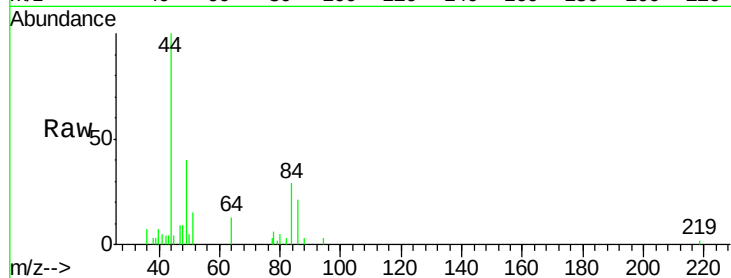




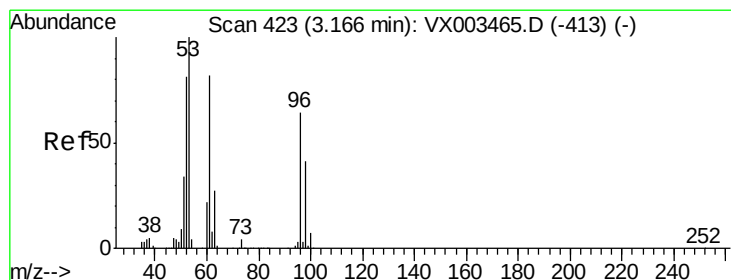
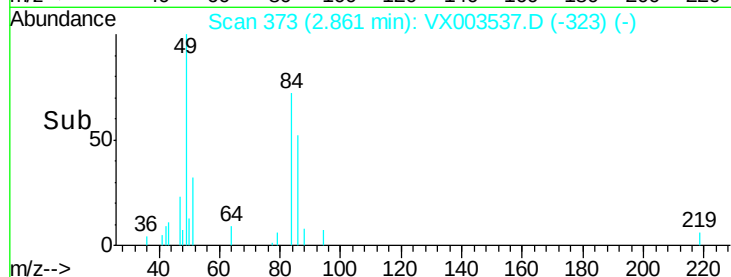
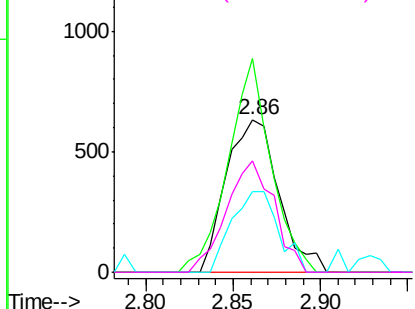
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

Tot Ion: 84 Resp: 1323
Ion Ratio Lower Upper
84 100
49 139.7 107.8 161.6
51 52.8 32.8 49.2#
86 72.8 52.5 78.7

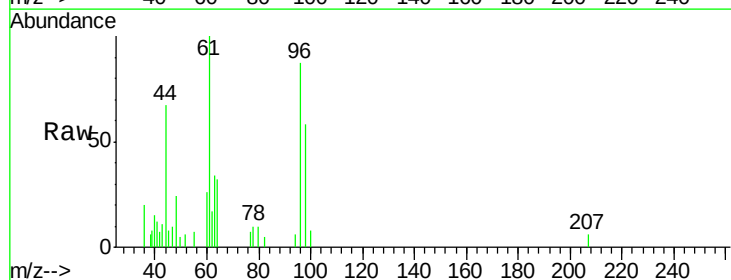


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

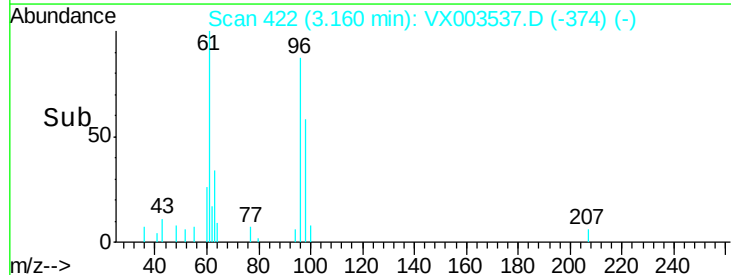
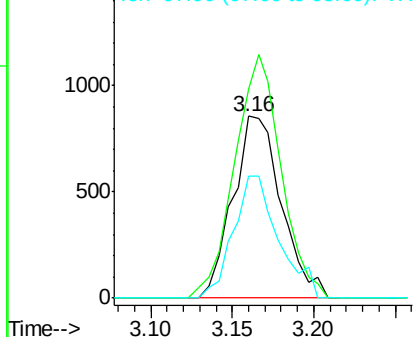


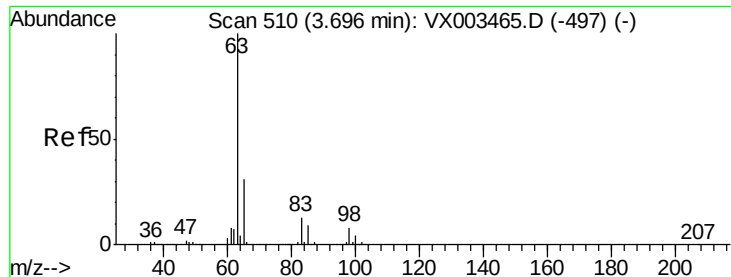
#21
trans-1,2-Dichloroethene
Concen: 0.52 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion: 96 Resp: 1774
Ion Ratio Lower Upper
96 100
61 115.0 117.0 175.4#
98 67.0 52.4 78.6



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





#24

1,1-Dichloroethane

Concen: 1.20 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

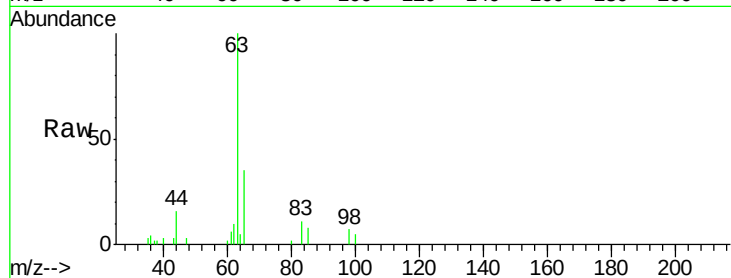
Tot Ion: 63 Resp: 7251

Ion Ratio Lower Upper

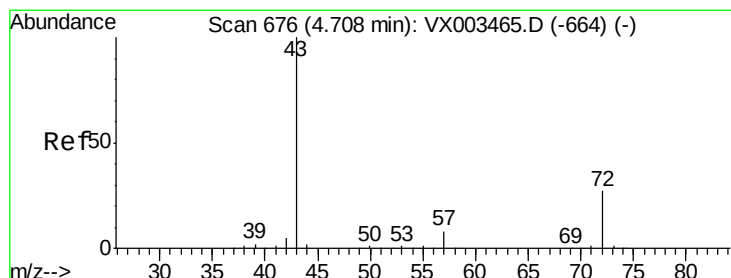
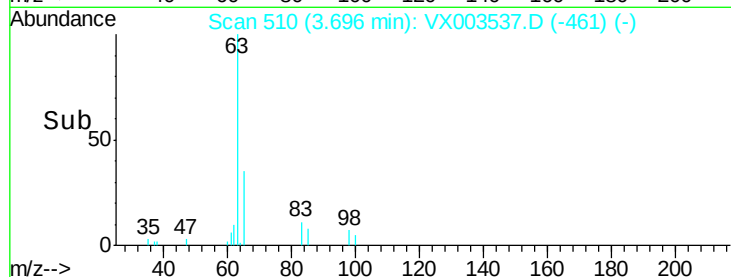
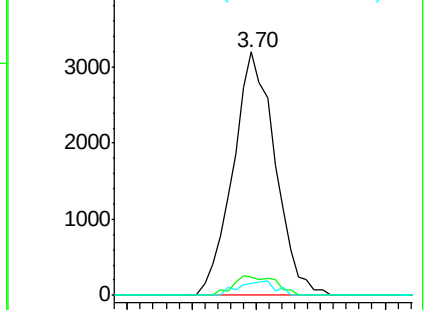
63 100

98 7.4 3.4 10.2

100 4.9 2.0 6.0



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: 1.70 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003537.D

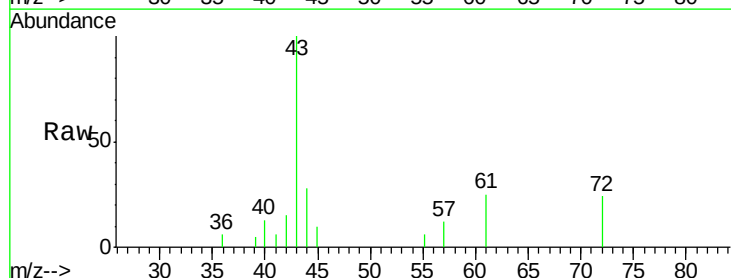
Acq: 21 Jul 2018 04:28

Tgt Ion: 43 Resp: 3840

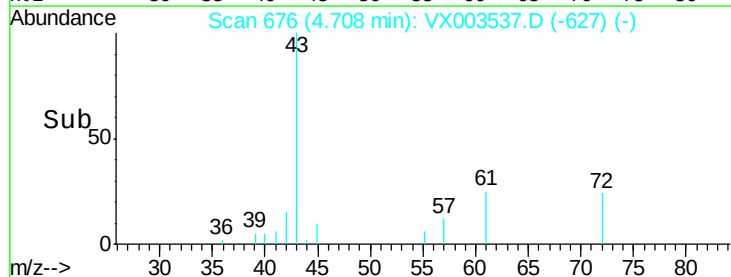
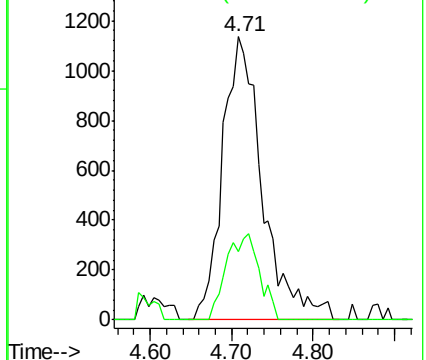
Ion Ratio Lower Upper

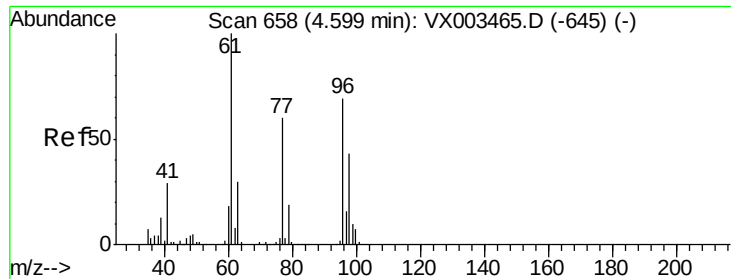
43 100

72 24.1 18.5 27.7



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



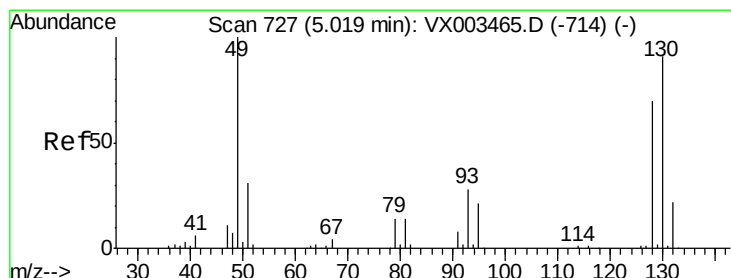
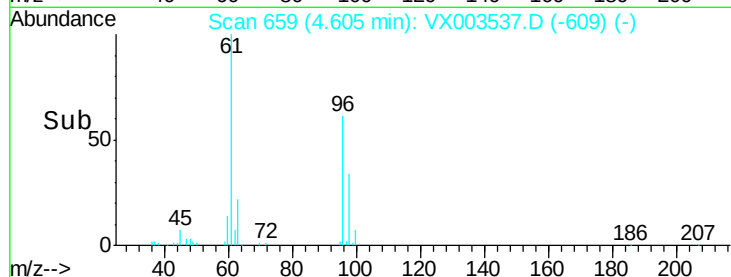
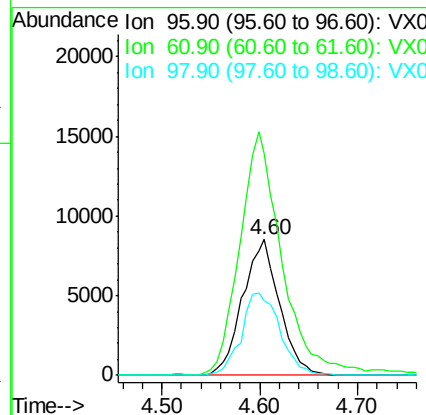
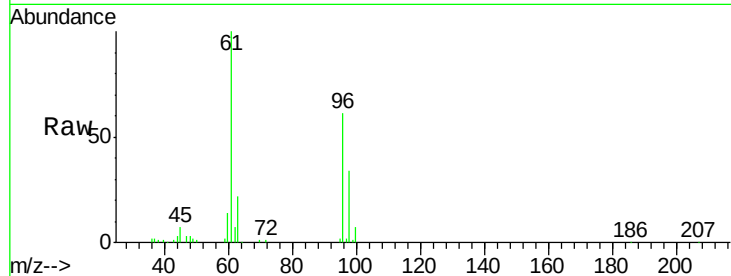


#27

cis-1,2-Dichloroethene
 Concen: 5.83 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-071218

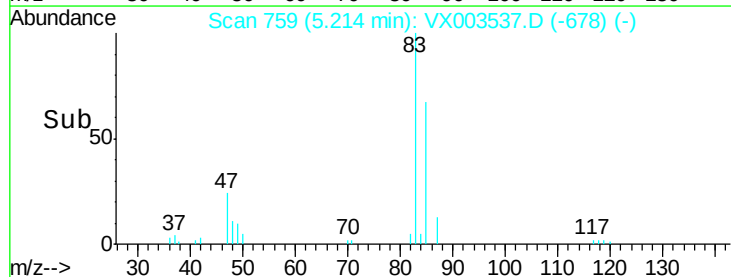
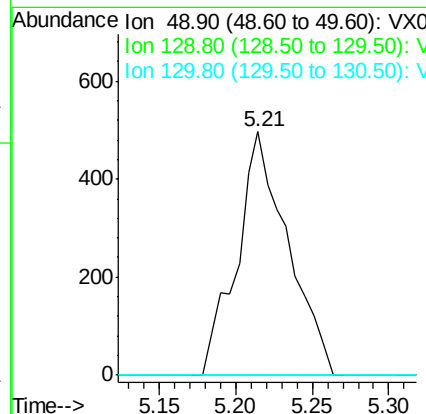
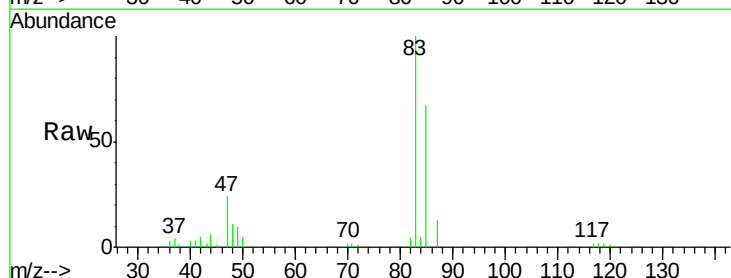
Tot Ion: 96 Resp: 22273
 Ion Ratio Lower Upper
 96 100
 61 204.3 0.0 330.2
 98 63.6 0.0 130.2

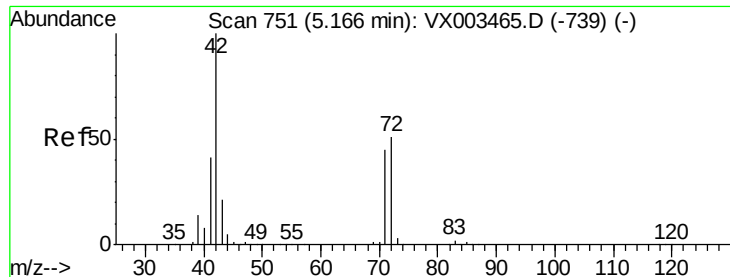


#28

Bromochloromethane
 Concen: 0.44 ug/l
 RT: 5.21 min Scan# 759
 Delta R.T. 0.20 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Tgt Ion: 49 Resp: 1147
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 0.0 61.2 91.8#

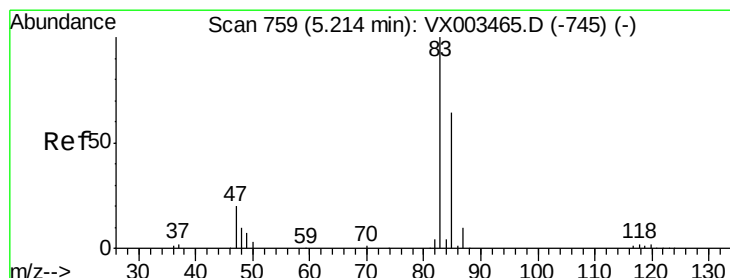
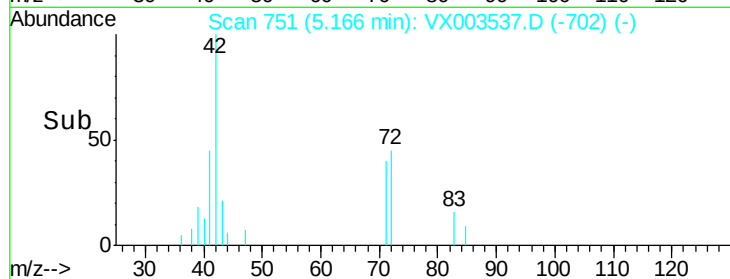
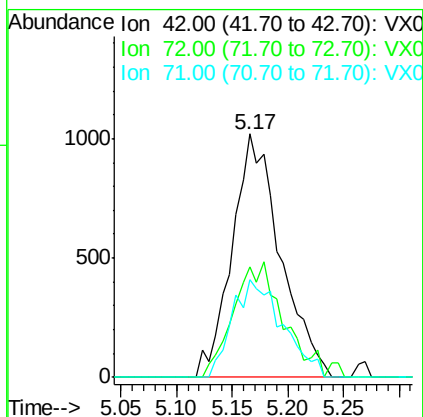
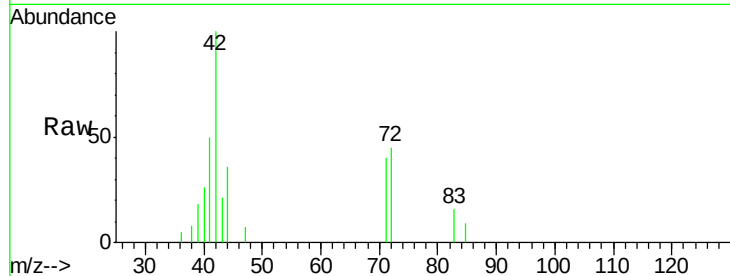




#29
Tetrahydrofuran
Concen: 2.06 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

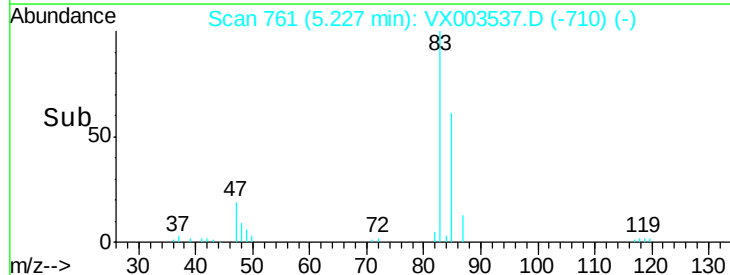
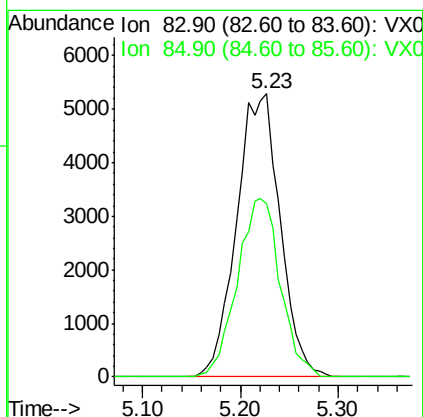
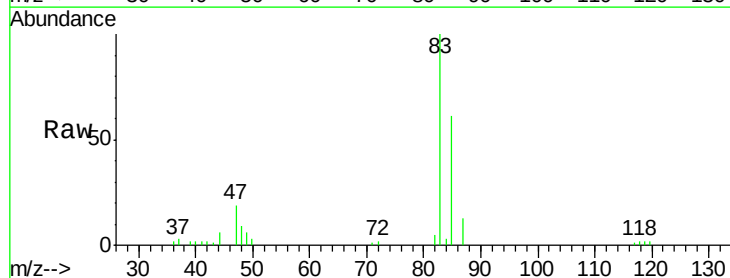
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

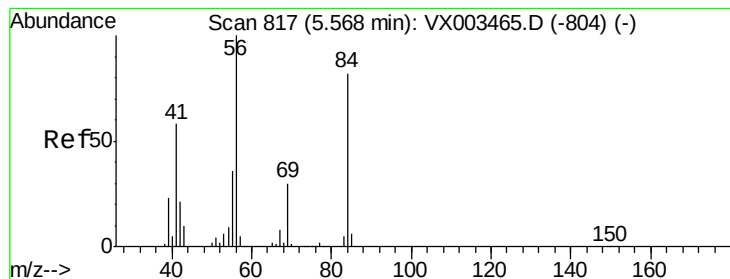
Tot Ion: 42 Resp: 3076
Ion Ratio Lower Upper
42 100
72 50.0 32.0 48.0#
71 41.6 30.1 45.1



#30
Chloroform
Concen: 2.77 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion: 83 Resp: 16316
Ion Ratio Lower Upper
83 100
85 61.1 50.4 75.6





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.10 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

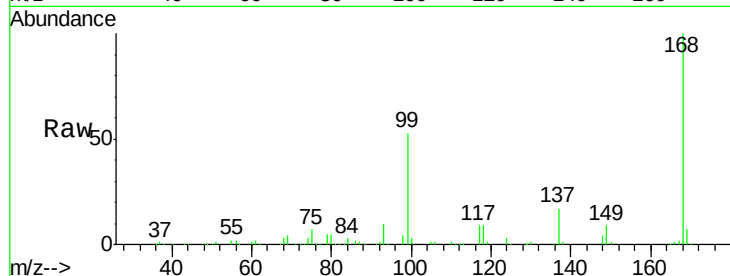
Tot Ion: 56 Resp: 4986

Ion Ratio Lower Upper

56 100

69 220.7 23.7 35.5#

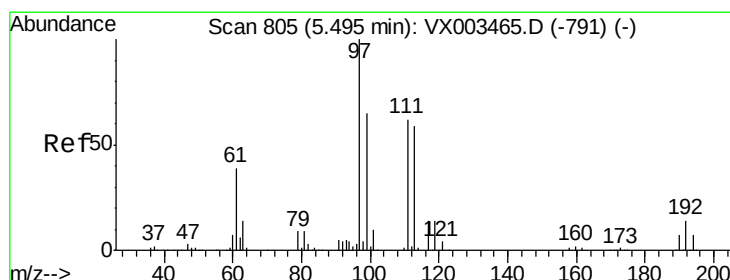
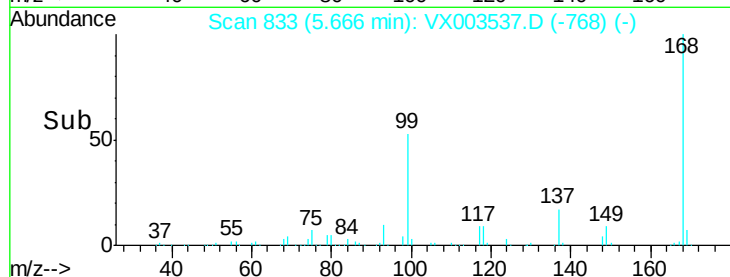
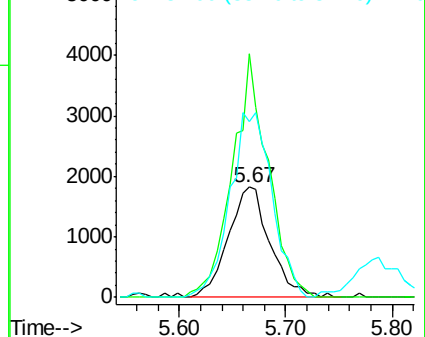
84 156.3 64.1 96.1#



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: 0.43 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

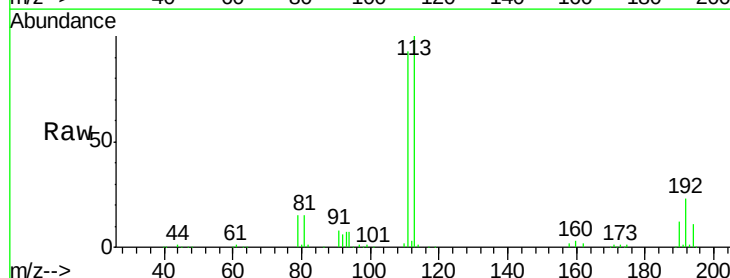
Tgt Ion: 97 Resp: 2144

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

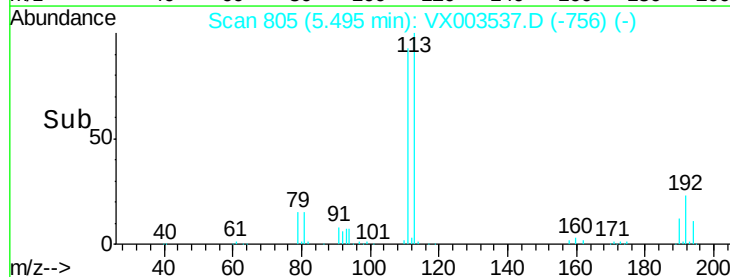
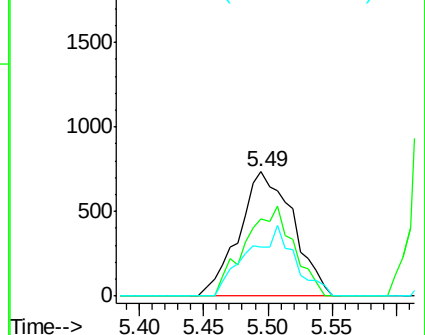
61 49.9 36.4 54.6

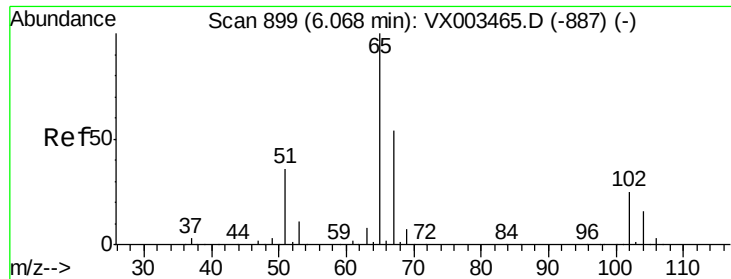


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

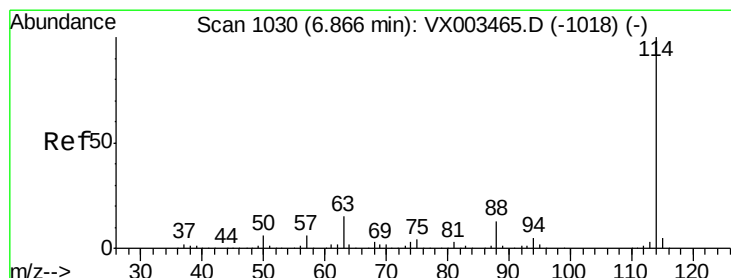
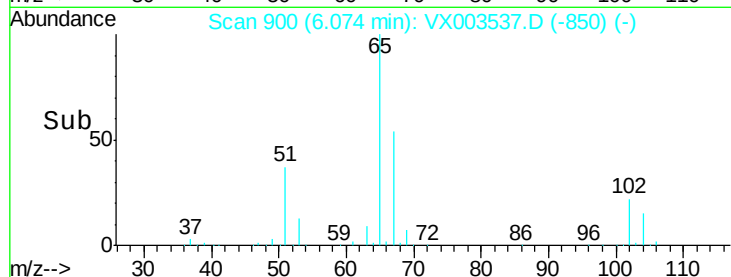
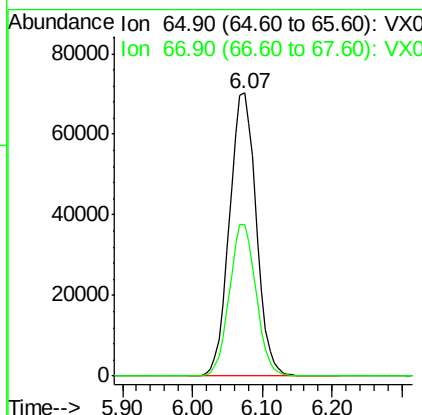
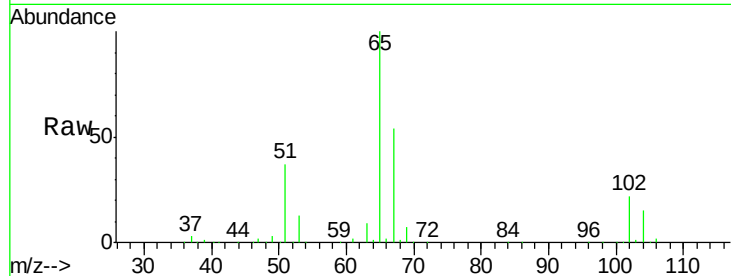




#33
 1,2-Dichloroethane-d4
 Concen: 52.36 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

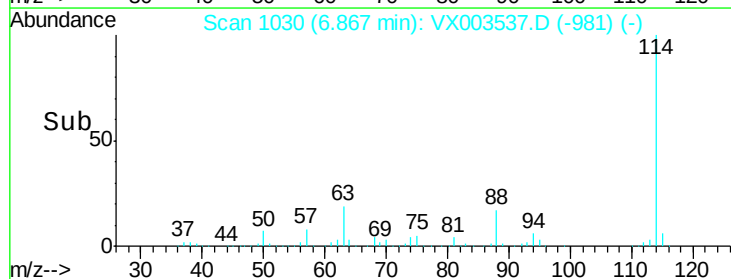
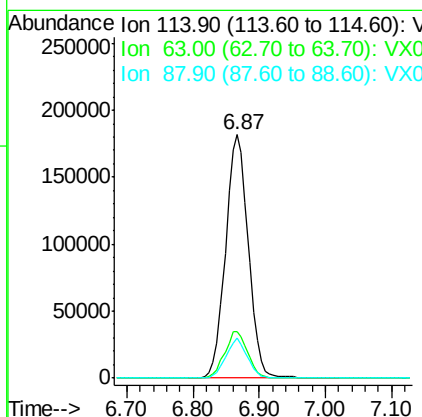
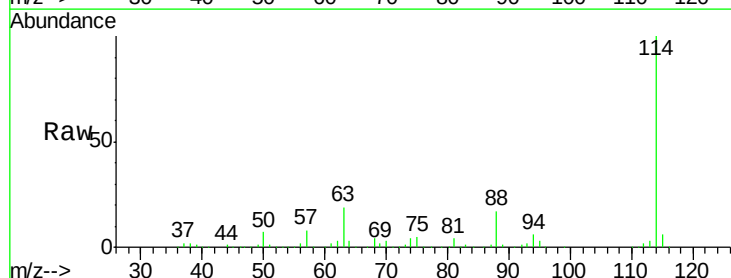
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-071218

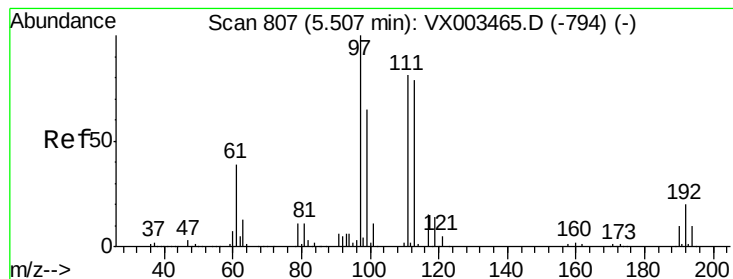
Tot Ion: 65 Resp: 187081
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Tgt Ion: 114 Resp: 432133
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 16.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.50 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

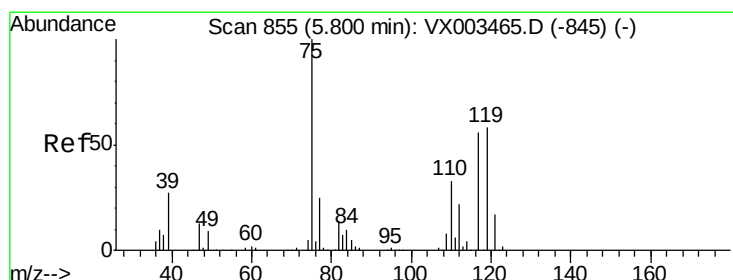
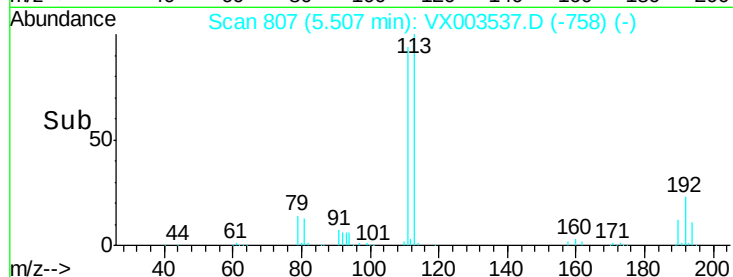
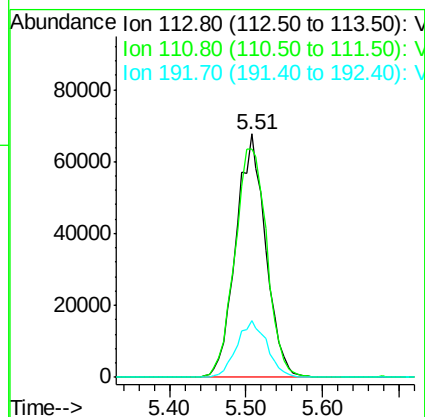
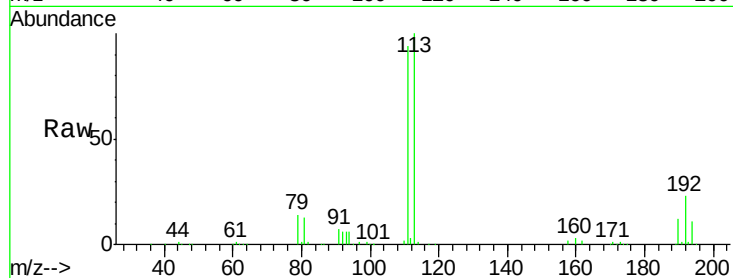
Tot Ion:113 Resp: 182683

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 23.7 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.14 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

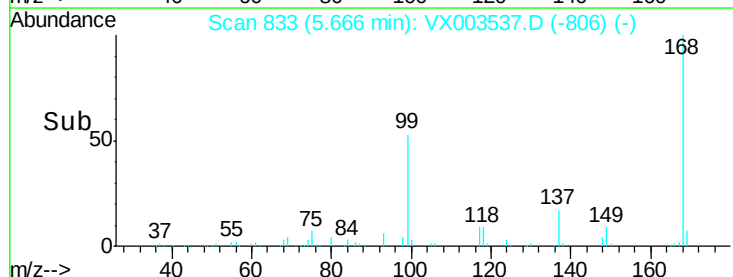
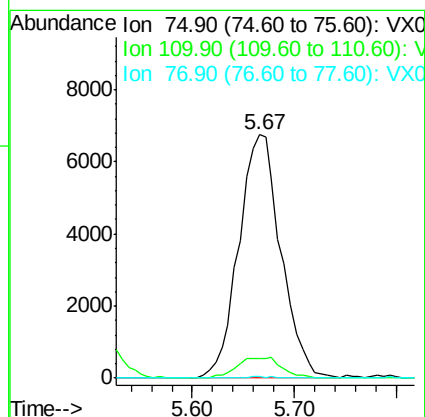
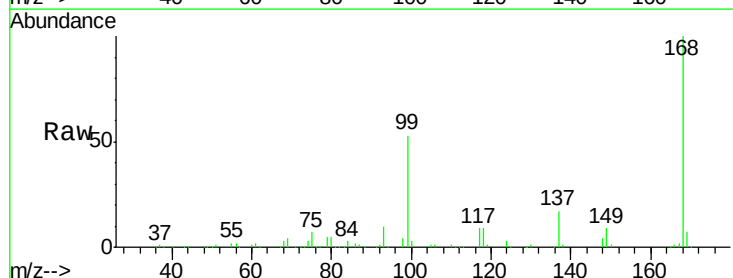
Tgt Ion: 75 Resp: 19304

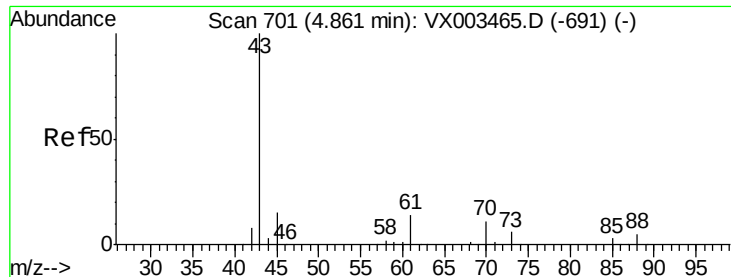
Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

77 0.3 24.3 36.5#

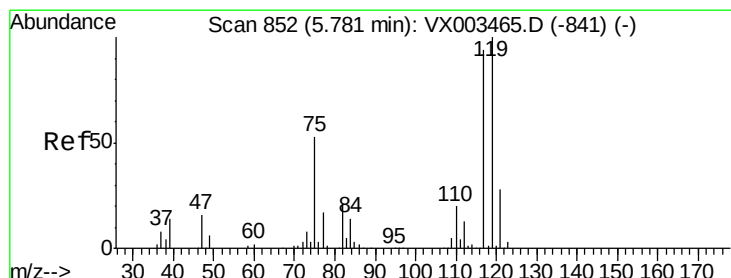
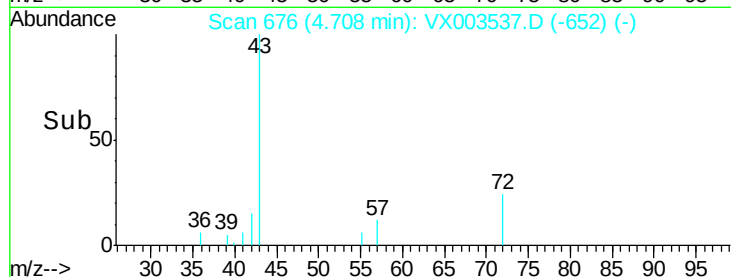
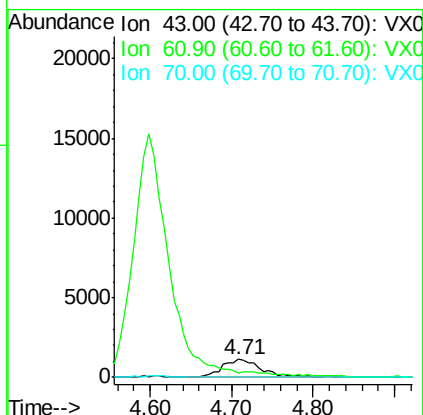
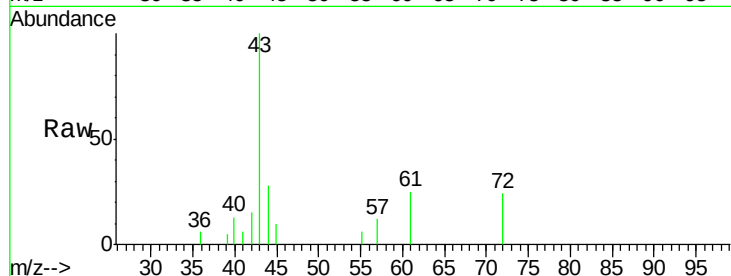




#37
Ethyl Acetate
Concen: 0.87 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.15 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

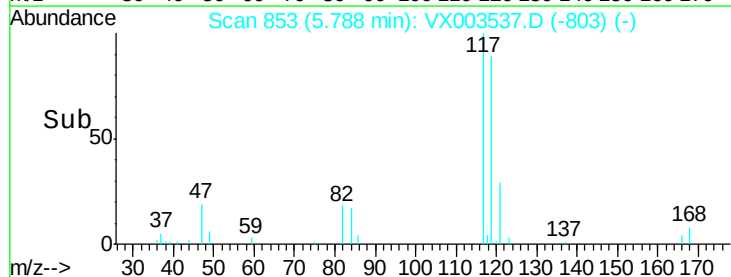
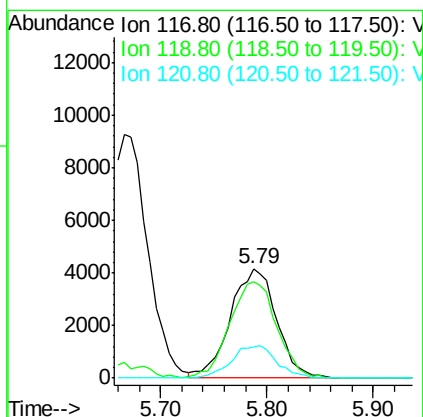
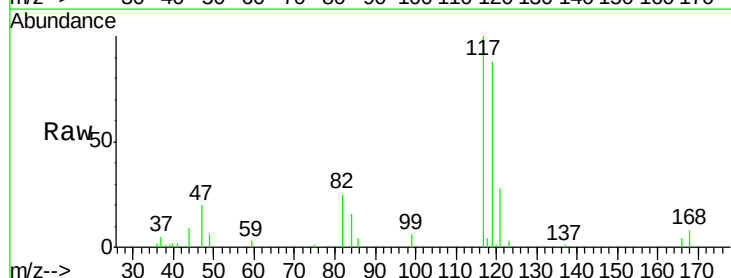
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

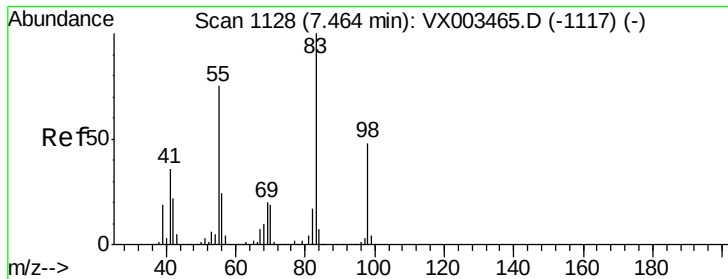
Tot Ion: 43 Resp: 3840
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 2.75 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion: 117 Resp: 12605
Ion Ratio Lower Upper
117 100
119 87.9 77.4 116.0
121 28.5 24.4 36.6

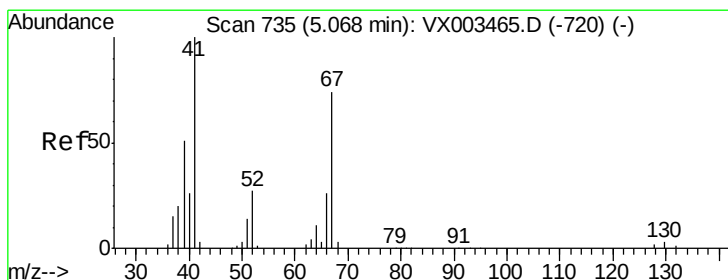
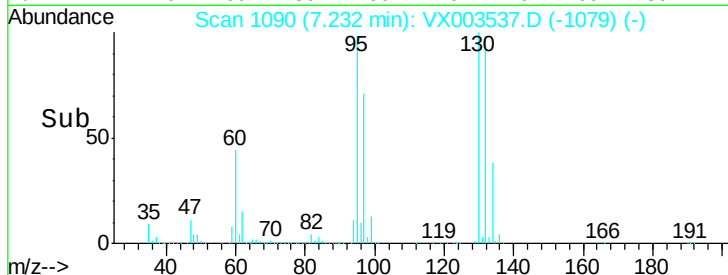
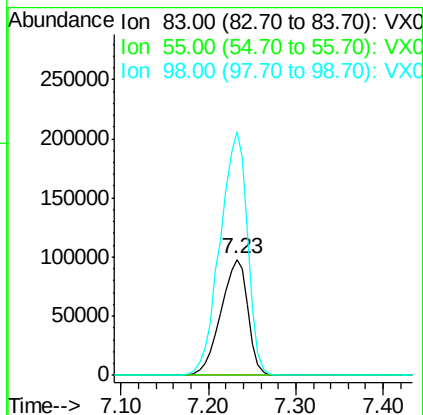
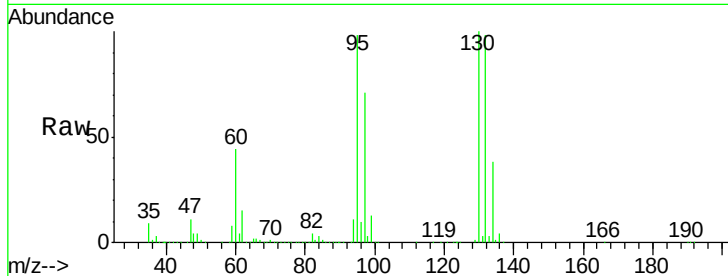




#39
Methylcyclohexane
Concen: 37.99 ug/l
RT: 7.23 min Scan# 1090
Delta R.T. -0.23 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

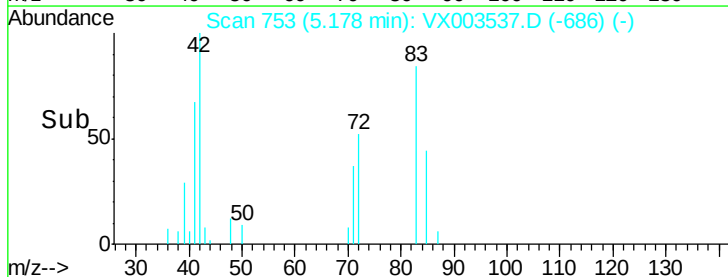
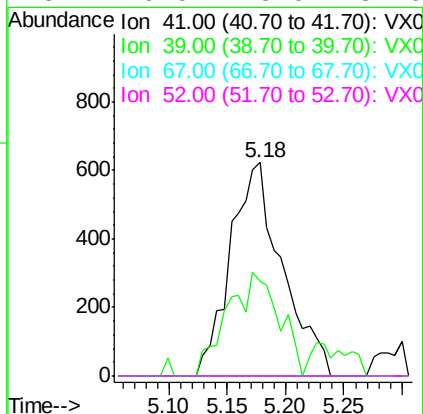
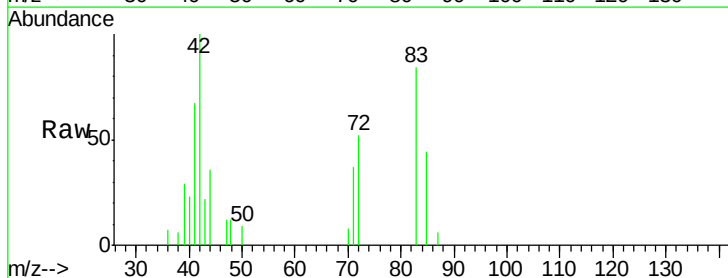
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

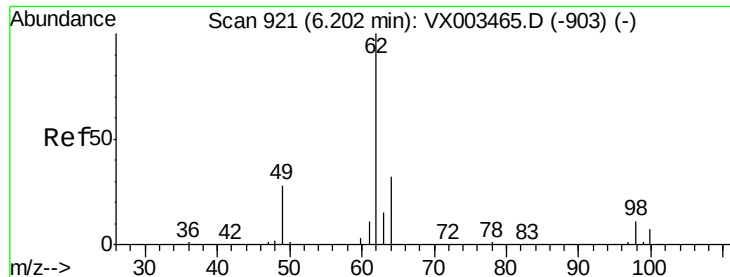
Tot Ion: 83 Resp: 209928
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 209.4 37.4 56.0#



#41
Methacrylonitrile
Concen: 0.74 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.11 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion: 41 Resp: 1929
Ion Ratio Lower Upper
41 100
39 47.8 45.8 68.6
67 0.0 51.3 76.9#
52 0.0 23.0 34.6#

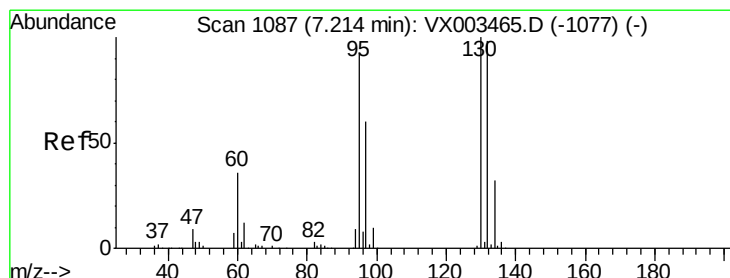
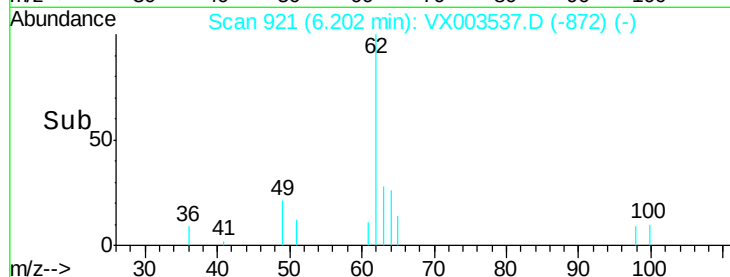
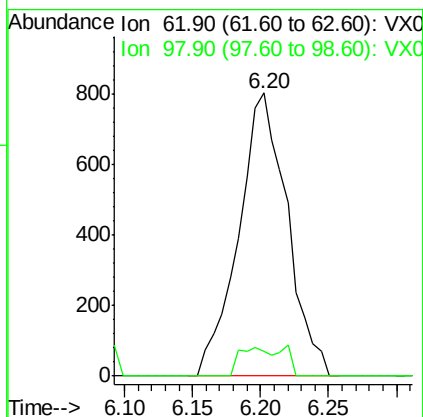
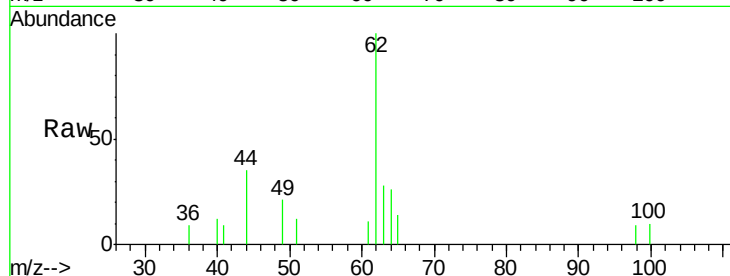




#42
1,2-Dichloroethane
Concen: 0.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

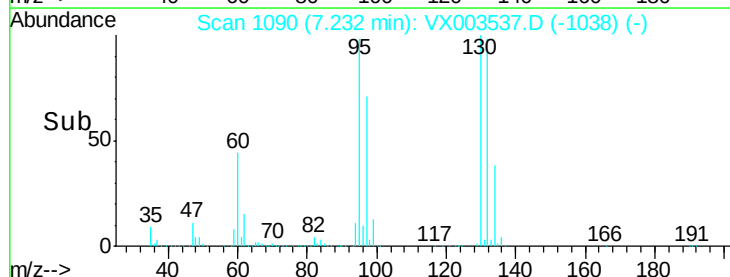
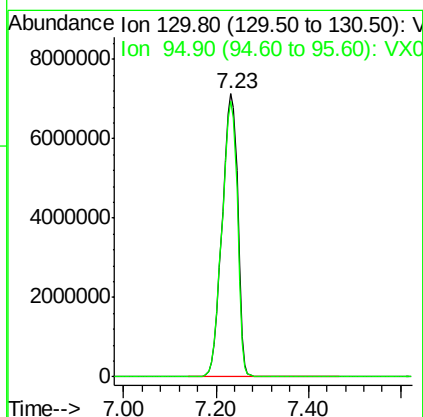
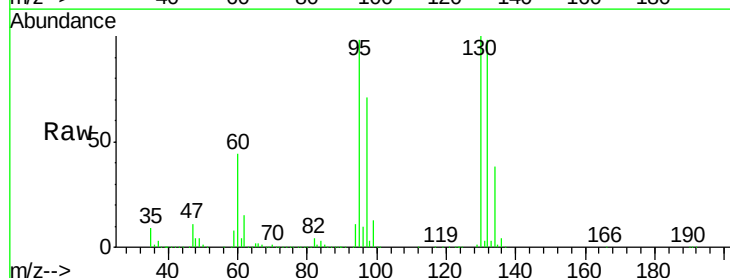
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

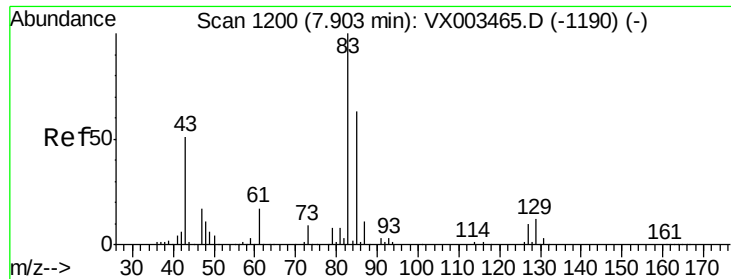
Tot Ion: 62 Resp: 2010
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.6



#44
Trichloroethene
Concen: 3973.96 ug/l
RT: 7.23 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion:130 Resp:16694452
Ion Ratio Lower Upper
130 100
95 97.6 0.0 185.4





#47

Bromodichloromethane

Concen: 0.39 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

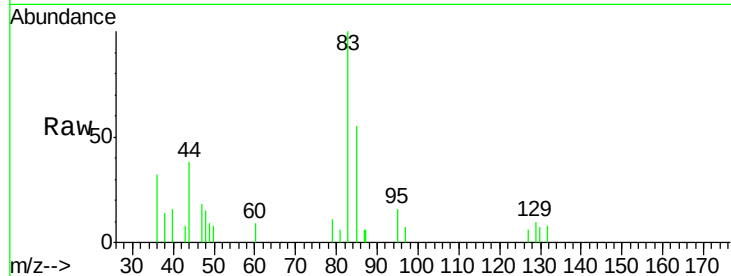
Tot Ion: 83 Resp: 1662

Ion Ratio Lower Upper

83 100

85 55.1 50.3 75.5

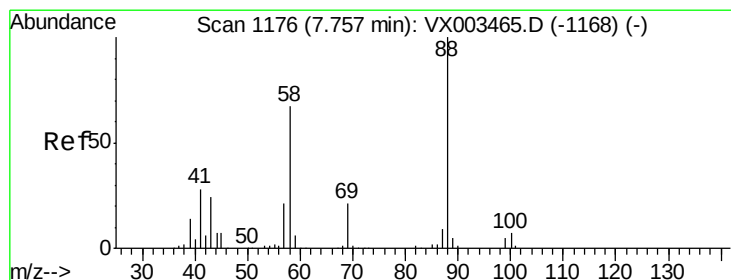
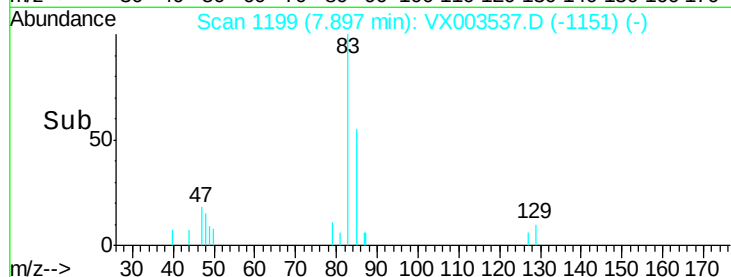
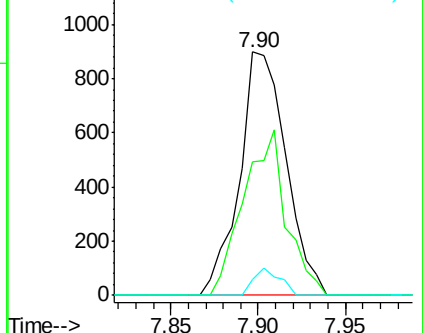
127 6.2 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#49

1,4-Dioxane

Concen: 18.61 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

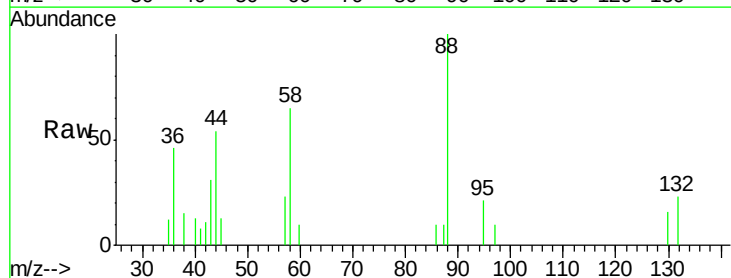
Tgt Ion: 88 Resp: 1493

Ion Ratio Lower Upper

88 100

43 41.6 29.8 44.6

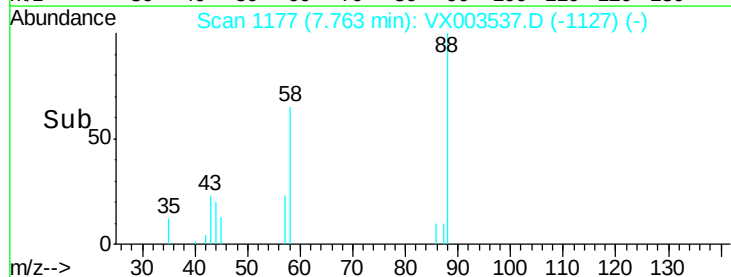
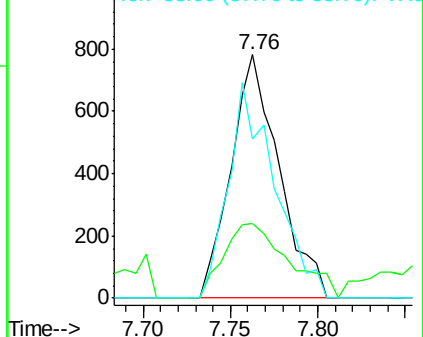
58 86.2 57.1 85.7#

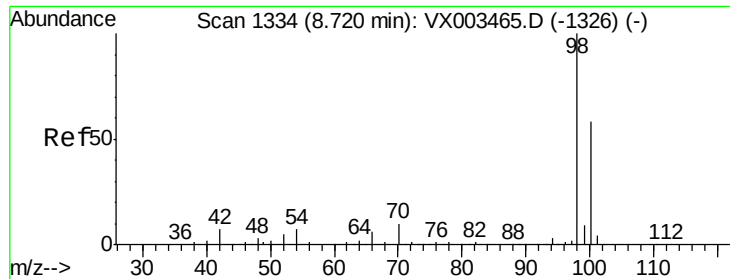


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

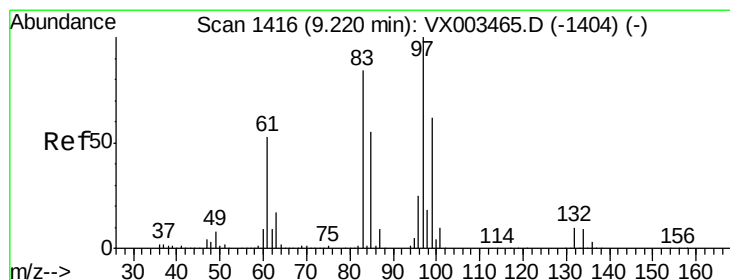
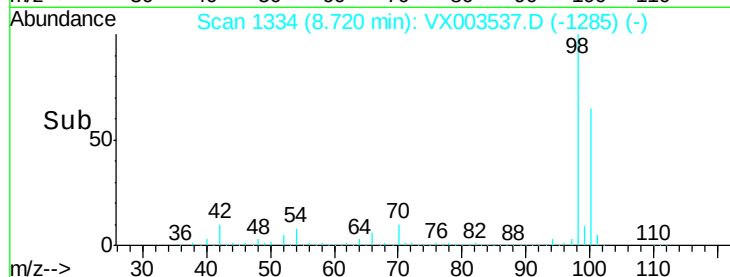
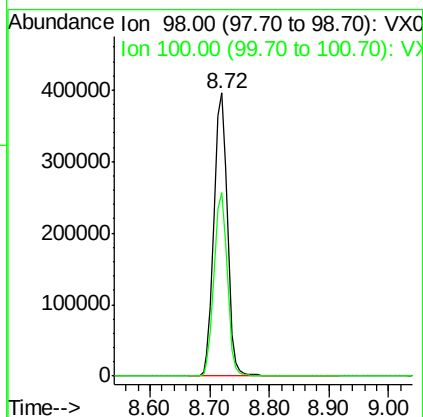
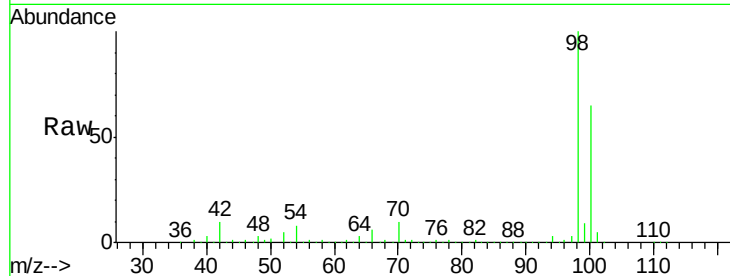




#50
Toluene-d8
Concen: 49.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

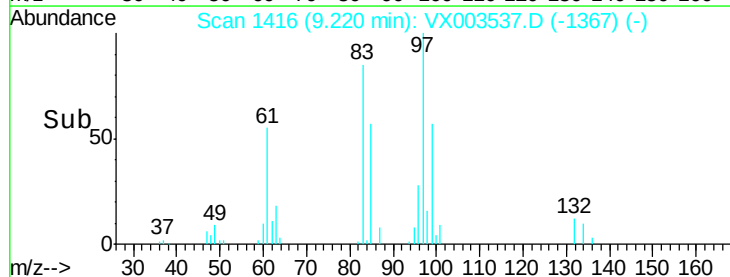
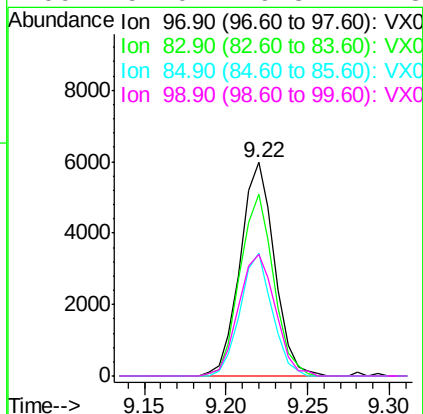
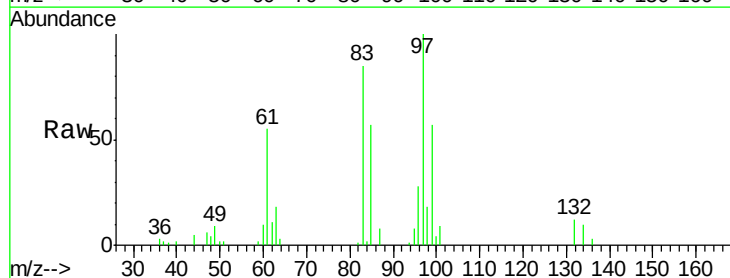
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

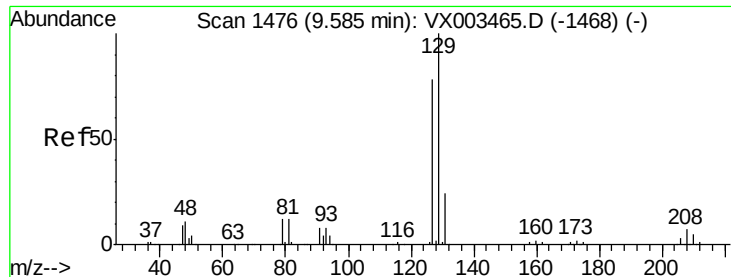
Tot Ion: 98 Resp: 609984
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 2.47 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion: 97 Resp: 8729
Ion Ratio Lower Upper
97 100
83 85.0 70.2 105.2
85 57.3 44.9 67.3
99 57.0 49.8 74.8

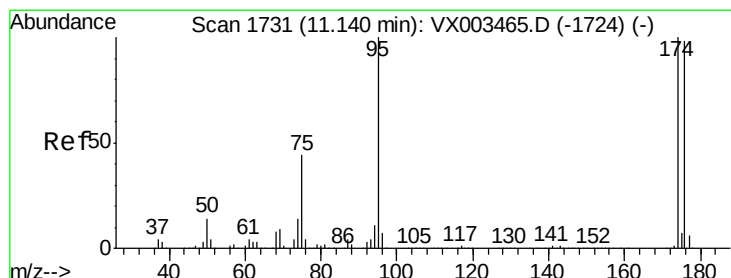
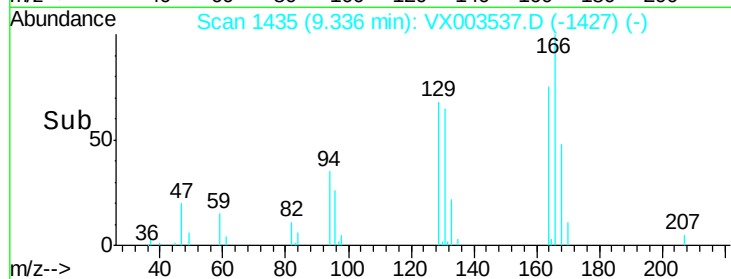
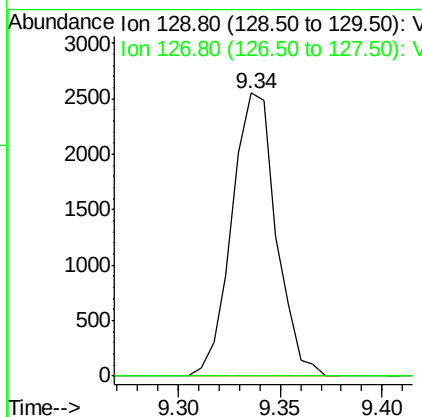
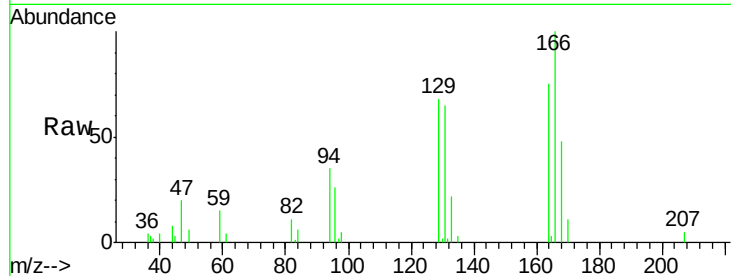




#60
 Dibromochloromethane
 Concen: 1.10 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.25 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

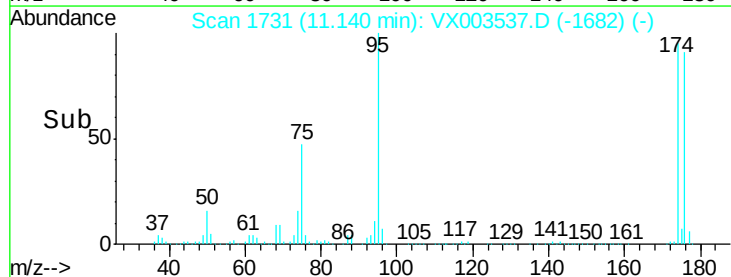
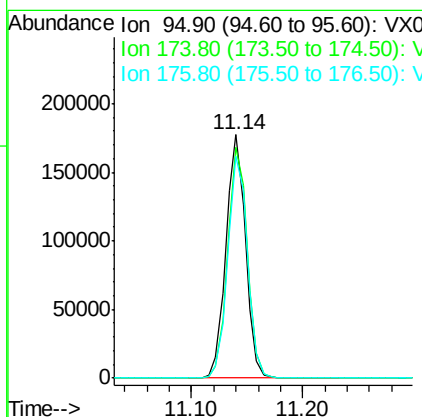
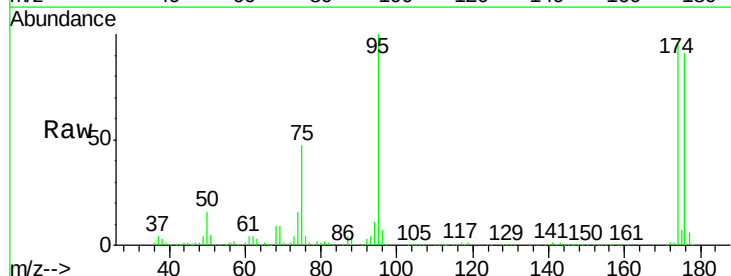
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-071218

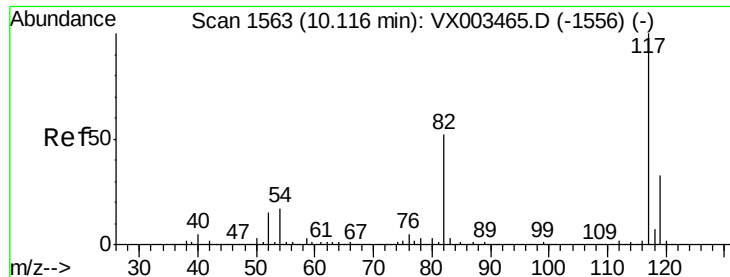
Tot Ion:129 Resp: 3838
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.3#



#62
 4-Bromofluorobenzene
 Concen: 47.60 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Tgt Ion: 95 Resp: 214904
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 187.4
 176 92.2 0.0 181.0

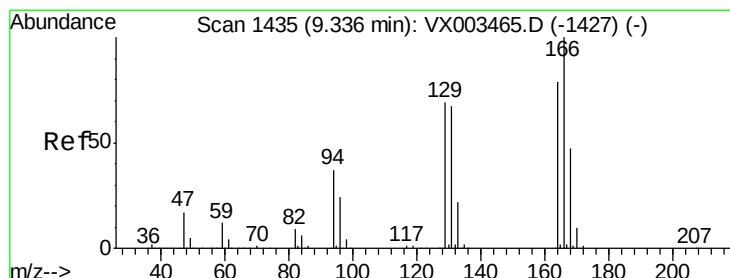
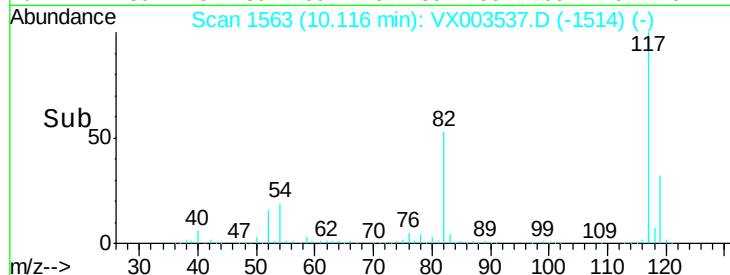
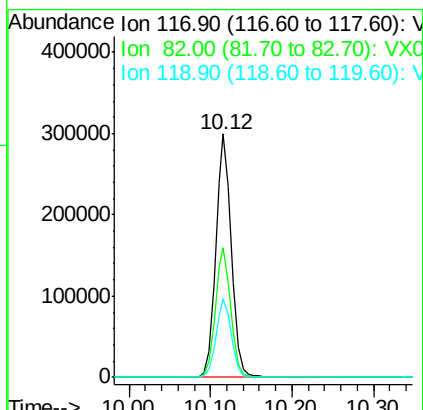
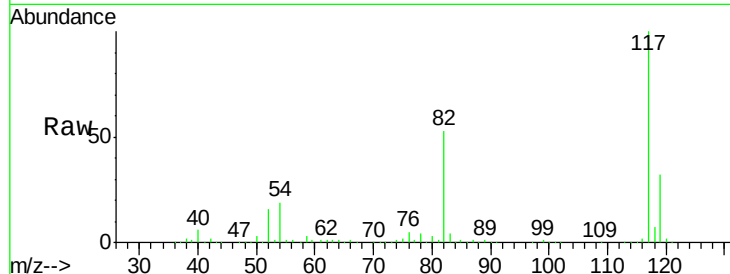




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

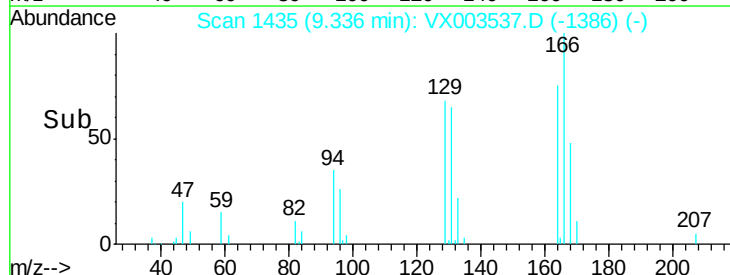
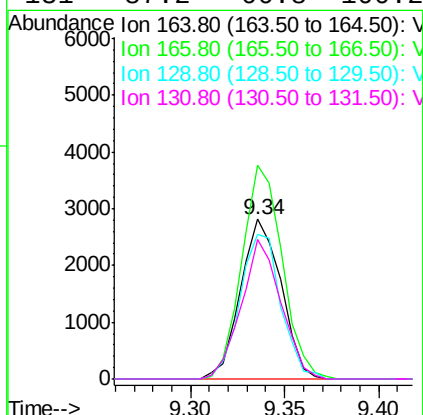
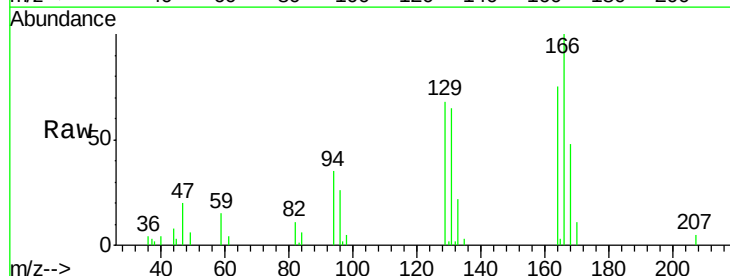
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

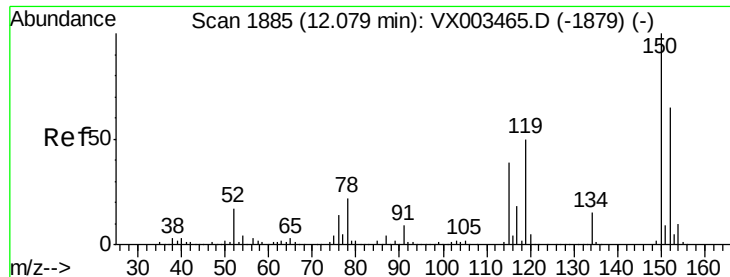
Tot Ion:117 Resp: 403413
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 0.85 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion:164 Resp: 4201
Ion Ratio Lower Upper
164 100
166 133.9 102.9 154.3
129 90.7 68.6 102.8
131 87.2 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

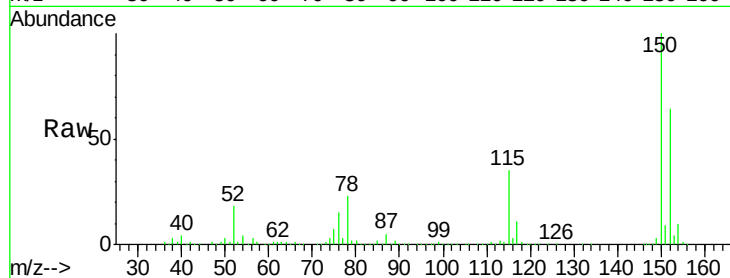
Tot Ion:152 Resp: 227887

Ion Ratio Lower Upper

152 100

115 54.1 40.1 120.2

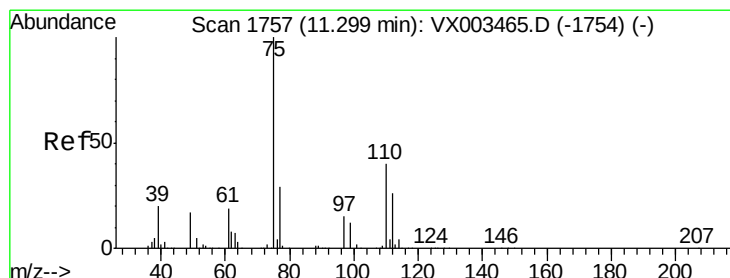
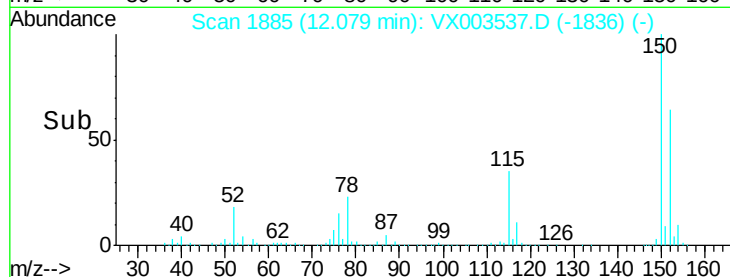
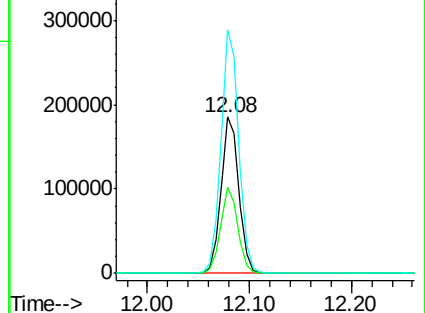
150 155.8 0.0 347.2



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: 24.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003537.D

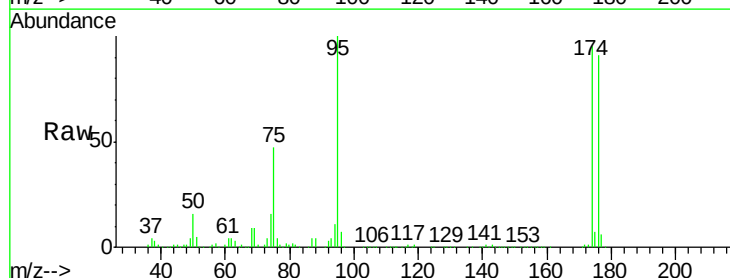
Acq: 21 Jul 2018 04:28

Tgt Ion: 75 Resp: 100952

Ion Ratio Lower Upper

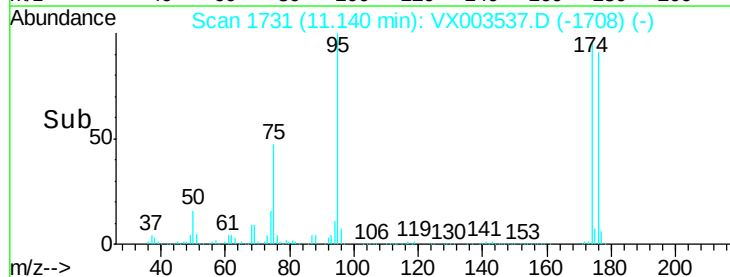
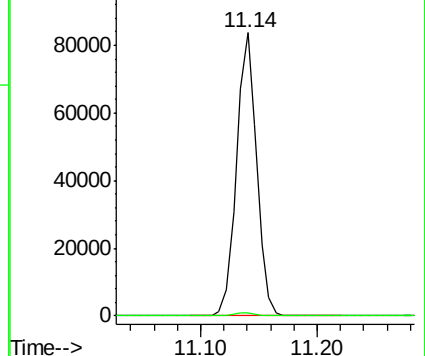
75 100

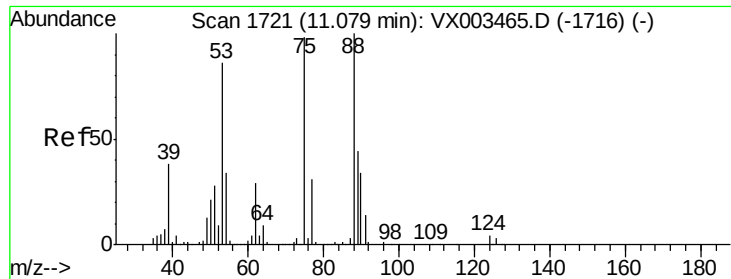
77 1.3 22.8 68.3#



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: 69.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

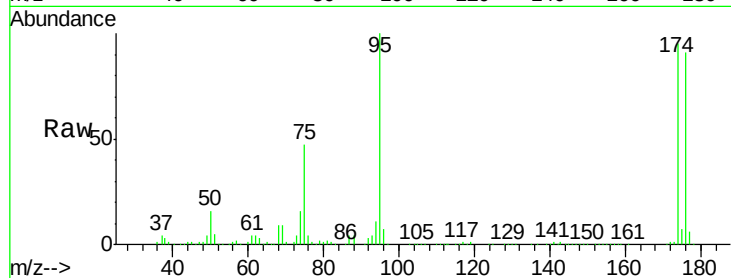
Tot Ion: 75 Resp: 100952

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#



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

