

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
 Data File : VX003548.D
 Acq On : 21 Jul 2018 12:10
 Operator : JC/SP
 Sample : VX0721MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

Quant Time: Jul 23 04:14:03 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	0.00	168	0	0.00	ug/l	-5.67
34) 1,4-Difluorobenzene	6.60	114	1119	50.00	ug/l	-0.27
63) Chlorobenzene-d5	9.95	117	376216	50.00	ug/l	-0.17
72) 1,4-Dichlorobenzene-d4	12.04	152	234347	50.00	ug/l	-0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.11	65	1409	0.00	ug/l	0.04
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	8.30	98	587279	18332.29	ug/l	-0.42
Spiked Amount	50.000		Recovery	=	36664.58%	
62) 4-Bromofluorobenzene	10.75	95	95	8.13	ug/l	-0.39
Spiked Amount	50.000		Recovery	=	16.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	5.57	75	21637	1790.920	ug/l #	42
37) Ethyl Acetate	4.63	43	6006	525.347	ug/l #	70
39) Methylcyclohexane	7.21	83	80933	5655.954	ug/l #	16
41) Methacrylonitrile	4.95	41	23256	3461.178	ug/l #	52
42) 1,2-Dichloroethane	6.11	62	10655	927.092	ug/l #	70
45) 1,2-Dichloropropane	7.21	63	257	27.747	ug/l #	44
46) Dibromomethane	7.21	93	2528	423.950	ug/l #	1
48) Methyl methacrylate	7.63	41	15796	1722.376	ug/l #	38
49) 1,4-Dioxane	7.21	88	137	659.296	ug/l #	1
51) 4-Methyl-2-Pentanone	8.24	43	408570	35561.798	ug/l	92
52) Toluene	8.39	92	169780	7394.378	ug/l	99
53) t-1,3-Dichloropropene	7.95	75	98647	7341.836	ug/l	98
54) cis-1,3-Dichloropropene	8.73	75	88448	7319.926	ug/l #	88
55) 1,1,2-Trichloroethane	8.93	97	67332	7369.542	ug/l	97
56) Ethyl methacrylate	8.91	69	89485	6953.591	ug/l #	81
57) 1,3-Dichloropropane	9.10	76	109148	7390.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.81	63	221788	35443.556	ug/l	98
59) 2-Hexanone	9.27	43	300686	35323.162	ug/l	88
60) Dibromochloromethane	9.35	129	67234	7434.516	ug/l	99
61) 1,2-Dibromoethane	9.44	107	69600	7348.506	ug/l	100
65) Chlorobenzene	9.97	112	195234	20.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	68155	20.436	ug/l	99
67) Ethyl Benzene	10.23	91	497758	31.938	ug/l #	65
68) m/p-Xylenes	10.23	106	250397	40.981	ug/l	96
69) o-Xylenes	10.59	106	119525	20.229	ug/l	95
70) Styrene	10.61	104	199015	20.477	ug/l	96
71) Bromoform	10.76	173	51697	19.951	ug/l	100
73) Isopropylbenzene	10.94	105	325504	20.084	ug/l	100
74) N-amyl acetate	6.48	43	5753	0.836	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.21	83	90425	19.039	ug/l	99
76) 1,2,3-Trichloropropane	11.23	75	103659	24.622	ug/l	82
77) Bromobenzene	11.18	156	90946	19.510	ug/l	95
78) n-propylbenzene	11.30	91	358897	19.921	ug/l	97
79) 2-Chlorotoluene	11.45	91	254738	23.292	ug/l	95

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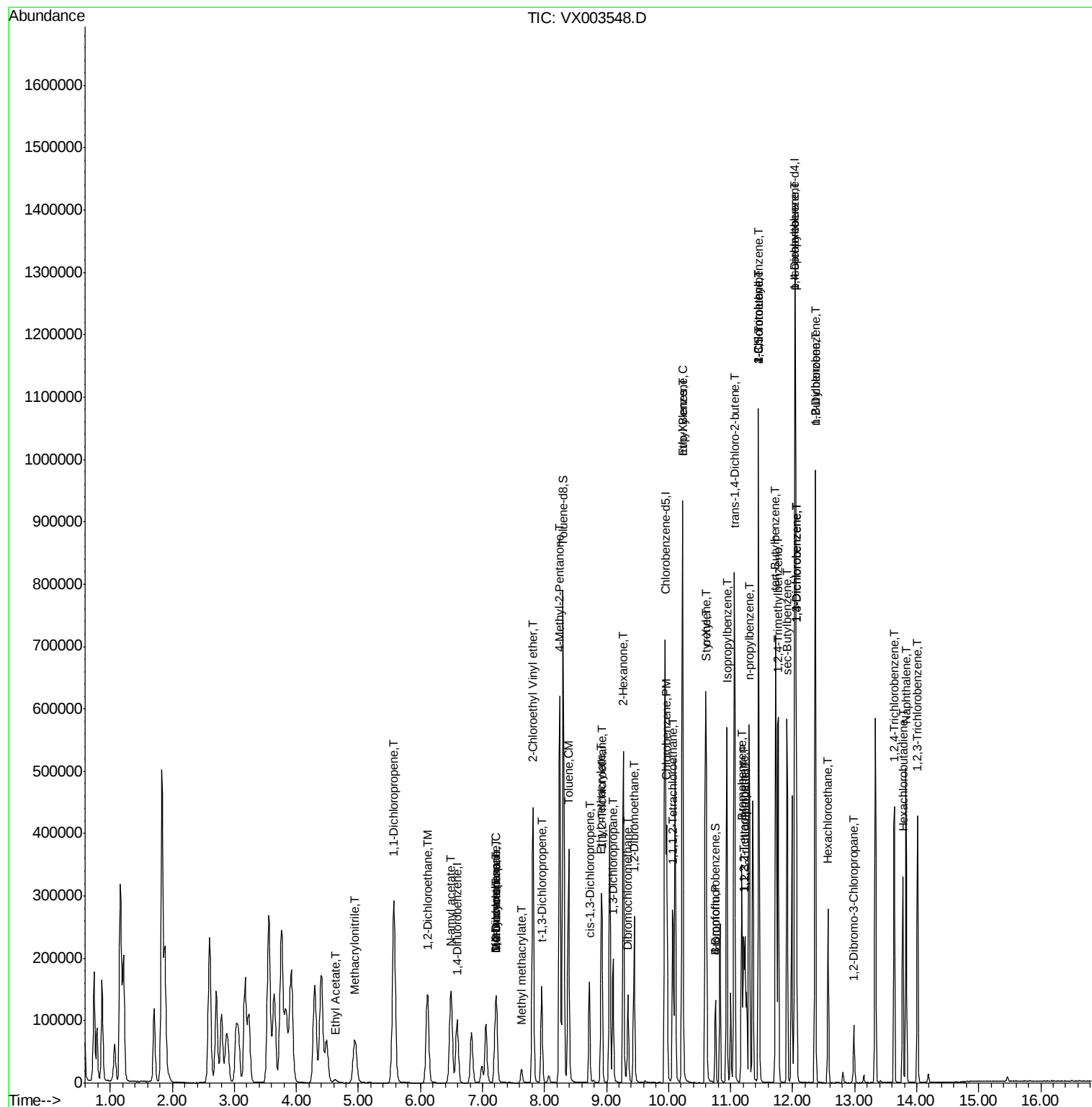
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.45	105	273537	20.536	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	97280	64.887	ug/l #	6
82) 4-Chlorotoluene	11.45	91	254738	19.878	ug/l	98
83) tert-Butylbenzene	11.73	119	252150	19.330	ug/l	96
84) 1,2,4-Trimethylbenzene	11.77	105	278829	20.573	ug/l	98
85) sec-Butylbenzene	11.91	105	318455	20.100	ug/l	99
86) p-Isopropyltoluene	12.03	119	291247	20.483	ug/l	98
87) 1,3-Dichlorobenzene	12.06	146	167674	19.568	ug/l	98
88) 1,4-Dichlorobenzene	12.06	146	167674	18.996	ug/l	99
89) n-Butylbenzene	12.37	91	238458	19.750	ug/l	99
90) Hexachloroethane	12.57	117	36819	18.215	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	165107	19.550	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16768	18.142	ug/l	86
93) 1,2,4-Trichlorobenzene	13.64	180	121229	19.586	ug/l	99
94) Hexachlorobutadiene	13.78	225	58059	19.505	ug/l	99
95) Naphthalene	13.83	128	319875	19.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	119594	19.519	ug/l	99

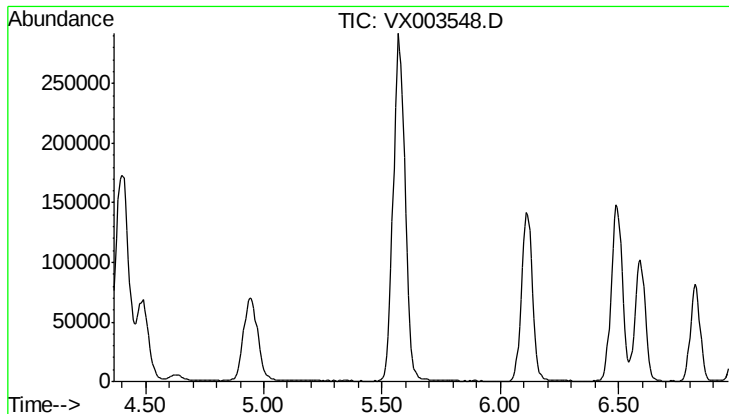
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.67 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Tgt Ion: 168

Sig Exp Ratio

168 100

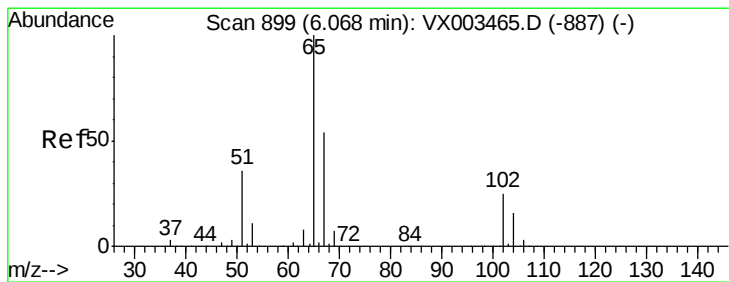
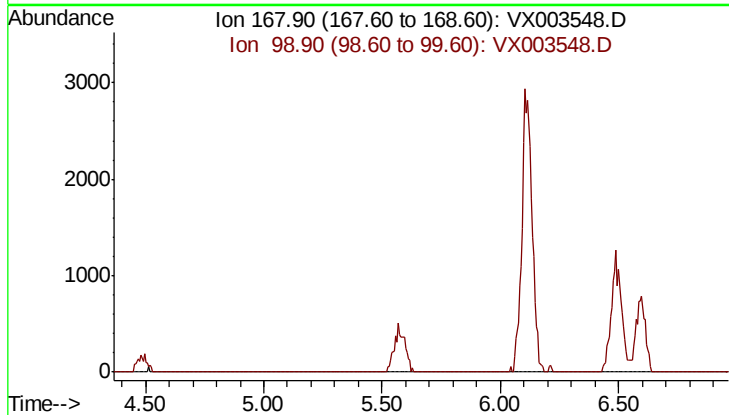
99 49.1

Instrument :

MSVOA_X

ClientSampleId :

VX0721MBS01



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 6.11 min Scan# 906

Delta R.T. 0.04 min

Lab File: VX003548.D

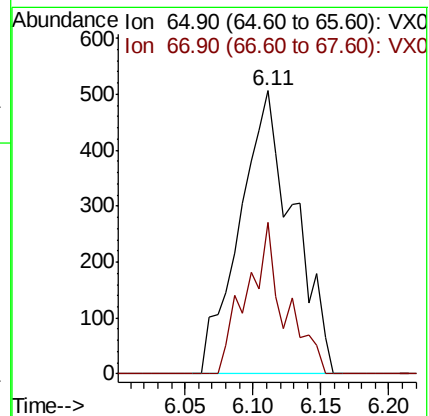
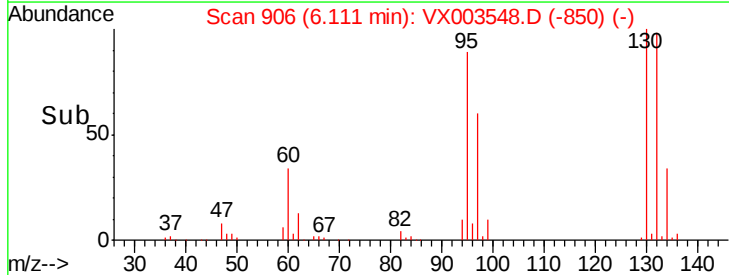
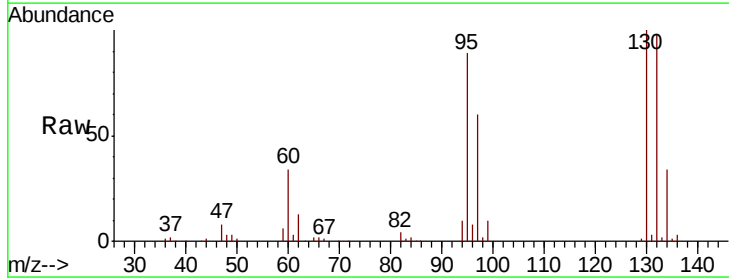
Acq: 21 Jul 2018 12:10

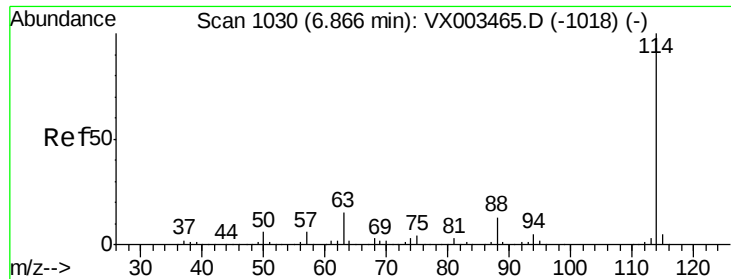
Tgt Ion: 65 Resp: 1409

Ion Ratio Lower Upper

65 100

67 37.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.60 min Scan# 986

Delta R.T. -0.27 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0721MBS01

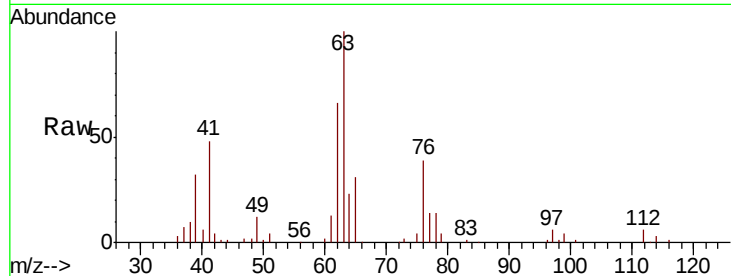
Tgt Ion:114 Resp: 1119

Ion Ratio Lower Upper

114 100

63 3008.0 0.0 41.4#

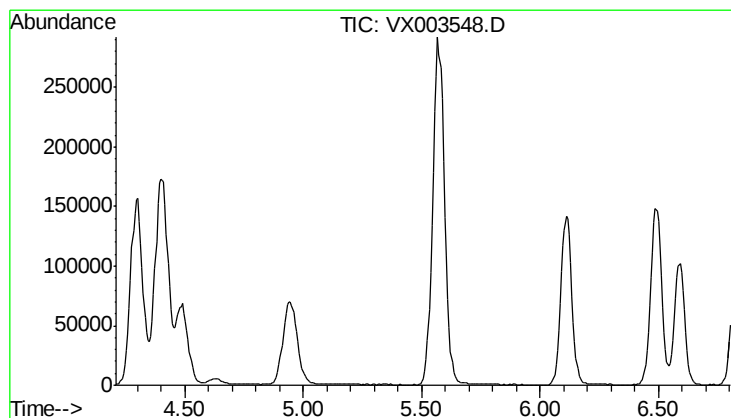
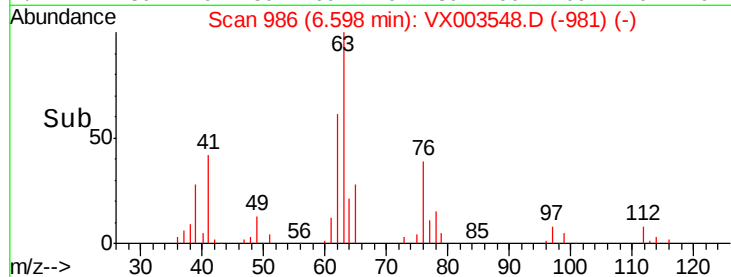
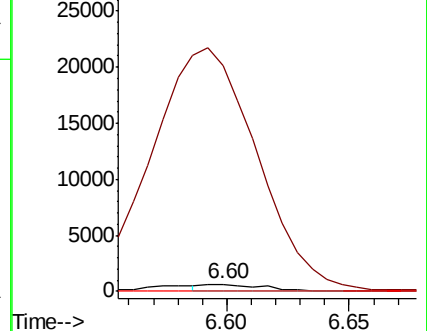
88 0.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.51 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

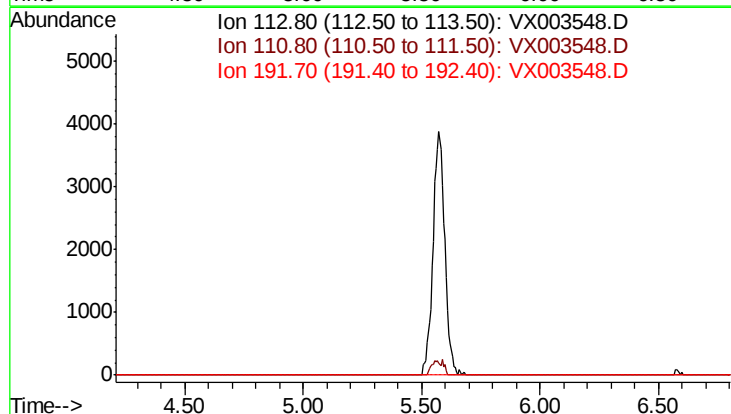
Tgt Ion: 113

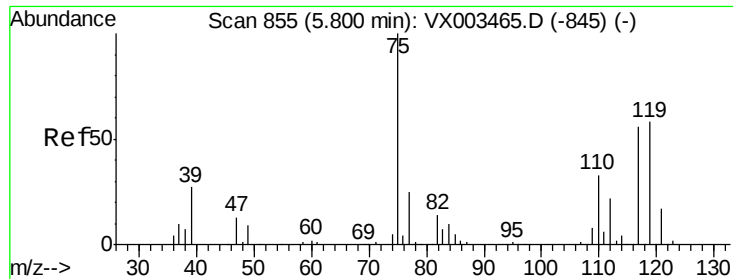
Sig Exp Ratio

113 100

111 101.7

192 23.9

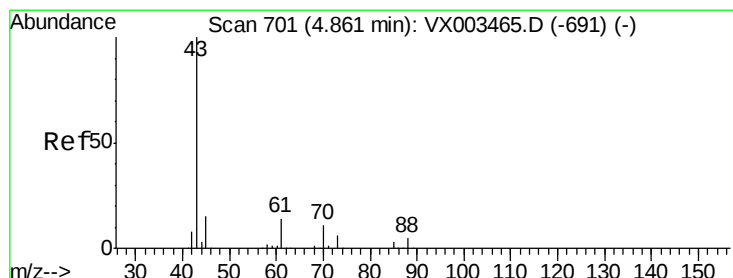
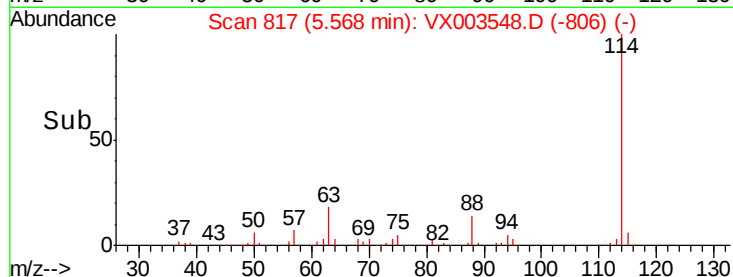
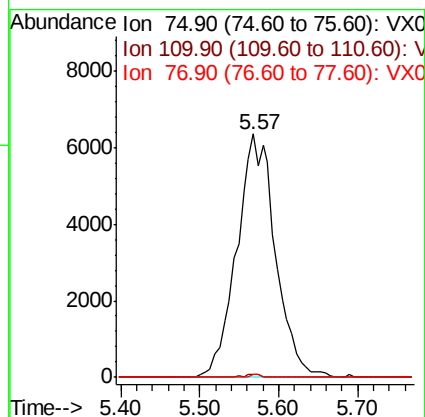
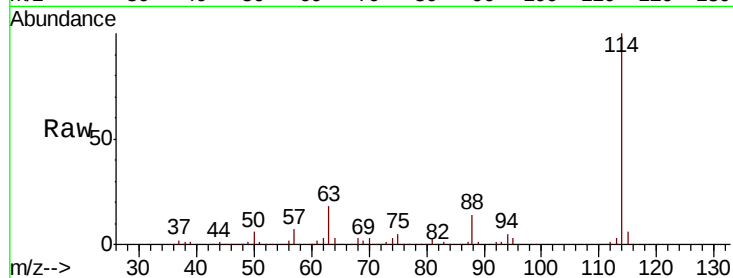




#36
 1,1-Dichloropropene
 Concen: 1790.920 ug/l
 RT: 5.57 min Scan# 817
 Delta R.T. -0.23 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

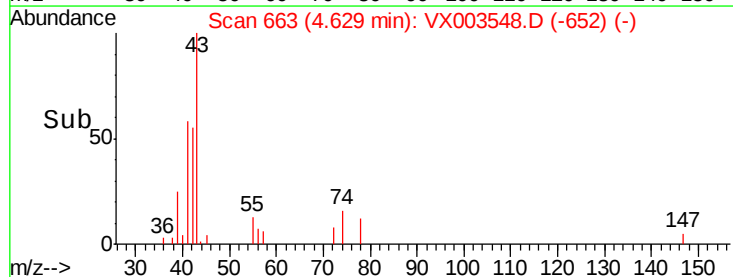
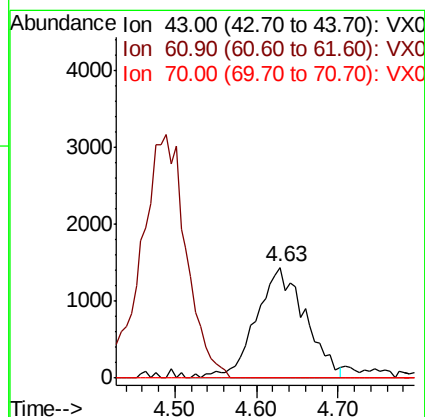
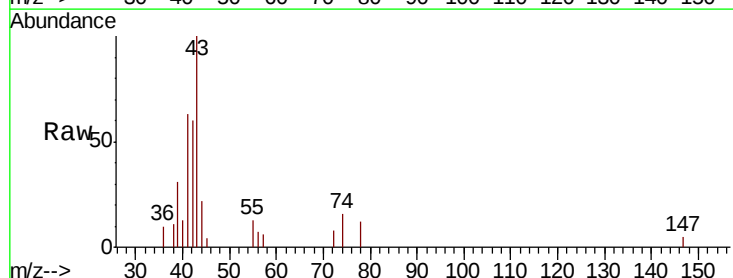
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

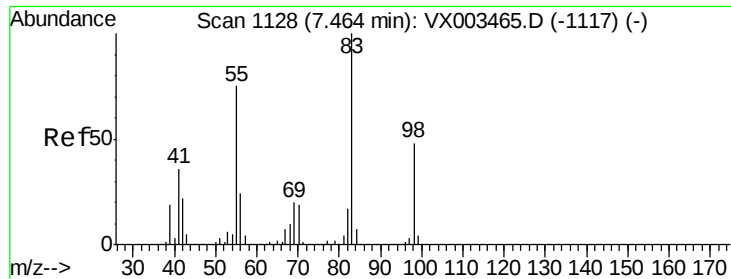
Tgt Ion: 75 Resp: 21637
 Ion Ratio Lower Upper
 75 100
 110 0.4 18.1 54.4#
 77 0.2 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 525.347 ug/l
 RT: 4.63 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion: 43 Resp: 6006
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.0 7.6 11.4#

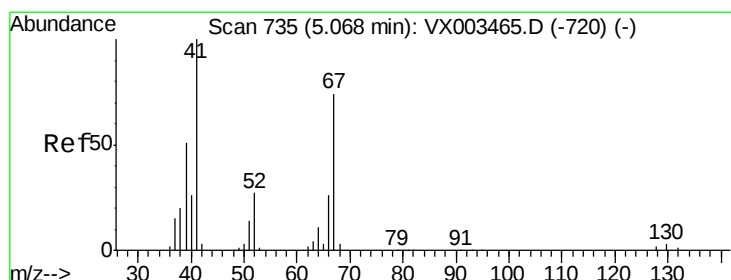
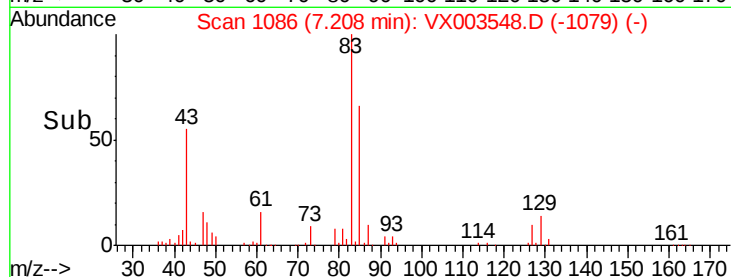
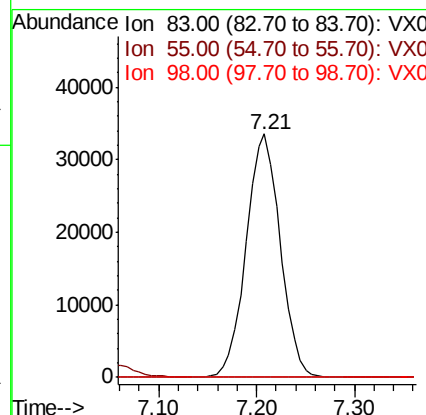
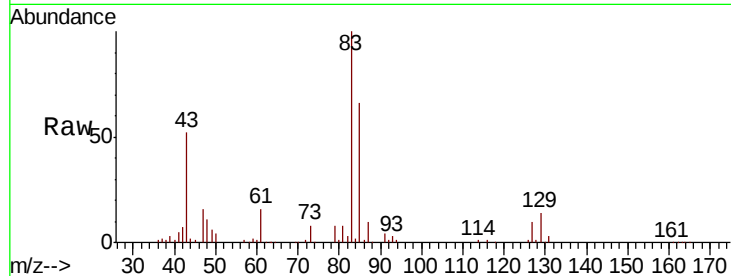




#39
Methylcyclohexane
Concen: 5655.954 ug/l
RT: 7.21 min Scan# 1086
Delta R.T. -0.26 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

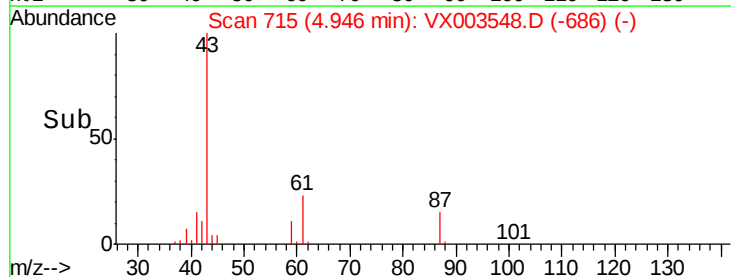
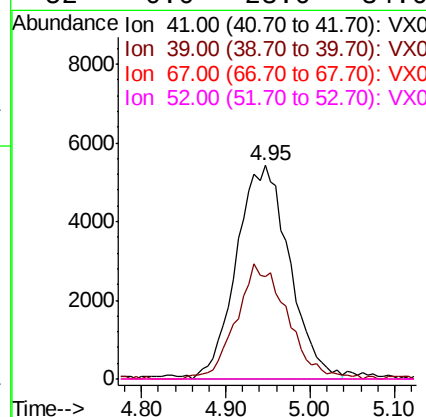
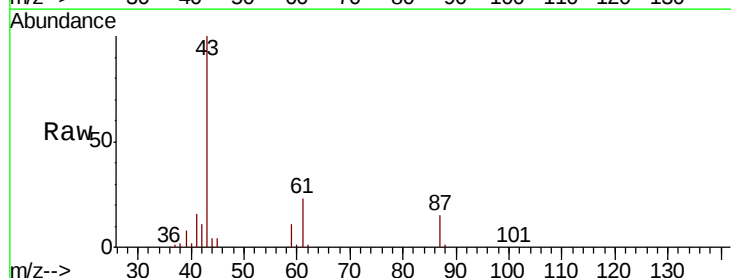
Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

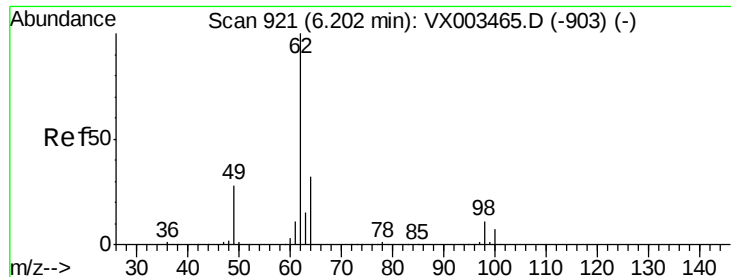
Tgt Ion: 83 Resp: 80933
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 37.4 56.0#



#41
Methacrylonitrile
Concen: 3461.178 ug/l
RT: 4.95 min Scan# 715
Delta R.T. -0.12 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion: 41 Resp: 23256
Ion Ratio Lower Upper
41 100
39 51.8 45.8 68.6
67 0.0 51.3 76.9#
52 0.0 23.0 34.6#





#42

1,2-Dichloroethane

Concen: 927.092 ug/l

RT: 6.11 min Scan# 906

Delta R.T. -0.09 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

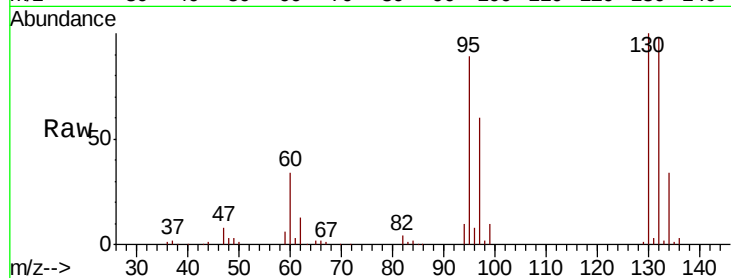
VX0721MBS01

Tgt Ion: 62 Resp: 10655

Ion Ratio Lower Upper

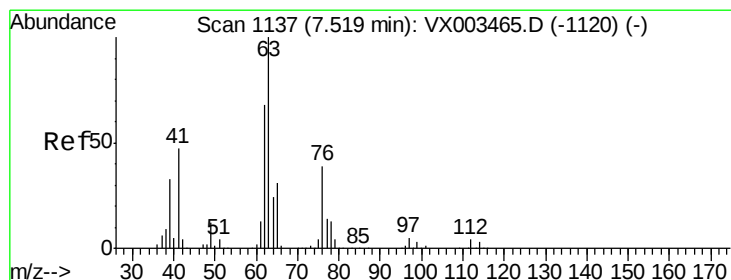
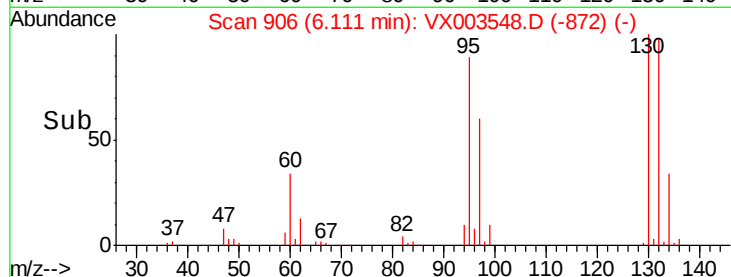
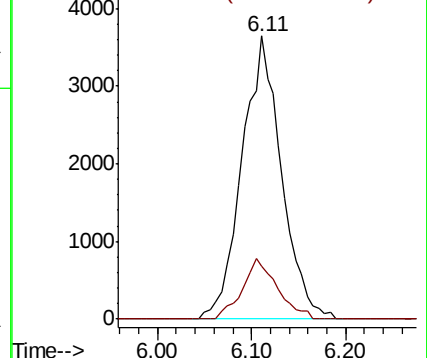
62 100

98 18.9 0.0 16.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#45

1,2-Dichloropropane

Concen: 27.747 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.30 min

Lab File: VX003548.D

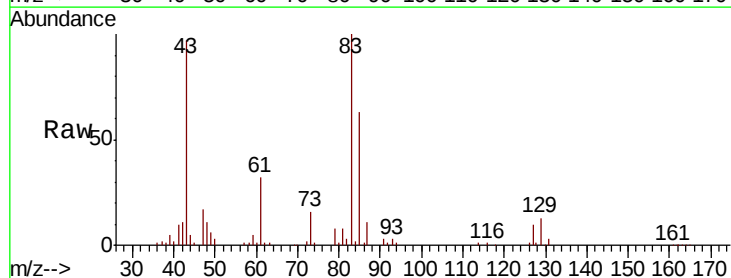
Acq: 21 Jul 2018 12:10

Tgt Ion: 63 Resp: 257

Ion Ratio Lower Upper

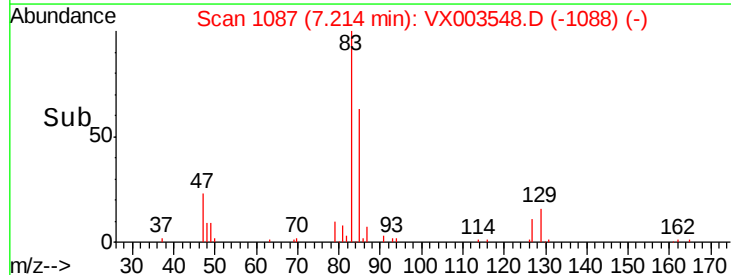
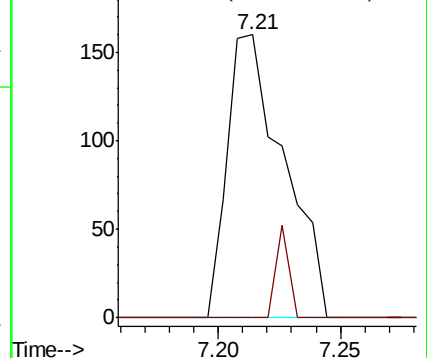
63 100

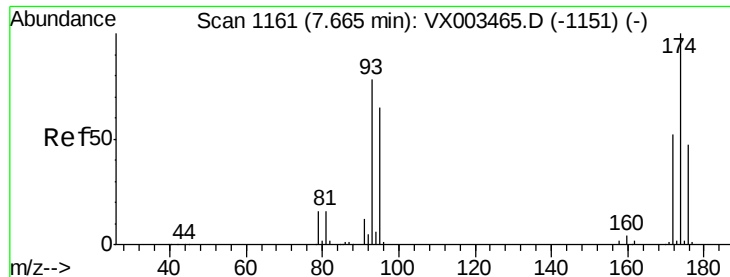
65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 423.950 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.46 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

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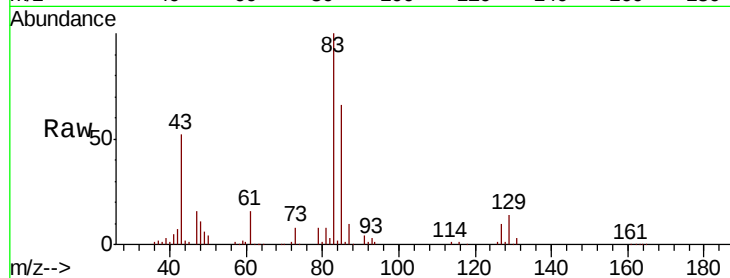
Tgt Ion: 93 Resp: 2528

Ion Ratio Lower Upper

93 100

95 0.0 65.9 98.9#

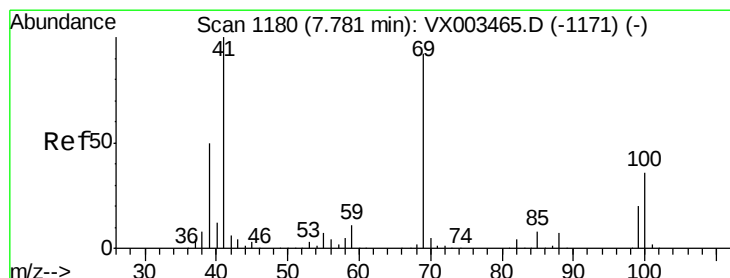
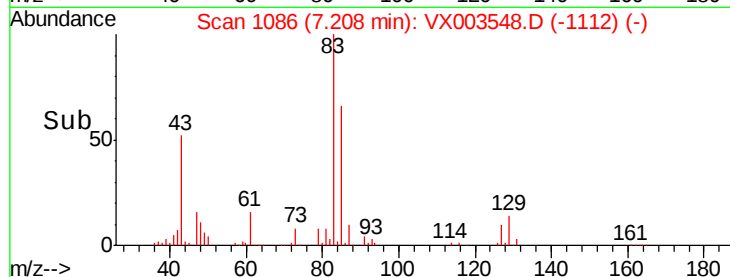
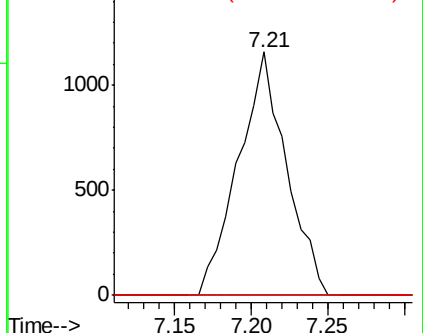
174 0.0 92.4 138.6#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#48

Methyl methacrylate

Concen: 1722.376 ug/l

RT: 7.63 min Scan# 1156

Delta R.T. -0.15 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

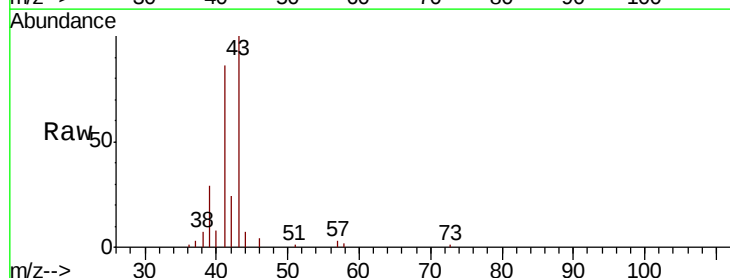
Tgt Ion: 41 Resp: 15796

Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

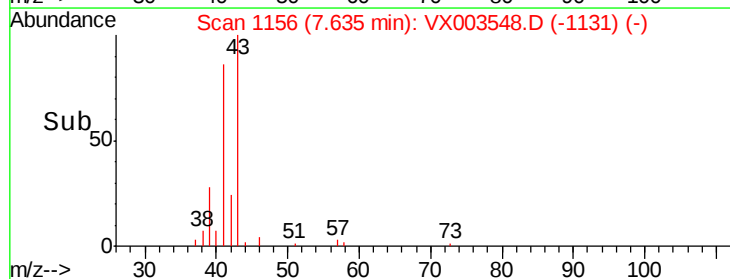
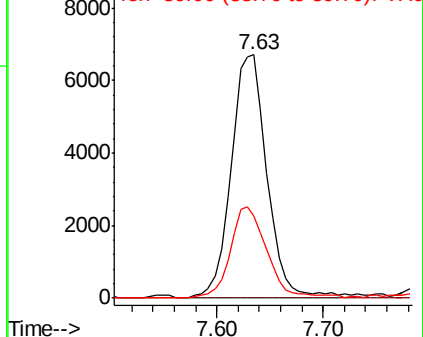
39 38.1 48.9 73.3#

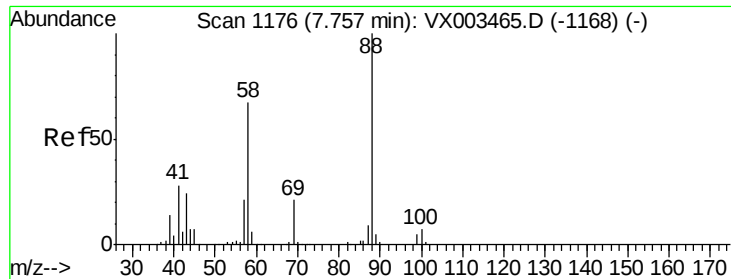


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

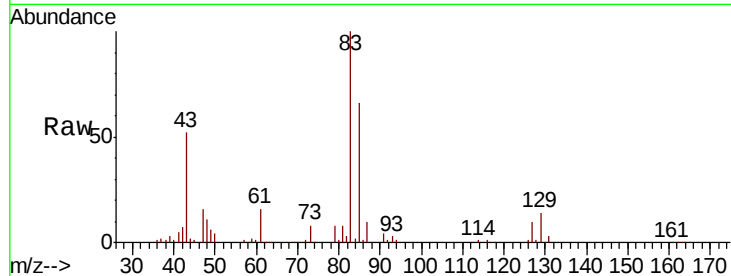




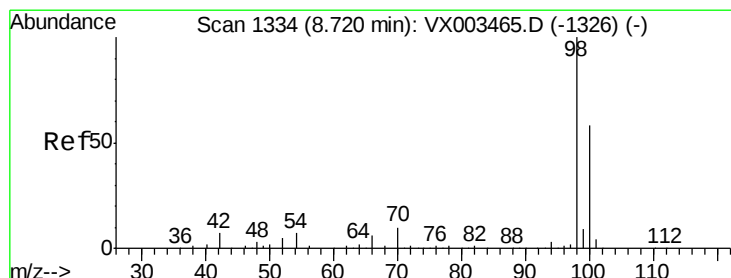
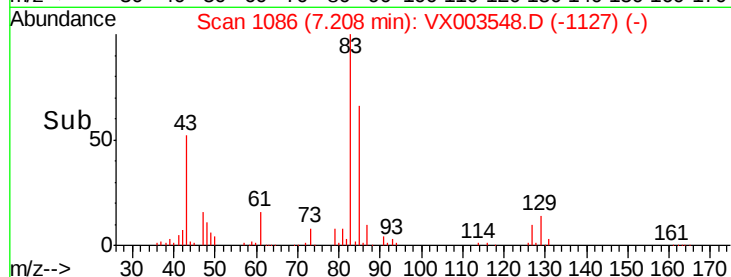
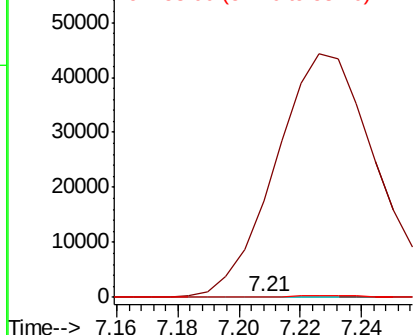
#49
 1,4-Dioxane
 Concen: 659.296 ug/l
 RT: 7.21 min Scan# 1086
 Delta R.T. -0.55 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

Tgt Ion: 88 Resp: 137
 Ion Ratio Lower Upper
 88 100
 43 75805.8 29.8 44.6#
 58 516.8 57.1 85.7#

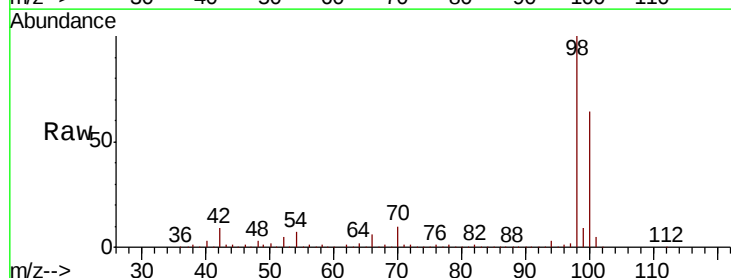


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

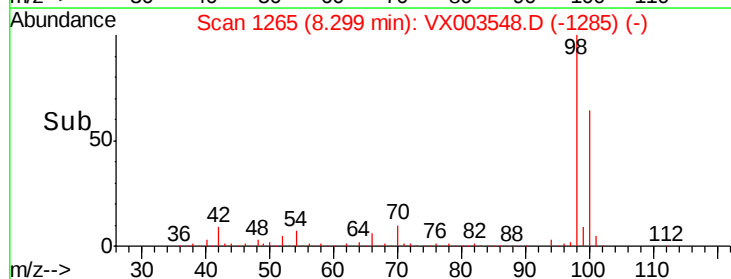
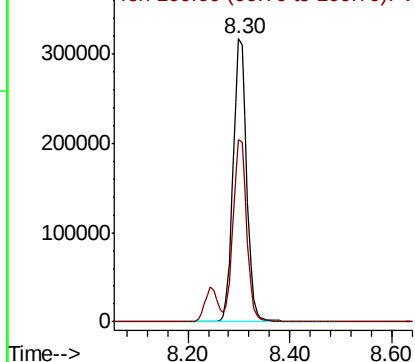


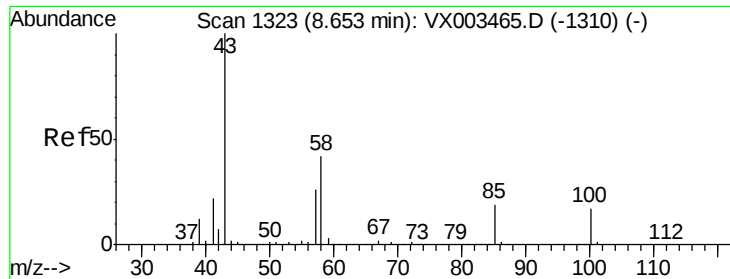
#50
 Toluene-d8
 Concen: 18332.294 ug/l
 RT: 8.30 min Scan# 1265
 Delta R.T. -0.42 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion: 98 Resp: 587279
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

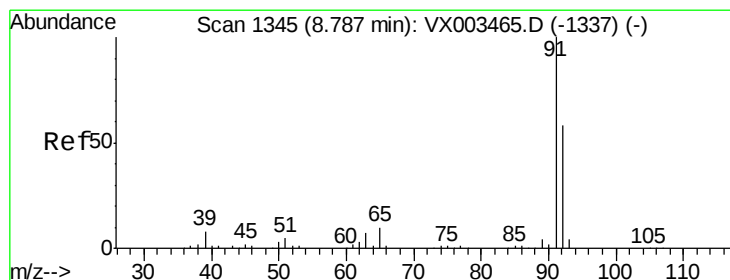
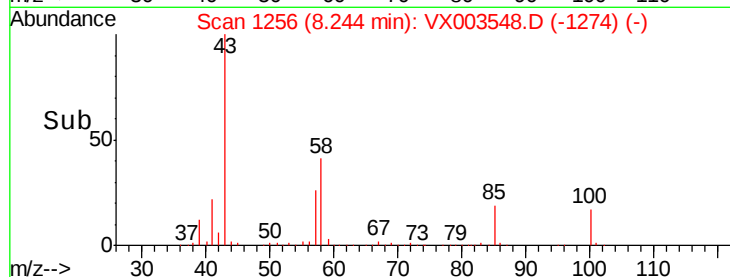
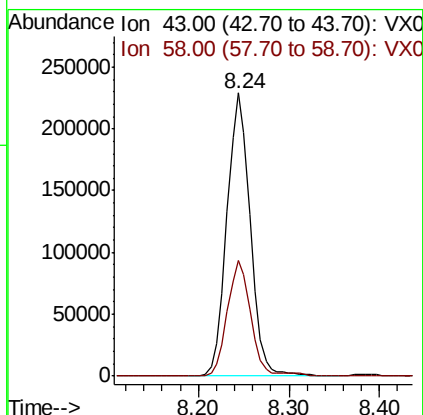
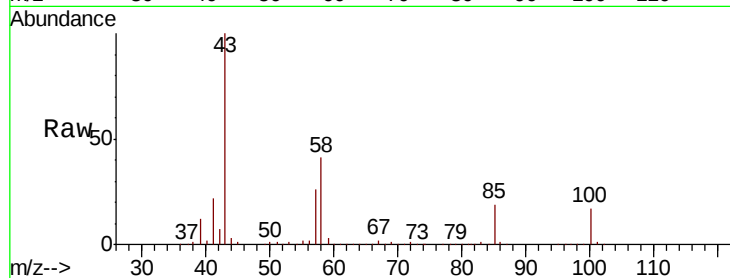




#51
4-Methyl-2-Pentanone
Concen: 35561.798 ug/l
RT: 8.24 min Scan# 1256
Delta R.T. -0.41 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

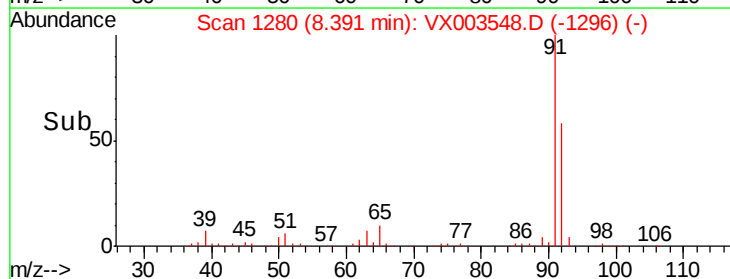
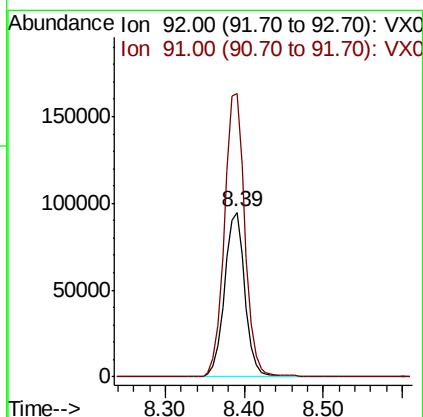
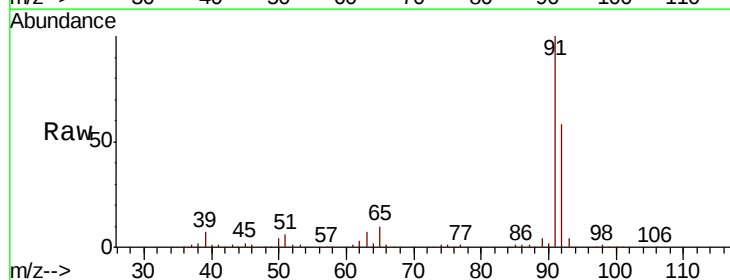
Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

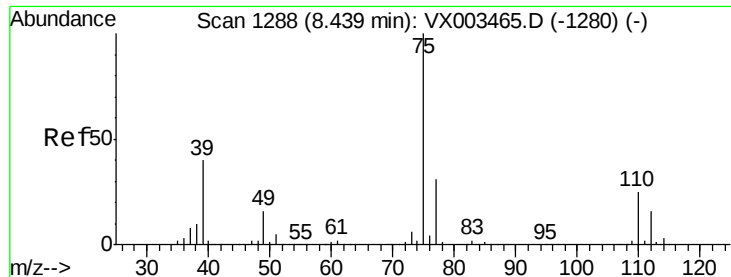
Tgt Ion: 43 Resp: 408570
Ion Ratio Lower Upper
43 100
58 40.3 28.6 42.8



#52
Toluene
Concen: 7394.378 ug/l
RT: 8.39 min Scan# 1280
Delta R.T. -0.40 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion: 92 Resp: 169780
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 7341.836 ug/l

RT: 7.95 min Scan# 1208

Delta R.T. -0.49 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

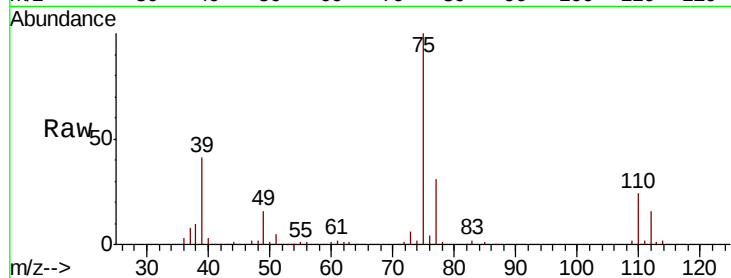
VX0721MBS01

Tgt Ion: 75 Resp: 98647

Ion Ratio Lower Upper

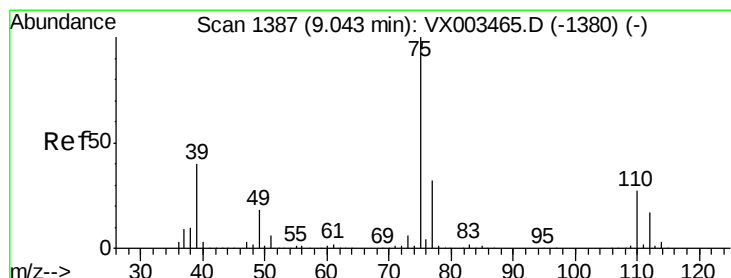
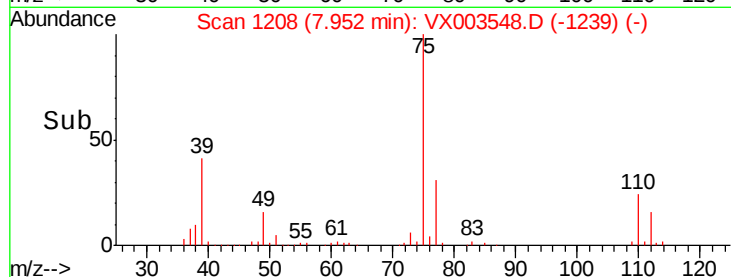
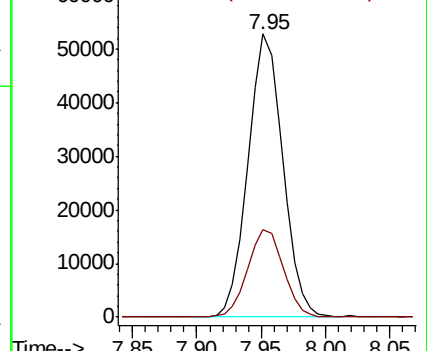
75 100

77 30.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 7319.926 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.32 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

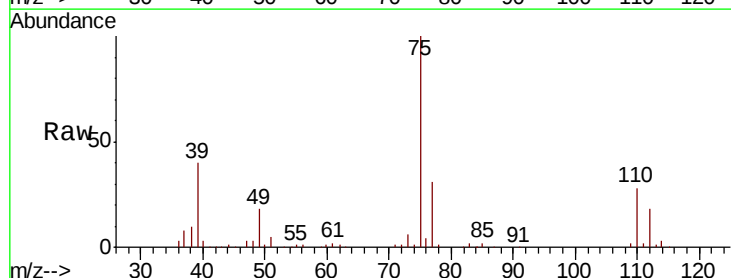
Tgt Ion: 75 Resp: 88448

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

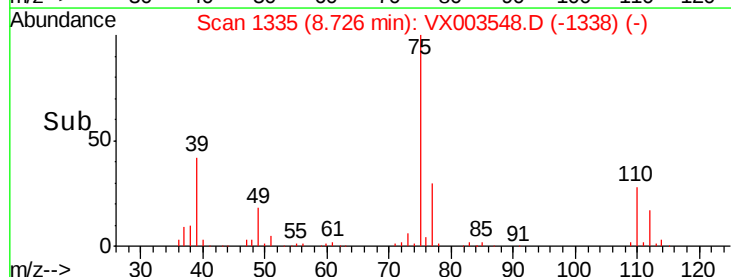
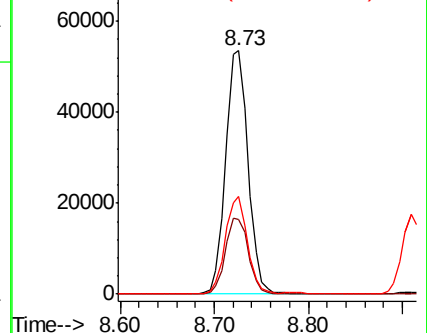
39 40.2 42.4 63.6#

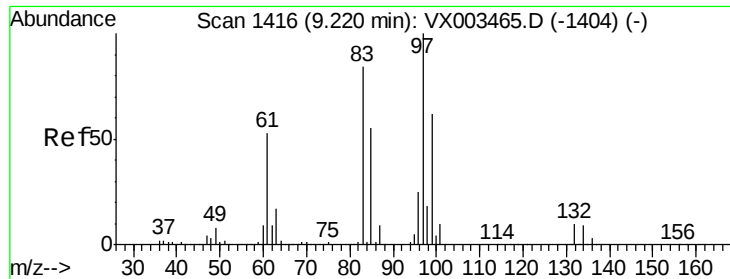


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

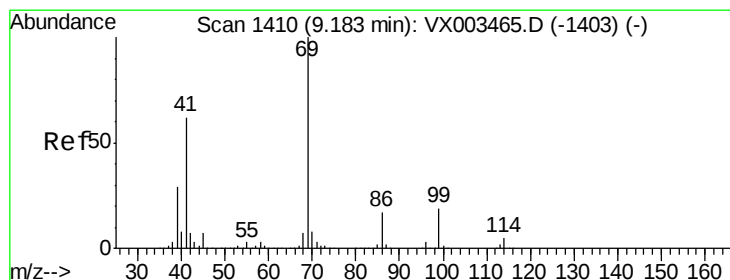
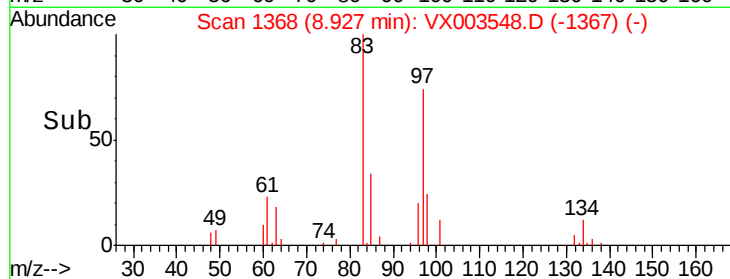
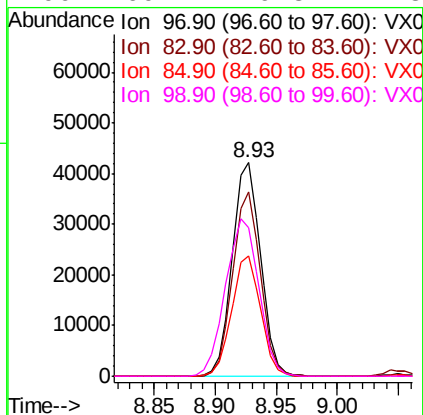
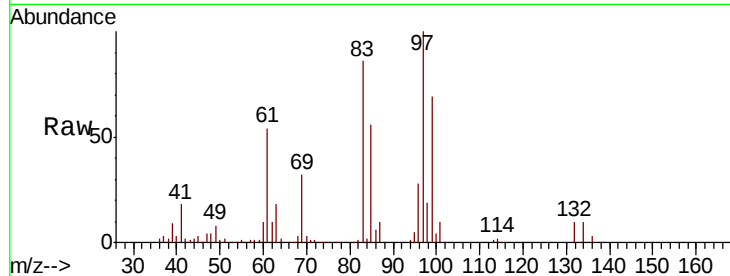




#55
 1,1,2-Trichloroethane
 Concen: 7369.542 ug/l
 RT: 8.93 min Scan# 1368
 Delta R.T. -0.29 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

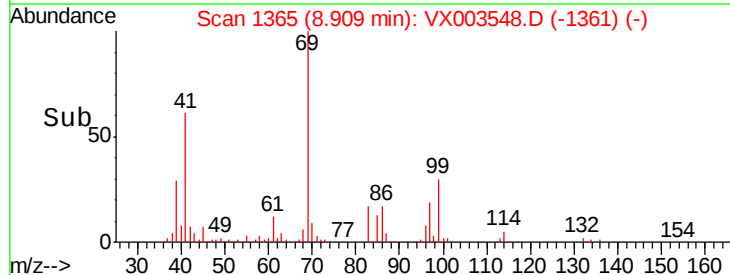
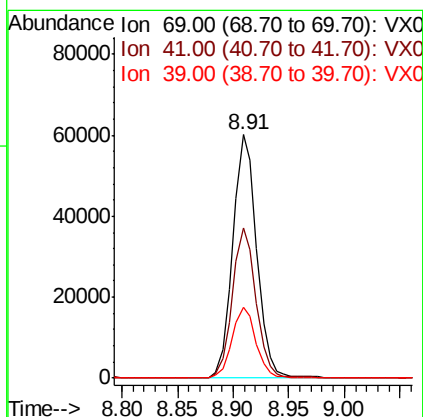
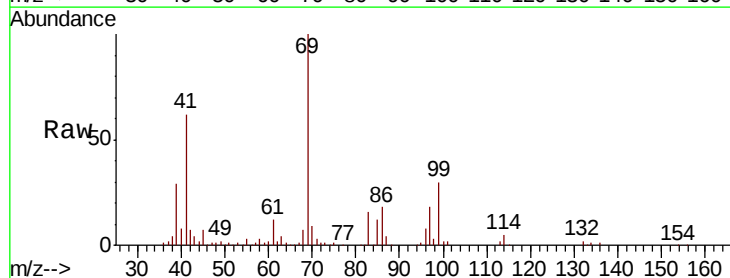
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

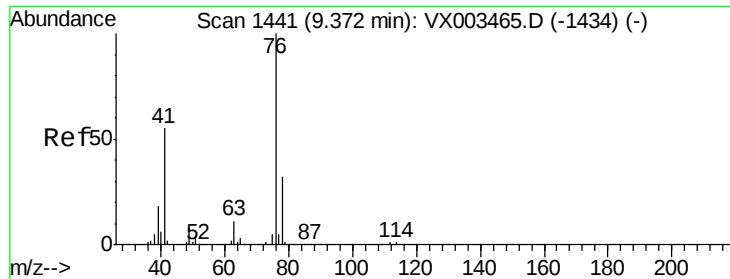
Tgt Ion:	97	Resp:	67332
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	56.2	44.9	67.3
99	69.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 6953.591 ug/l
 RT: 8.91 min Scan# 1365
 Delta R.T. -0.27 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion:	69	Resp:	89485
Ion	Ratio	Lower	Upper
69	100		
41	61.3	60.3	90.5
39	29.2	35.8	53.8#

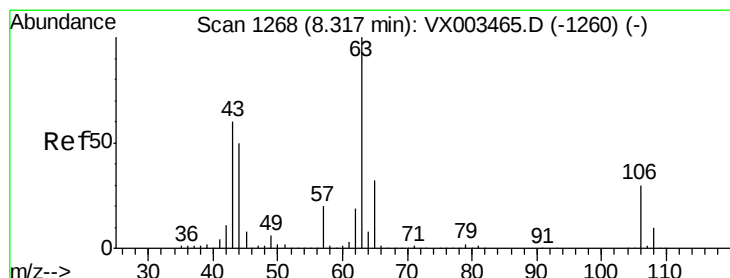
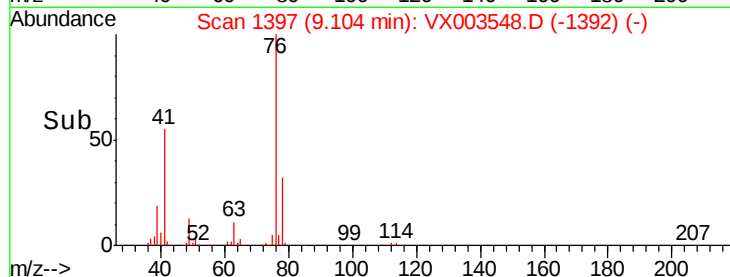
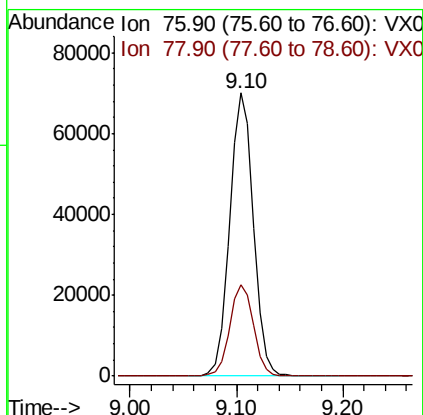
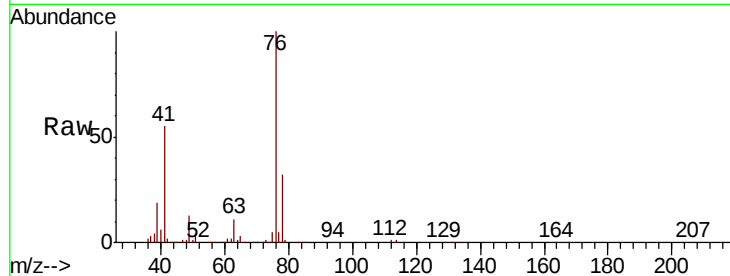




#57
 1,3-Dichloropropane
 Concen: 7390.453 ug/l
 RT: 9.10 min Scan# 1397
 Delta R.T. -0.27 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

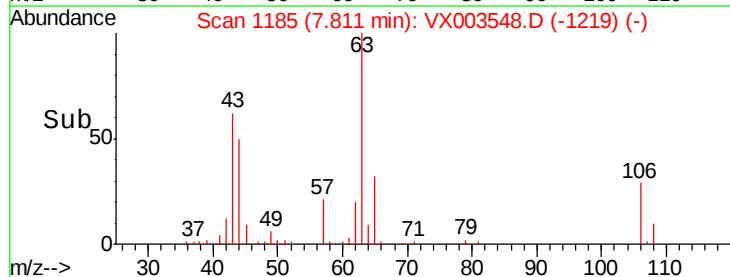
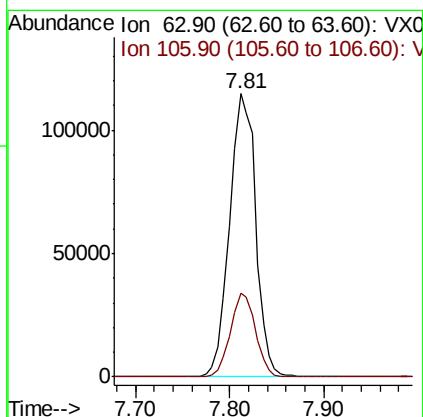
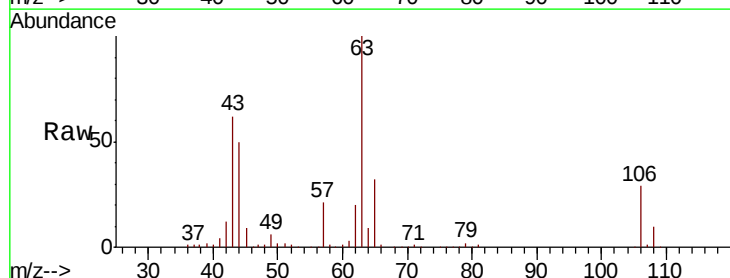
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

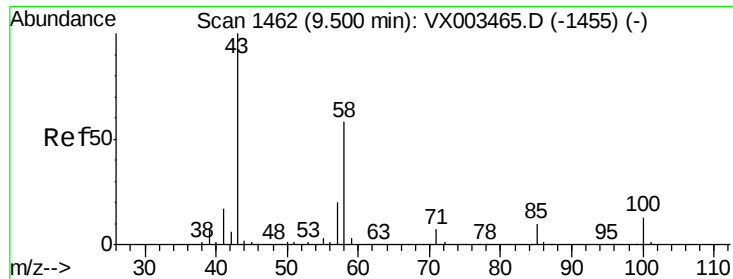
Tgt Ion: 76 Resp: 109148
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 35443.556 ug/l
 RT: 7.81 min Scan# 1185
 Delta R.T. -0.51 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion: 63 Resp: 221788
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

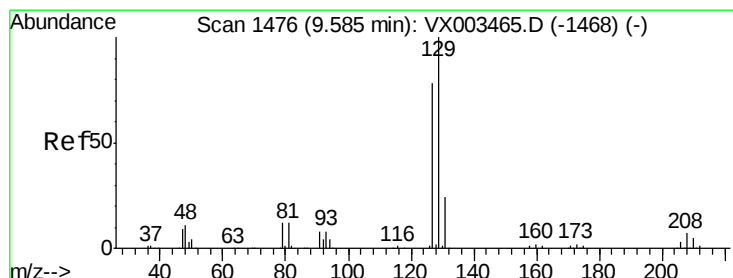
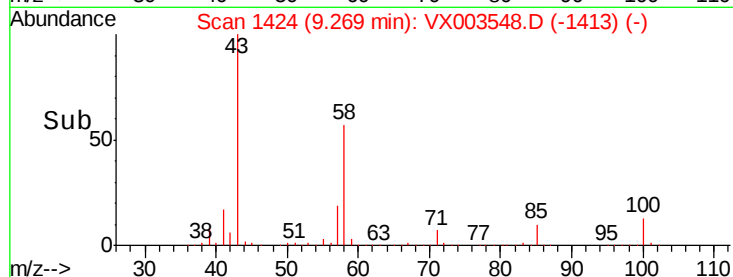
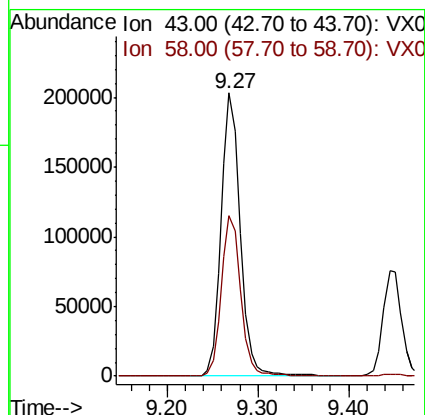
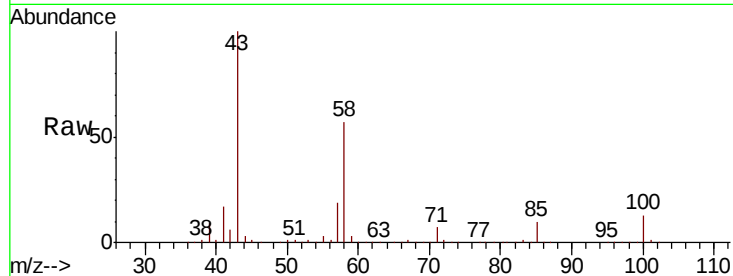




#59
2-Hexanone
Concen: 35323.162 ug/l
RT: 9.27 min Scan# 1424
Delta R.T. -0.23 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

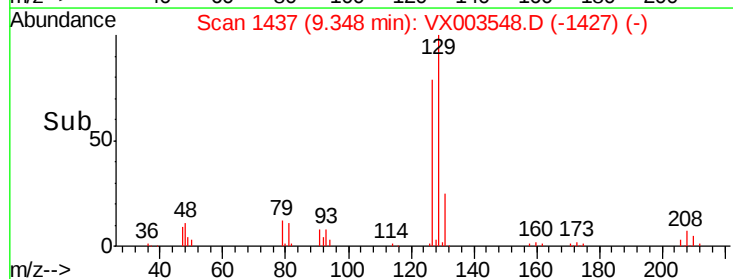
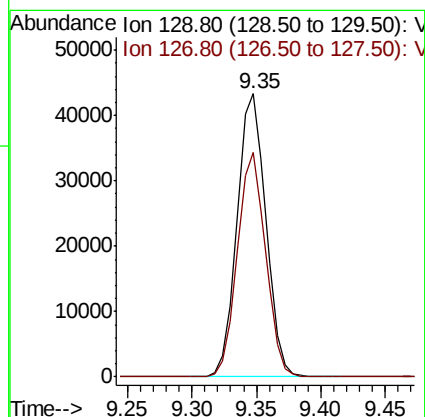
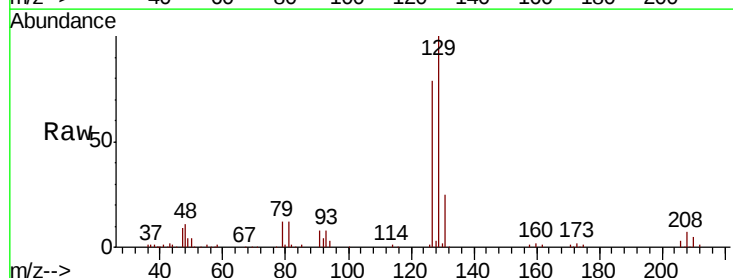
Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

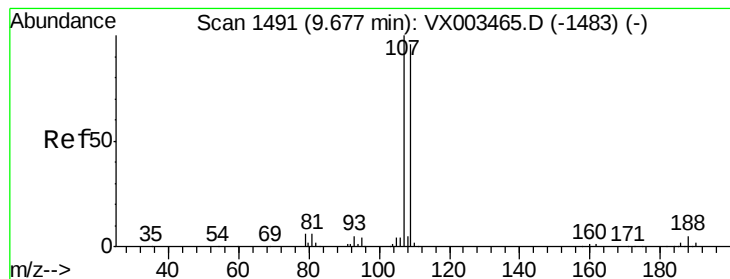
Tgt Ion: 43 Resp: 300686
Ion Ratio Lower Upper
43 100
58 57.4 24.6 73.6



#60
Dibromochloromethane
Concen: 7434.516 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion: 129 Resp: 67234
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 7348.506 ug/l

RT: 9.44 min Scan# 1452

Delta R.T. -0.24 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

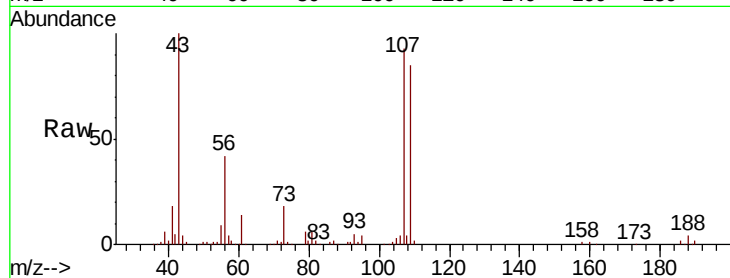
VX0721MBS01

Tgt Ion: 107 Resp: 69600

Ion Ratio Lower Upper

107 100

109 94.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.44

50000

40000

30000

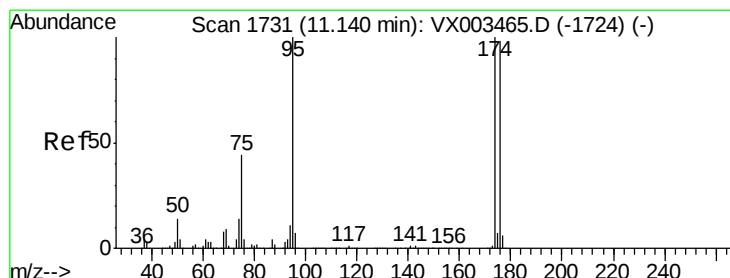
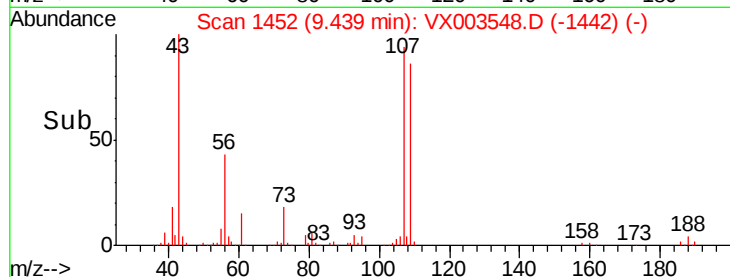
20000

10000

0

Time-->

9.35 9.40 9.45 9.50 9.55



#62

4-Bromofluorobenzene

Concen: 8.126 ug/l

RT: 10.75 min Scan# 1667

Delta R.T. -0.39 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

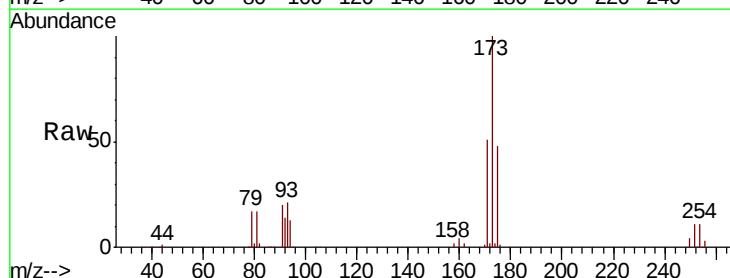
Tgt Ion: 95 Resp: 95

Ion Ratio Lower Upper

95 100

174 1091.6 0.0 187.4#

176 310.5 0.0 181.0#



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

800

600

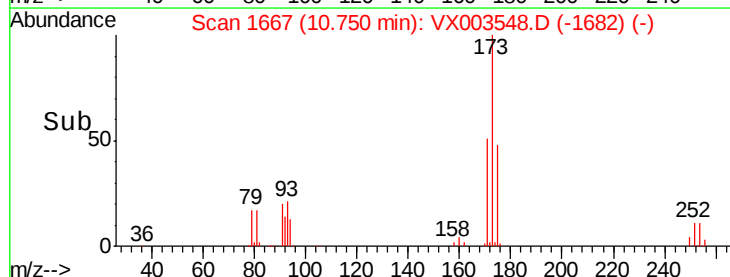
400

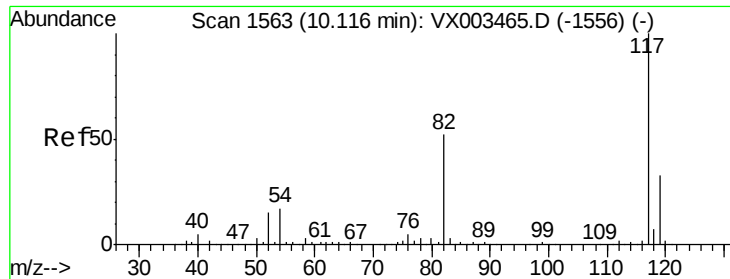
200

0

Time-->

10.72 10.74 10.76 10.78

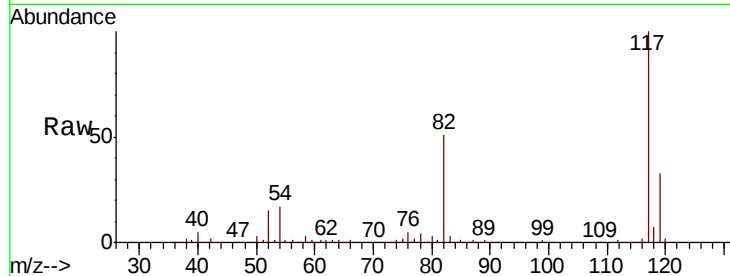




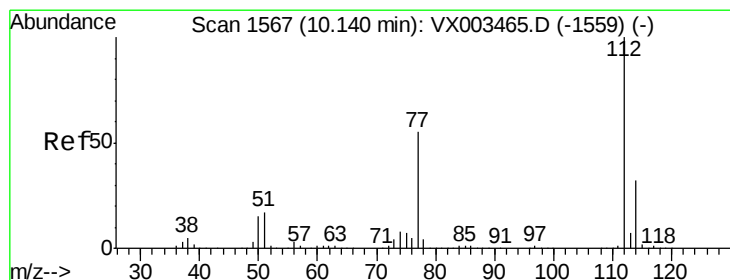
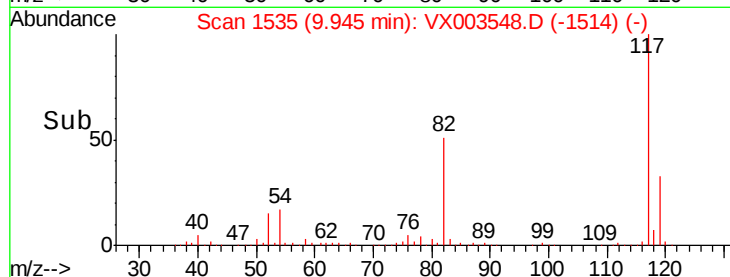
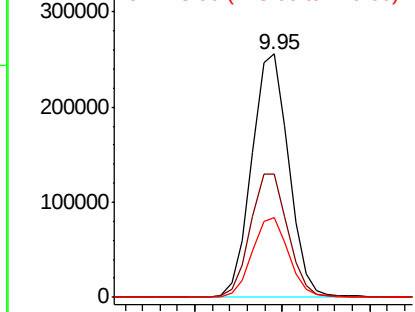
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.95 min Scan# 1535
Delta R.T. -0.17 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

Tgt Ion:117 Resp: 376216
Ion Ratio Lower Upper
117 100
82 50.6 45.0 67.4
119 32.6 25.8 38.6

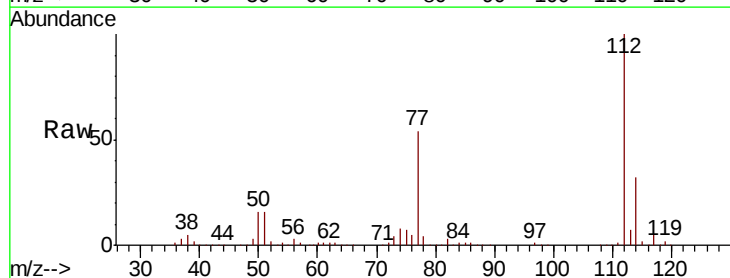


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

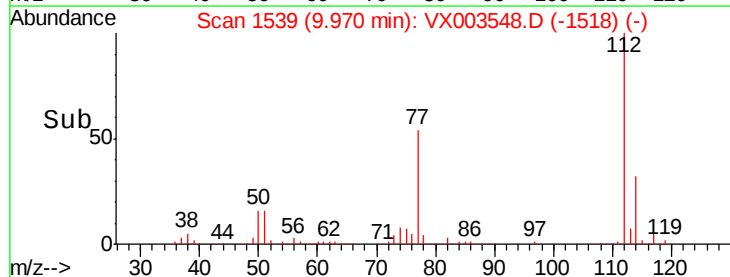
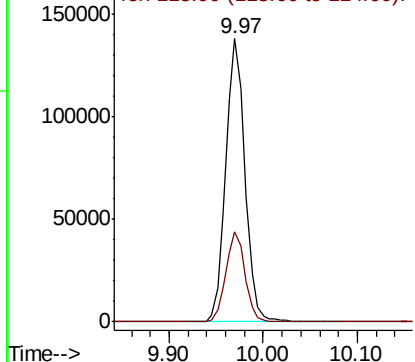


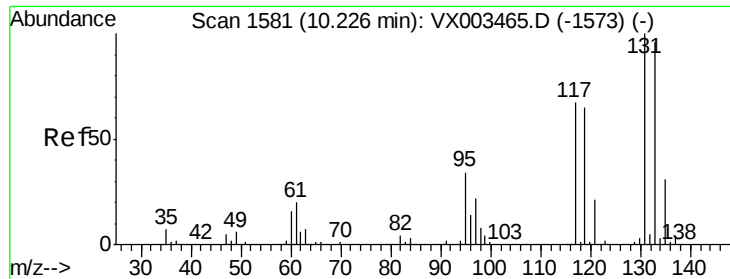
#65
Chlorobenzene
Concen: 20.141 ug/l
RT: 9.97 min Scan# 1539
Delta R.T. -0.17 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion:112 Resp: 195234
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

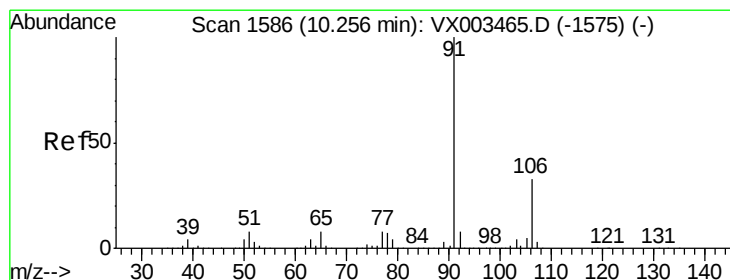
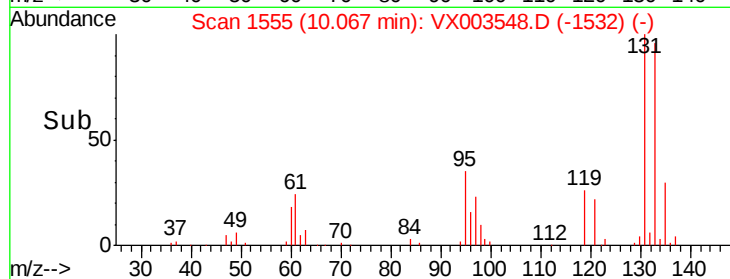
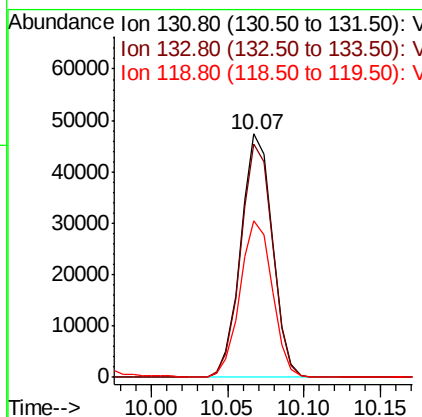
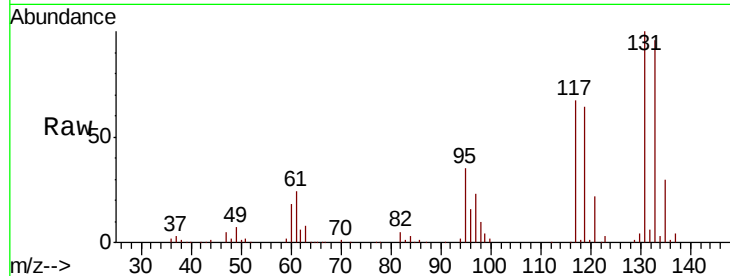




#66
 1,1,1,2-Tetrachloroethane
 Concen: 20.436 ug/l
 RT: 10.07 min Scan# 1555
 Delta R.T. -0.16 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

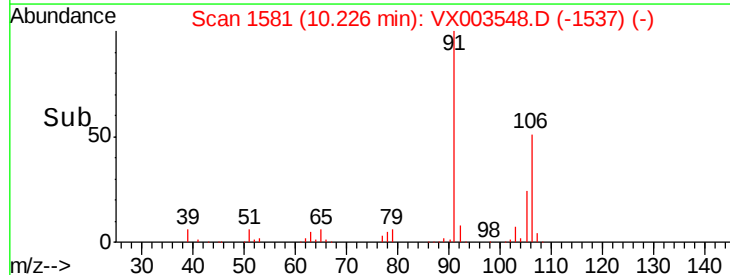
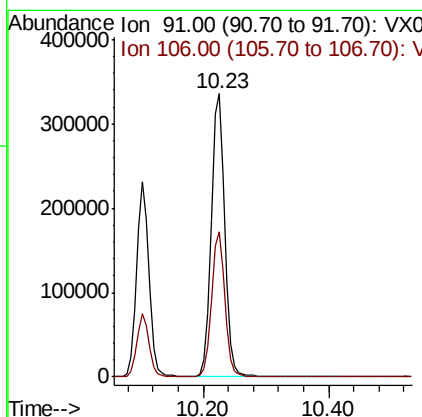
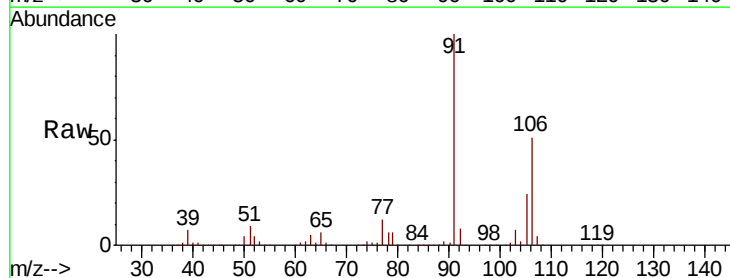
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

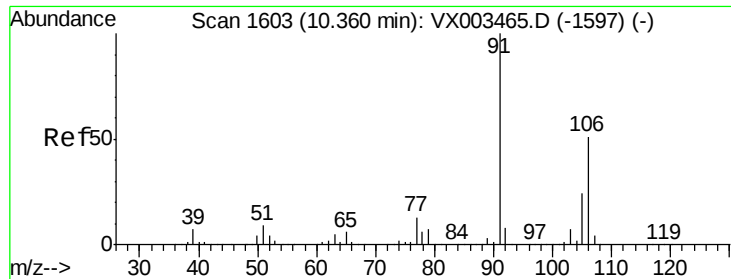
Tgt Ion: 131 Resp: 68155
 Ion Ratio Lower Upper
 131 100
 133 96.5 47.9 143.6
 119 65.4 31.8 95.3



#67
 Ethyl Benzene
 Concen: 31.938 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.03 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion: 91 Resp: 497758
 Ion Ratio Lower Upper
 91 100
 106 51.3 25.5 38.3#

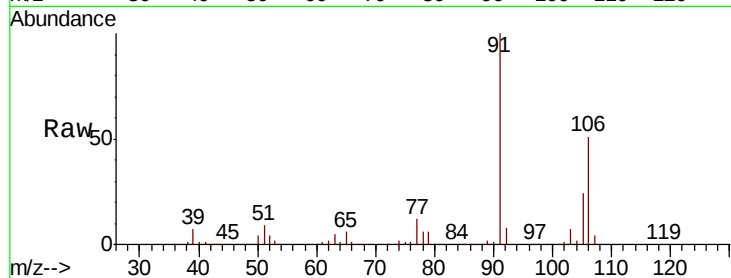




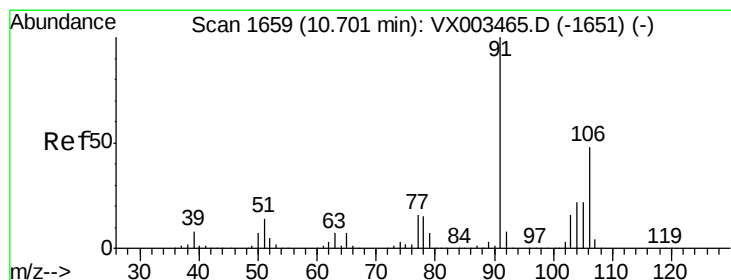
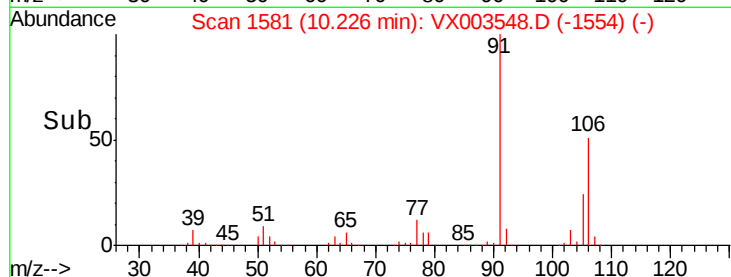
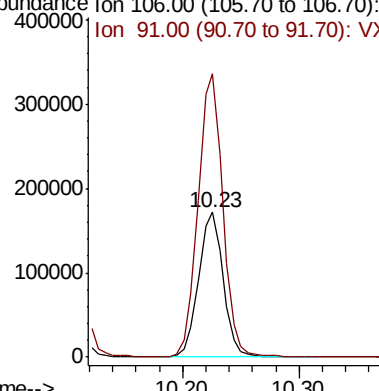
#68
m/p-Xylenes
Concen: 40.981 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.13 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

Tgt Ion:106 Resp: 250397
Ion Ratio Lower Upper
106 100
91 198.7 163.4 245.2

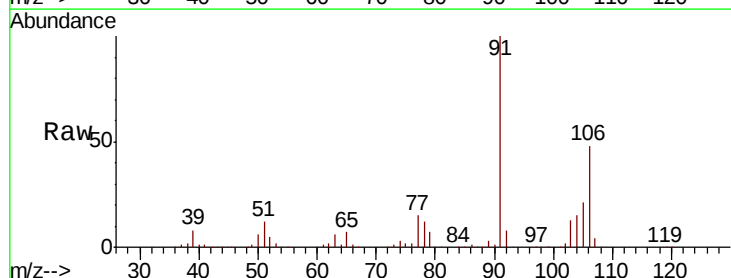


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

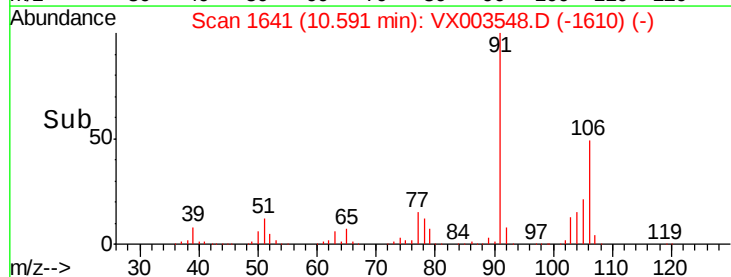
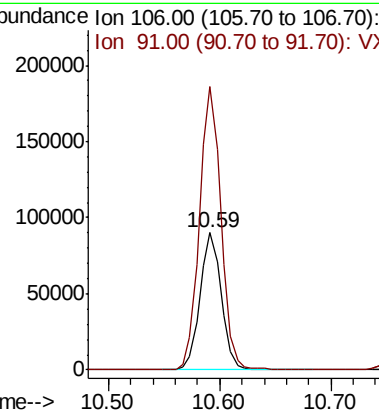


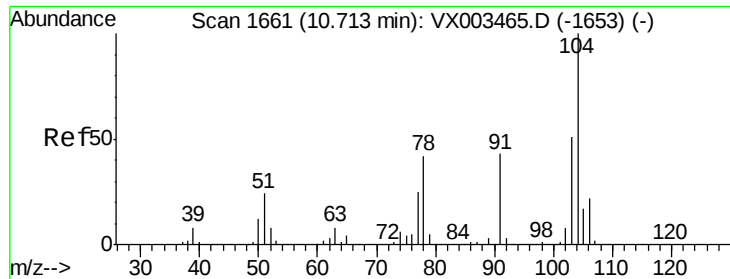
#69
o-Xylene
Concen: 20.229 ug/l
RT: 10.59 min Scan# 1641
Delta R.T. -0.11 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion:106 Resp: 119525
Ion Ratio Lower Upper
106 100
91 208.4 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 20.477 ug/l

RT: 10.61 min Scan# 1644

Delta R.T. -0.10 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0721MBS01

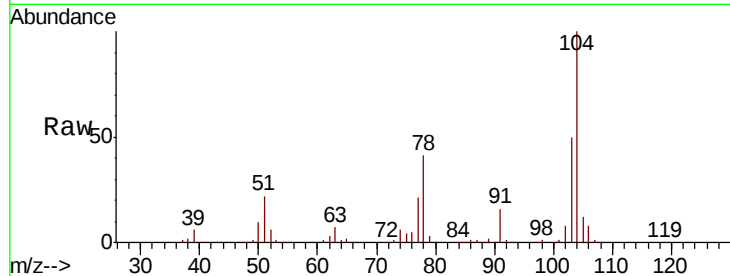
Tgt Ion:104 Resp: 199015

Ion Ratio Lower Upper

104 100

78 46.8 41.0 61.6

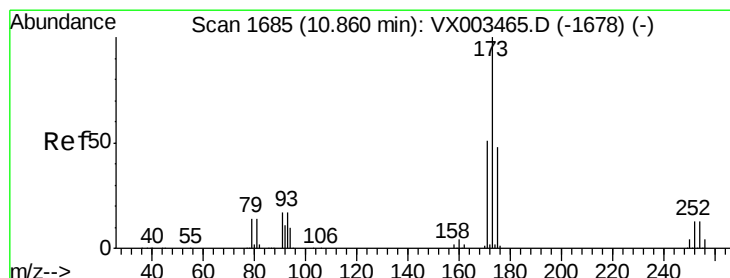
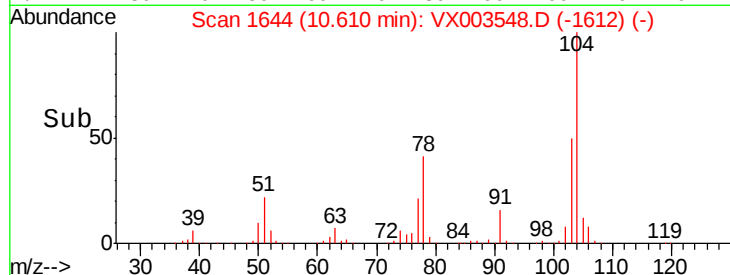
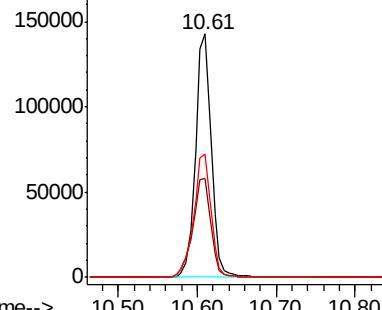
103 56.0 44.2 66.4



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



#71

Bromoform

Concen: 19.951 ug/l

RT: 10.76 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

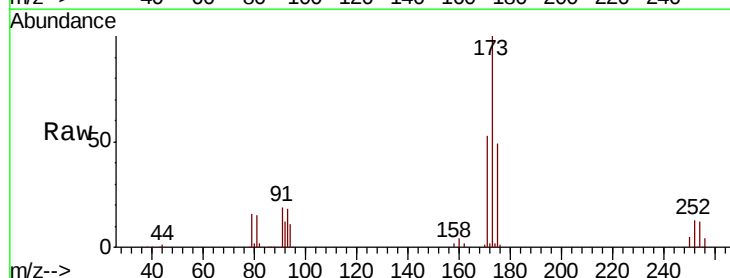
Tgt Ion:173 Resp: 51697

Ion Ratio Lower Upper

173 100

175 49.5 24.7 74.1

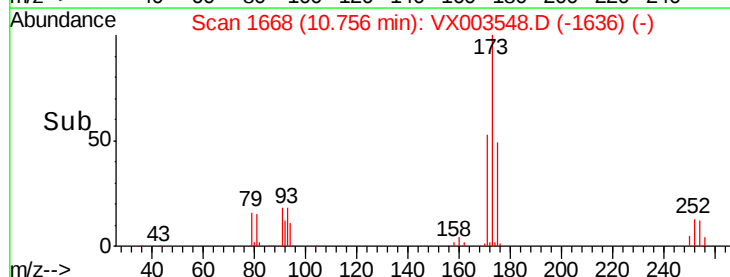
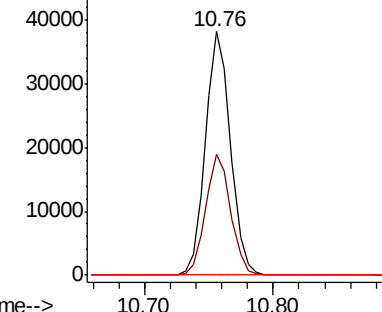
254 0.2 0.2 0.2

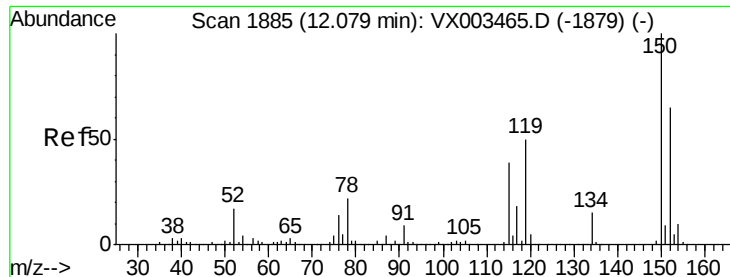


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



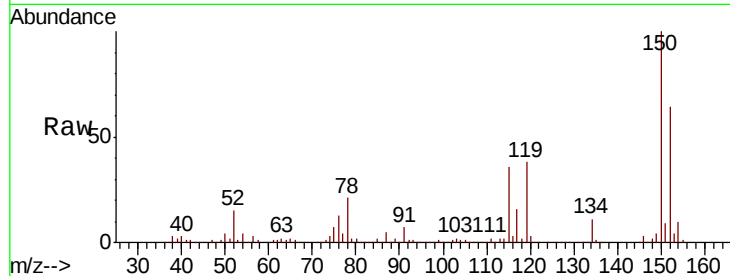


#72

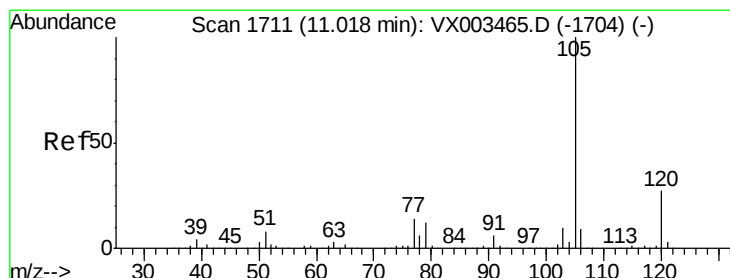
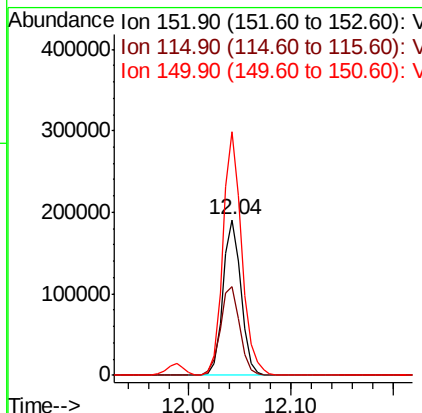
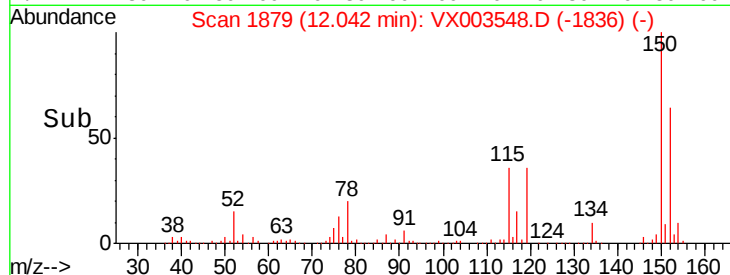
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.04 min Scan# 1879
Delta R.T. -0.04 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

Tgt Ion:152 Resp: 234347
Ion Ratio Lower Upper
152 100
115 62.1 40.1 120.2
150 162.7 0.0 347.2



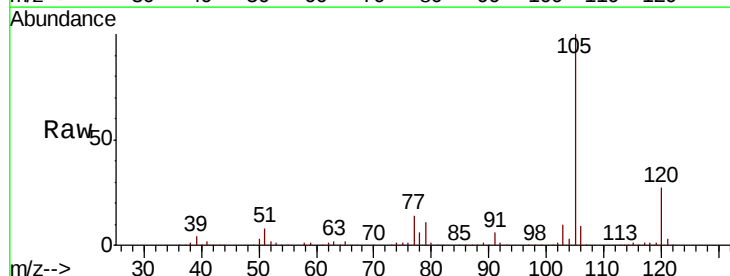
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



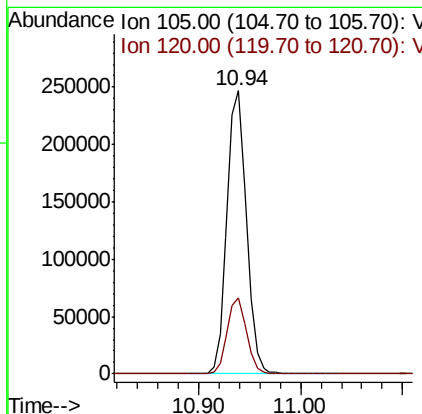
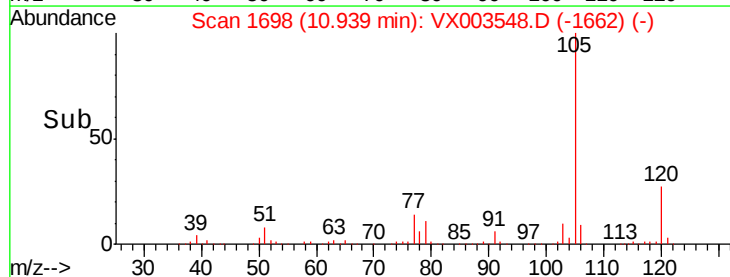
#73

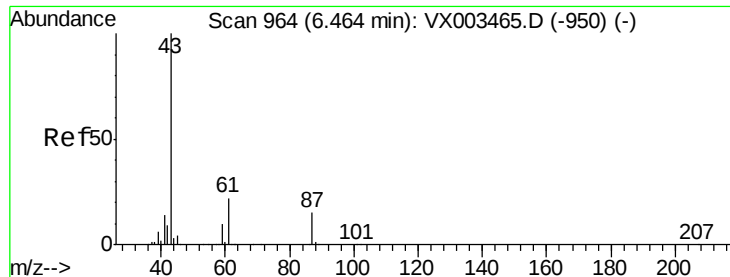
Isopropylbenzene
Concen: 20.084 ug/l
RT: 10.94 min Scan# 1698
Delta R.T. -0.08 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion:105 Resp: 325504
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.836 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.02 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0721MBS01

Tgt Ion: 43 Resp: 5753

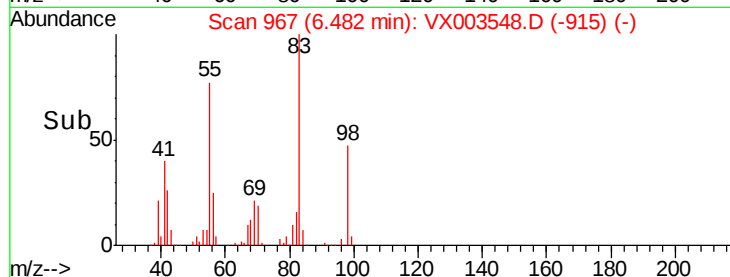
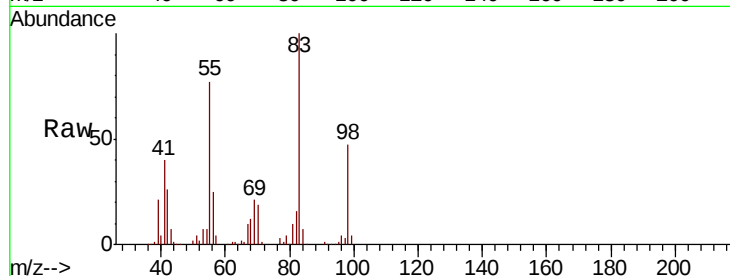
Ion Ratio Lower Upper

43 100

70 323.8 0.0 0.0#

55 1299.0 0.0 0.0#

61 0.0 14.4 21.6#

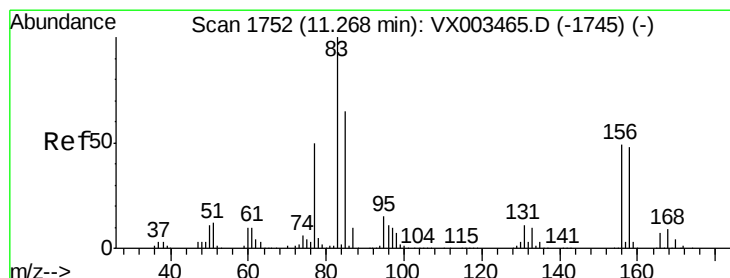
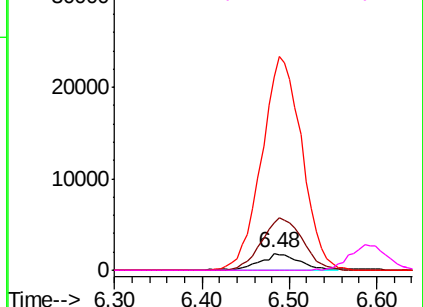


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 19.039 ug/l

RT: 11.21 min Scan# 1742

Delta R.T. -0.06 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

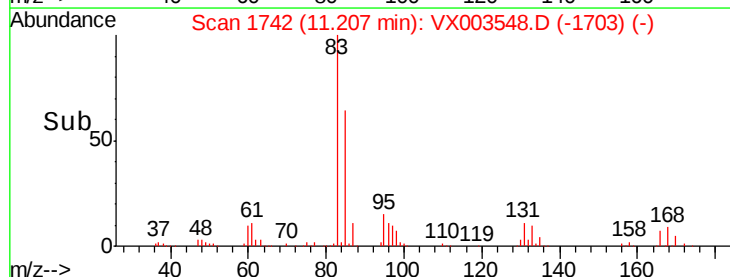
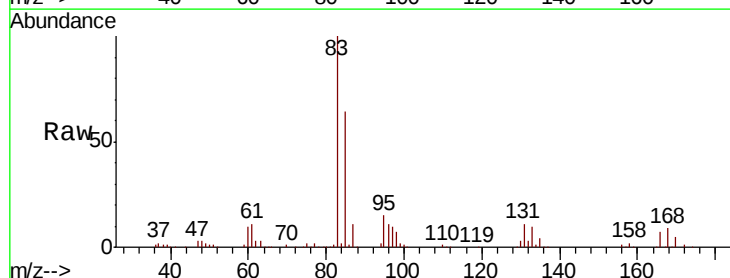
Tgt Ion: 83 Resp: 90425

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

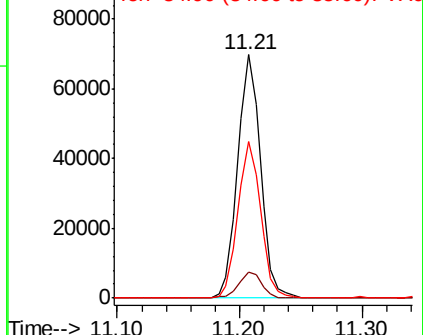
85 64.0 32.4 97.2

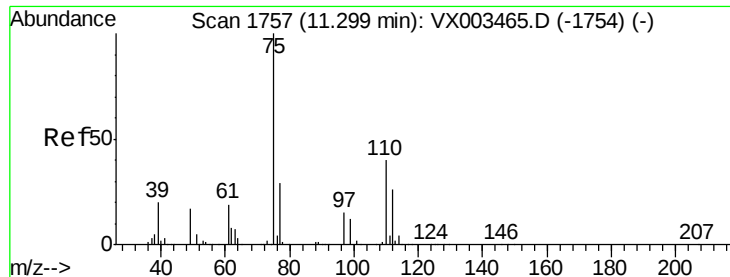


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

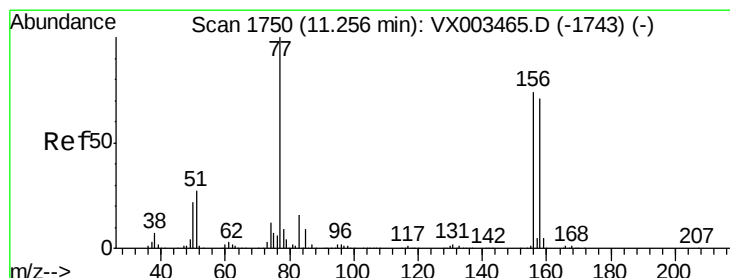
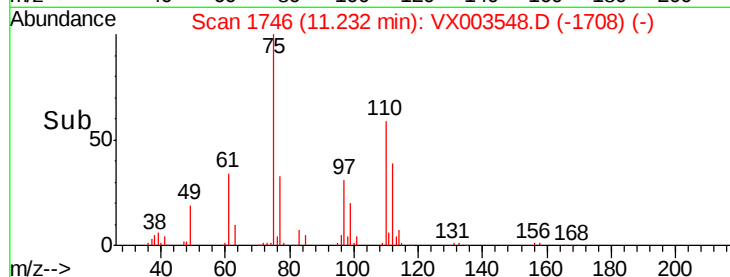
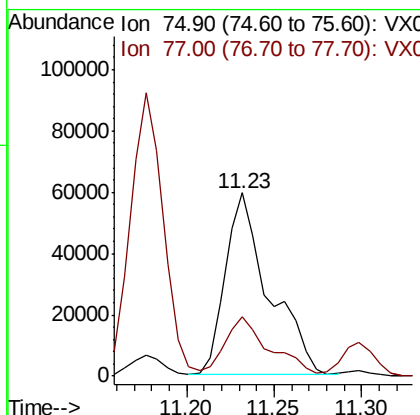
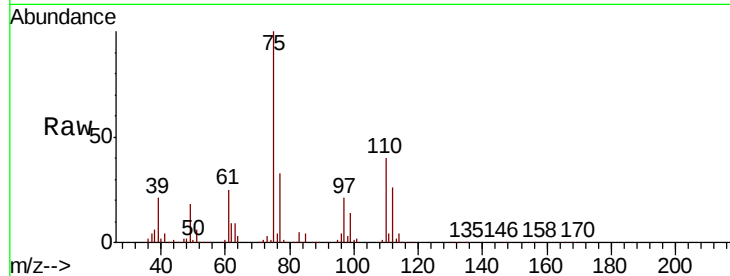




#76
 1,2,3-Trichloropropane
 Concen: 24.622 ug/l
 RT: 11.23 min Scan# 1746
 Delta R.T. -0.07 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

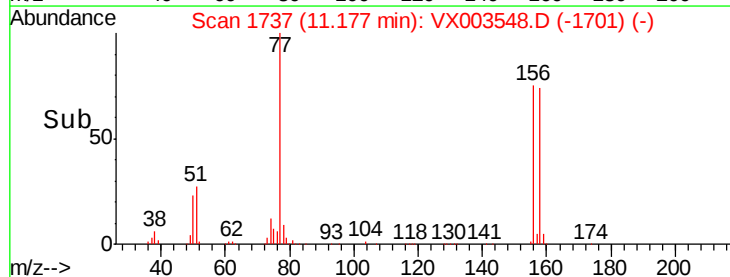
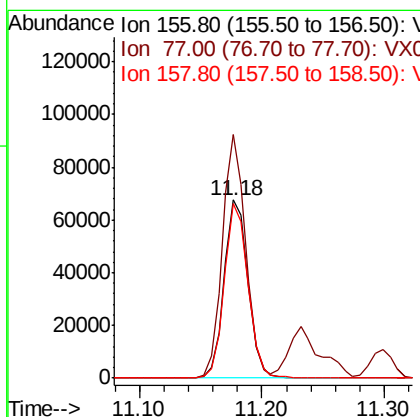
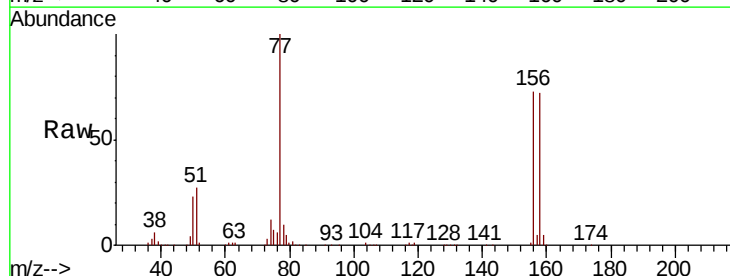
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

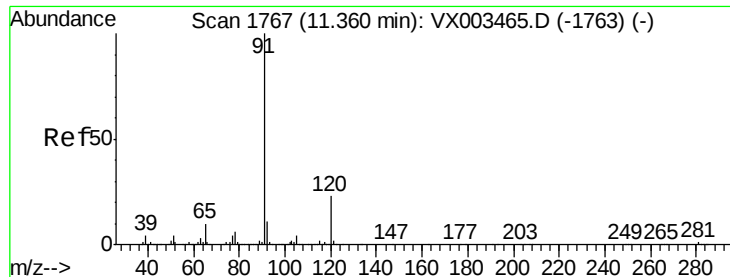
Tgt Ion: 75 Resp: 103659
 Ion Ratio Lower Upper
 75 100
 77 33.5 22.8 68.3



#77
 Bromobenzene
 Concen: 19.510 ug/l
 RT: 11.18 min Scan# 1737
 Delta R.T. -0.08 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion: 156 Resp: 90946
 Ion Ratio Lower Upper
 156 100
 77 133.4 71.4 214.2
 158 97.1 48.9 146.6





#78

n-propylbenzene

Concen: 19.921 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.06 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

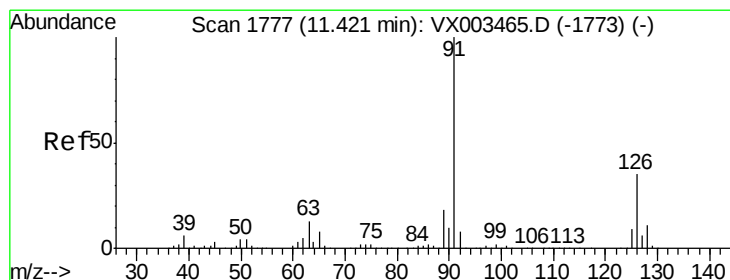
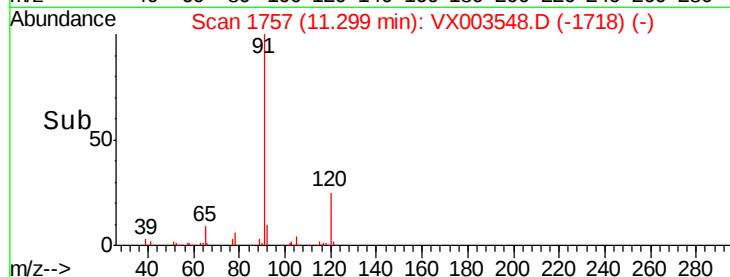
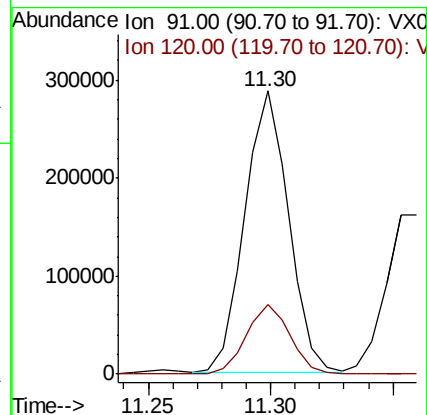
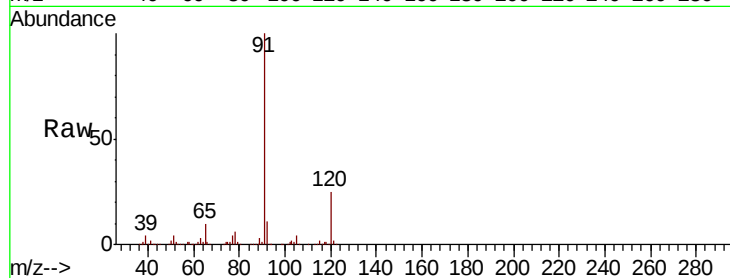
VX0721MBS01

Tgt Ion: 91 Resp: 358897

Ion Ratio Lower Upper

91 100

120 24.9 11.8 35.4



#79

2-Chlorotoluene

Concen: 23.292 ug/l

RT: 11.45 min Scan# 1782

Delta R.T. 0.03 min

Lab File: VX003548.D

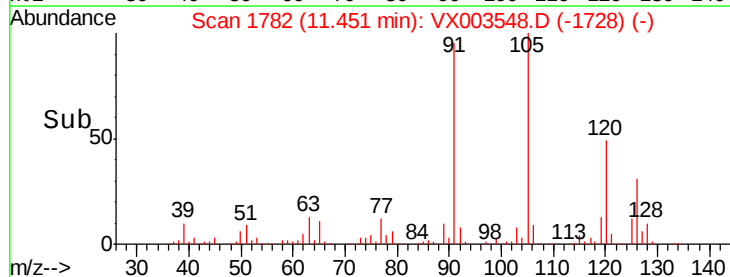
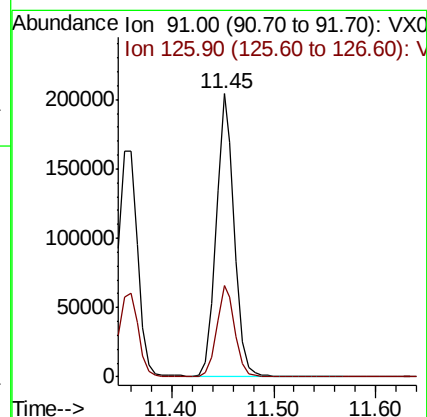
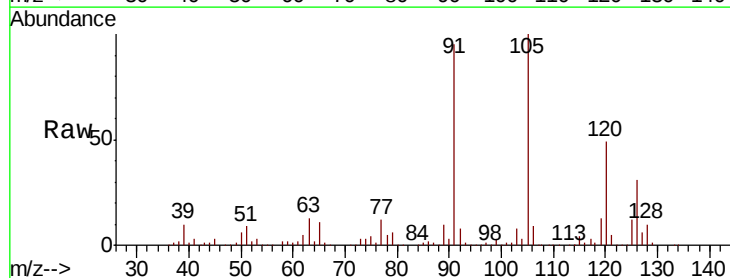
Acq: 21 Jul 2018 12:10

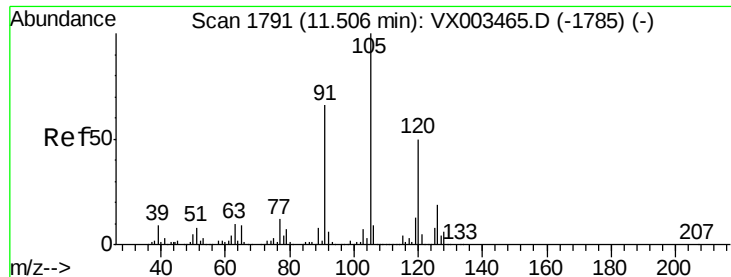
Tgt Ion: 91 Resp: 254738

Ion Ratio Lower Upper

91 100

126 32.2 17.7 53.1

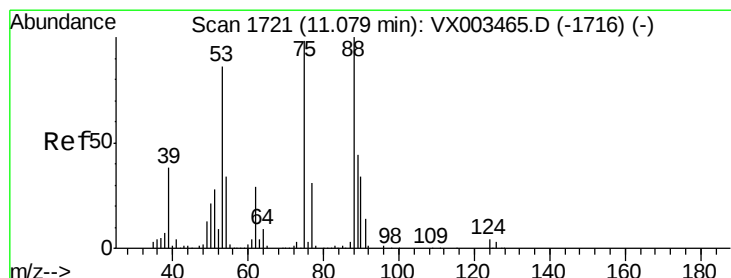
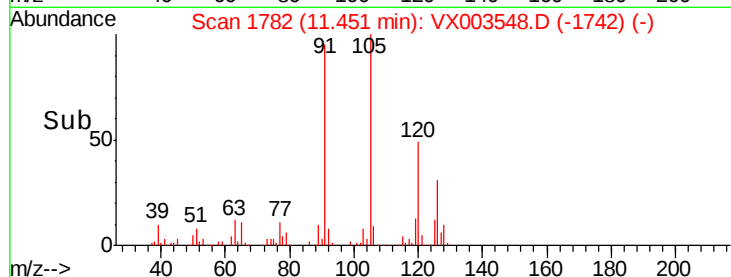
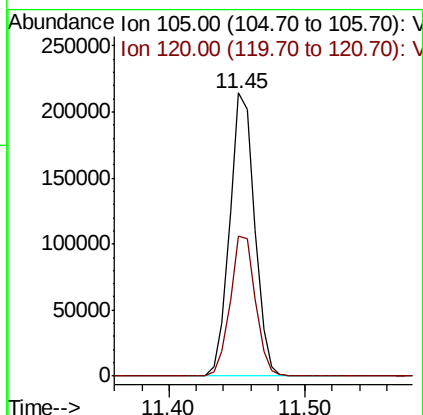
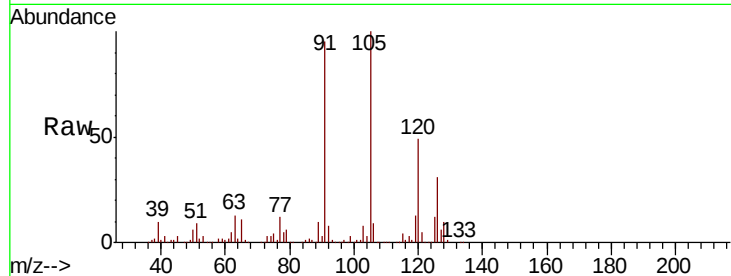




#80
 1,3,5-Trimethylbenzene
 Concen: 20.536 ug/l
 RT: 11.45 min Scan# 1782
 Delta R.T. -0.05 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

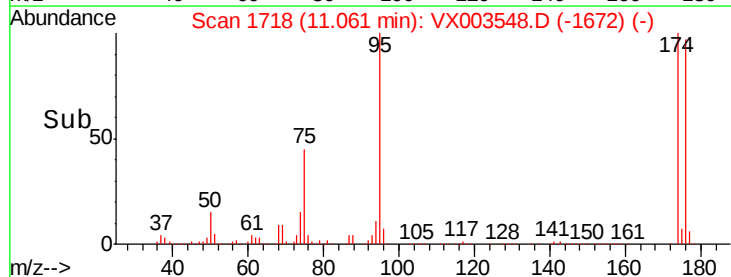
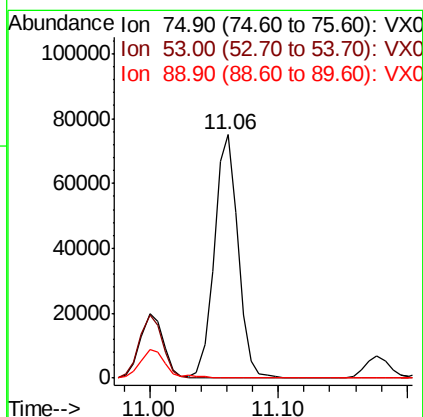
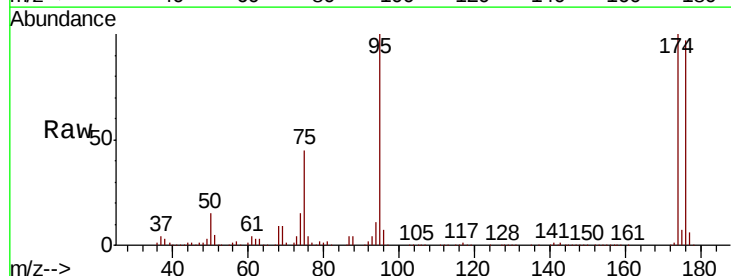
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

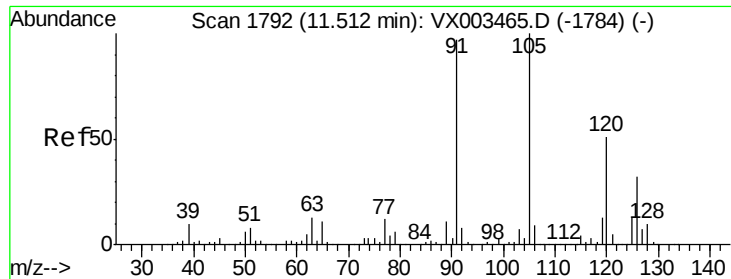
Tgt Ion: 105 Resp: 273537
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.887 ug/l
 RT: 11.06 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion: 75 Resp: 97280
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 38.2 57.2#

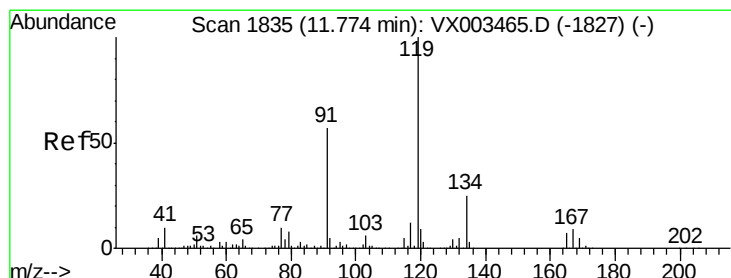
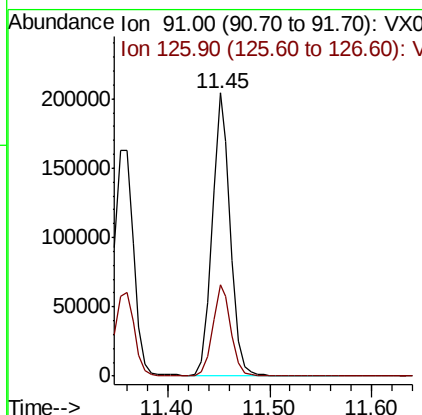
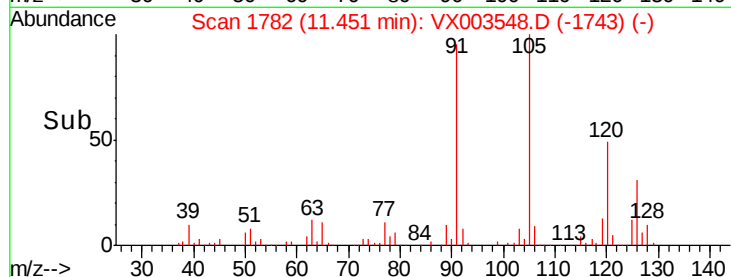
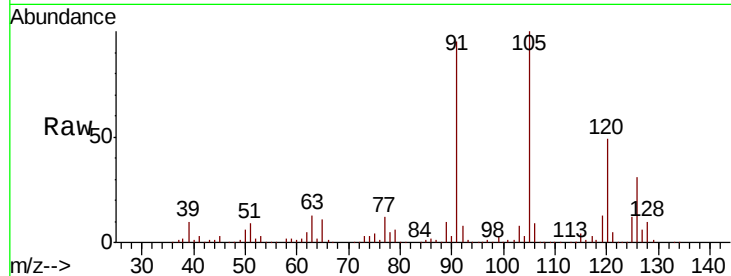




#82
4-Chlorotoluene
Concen: 19.878 ug/l
RT: 11.45 min Scan# 1782
Delta R.T. -0.06 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

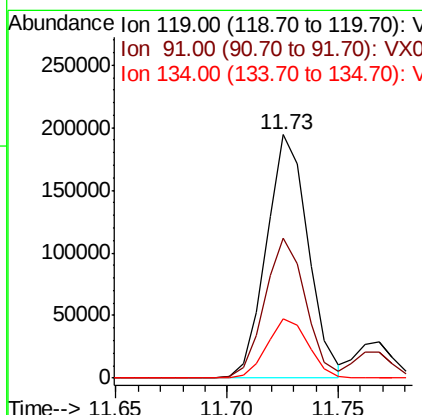
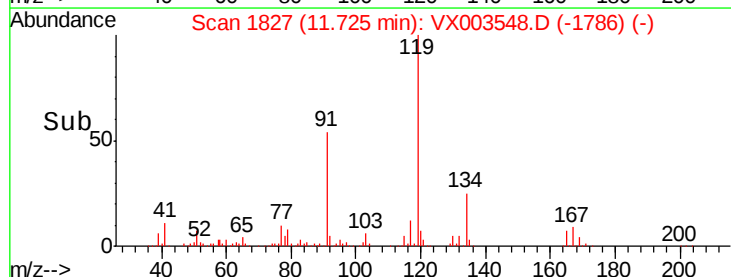
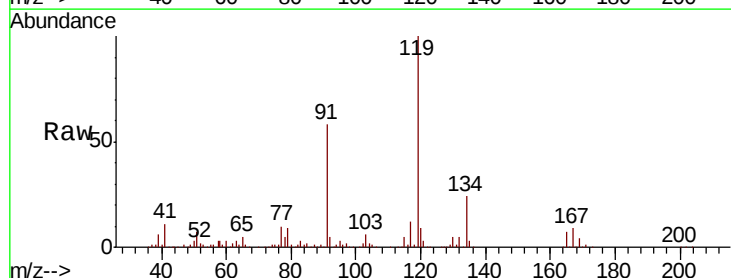
Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

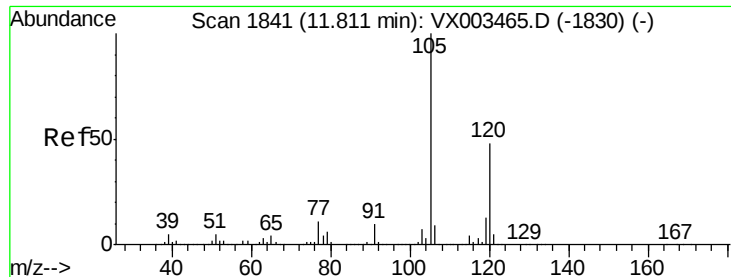
Tgt Ion: 91 Resp: 254738
Ion Ratio Lower Upper
91 100
126 32.2 15.4 46.4



#83
tert-Butylbenzene
Concen: 19.330 ug/l
RT: 11.73 min Scan# 1827
Delta R.T. -0.05 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion: 119 Resp: 252150
Ion Ratio Lower Upper
119 100
91 56.6 30.3 90.9
134 24.4 11.7 35.1

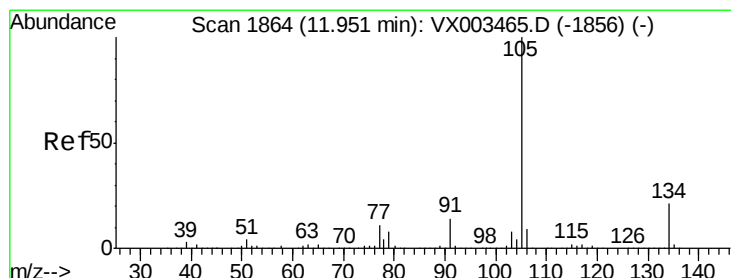
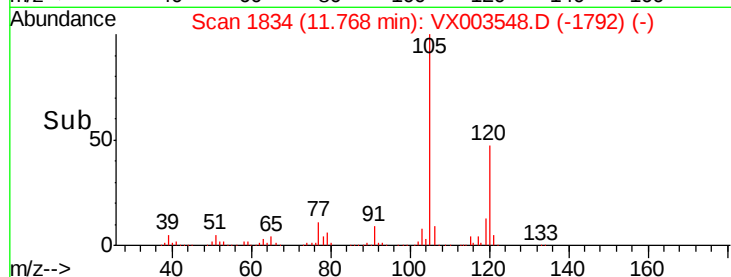
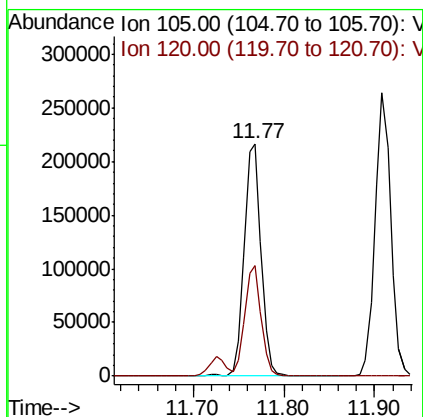
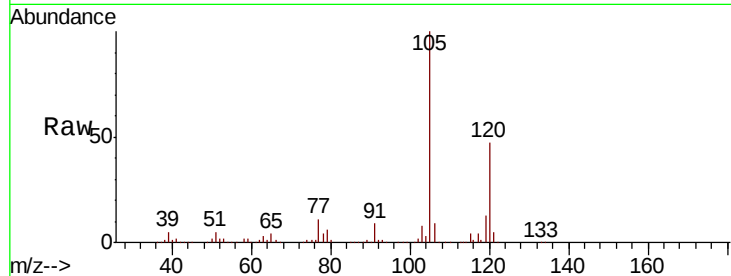




#84
 1,2,4-Trimethylbenzene
 Concen: 20.573 ug/l
 RT: 11.77 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

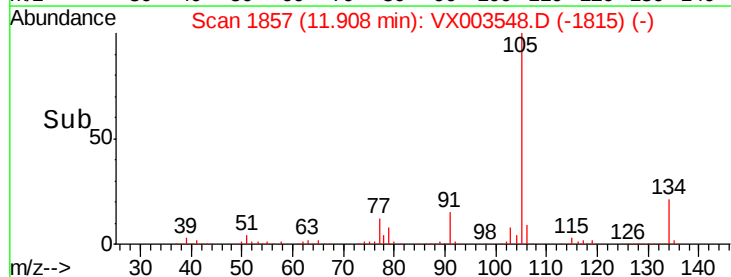
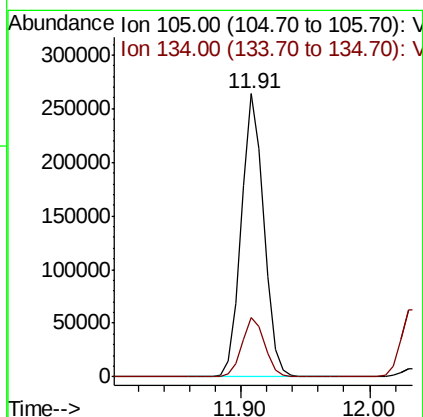
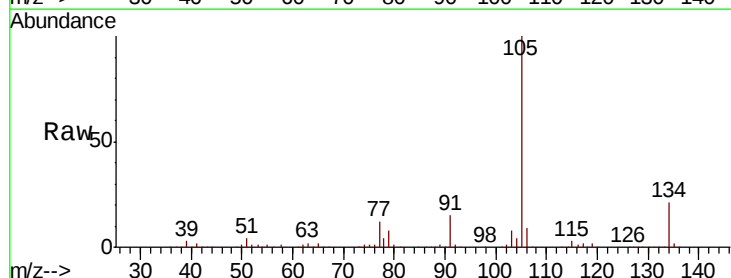
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

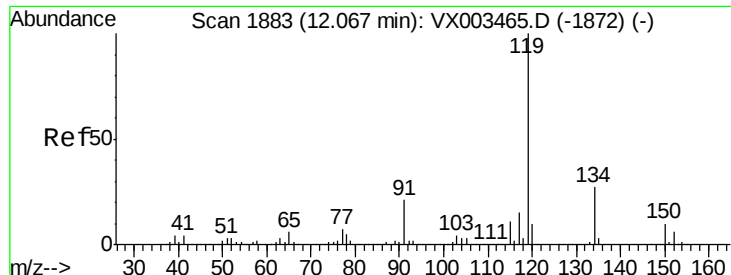
Tgt Ion:105 Resp: 278829
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 20.100 ug/l
 RT: 11.91 min Scan# 1857
 Delta R.T. -0.04 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion:105 Resp: 318455
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

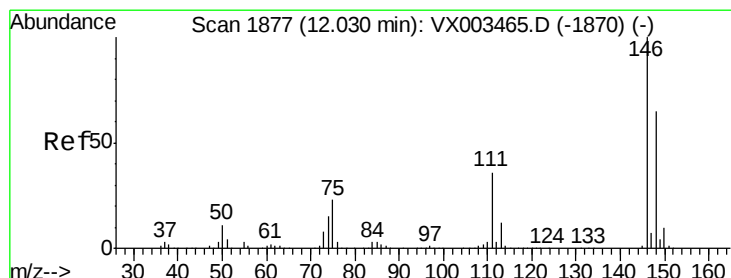
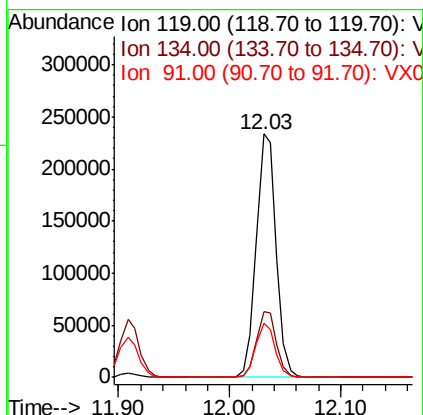
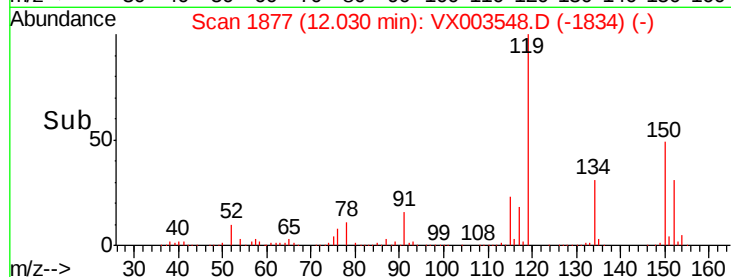
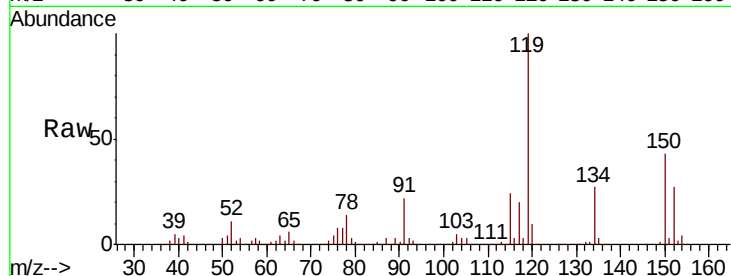




#86
p-Isopropyltoluene
Concen: 20.483 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.04 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

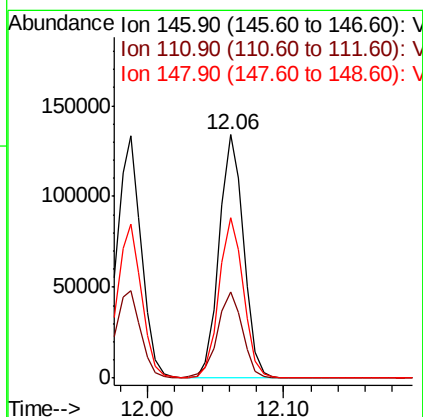
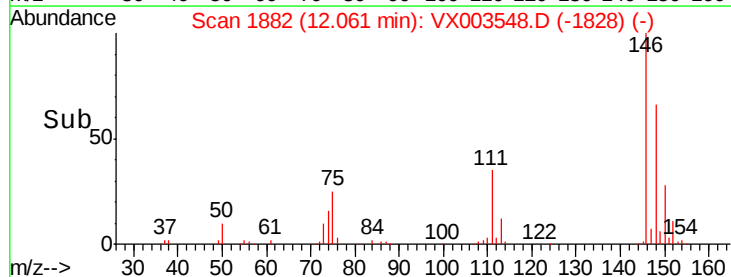
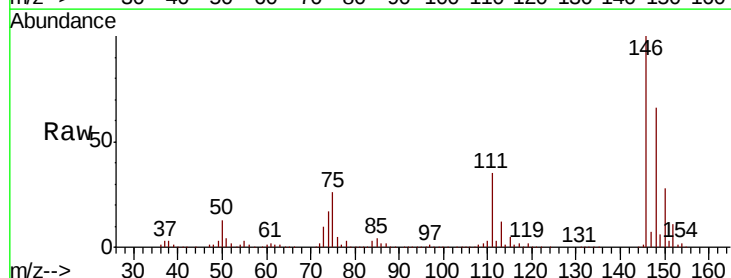
Instrument :
MSVOA_X
ClientSampleId :
VX0721MBS01

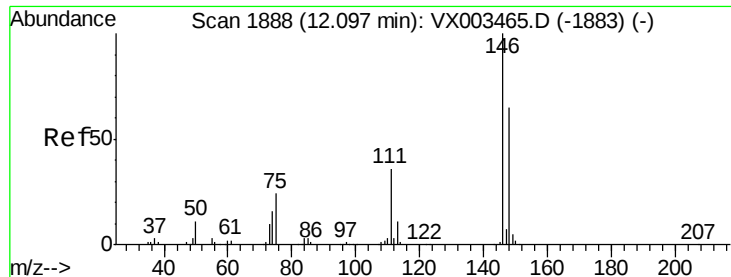
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.1
91	21.8	11.9	35.7



#87
1,3-Dichlorobenzene
Concen: 19.568 ug/l
RT: 12.06 min Scan# 1882
Delta R.T. 0.03 min
Lab File: VX003548.D
Acq: 21 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.7
148	65.8	32.1	96.3

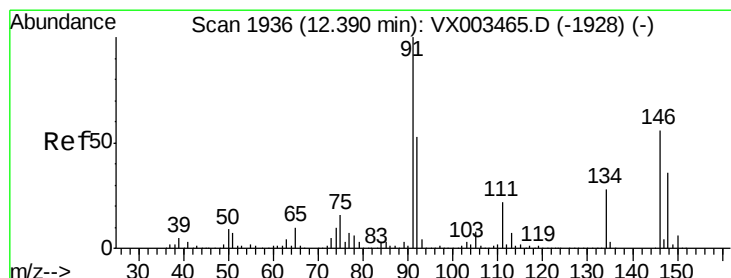
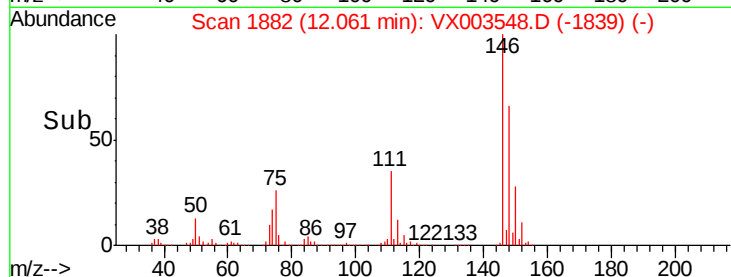
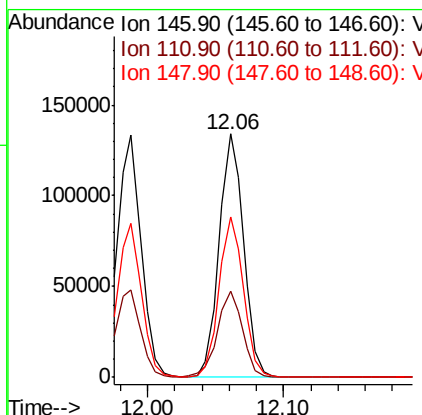
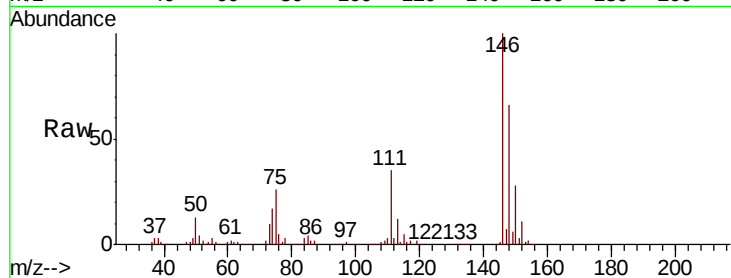




#88
 1,4-Dichlorobenzene
 Concen: 18.996 ug/l
 RT: 12.06 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

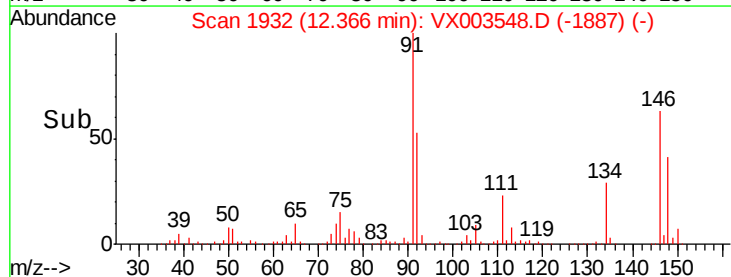
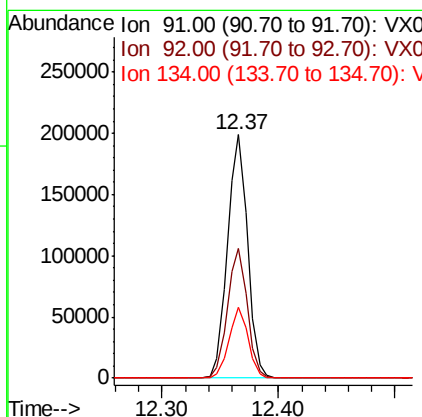
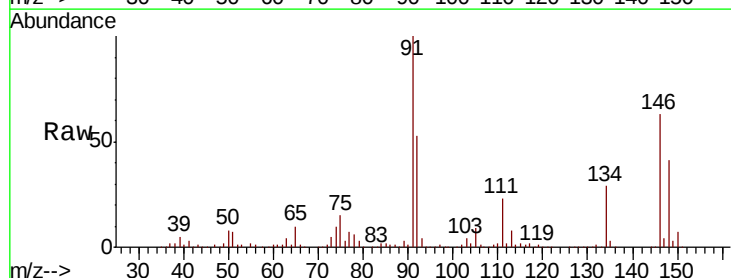
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

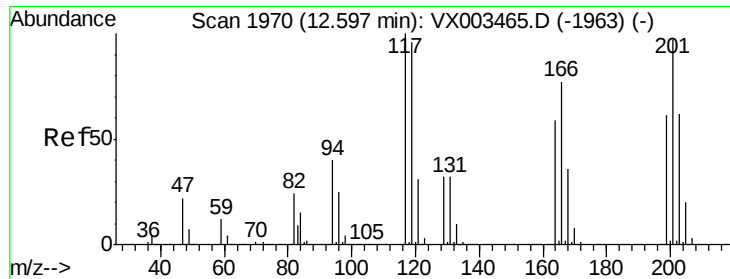
Tgt Ion:146 Resp: 167674
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.7 56.1
 148 65.8 32.4 97.0



#89
 n-Butylbenzene
 Concen: 19.750 ug/l
 RT: 12.37 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Tgt Ion: 91 Resp: 238458
 Ion Ratio Lower Upper
 91 100
 92 52.2 26.0 78.0
 134 28.0 13.5 40.5





#90

Hexachloroethane

Concen: 18.215 ug/l

RT: 12.57 min Scan# 1966

Delta R.T. -0.02 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

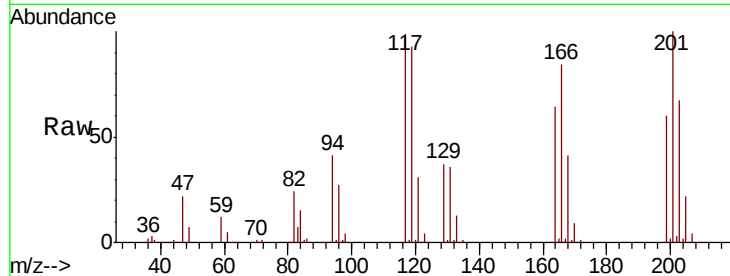
VX0721MBS01

Tgt Ion:117 Resp: 36819

Ion Ratio Lower Upper

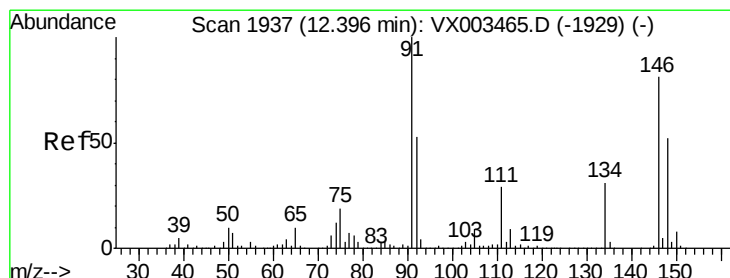
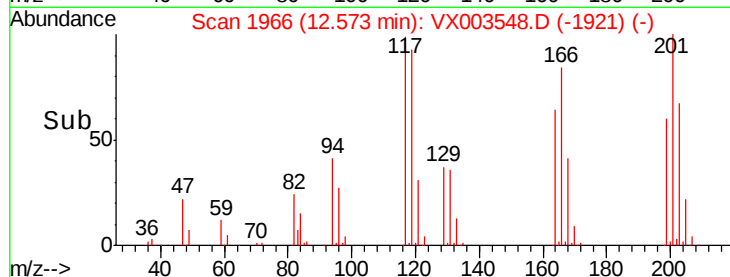
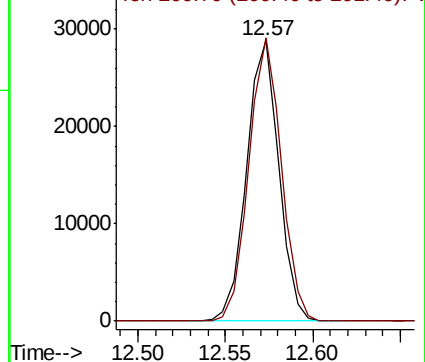
117 100

201 101.8 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 19.550 ug/l

RT: 12.37 min Scan# 1932

Delta R.T. -0.03 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

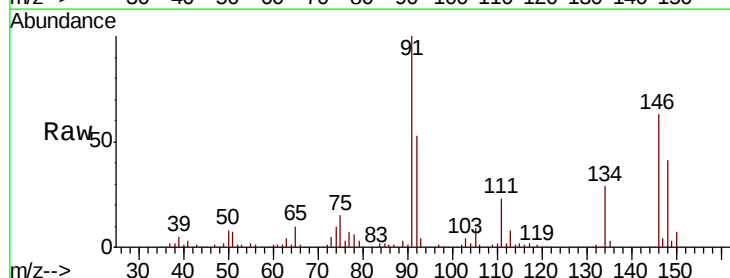
Tgt Ion:146 Resp: 165107

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.1

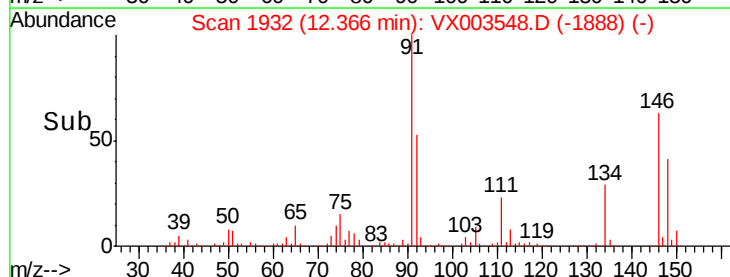
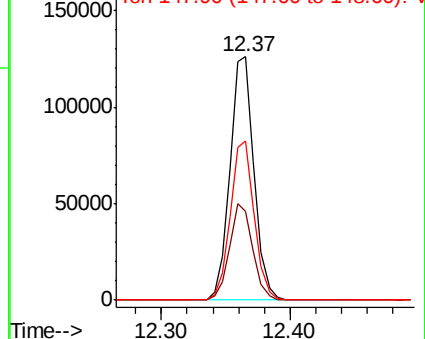
148 64.9 31.7 95.1

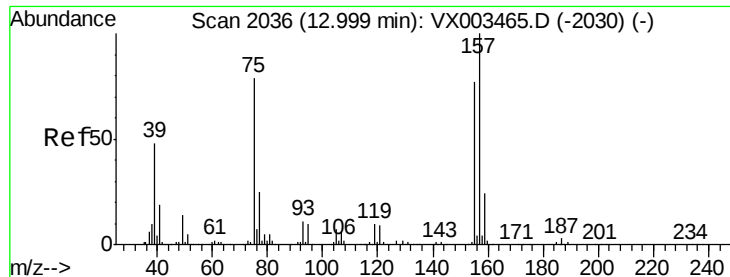


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.142 ug/l

RT: 12.99 min Scan# 2034

Delta R.T. -0.01 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0721MBS01

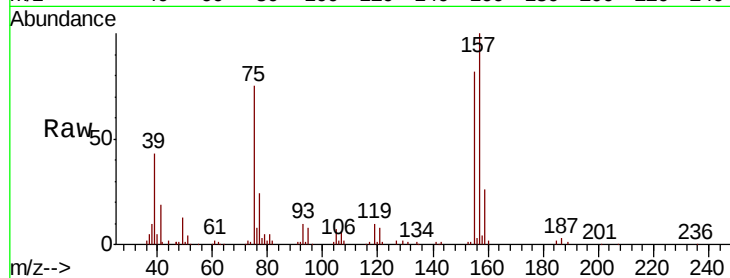
Tgt Ion: 75 Resp: 16768

Ion Ratio Lower Upper

75 100

155 105.4 45.8 137.4

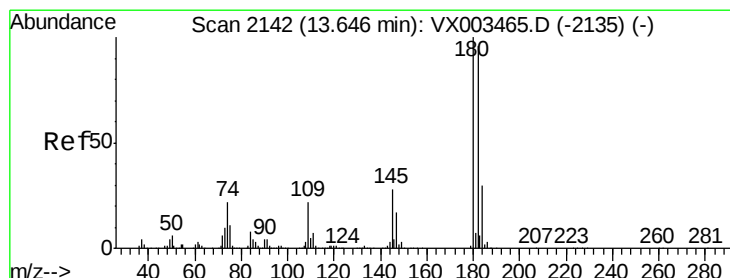
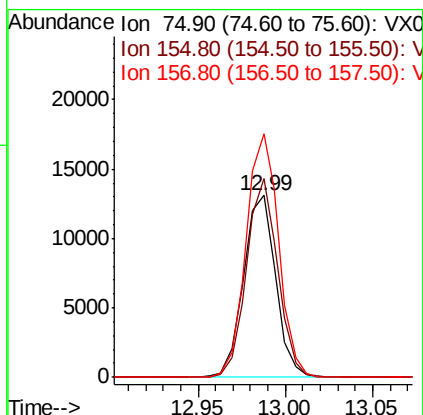
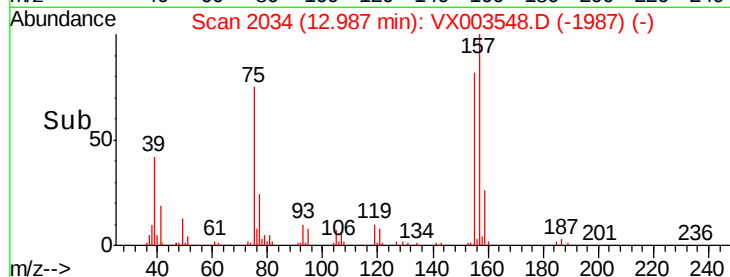
157 134.6 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 19.586 ug/l

RT: 13.64 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

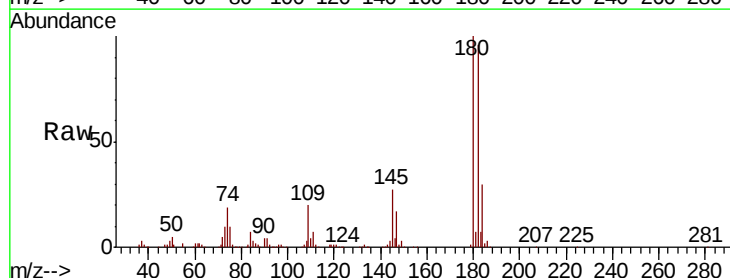
Tgt Ion: 180 Resp: 121229

Ion Ratio Lower Upper

180 100

182 95.1 47.7 143.1

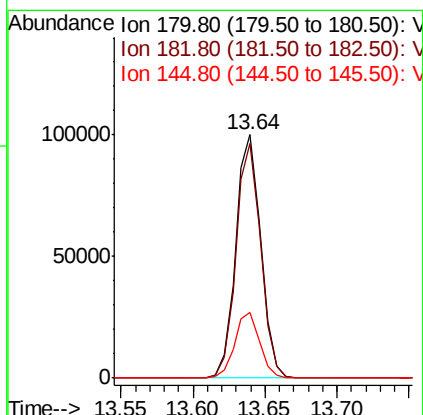
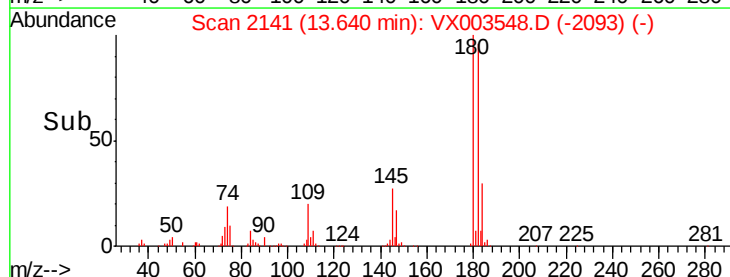
145 27.0 14.1 42.4

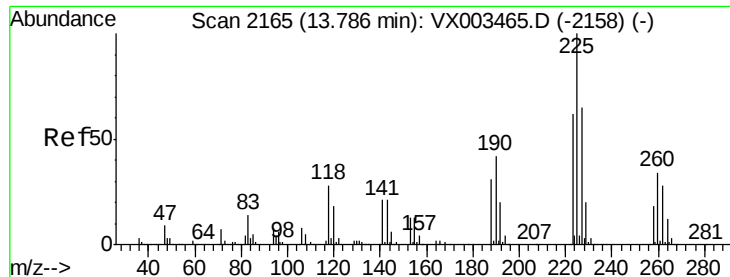


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 19.505 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0721MBS01

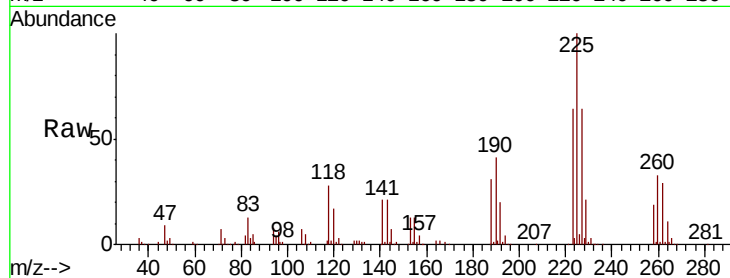
Tgt Ion:225 Resp: 58059

Ion Ratio Lower Upper

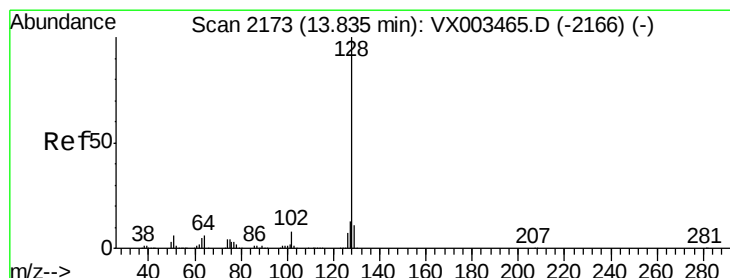
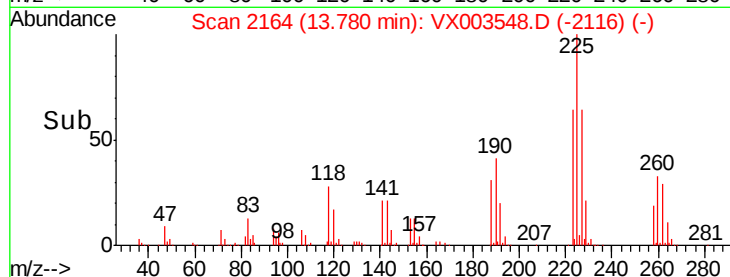
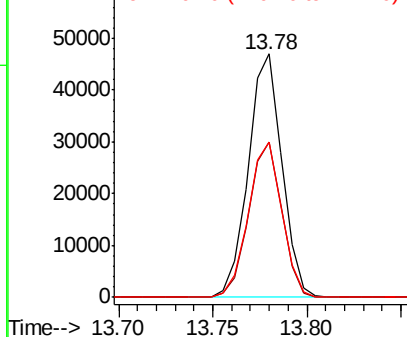
225 100

223 62.6 31.6 95.0

227 63.4 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 19.668 ug/l

RT: 13.83 min Scan# 2172

Delta R.T. -0.01 min

Lab File: VX003548.D

Acq: 21 Jul 2018 12:10

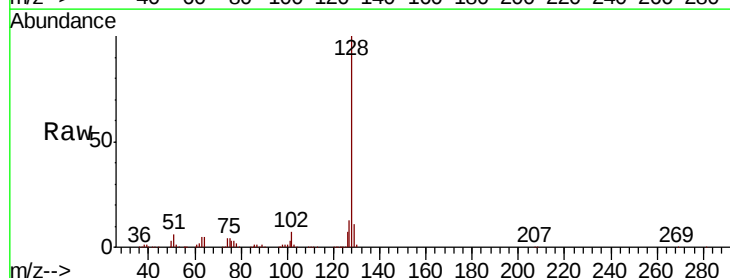
Tgt Ion:128 Resp: 319875

Ion Ratio Lower Upper

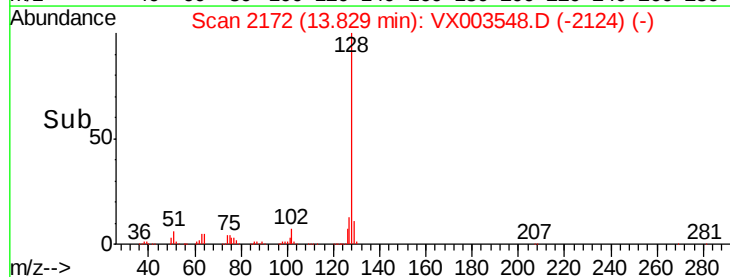
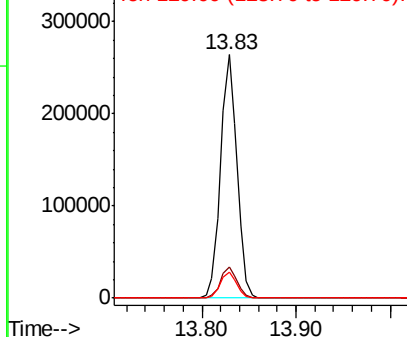
128 100

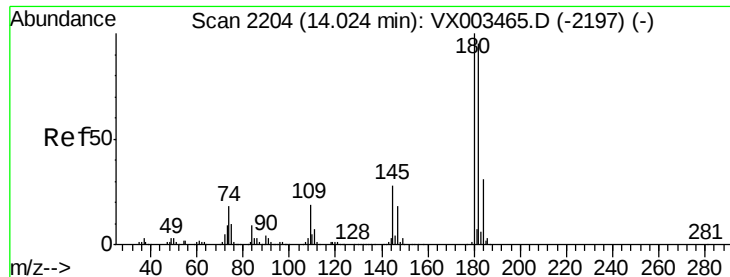
127 12.8 10.4 15.6

129 10.8 8.6 13.0



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





#96
 1,2,3-Trichlorobenzene
 Concen: 19.519 ug/l
 RT: 14.02 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: VX003548.D
 Acq: 21 Jul 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.0	144.0
145	30.0	14.8	44.3

