

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000723.D
 Acq On : 08 Apr 2018 11:44
 Operator : JC/MD
 Sample : VX0408WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Quant Time: Apr 09 06:38:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	353377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	474674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	443015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182747	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.51	113	150226	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.72	98	565343	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.15	95	230635	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61705	19.39	ug/l	100
3) Chloromethane	1.32	50	50192	18.96	ug/l	97
4) Vinyl Chloride	1.41	62	52172	18.14	ug/l	99
5) Bromomethane	1.65	94	39353	24.49	ug/l	100
6) Chloroethane	1.73	64	32521	18.43	ug/l	97
7) Trichlorofluoromethane	1.93	101	87156	18.51	ug/l	99
8) Diethyl Ether	2.19	74	32788	19.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53975	19.57	ug/l	99
10) Methyl Iodide	2.52	142	45445	19.02	ug/l	100
11) Tert butyl alcohol	3.06	59	64297	93.50	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46167	18.64	ug/l	99
13) Acrolein	2.29	56	24630	81.84	ug/l	99
14) Allyl chloride	2.73	41	91506	18.28	ug/l	100
15) Acrylonitrile	3.15	53	130501	90.55	ug/l	100
16) Acetone	2.45	43	115882	91.42	ug/l	99
17) Carbon Disulfide	2.57	76	110148	19.00	ug/l	100
18) Methyl Acetate	2.78	43	69380	18.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	174025	18.90	ug/l	99
20) Methylene Chloride	2.86	84	52172	17.24	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50570	19.10	ug/l	95
22) Diisopropyl ether	3.88	45	174304	17.77	ug/l	95
23) Vinyl Acetate	3.83	43	728041	87.63	ug/l	99
24) 1,1-Dichloroethane	3.70	63	94833	18.47	ug/l	98
25) 2-Butanone	4.71	43	196436	88.58	ug/l	98
26) 2,2-Dichloropropane	4.59	77	97913	18.73	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62381	18.43	ug/l	99
28) Bromochloromethane	5.03	49	40296	17.38	ug/l	98
29) Tetrahydrofuran	5.17	42	122878	87.07	ug/l	98
30) Chloroform	5.22	83	104371	18.69	ug/l	98
31) Cyclohexane	5.59	56	82156	18.82	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	98651	18.54	ug/l	99
36) 1,1-Dichloropropene	5.81	75	76111	18.72	ug/l	99
37) Ethyl Acetate	4.87	43	75502	17.21	ug/l	98
38) Carbon Tetrachloride	5.79	117	90756	19.05	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	88651	19.47	ug/l	98
40) Benzene	6.15	78	218021	19.07	ug/l	97
41) Methacrylonitrile	5.07	41	46505	18.29	ug/l	100
42) 1,2-Dichloroethane	6.20	62	84822	18.81	ug/l	98
43) Isopropyl Acetate	6.47	43	137784	18.03	ug/l	100
44) Trichloroethene	7.22	130	68184	19.62	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58691	19.14	ug/l	97
46) Dibromomethane	7.67	93	39419	18.52	ug/l	98
47) Bromodichloromethane	7.90	83	85279	19.37	ug/l	97
48) Methyl methacrylate	7.78	41	71188	18.52	ug/l	99
49) 1,4-Dioxane	7.76	88	28649	375.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	406289	91.77	ug/l	98
52) Toluene	8.79	92	143966	18.88	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	99484	18.99	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	98635	18.96	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	60542	19.52	ug/l	100
56) Ethyl methacrylate	9.19	69	92899	18.79	ug/l	100
57) 1,3-Dichloropropane	9.38	76	96166	18.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222644	96.14	ug/l	100
59) 2-Hexanone	9.51	43	308358	91.25	ug/l	100
60) Dibromochloromethane	9.59	129	74523	19.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62493	18.77	ug/l	99
64) Tetrachloroethene	9.34	164	67799	19.52	ug/l	99
65) Chlorobenzene	10.15	112	173170	18.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68212	19.16	ug/l	100
67) Ethyl Benzene	10.26	91	292795	19.14	ug/l	100
68) m/p-Xylenes	10.37	106	231903	38.75	ug/l	99
69) o-Xylene	10.71	106	112429	19.15	ug/l	99
70) Styrene	10.72	104	191349	19.29	ug/l	100
71) Bromoform	10.87	173	63789	18.92	ug/l #	99
73) Isopropylbenzene	11.02	105	306984	19.43	ug/l	100
74) N-amyl acetate	6.47	43	137784	17.92	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87356	18.61	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	106331	23.65	ug/l	83
77) Bromobenzene	11.26	156	86517	19.31	ug/l	99
78) n-propylbenzene	11.37	91	352791	19.47	ug/l	100
79) 2-Chlorotoluene	11.43	91	207737	19.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263267	19.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30162	17.47	ug/l	95
82) 4-Chlorotoluene	11.52	91	249971	19.30	ug/l	100
83) tert-Butylbenzene	11.77	119	276080	19.68	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	272478	19.23	ug/l	100
85) sec-Butylbenzene	11.95	105	323152	19.69	ug/l	100
86) p-Isopropyltoluene	12.07	119	300135	19.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	163853	19.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	168134	19.54	ug/l	99
89) n-Butylbenzene	12.40	91	268643	19.60	ug/l	100
90) Hexachloroethane	12.60	117	53481	19.19	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	160679	19.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21703	17.59	ug/l	98

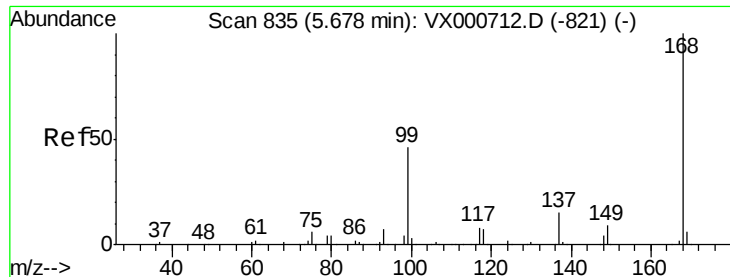
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135925	19.50	ug/l	100
94) Hexachlorobutadiene	13.79	225	68789	20.04	ug/l	99
95) Naphthalene	13.84	128	346586	18.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	133444	19.84	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampled :

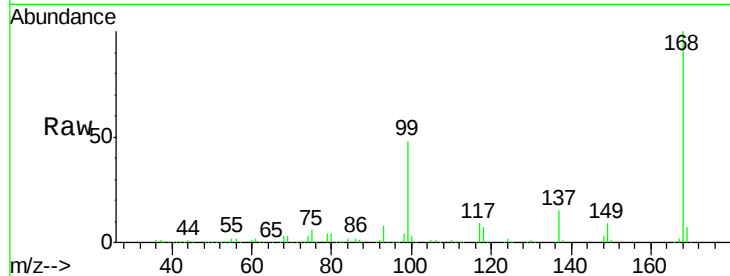
VX0408WBS01

Tgt Ion:168 Resp: 353377

Ion Ratio Lower Upper

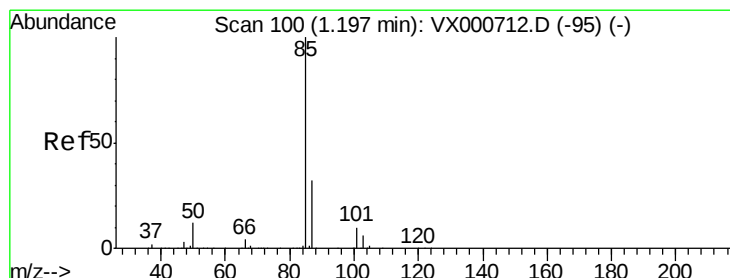
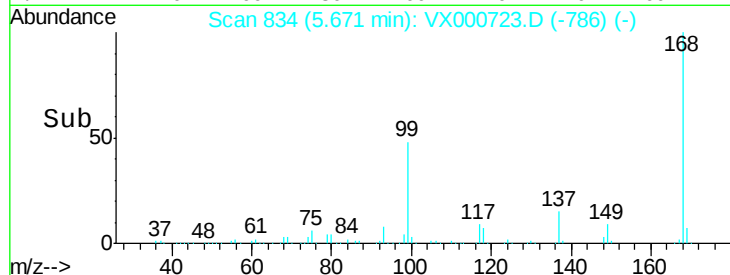
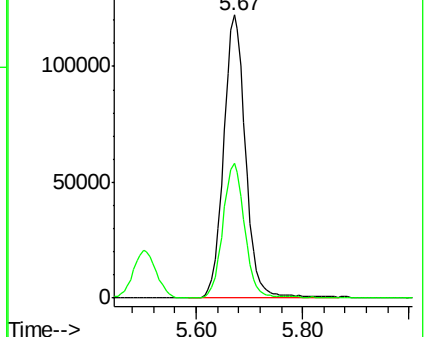
168 100

99 47.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000723.D

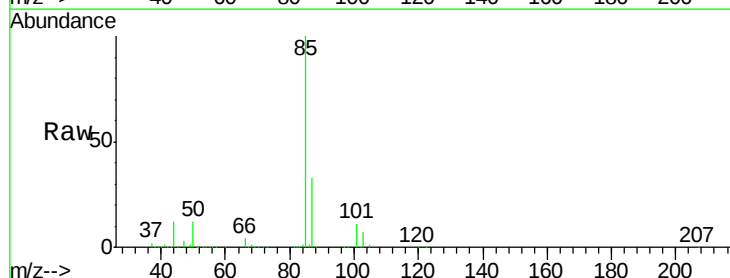
Acq: 08 Apr 2018 11:44

Tgt Ion: 85 Resp: 61705

Ion Ratio Lower Upper

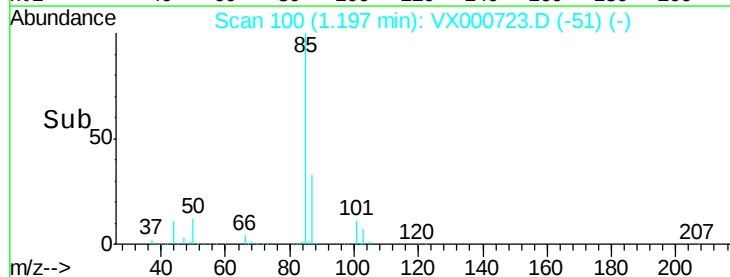
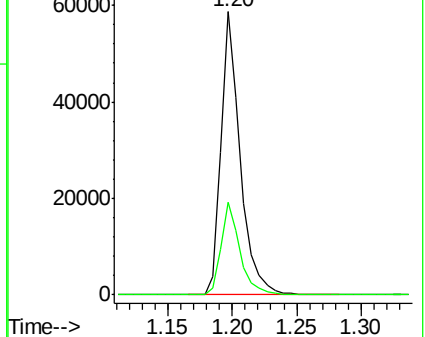
85 100

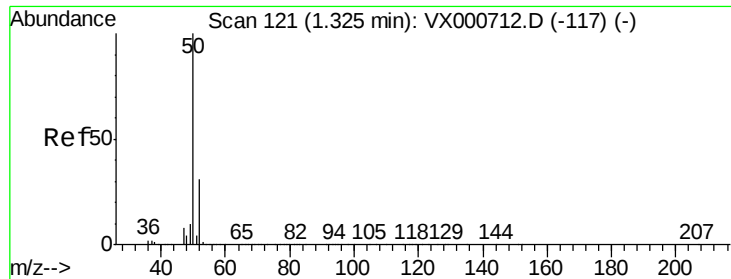
87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.96 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampled :

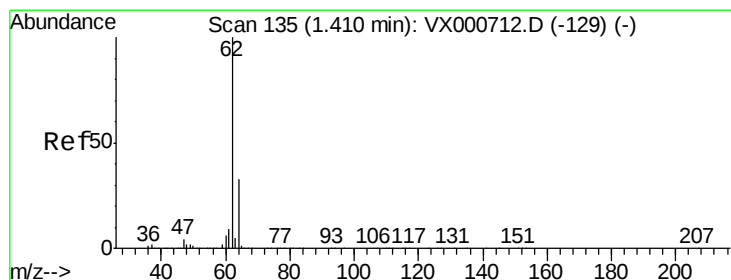
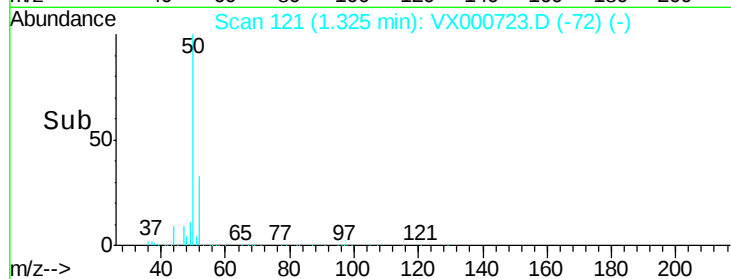
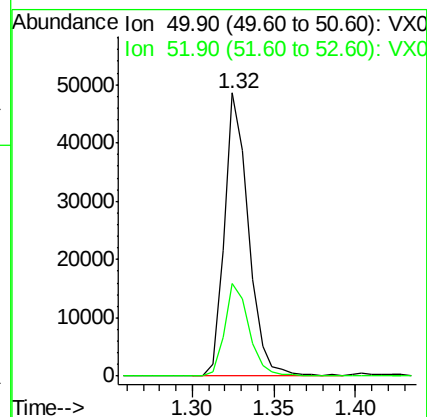
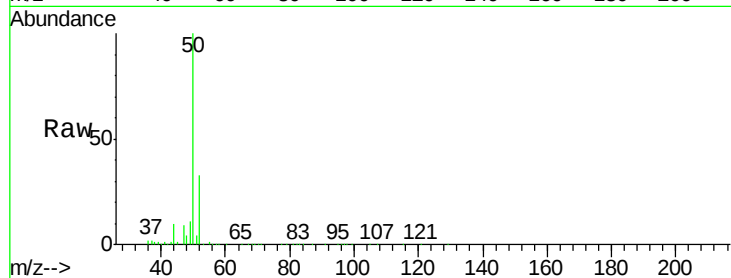
VX0408WBS01

Tgt Ion: 50 Resp: 50192

Ion Ratio Lower Upper

50 100

52 32.7 24.9 37.3



#4

Vinyl Chloride

Concen: 18.14 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000723.D

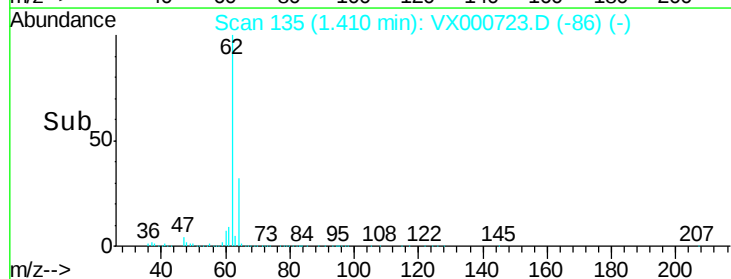
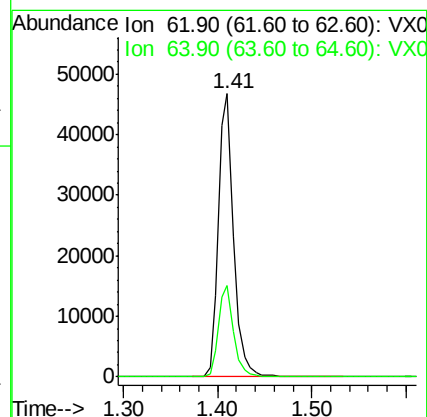
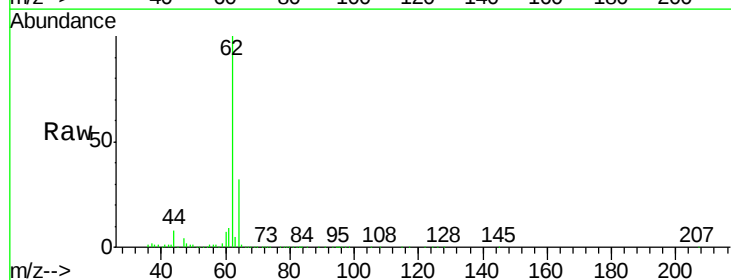
Acq: 08 Apr 2018 11:44

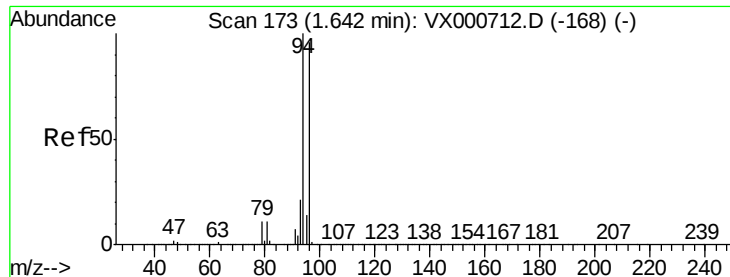
Tgt Ion: 62 Resp: 52172

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.2





#5

Bromomethane

Concen: 24.49 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

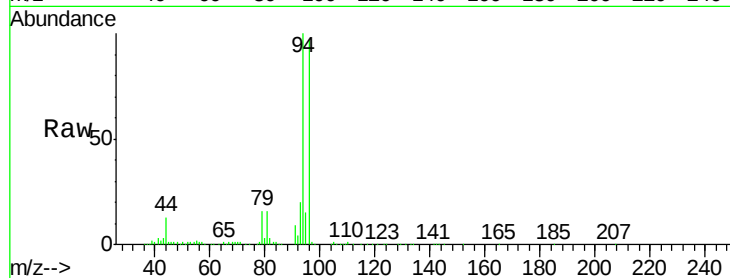
VX0408WBS01

Tgt Ion: 94 Resp: 39353

Ion Ratio Lower Upper

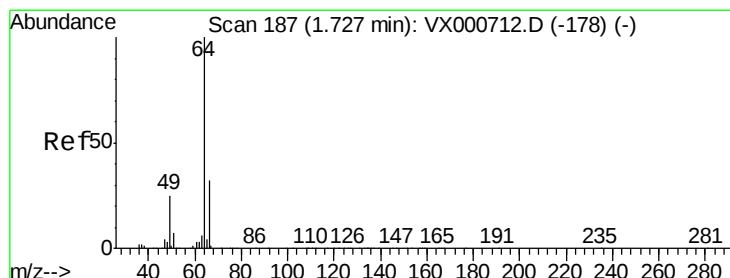
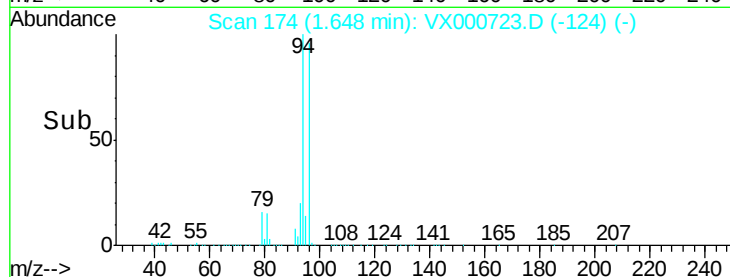
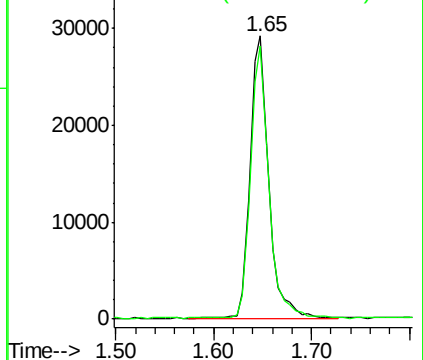
94 100

96 96.0 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.43 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000723.D

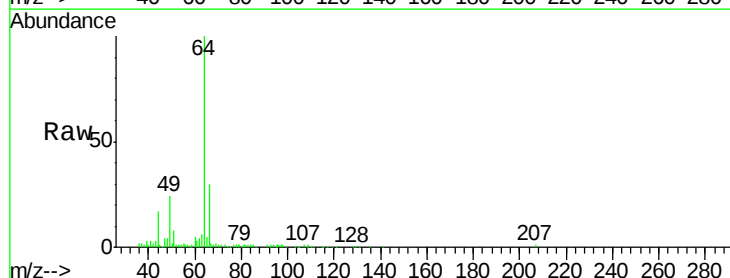
Acq: 08 Apr 2018 11:44

Tgt Ion: 64 Resp: 32521

Ion Ratio Lower Upper

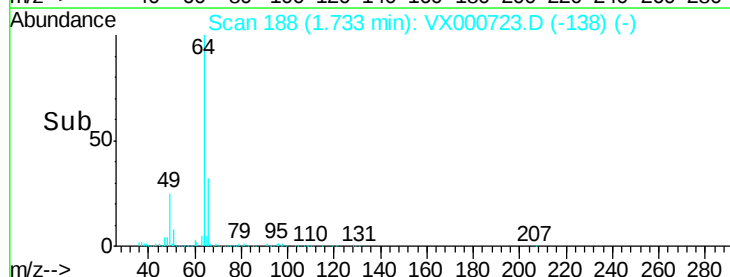
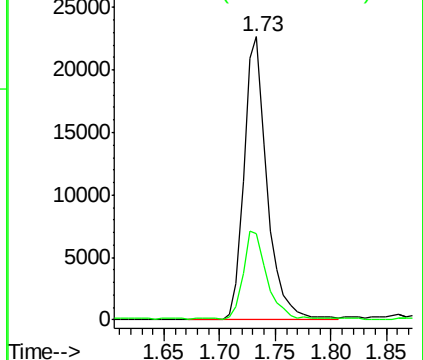
64 100

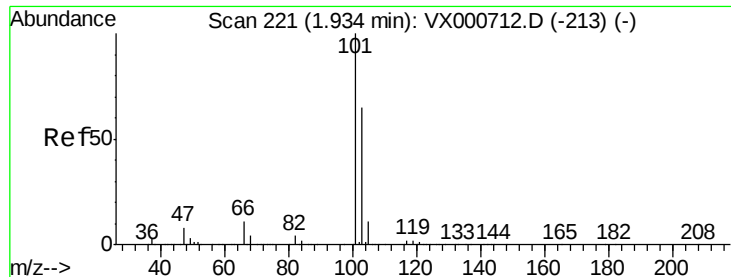
66 30.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



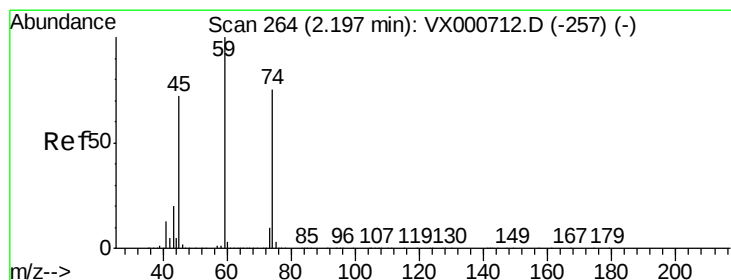
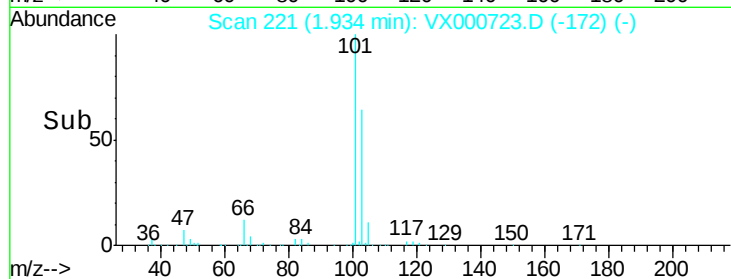
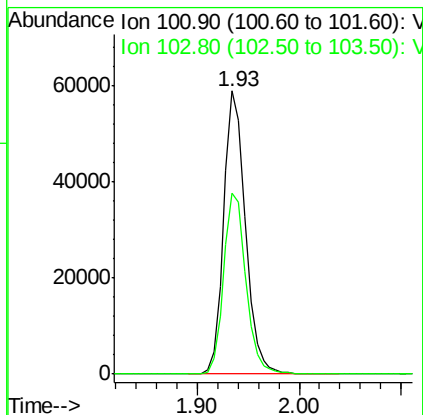
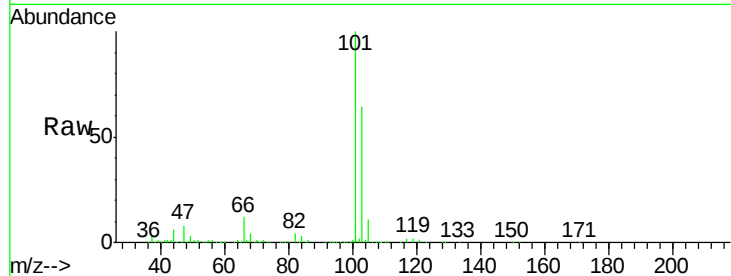


#7

Trichlorofluoromethane
 Concen: 18.51 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

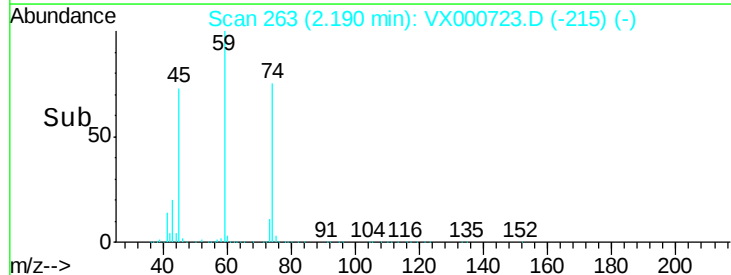
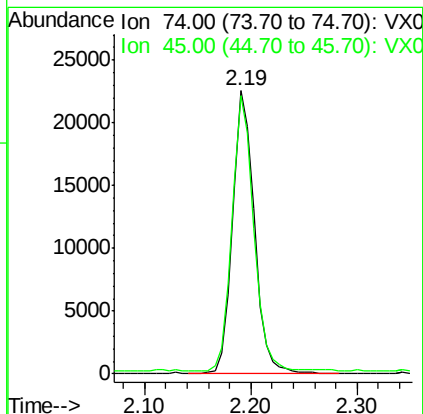
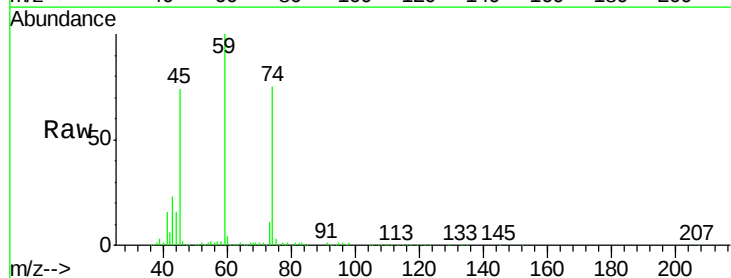
Tgt Ion:101 Resp: 87156
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.1 78.1

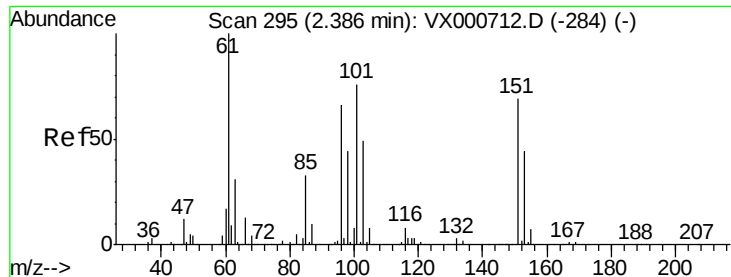


#8

Diethyl Ether
 Concen: 19.64 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 74 Resp: 32788
 Ion Ratio Lower Upper
 74 100
 45 96.1 48.4 145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.57 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

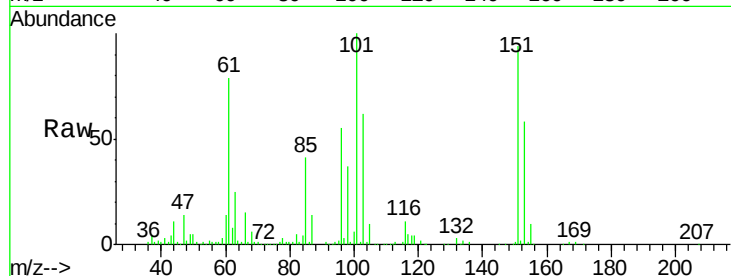
Tgt Ion:101 Resp: 53975

Ion Ratio Lower Upper

101 100

85 42.0 34.3 51.5

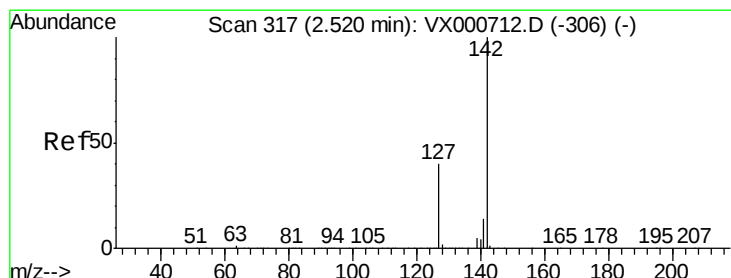
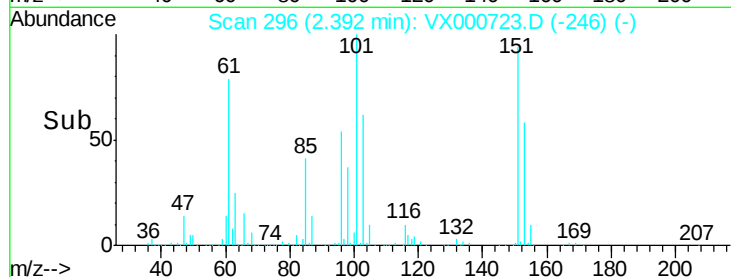
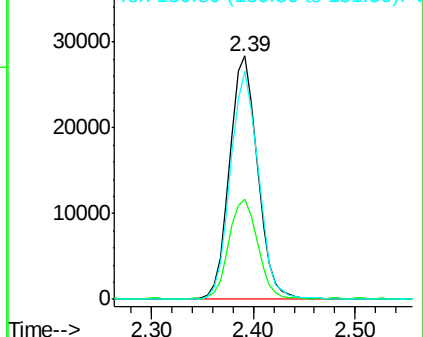
151 93.7 73.8 110.8



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



#10

Methyl Iodide

Concen: 19.02 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

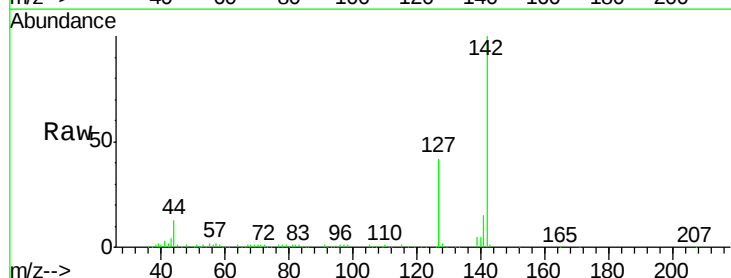
Tgt Ion:142 Resp: 45445

Ion Ratio Lower Upper

142 100

127 42.3 33.9 50.9

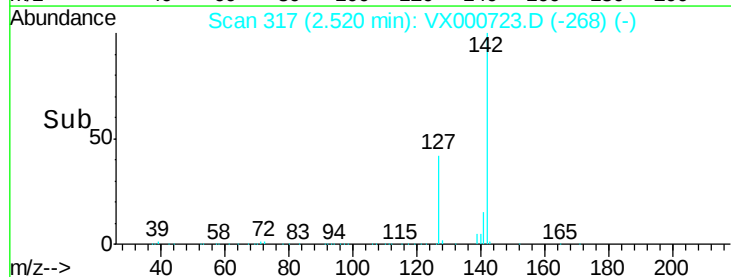
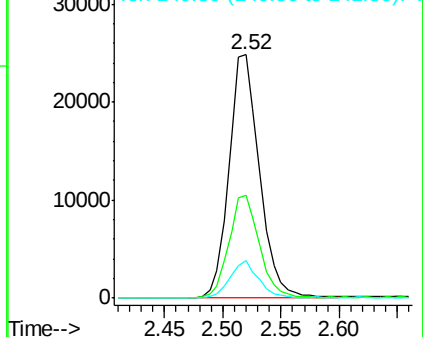
141 14.6 11.4 17.0

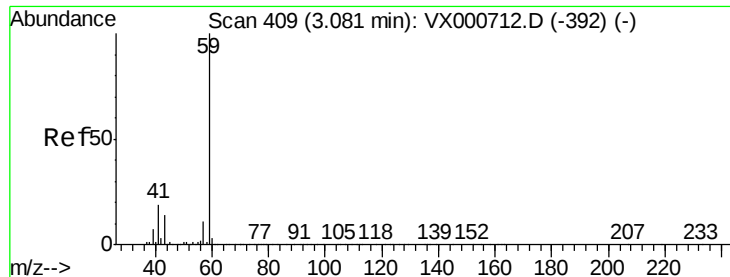


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

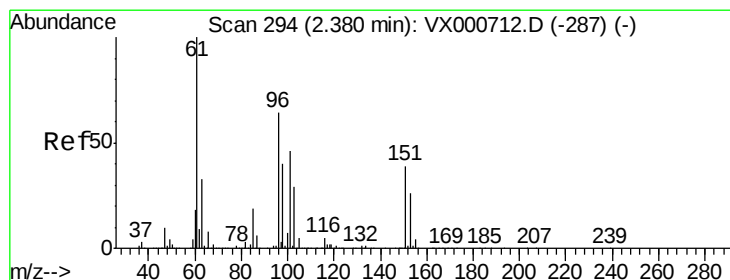
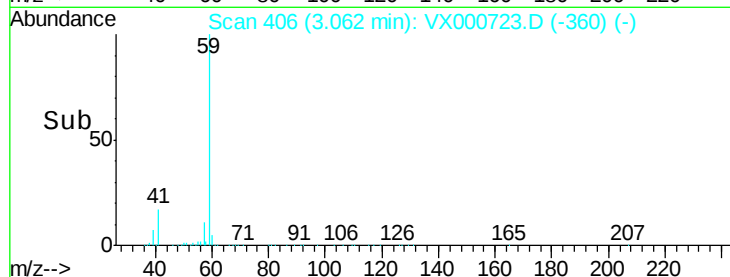
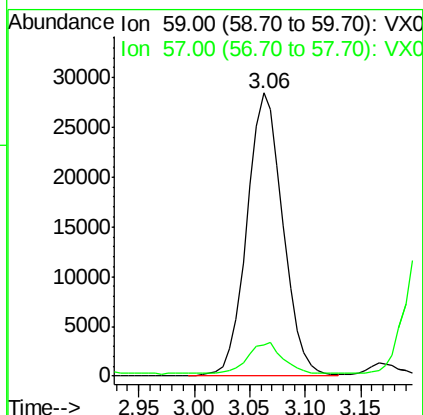
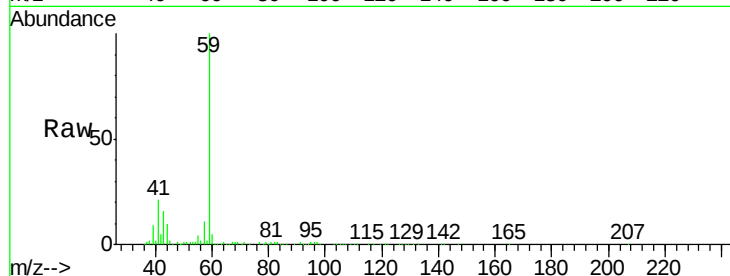




#11
Tert butyl alcohol
Concen: 93.50 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

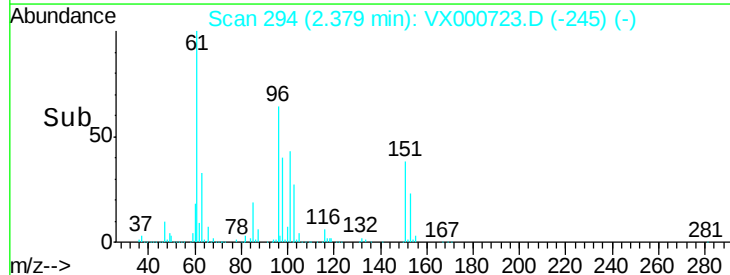
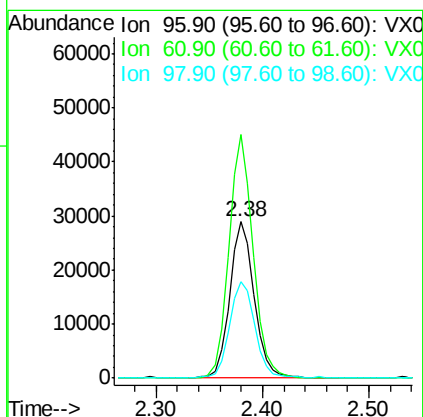
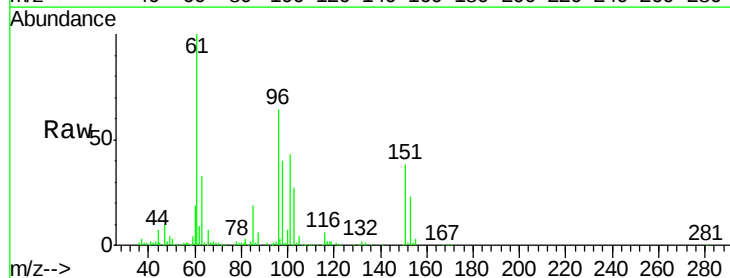
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

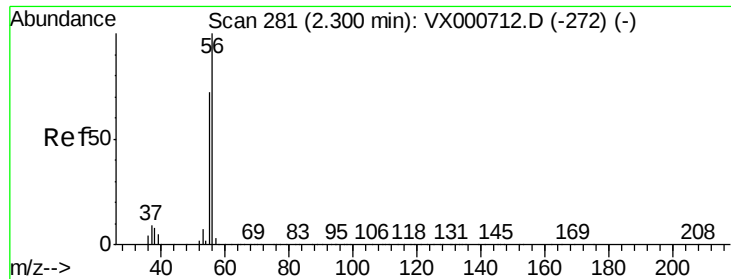
Tgt Ion: 59 Resp: 64297
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.64 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion: 96 Resp: 46167
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.4
98 61.8 50.5 75.7





#13

Acrolein

Concen: 81.84 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

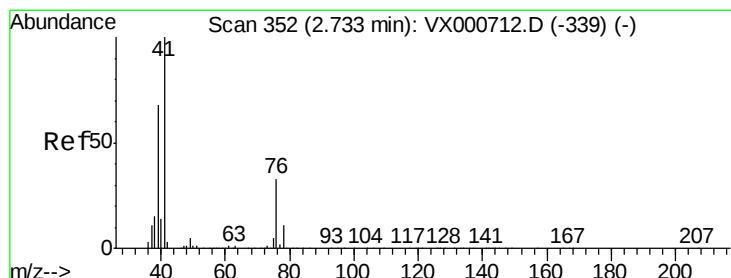
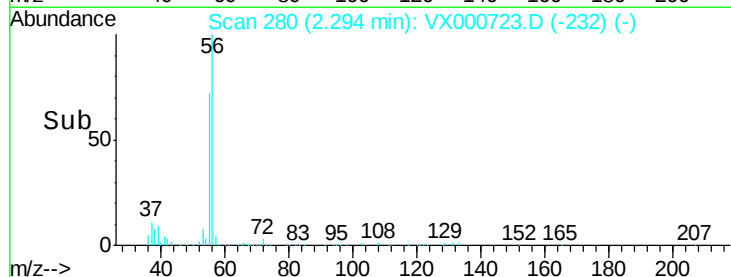
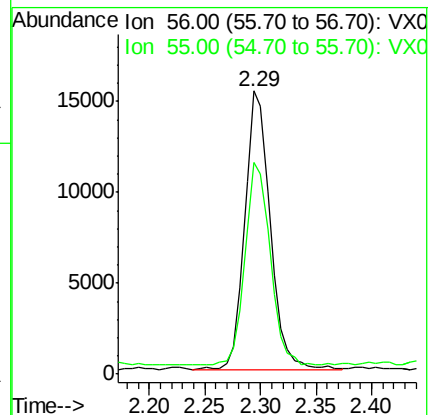
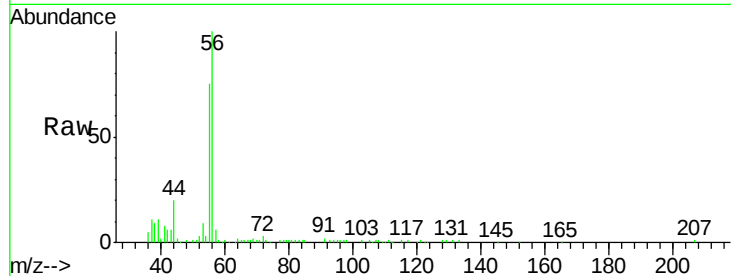
VX0408WBS01

Tgt Ion: 56 Resp: 24630

Ion Ratio Lower Upper

56 100

55 71.1 57.4 86.2



#14

Allyl chloride

Concen: 18.28 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

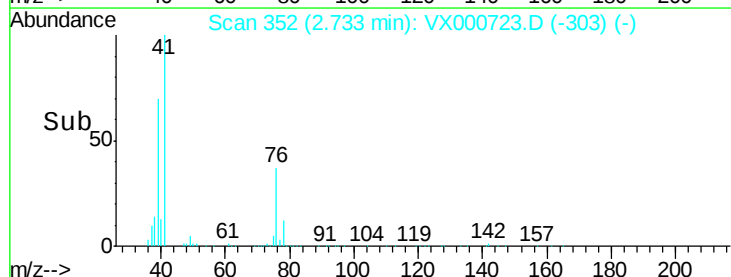
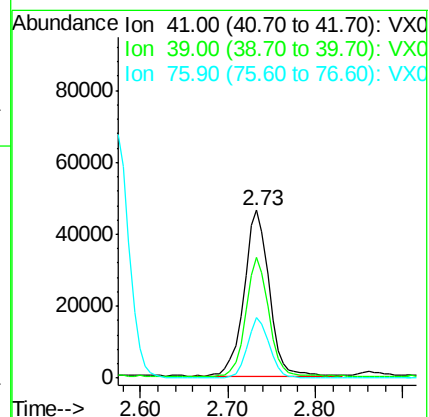
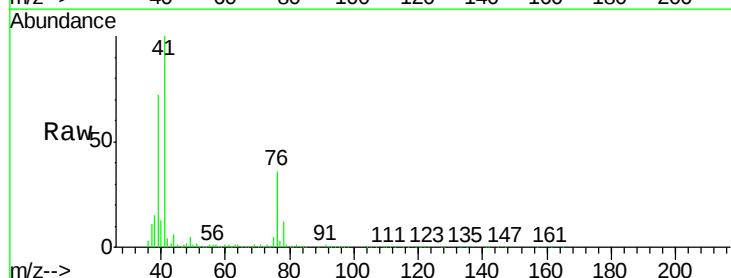
Tgt Ion: 41 Resp: 91506

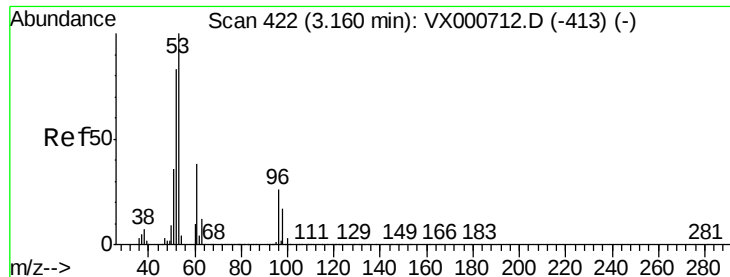
Ion Ratio Lower Upper

41 100

39 65.9 52.4 78.6

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 90.55 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

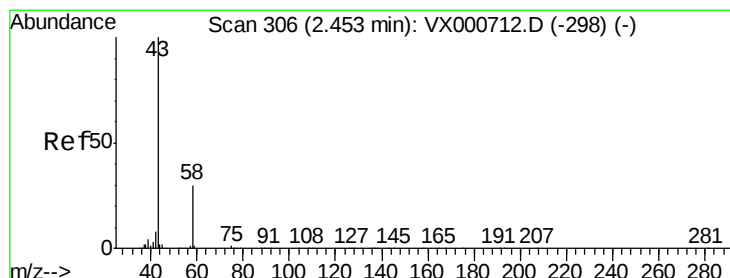
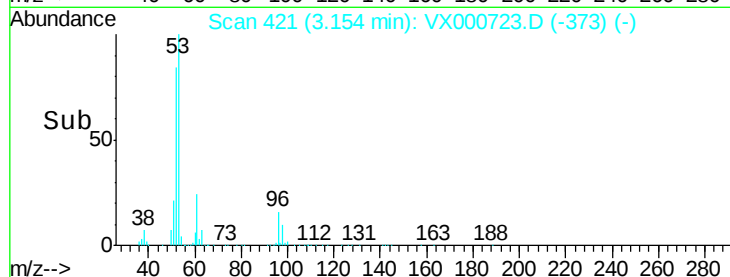
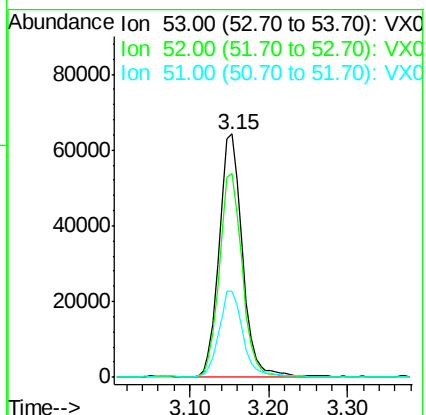
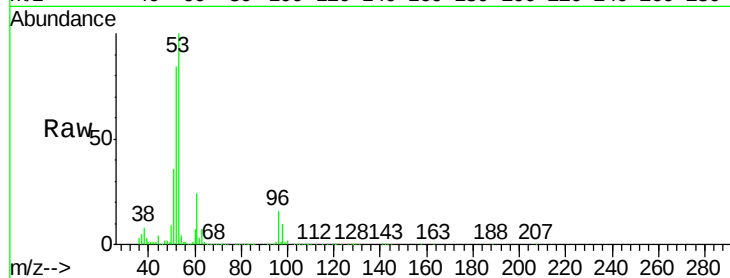
Tgt Ion: 53 Resp: 130501

Ion Ratio Lower Upper

53 100

52 83.1 66.1 99.1

51 36.6 29.1 43.7



#16

Acetone

Concen: 91.42 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000723.D

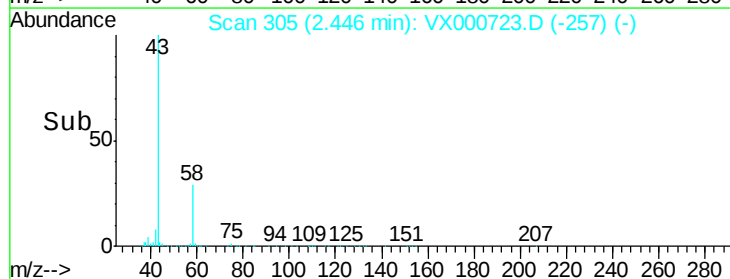
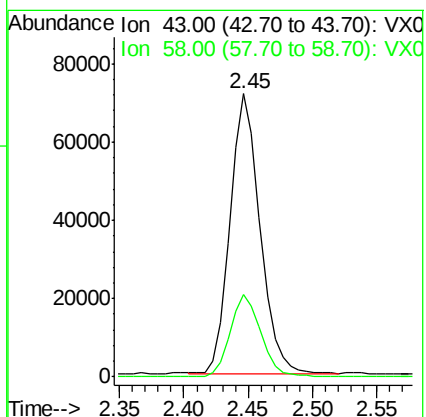
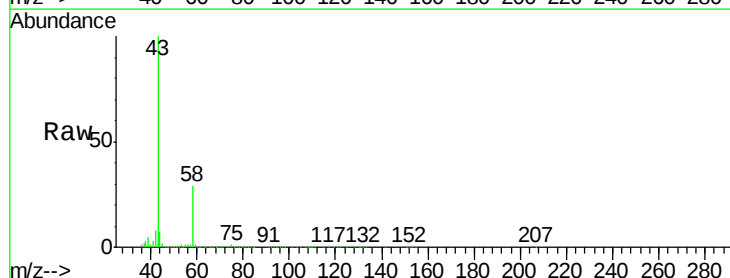
Acq: 08 Apr 2018 11:44

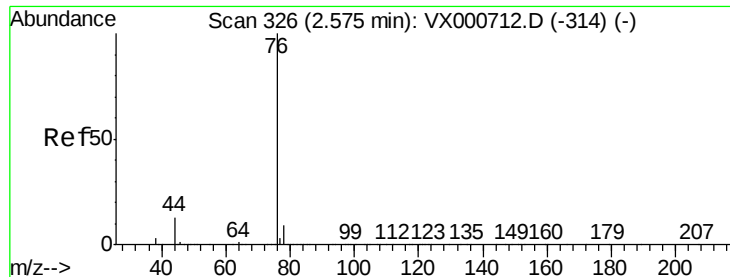
Tgt Ion: 43 Resp: 115882

Ion Ratio Lower Upper

43 100

58 29.2 24.0 36.0

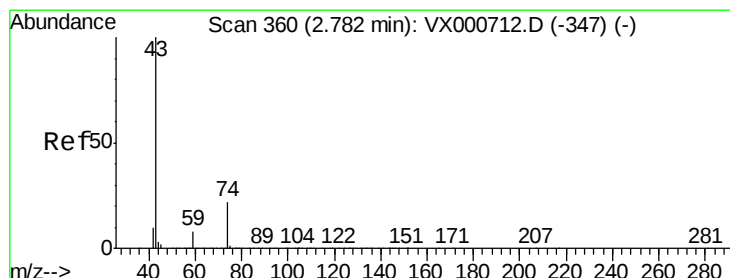
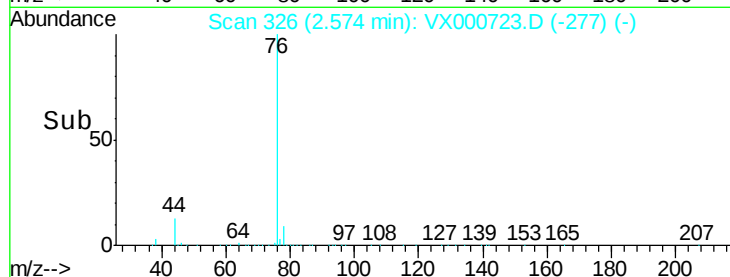
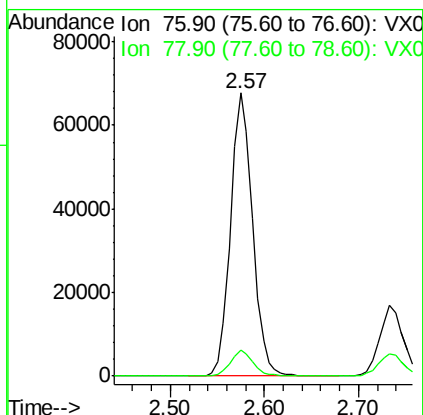
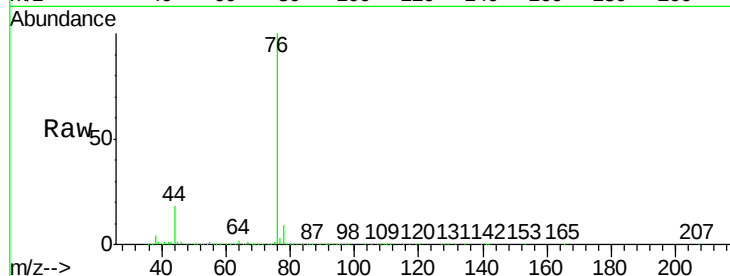




#17
Carbon Disulfide
Concen: 19.00 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

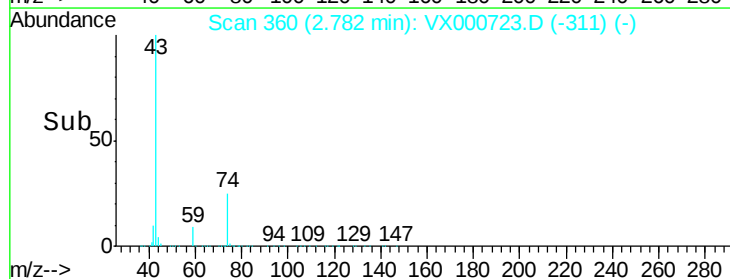
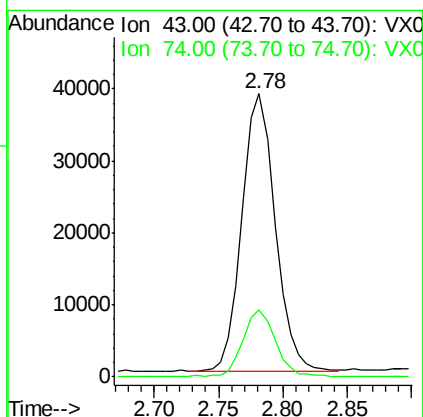
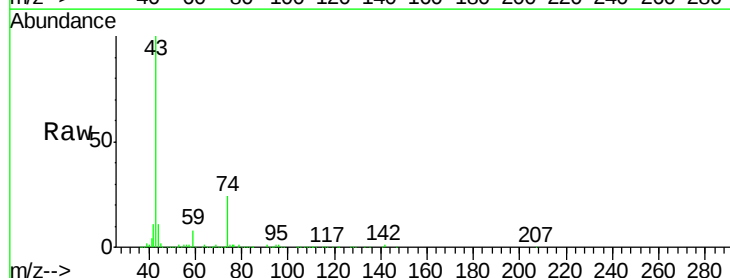
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

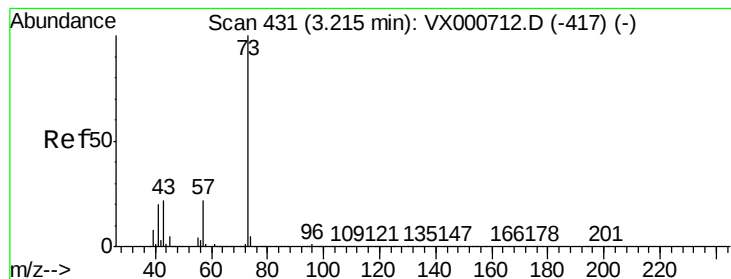
Tgt Ion: 76 Resp: 110148
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 18.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion: 43 Resp: 69380
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 18.90 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

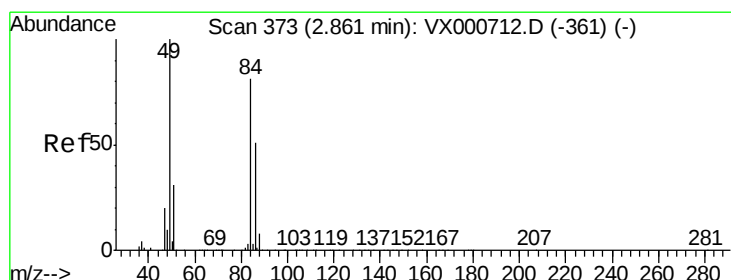
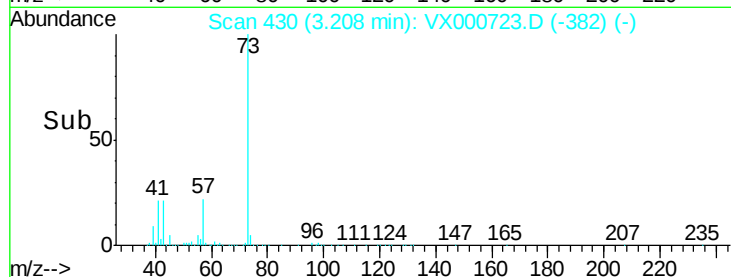
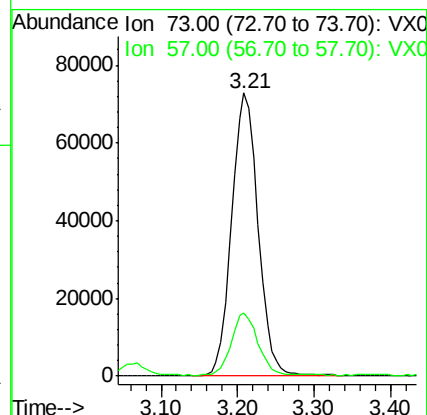
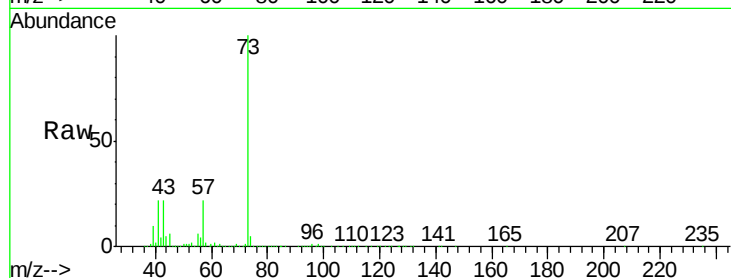
VX0408WBS01

Tgt Ion: 73 Resp: 174025

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



#20

Methylene Chloride

Concen: 17.24 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Tgt Ion: 84 Resp: 52172

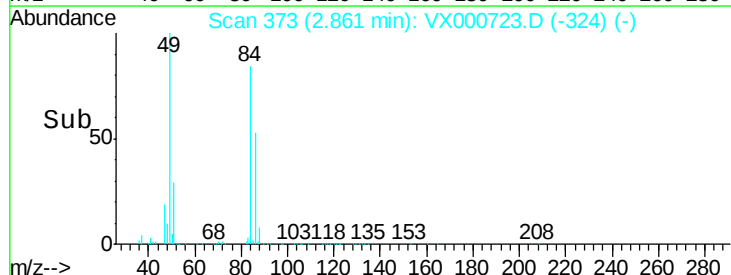
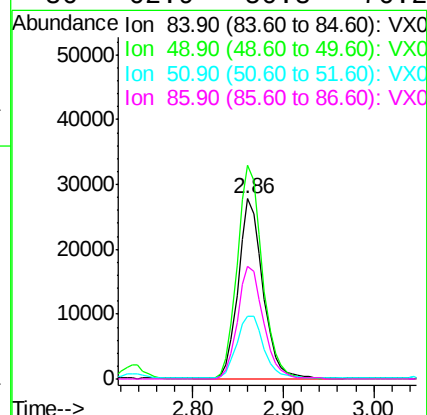
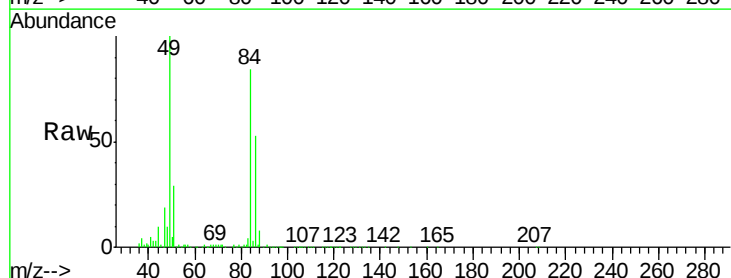
Ion Ratio Lower Upper

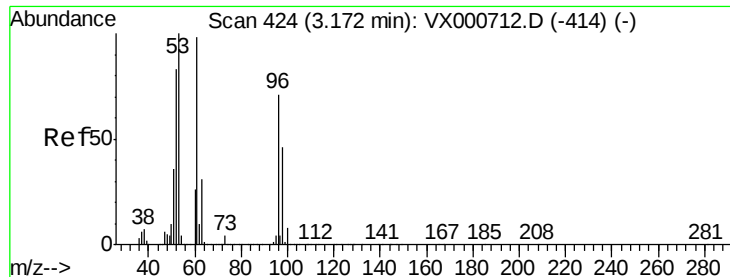
84 100

49 119.0 98.6 148.0

51 34.2 30.8 46.2

86 62.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.10 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

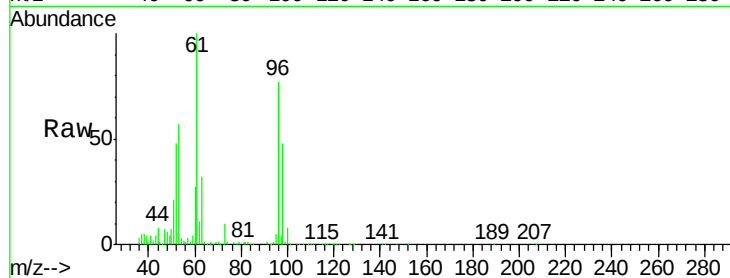
Tgt Ion: 96 Resp: 50570

Ion Ratio Lower Upper

96 100

61 129.4 109.8 164.6

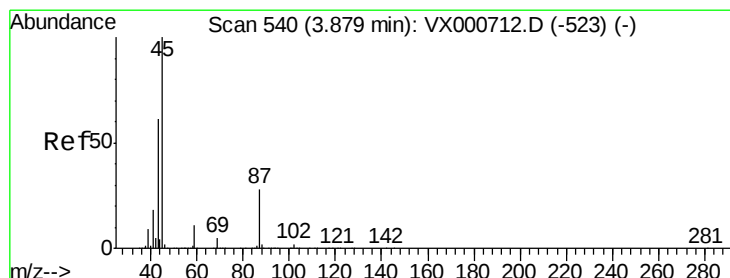
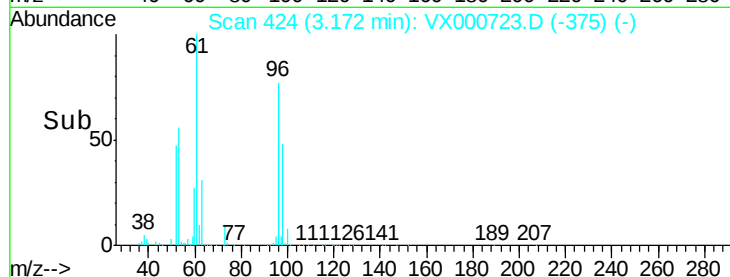
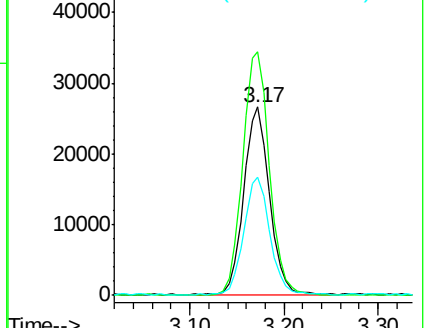
98 62.4 51.5 77.3



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



#22

Diisopropyl ether

Concen: 17.77 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Tgt Ion: 45 Resp: 174304

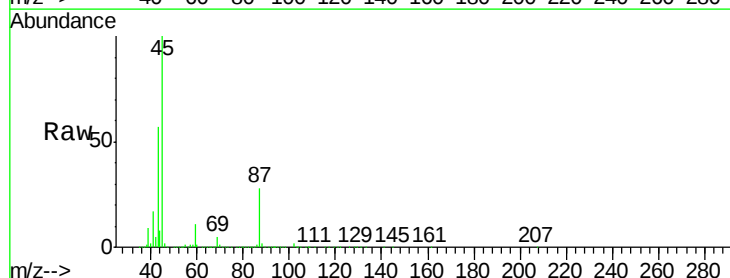
Ion Ratio Lower Upper

45 100

43 55.9 49.2 73.8

87 27.9 22.7 34.1

59 11.3 9.0 13.4

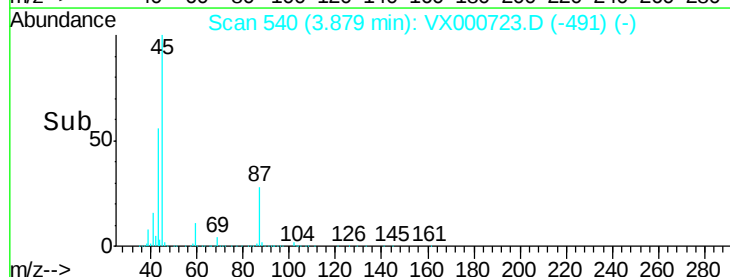
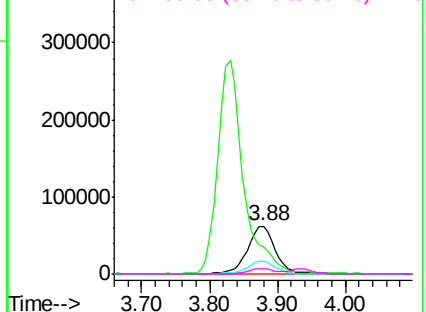


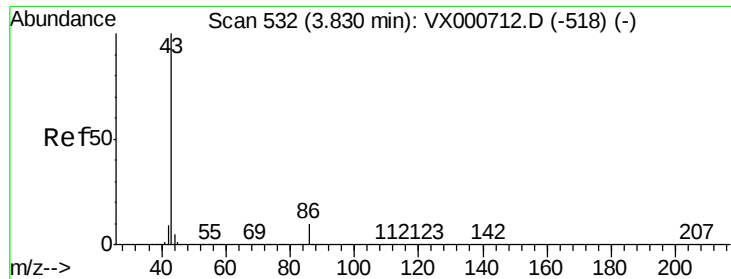
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.63 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

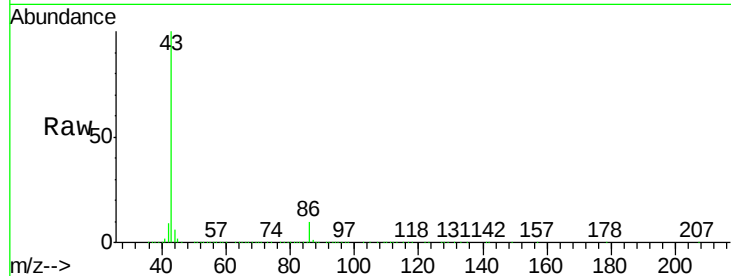
VX0408WBS01

Tgt Ion: 43 Resp: 728041

Ion Ratio Lower Upper

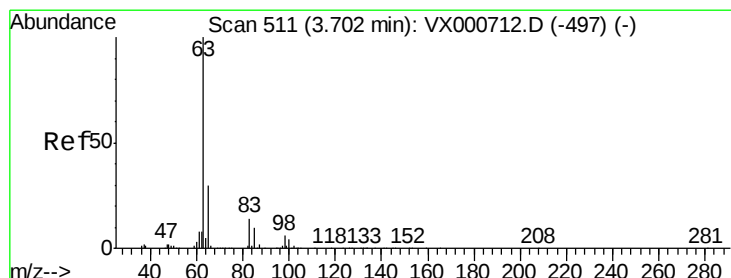
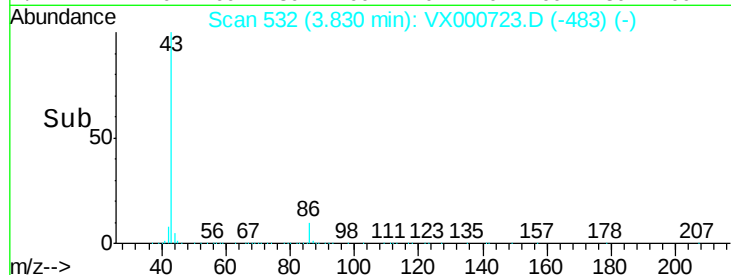
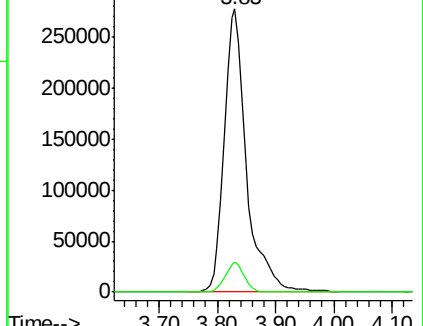
43 100

86 10.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.47 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

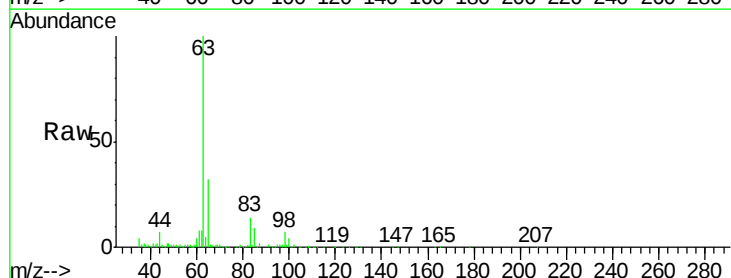
Tgt Ion: 63 Resp: 94833

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

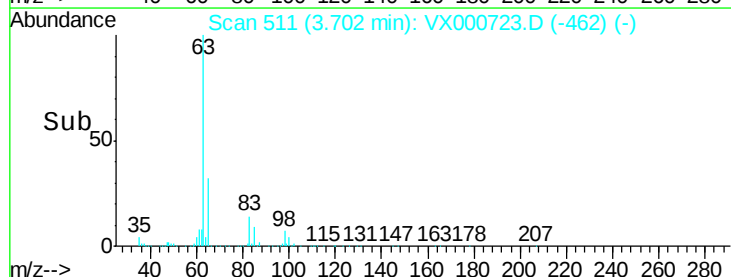
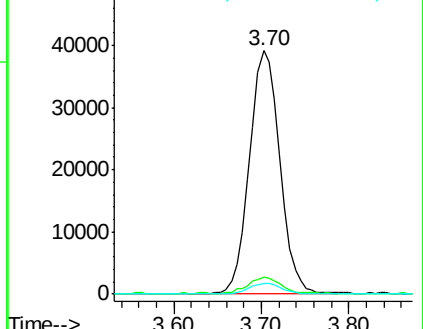
100 4.4 2.1 6.3

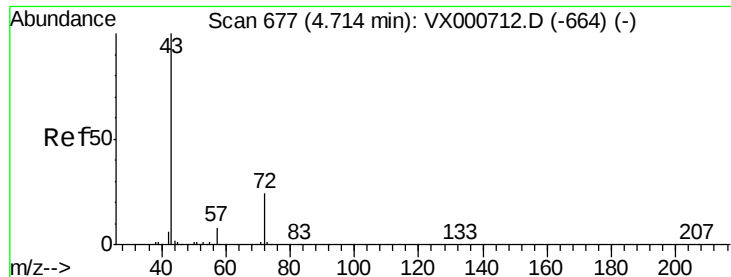


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

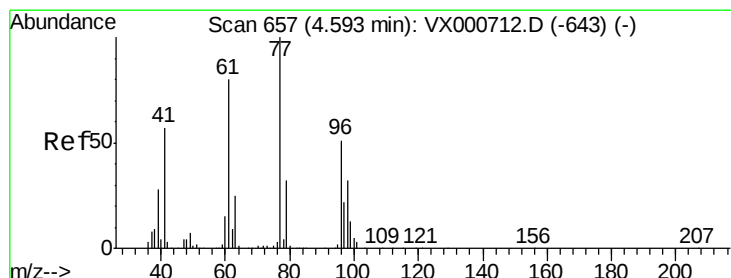
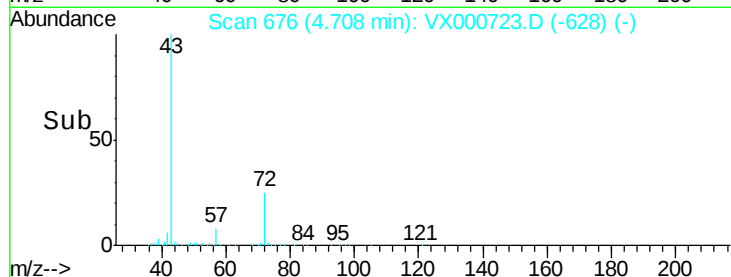
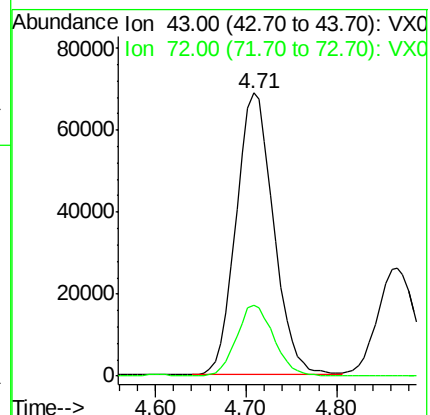
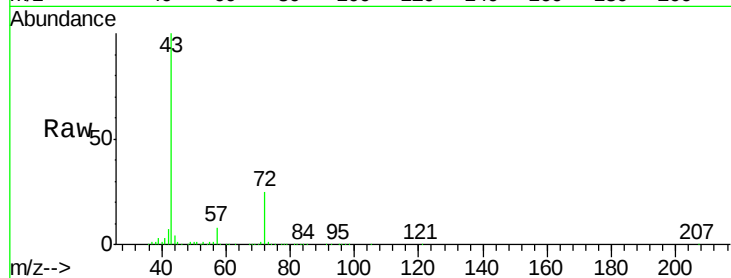
VX0408WBS01

Tgt Ion: 43 Resp: 196436

Ion Ratio Lower Upper

43 100

72 24.9 19.0 28.4



#26

2,2-Dichloropropane

Concen: 18.73 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000723.D

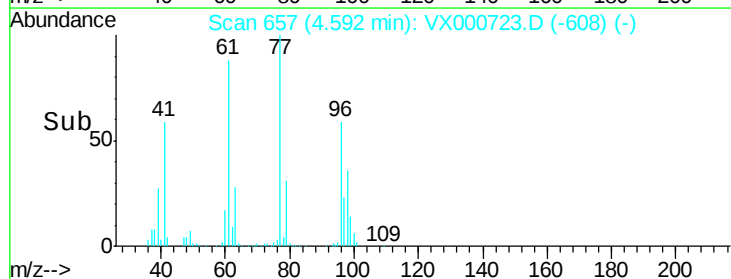
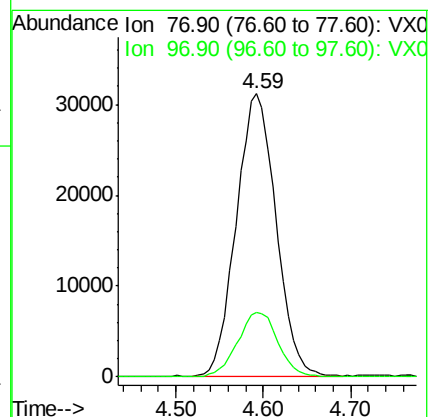
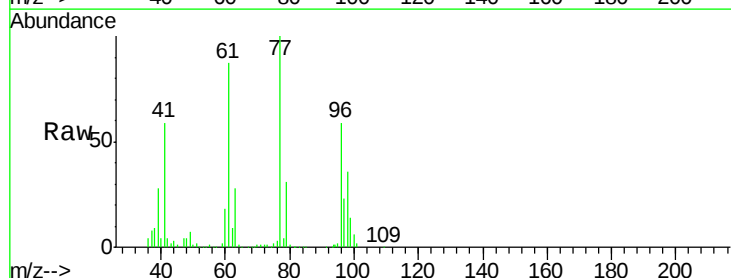
Acq: 08 Apr 2018 11:44

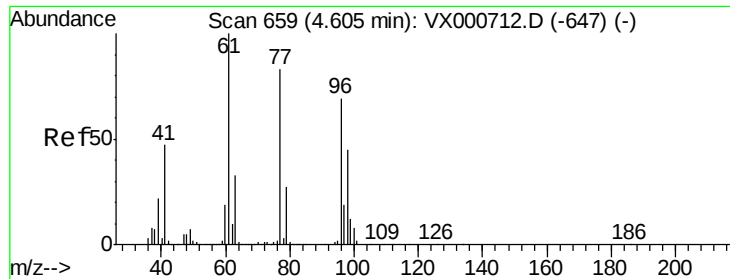
Tgt Ion: 77 Resp: 97913

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9



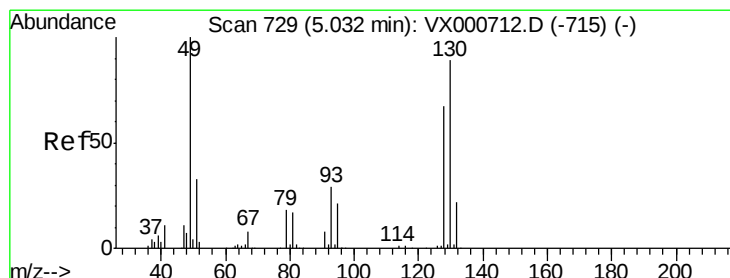
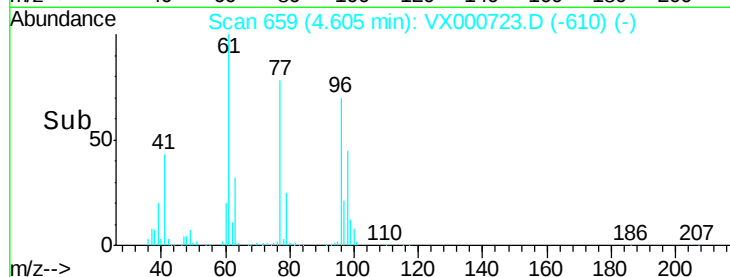
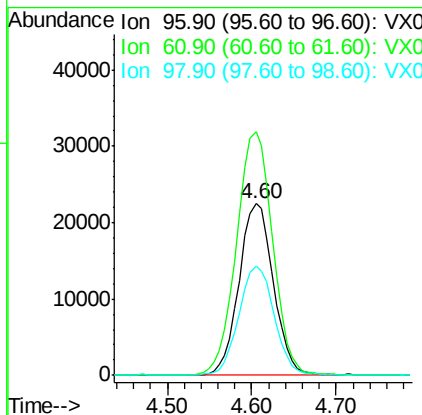
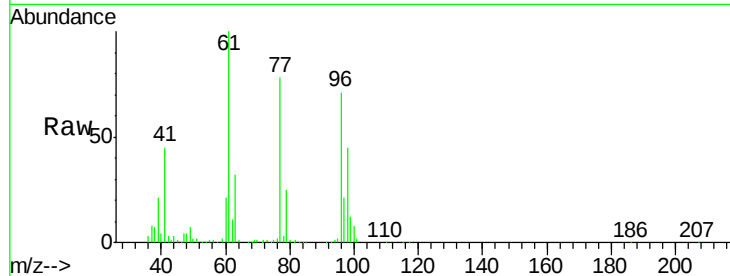


#27

cis-1,2-Dichloroethene
 Concen: 18.43 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

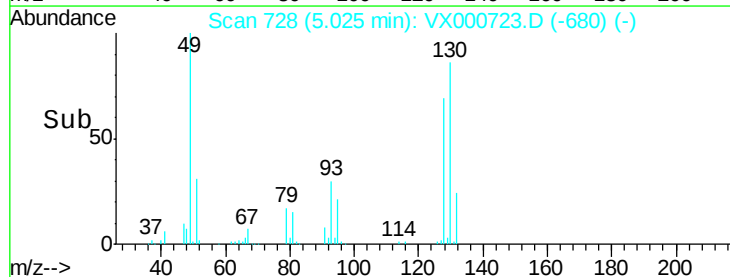
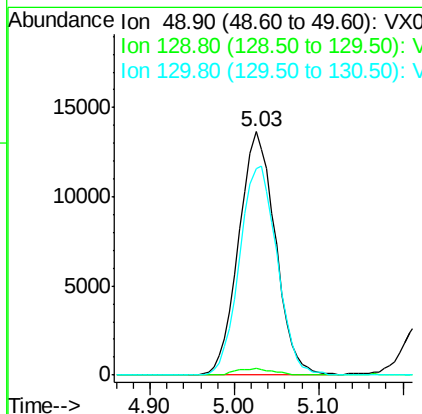
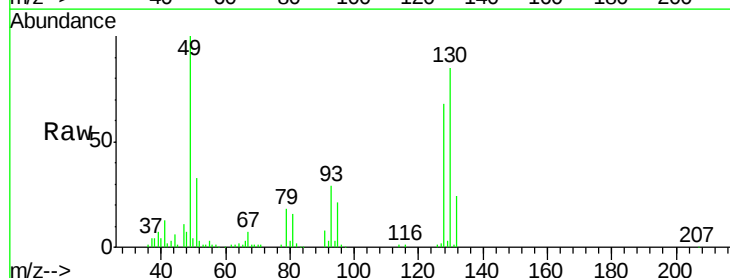
Tgt Ion: 96 Resp: 62381
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 301.0
 98 64.6 0.0 129.6

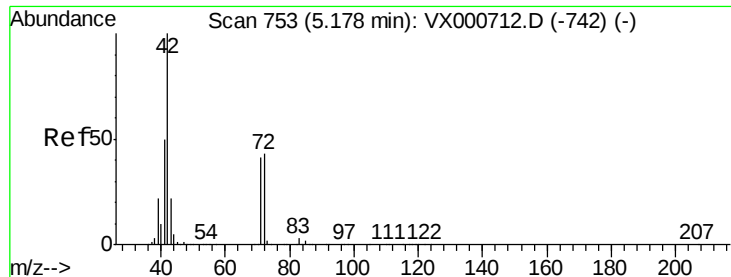


#28

Bromochloromethane
 Concen: 17.38 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 49 Resp: 40296
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 87.7 69.0 103.4

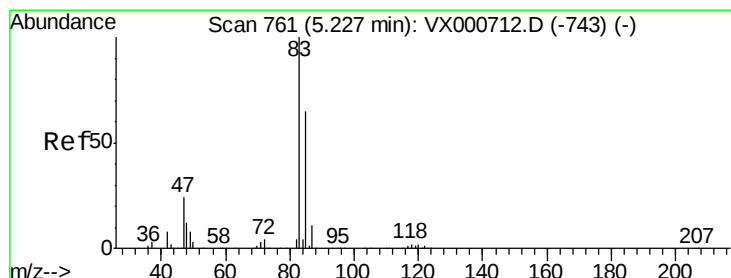
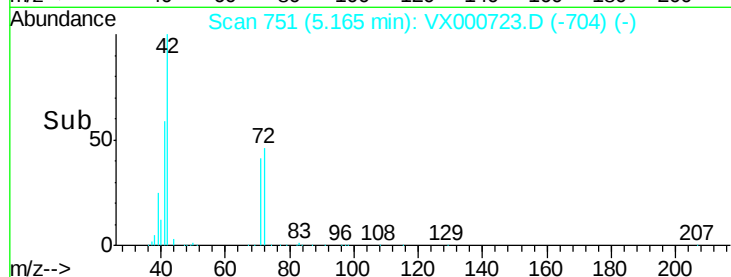
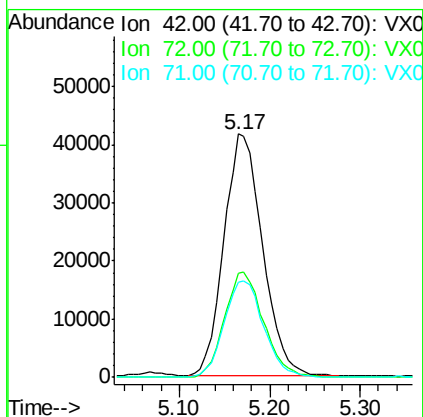
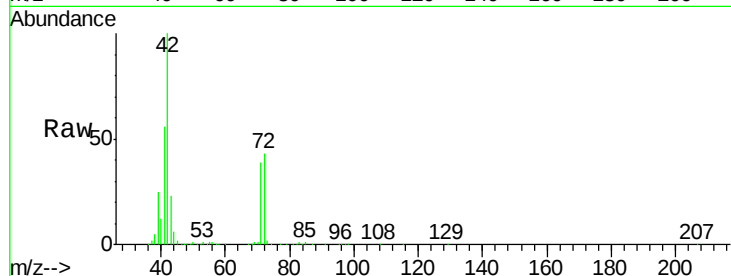




#29
Tetrahydrofuran
Concen: 87.07 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

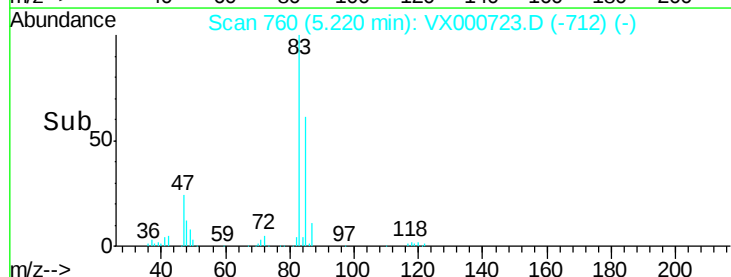
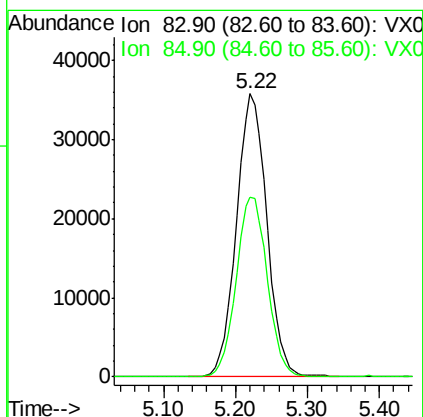
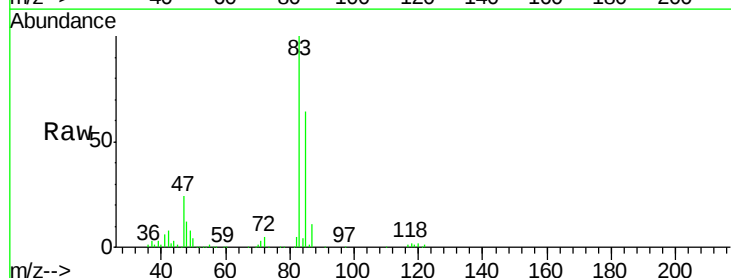
Instrument :
MSVOA_X
ClientSampled :
VX0408WBS01

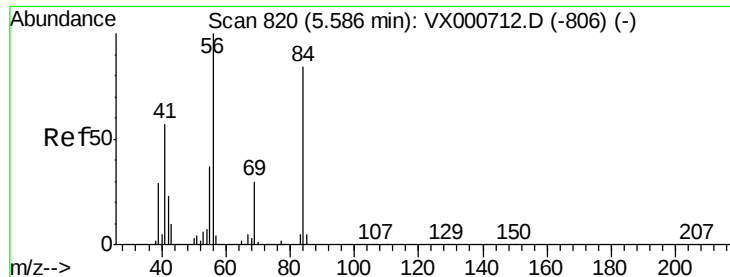
Tgt Ion: 42 Resp: 122878
Ion Ratio Lower Upper
42 100
72 44.3 34.4 51.6
71 41.0 32.0 48.0



#30
Chloroform
Concen: 18.69 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion: 83 Resp: 104371
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5

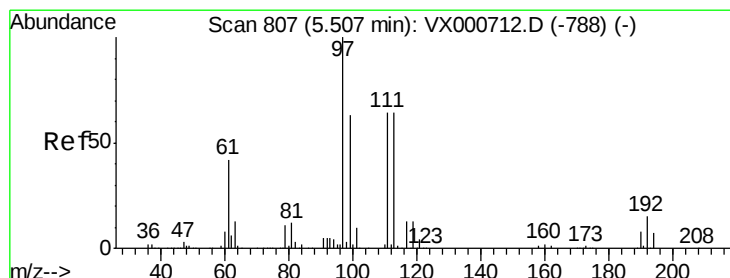
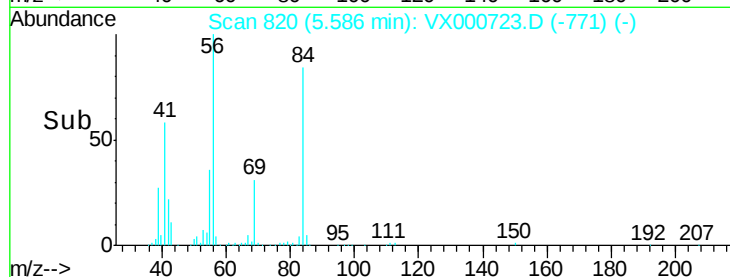
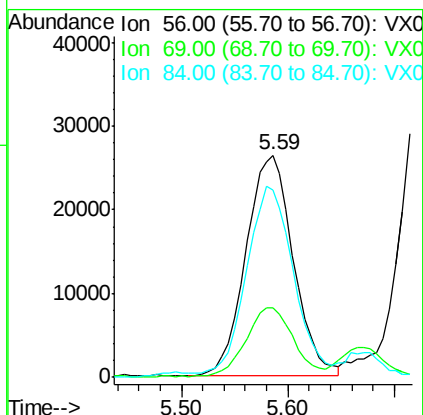
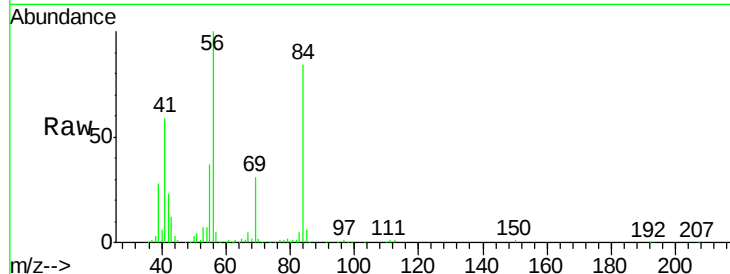




#31
Cyclohexane
Concen: 18.82 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

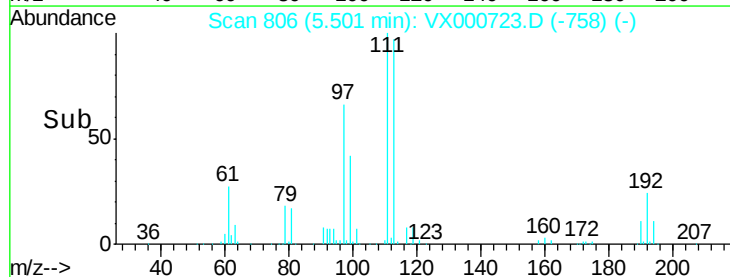
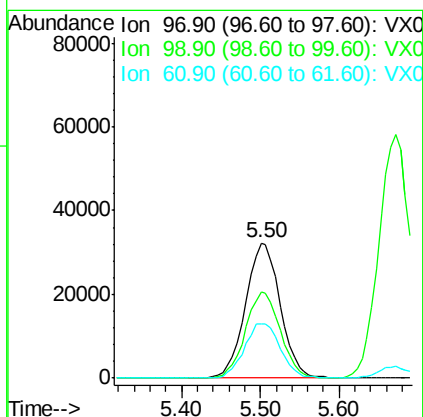
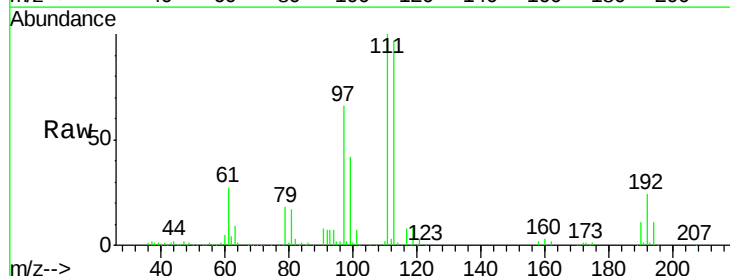
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

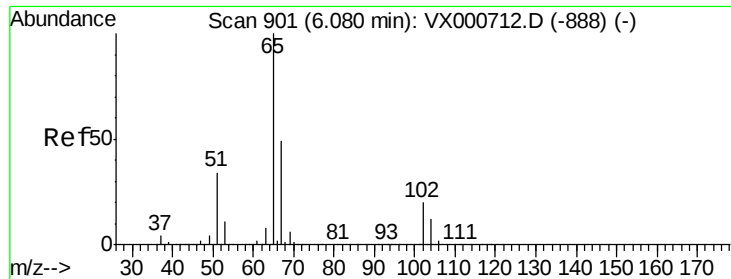
Tgt Ion: 56 Resp: 82156
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.6
84 83.1 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 18.54 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion: 97 Resp: 98651
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 42.4 34.2 51.4

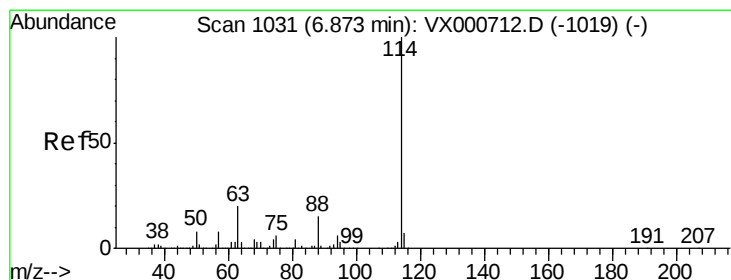
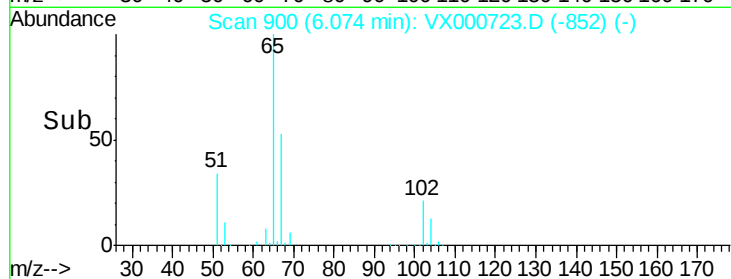
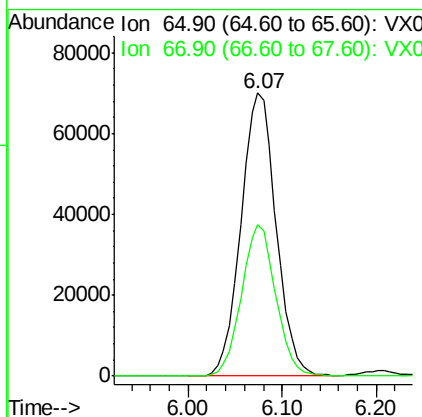
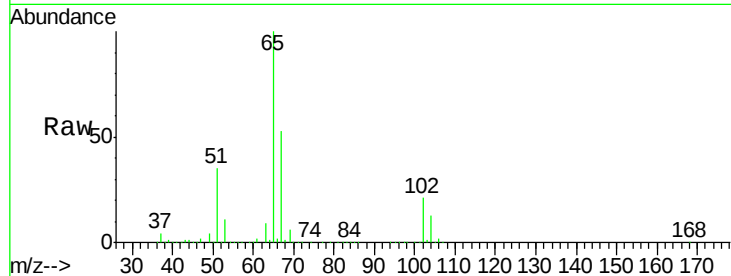




#33
 1,2-Dichloroethane-d4
 Concen: 45.22 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

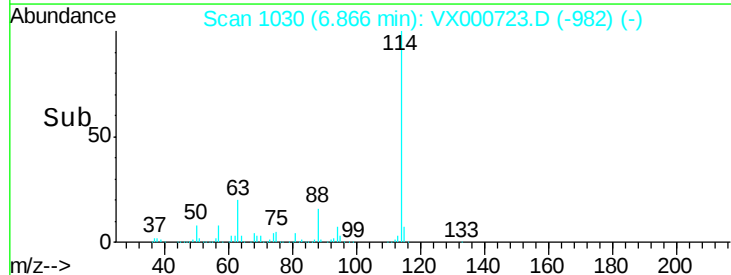
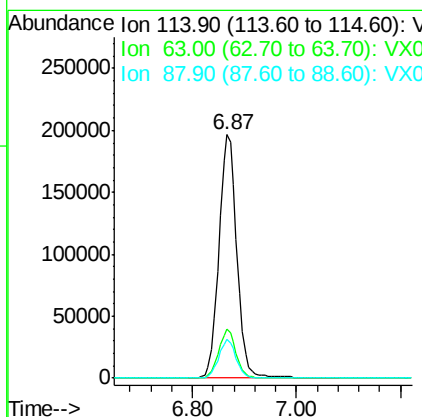
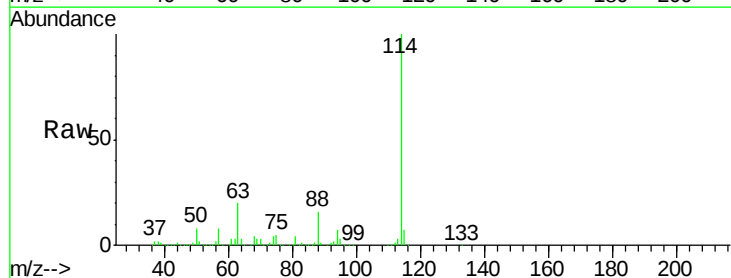
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

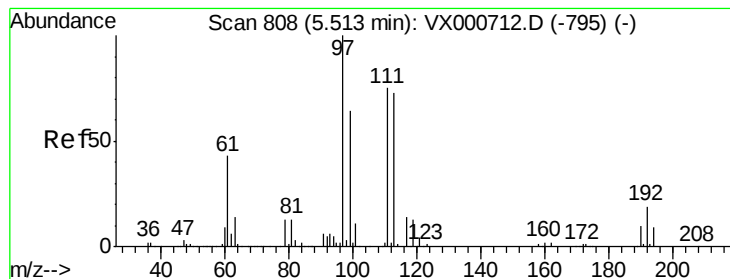
Tgt Ion: 65 Resp: 182747
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 114 Resp: 474674
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampled :

VX0408WBS01

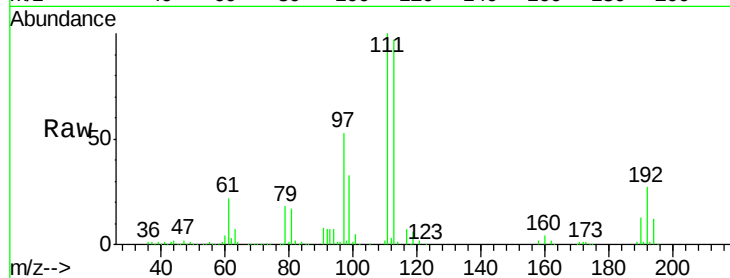
Tgt Ion:113 Resp: 150226

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

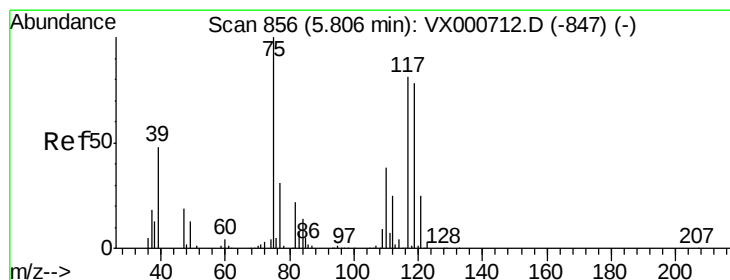
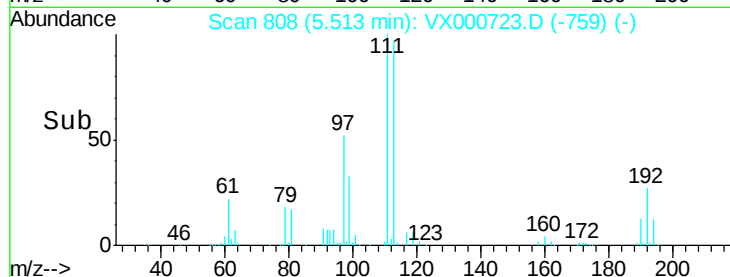
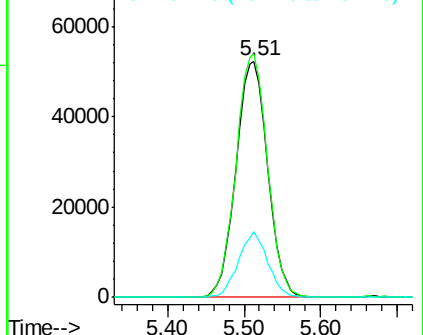
192 25.9 20.0 30.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.72 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

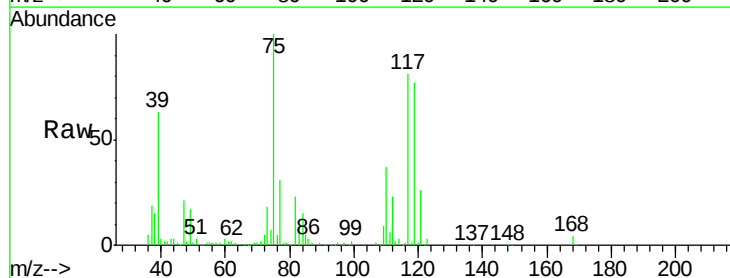
Tgt Ion: 75 Resp: 76111

Ion Ratio Lower Upper

75 100

110 38.4 18.6 56.0

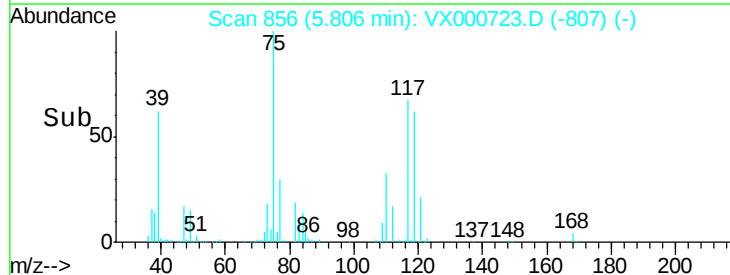
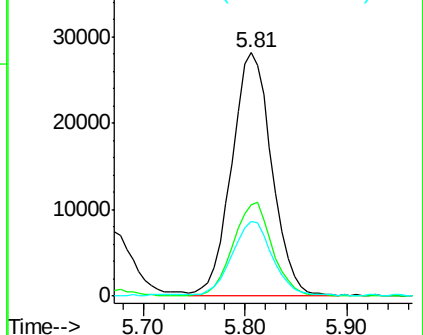
77 30.8 24.6 37.0

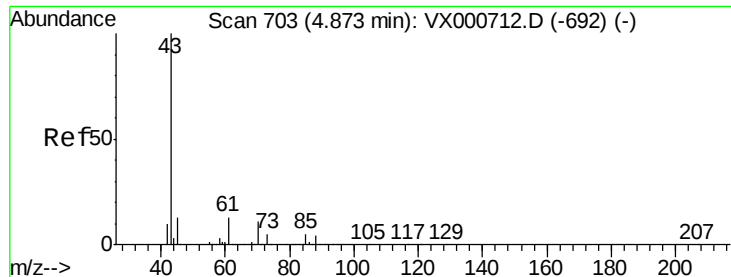


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

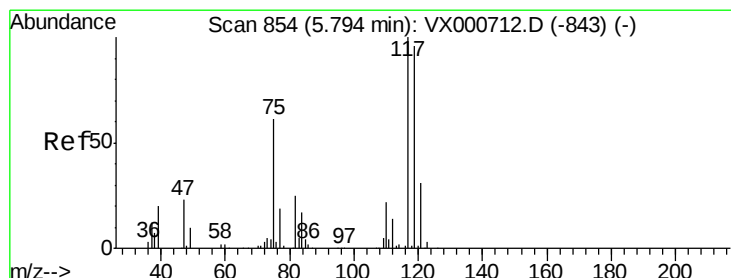
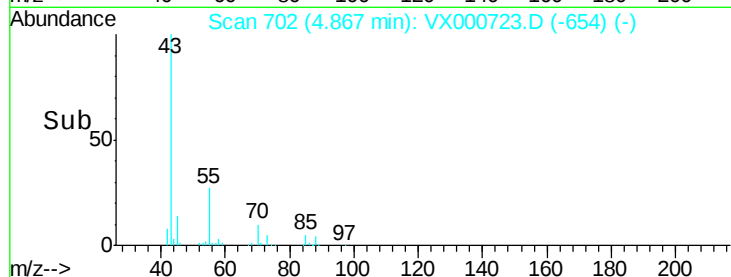
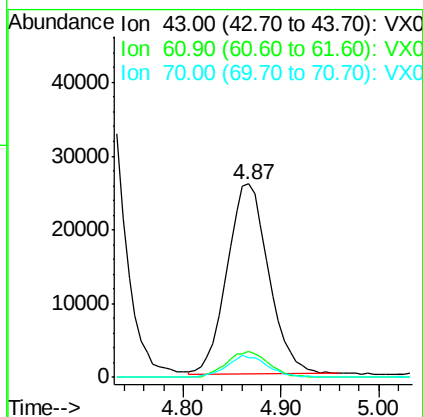
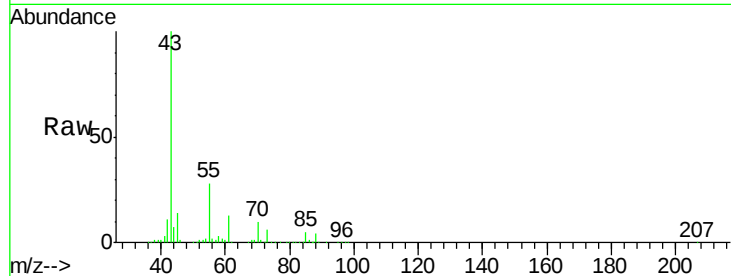




#37
 Ethyl Acetate
 Concen: 17.21 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

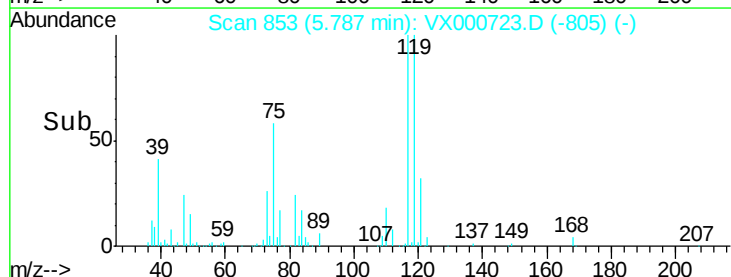
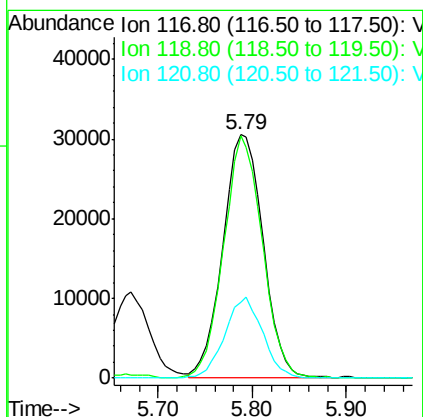
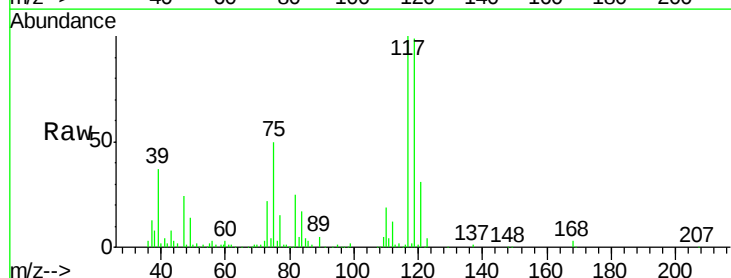
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

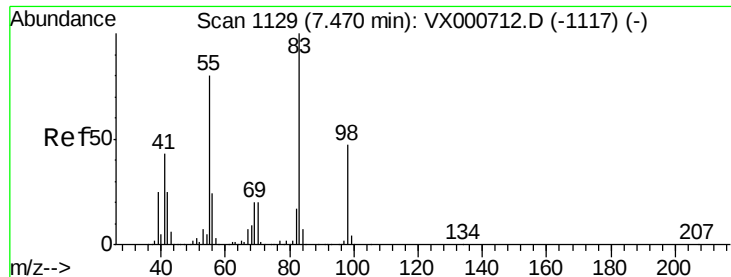
Tgt Ion: 43 Resp: 75502
 Ion Ratio Lower Upper
 43 100
 61 13.9 10.5 15.7
 70 10.9 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 19.05 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 117 Resp: 90756
 Ion Ratio Lower Upper
 117 100
 119 99.4 76.7 115.1
 121 31.3 24.7 37.1

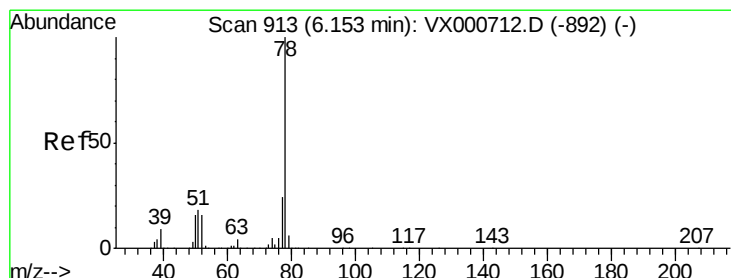
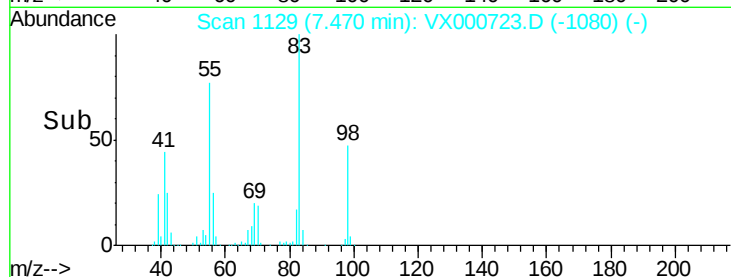
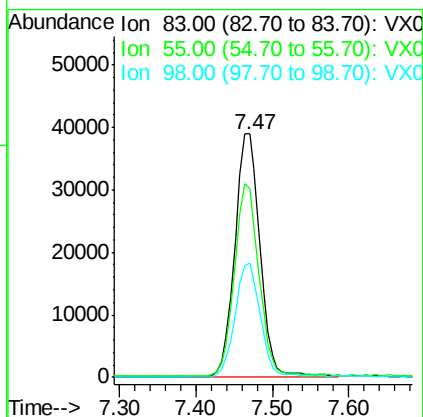
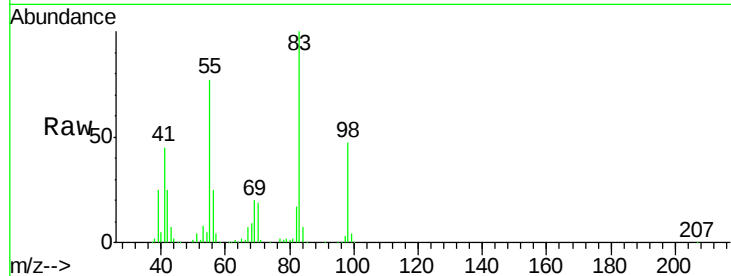




#39
Methylcyclohexane
Concen: 19.47 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

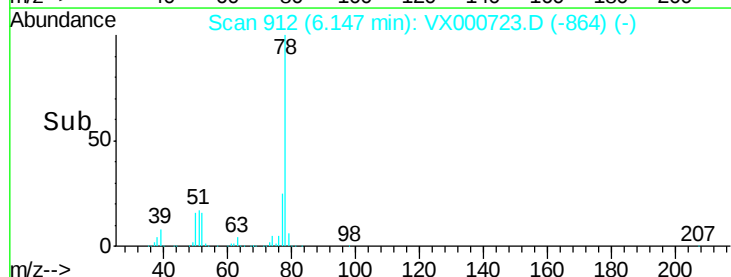
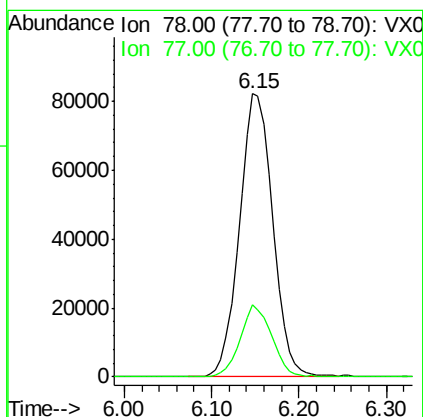
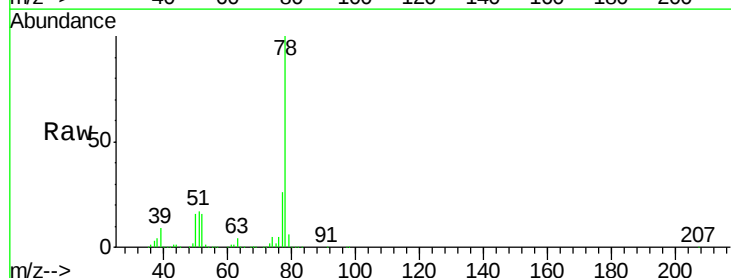
Instrument :
MSVOA_X
ClientSampled :
VX0408WBS01

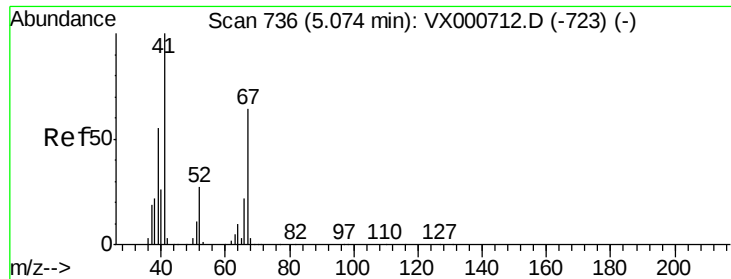
Tgt Ion: 83 Resp: 88651
Ion Ratio Lower Upper
83 100
55 77.0 63.7 95.5
98 47.1 37.2 55.8



#40
Benzene
Concen: 19.07 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion: 78 Resp: 218021
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.4

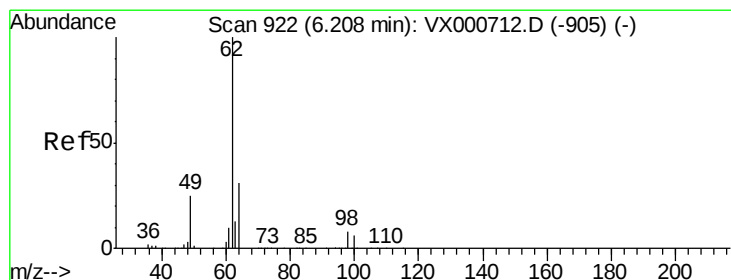
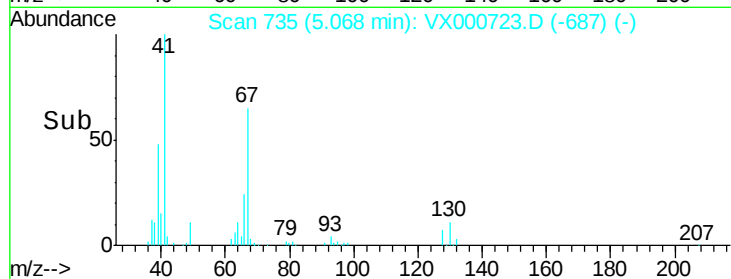
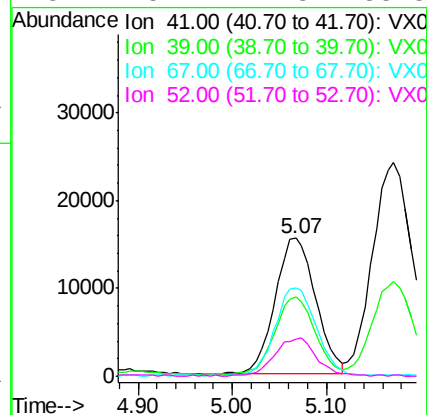
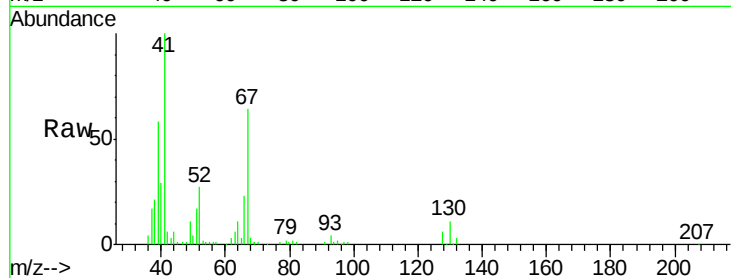




#41
Methacrylonitrile
Concen: 18.29 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

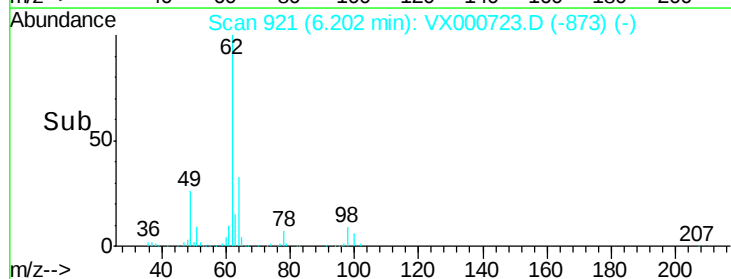
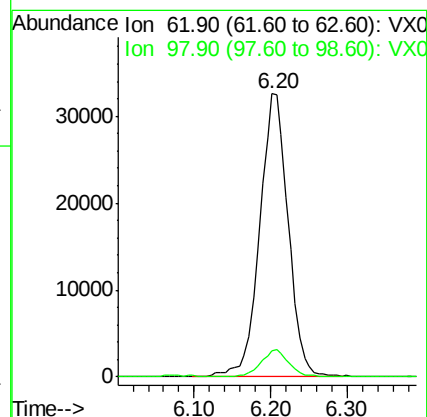
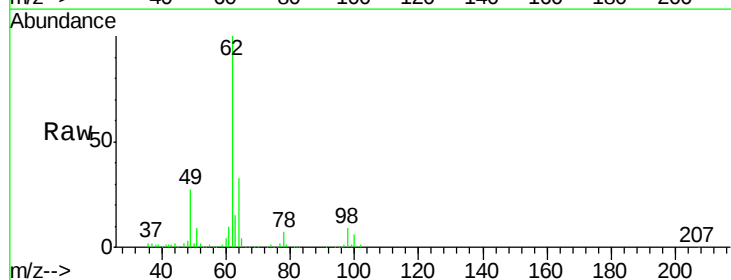
Instrument :
MSVOA_X
ClientSampled :
VX0408WBS01

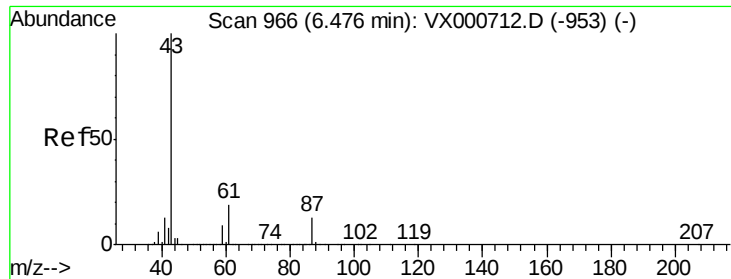
Tgt Ion:	41	Resp:	46505
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.3	67.9
67	65.8	52.7	79.1
52	28.1	22.3	33.5



#42
1,2-Dichloroethane
Concen: 18.81 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion:	62	Resp:	84822
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2



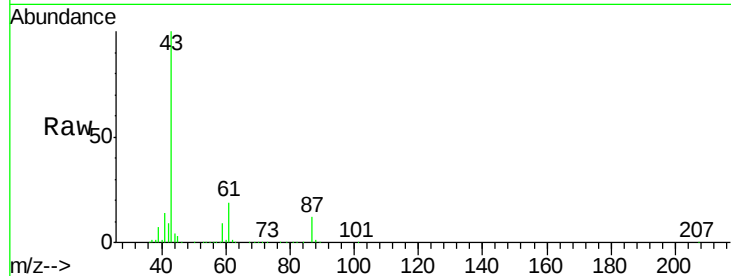


#43

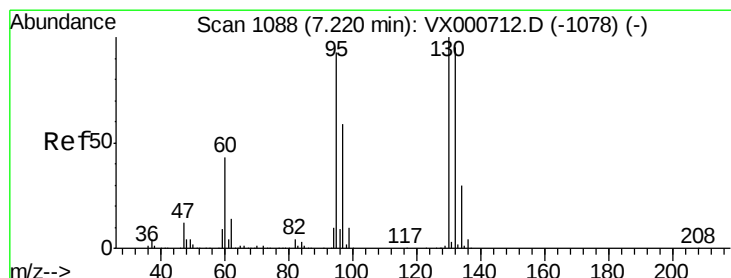
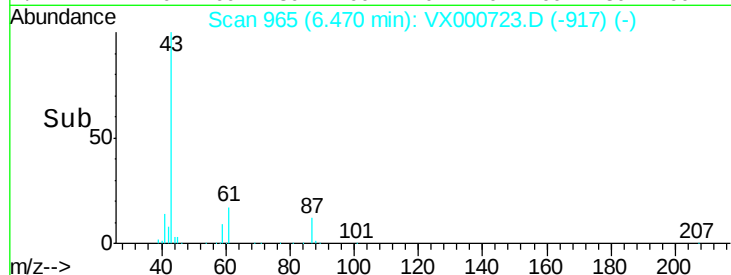
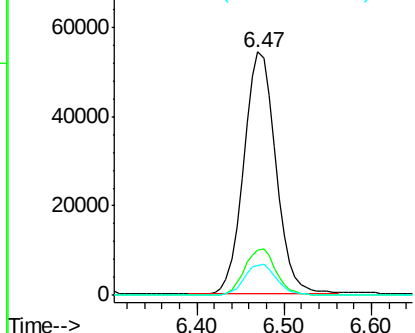
Isopropyl Acetate
 Concen: 18.03 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Tgt Ion: 43 Resp: 137784
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.4 23.0
 87 12.9 10.4 15.6



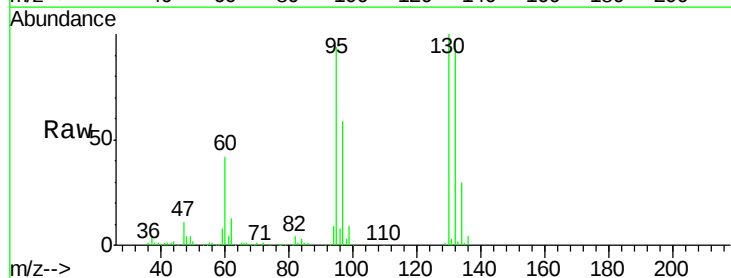
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



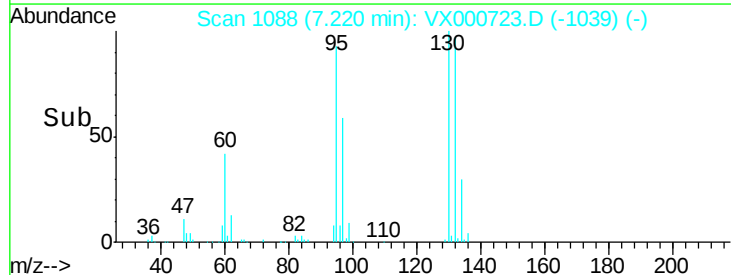
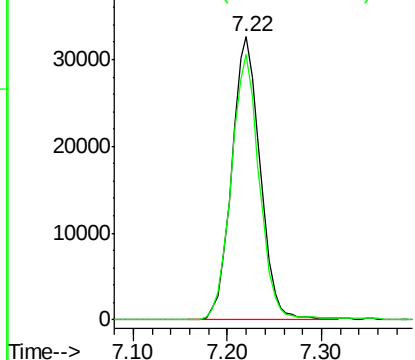
#44

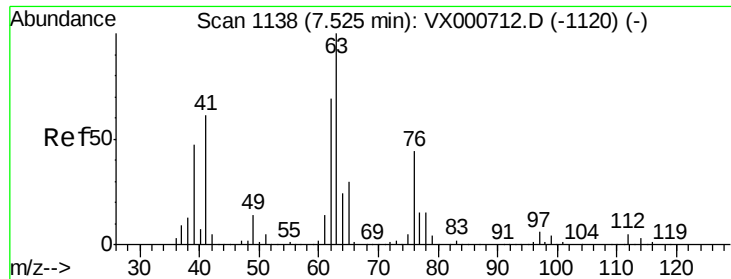
Trichloroethene
 Concen: 19.62 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 130 Resp: 68184
 Ion Ratio Lower Upper
 130 100
 95 93.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.14 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

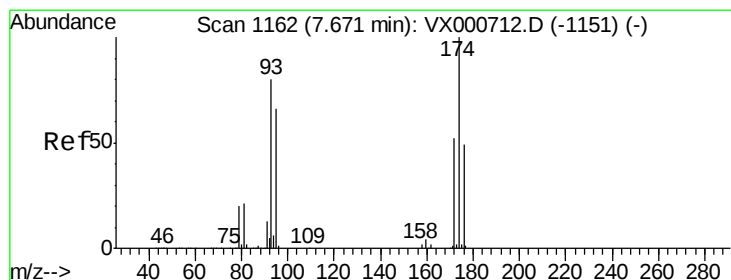
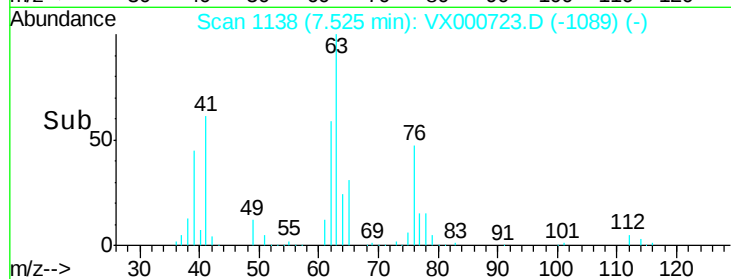
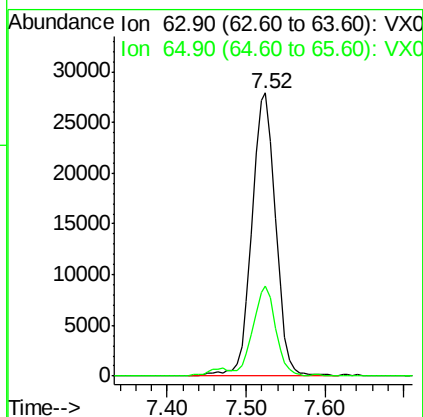
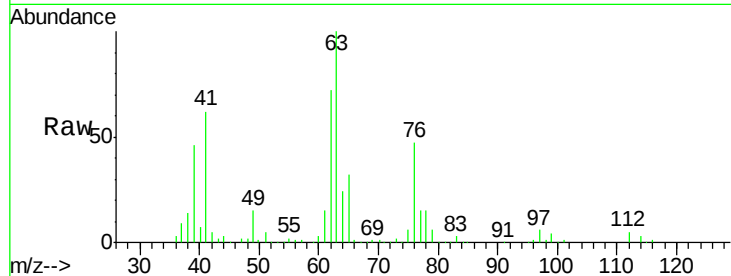
VX0408WBS01

Tgt Ion: 63 Resp: 58691

Ion Ratio Lower Upper

63 100

65 31.9 24.2 36.2



#46

Dibromomethane

Concen: 18.52 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

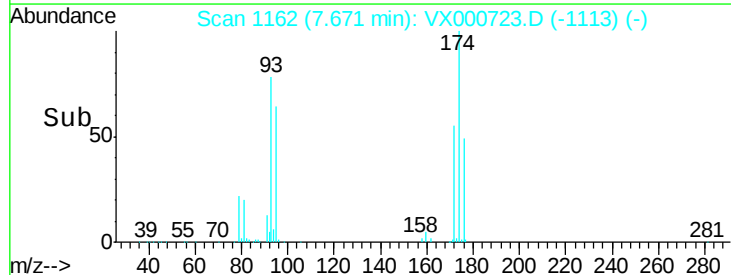
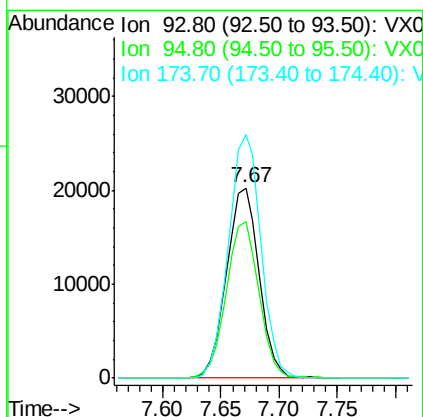
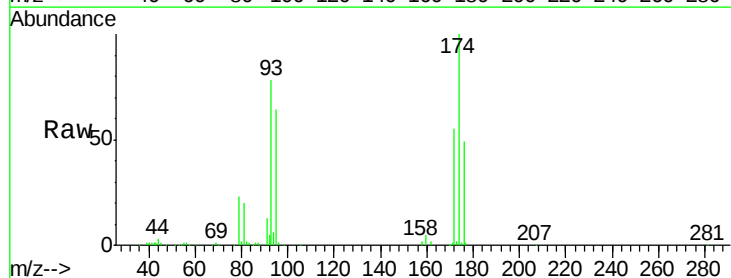
Tgt Ion: 93 Resp: 39419

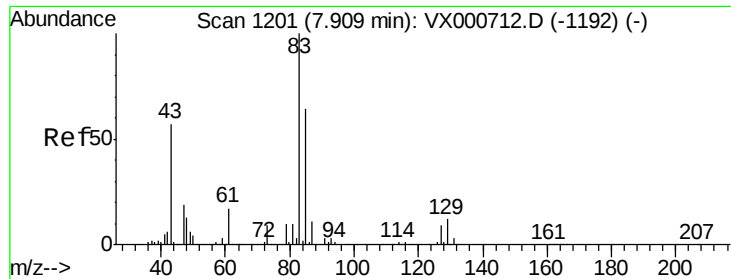
Ion Ratio Lower Upper

93 100

95 82.8 66.0 99.0

174 127.9 100.2 150.2

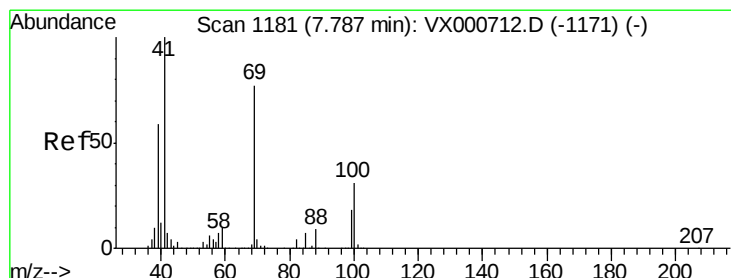
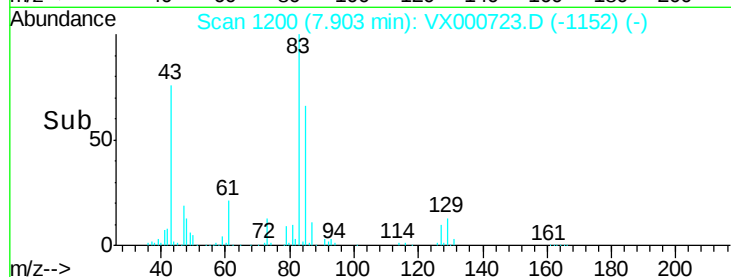
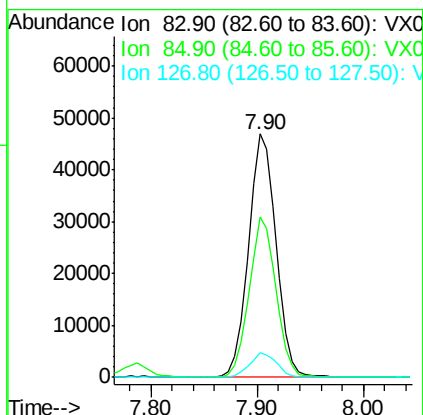
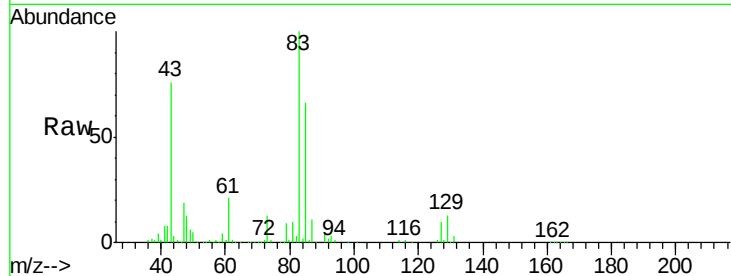




#47
 Bromodichloromethane
 Concen: 19.37 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

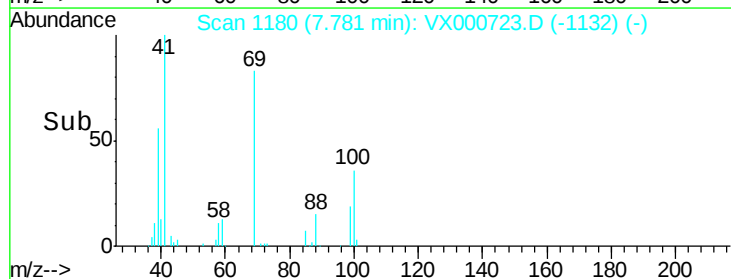
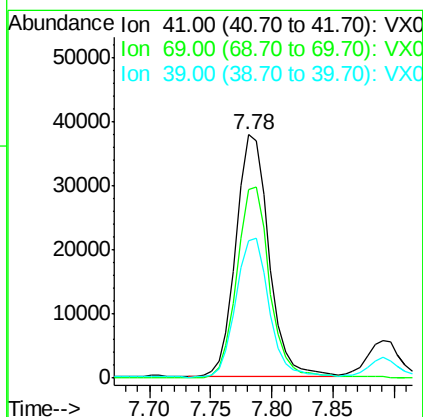
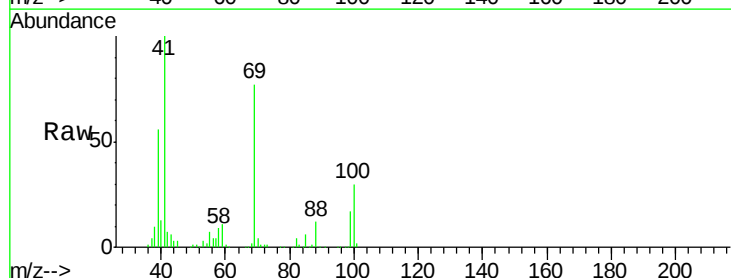
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

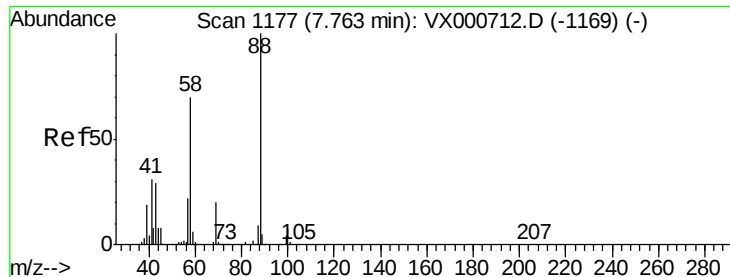
Tgt Ion: 83 Resp: 85279
 Ion Ratio Lower Upper
 83 100
 85 65.7 51.0 76.4
 127 10.1 7.4 11.2



#48
 Methyl methacrylate
 Concen: 18.52 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 41 Resp: 71188
 Ion Ratio Lower Upper
 41 100
 69 78.0 62.0 93.0
 39 57.8 47.0 70.4

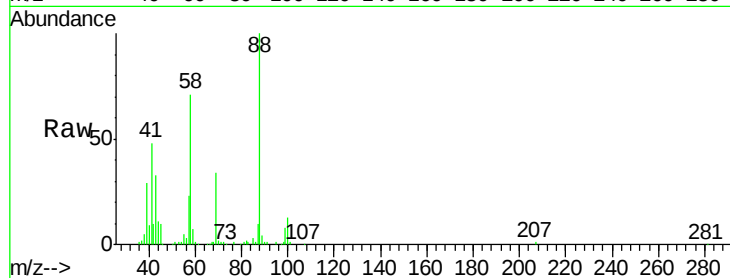




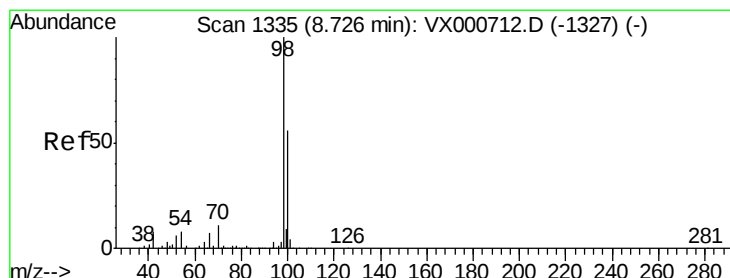
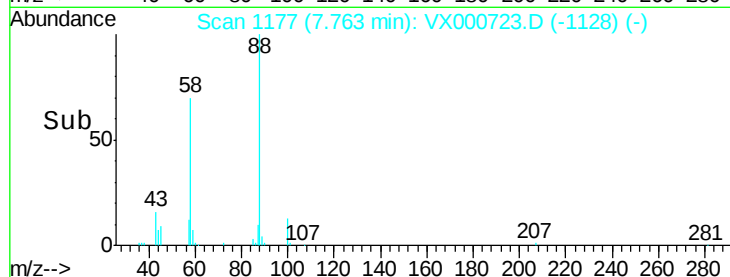
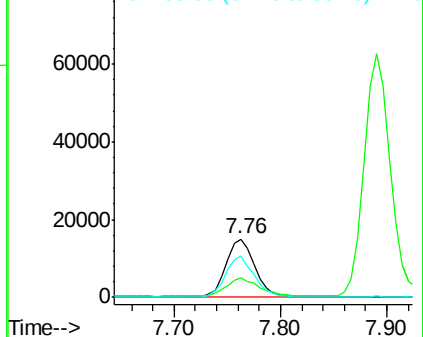
#49
 1,4-Dioxane
 Concen: 375.44 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Tgt Ion: 88 Resp: 28649
 Ion Ratio Lower Upper
 88 100
 43 35.8 27.9 41.9
 58 71.6 57.0 85.4

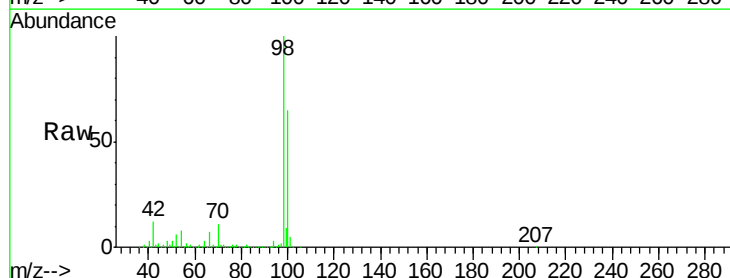


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

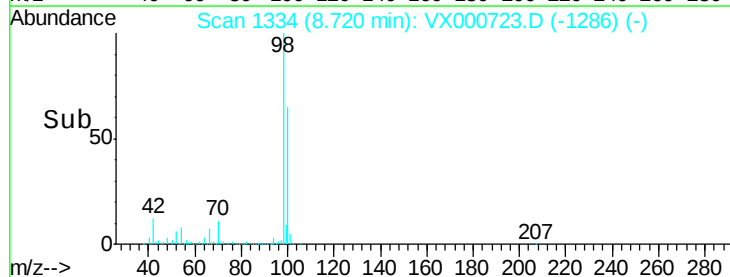
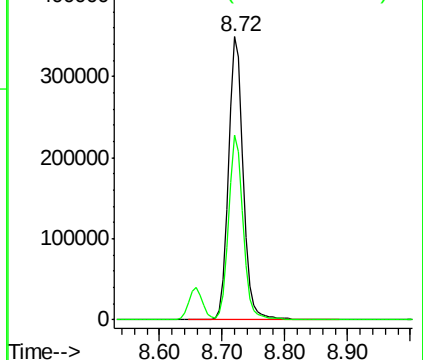


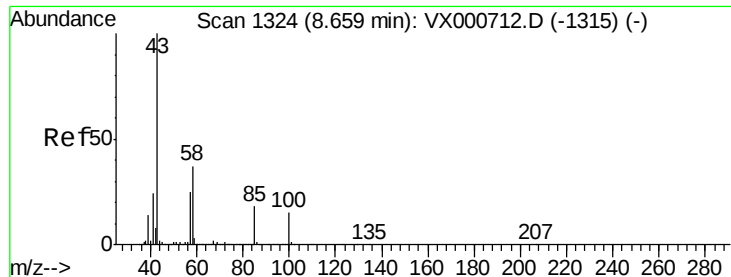
#50
 Toluene-d8
 Concen: 48.62 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 98 Resp: 565343
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.6 78.8



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

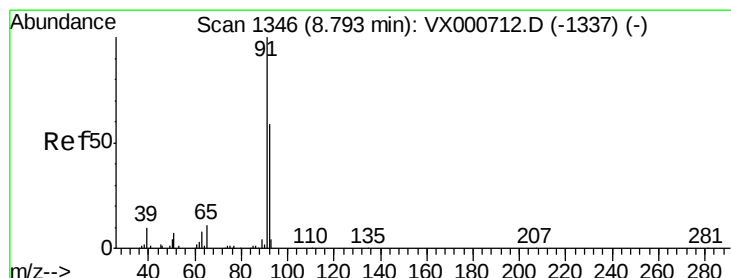
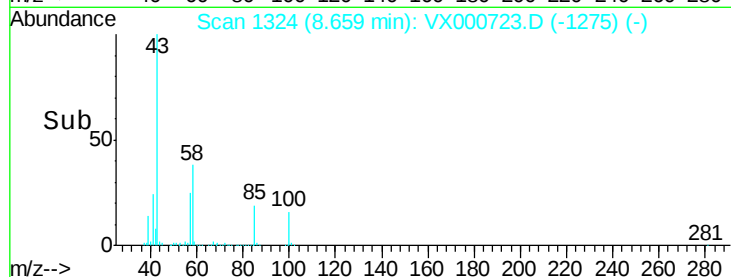
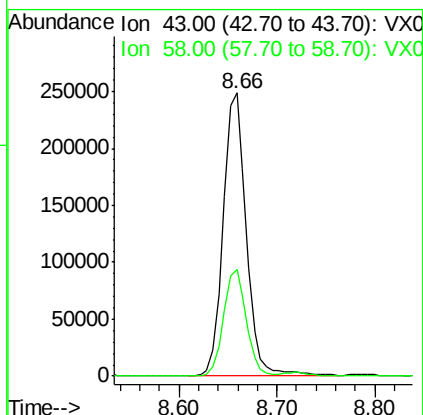
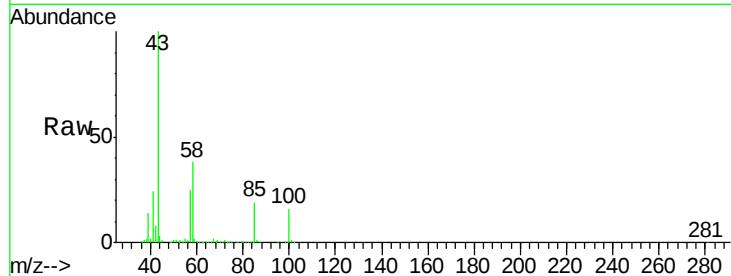




#51
 4-Methyl-2-Pentanone
 Concen: 91.77 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

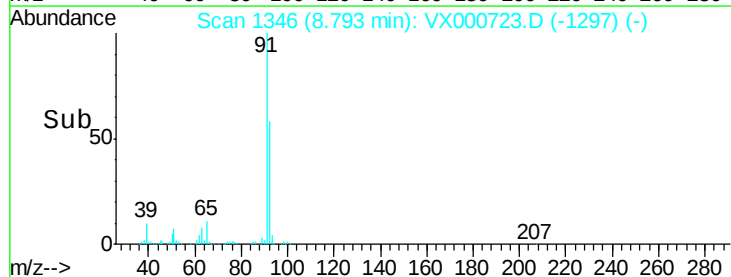
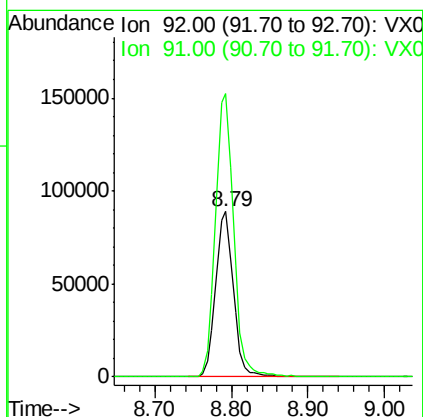
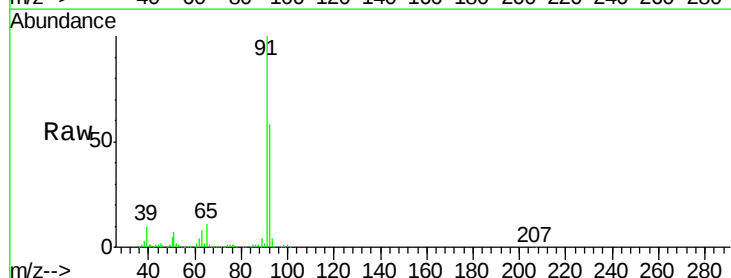
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

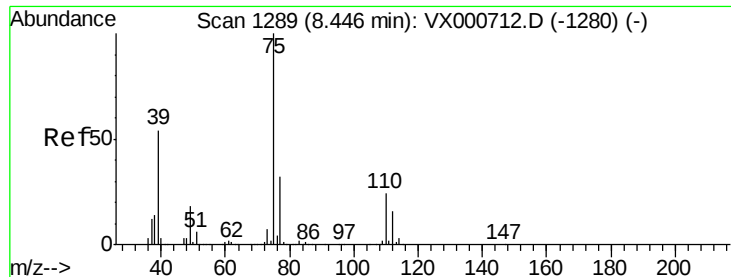
Tgt Ion: 43 Resp: 406289
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.6 46.0



#52
 Toluene
 Concen: 18.88 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 92 Resp: 143966
 Ion Ratio Lower Upper
 92 100
 91 174.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.99 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

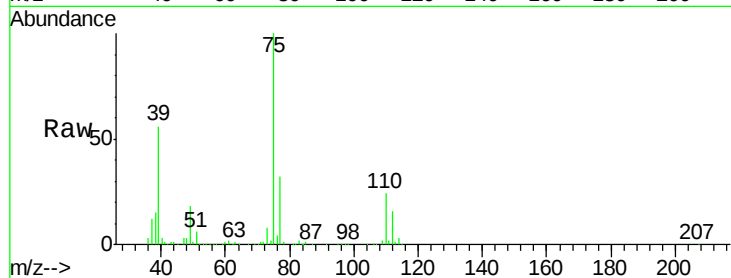
VX0408WBS01

Tgt Ion: 75 Resp: 99484

Ion Ratio Lower Upper

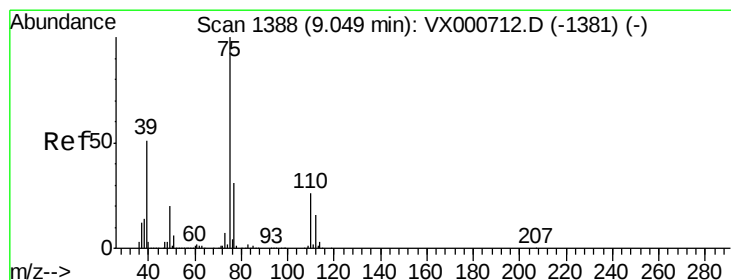
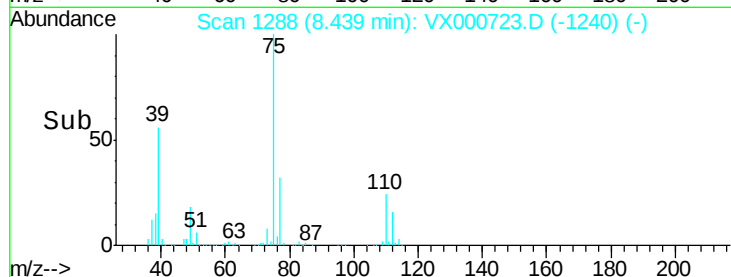
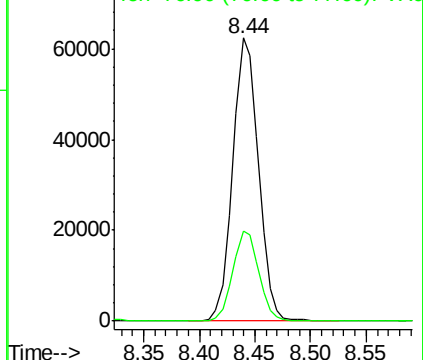
75 100

77 31.9 25.4 38.0



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: 18.96 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

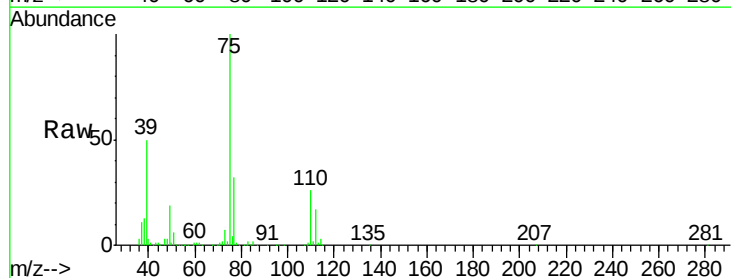
Tgt Ion: 75 Resp: 98635

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

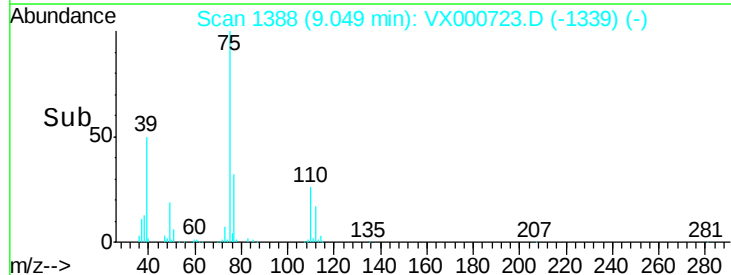
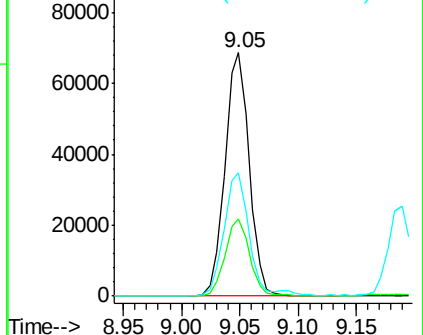
39 50.1 40.5 60.7

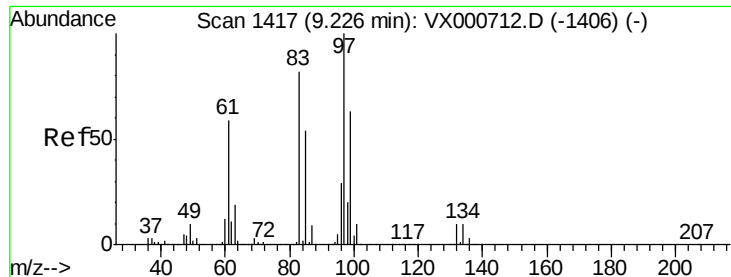


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

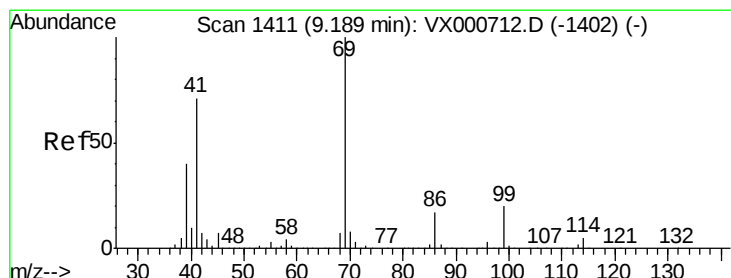
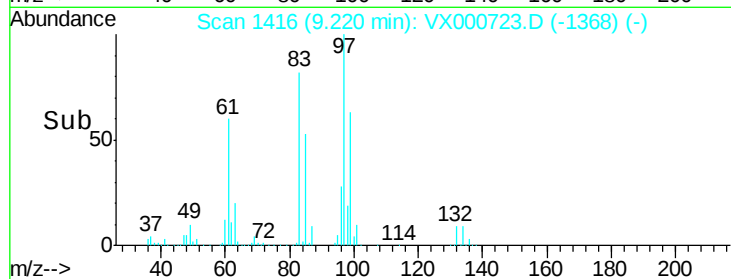
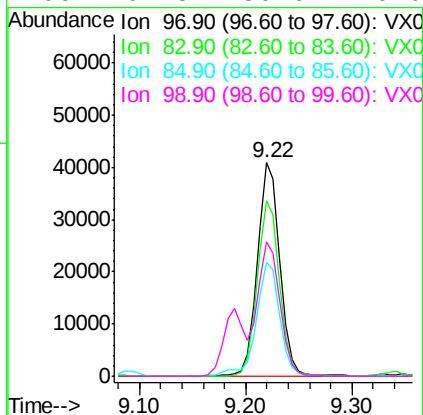
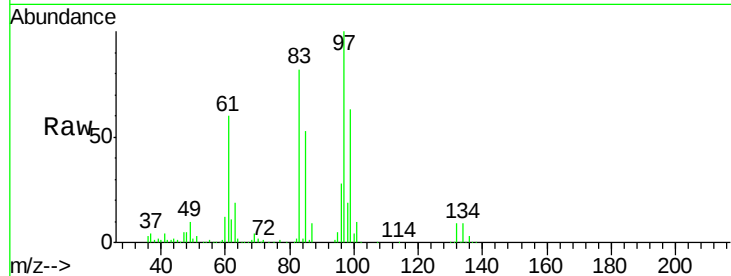




#55
 1,1,2-Trichloroethane
 Concen: 19.52 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

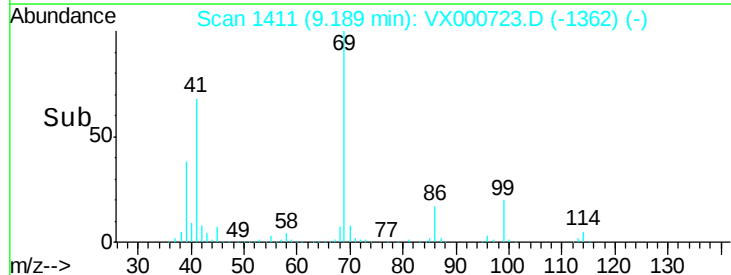
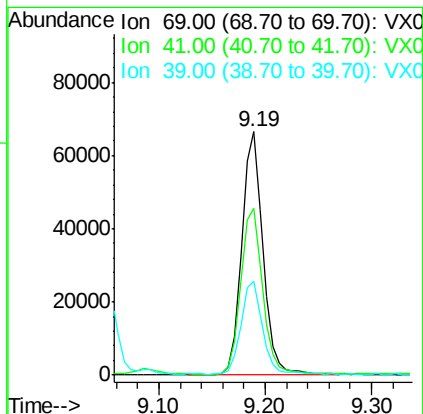
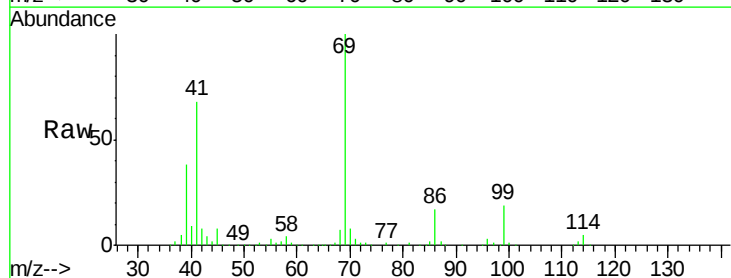
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

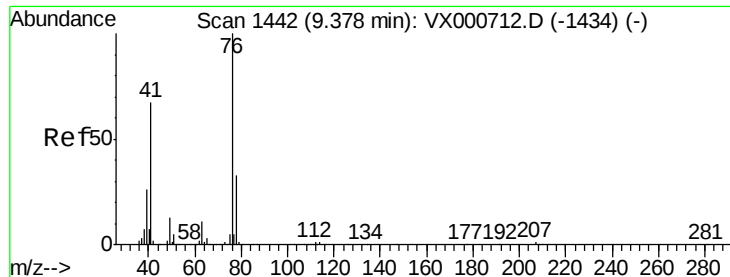
Tgt Ion:	97	Resp:	60542
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.7	98.5
85	53.3	42.8	64.2
99	62.8	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 18.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion:	69	Resp:	92899
Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.4	84.6
39	38.8	31.4	47.2





#57

1,3-Dichloropropane

Concen: 18.96 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

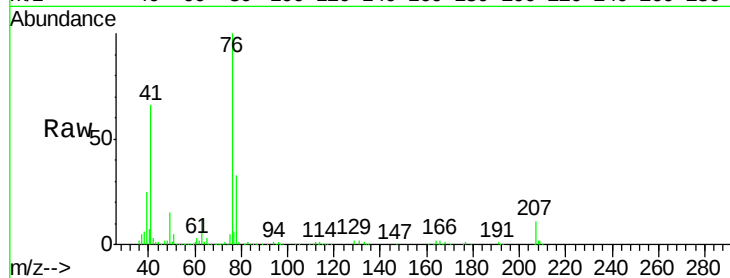
VX0408WBS01

Tgt Ion: 76 Resp: 96166

Ion Ratio Lower Upper

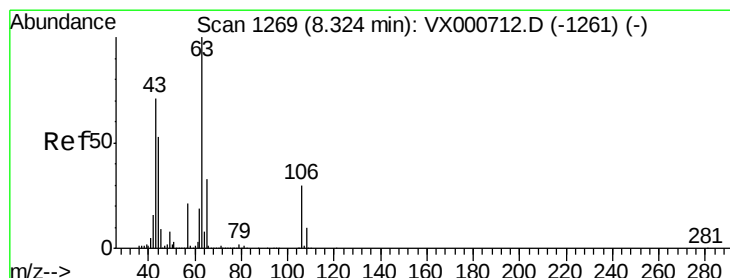
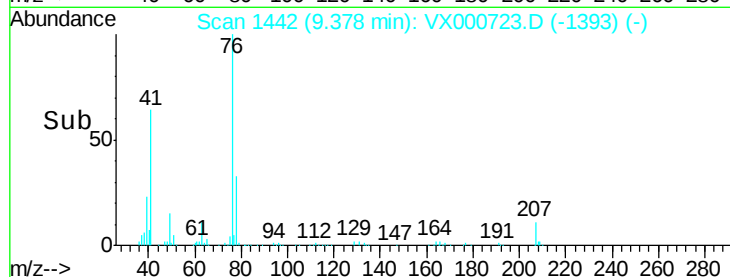
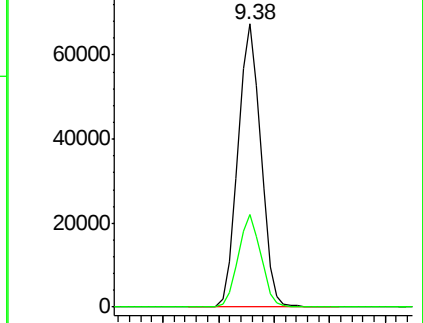
76 100

78 32.6 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.14 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000723.D

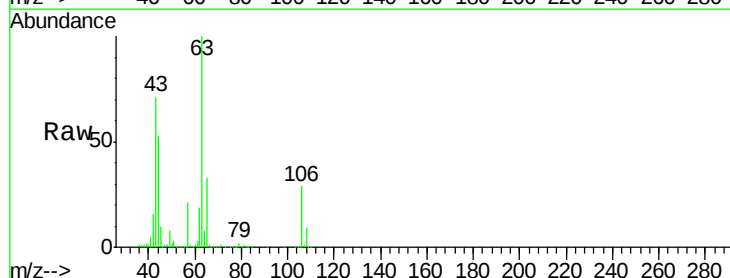
Acq: 08 Apr 2018 11:44

Tgt Ion: 63 Resp: 222644

Ion Ratio Lower Upper

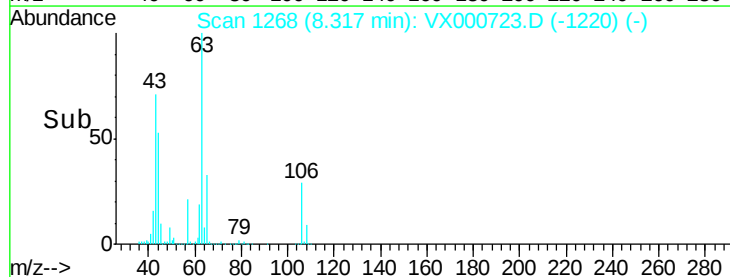
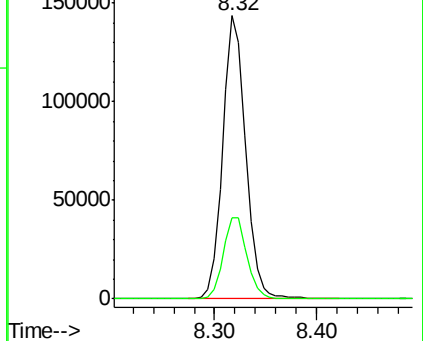
63 100

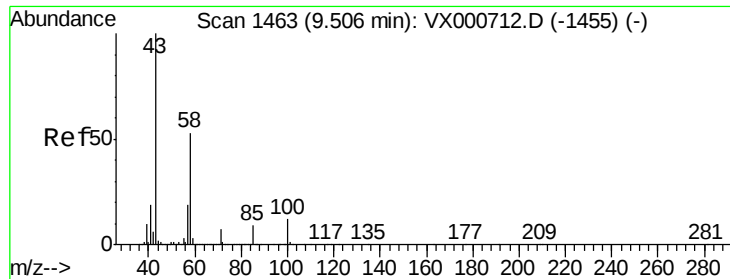
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

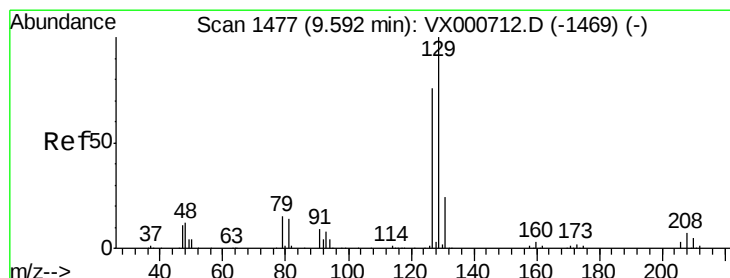
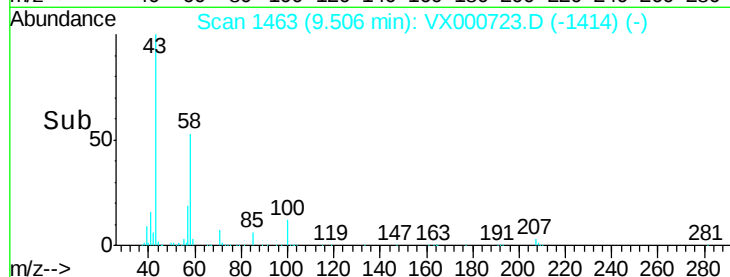
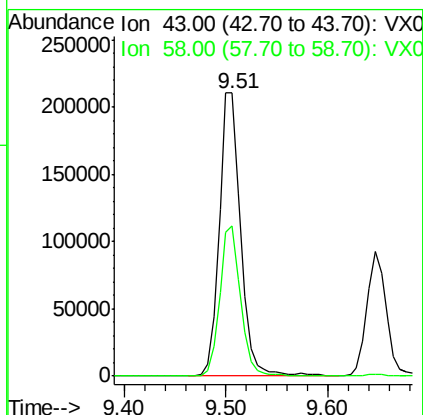
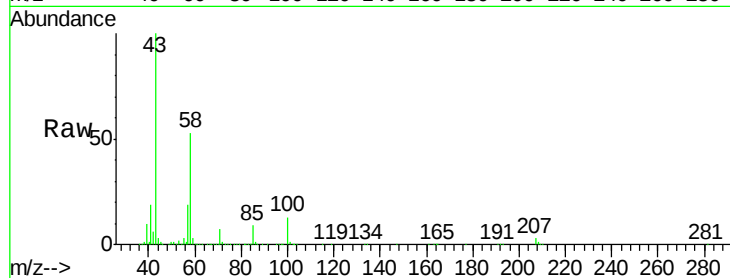




#59
2-Hexanone
Concen: 91.25 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

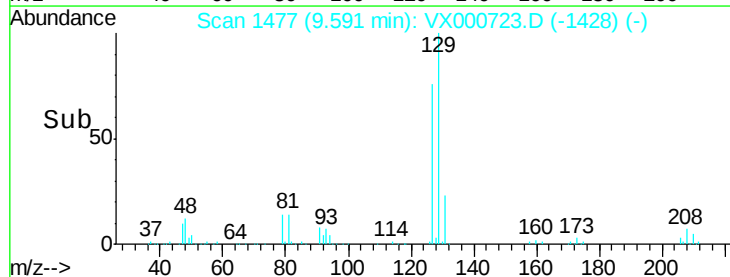
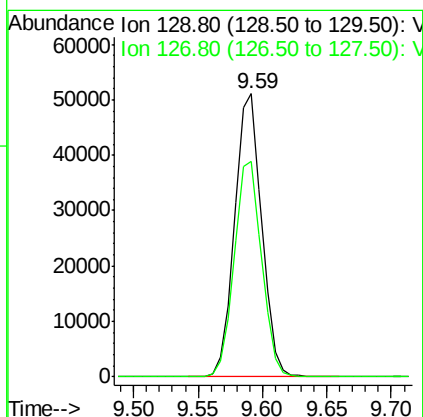
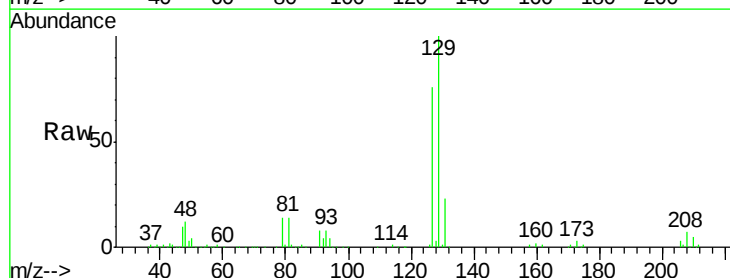
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

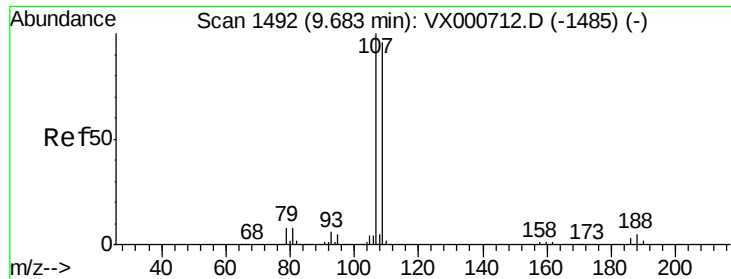
Tgt Ion: 43 Resp: 308358
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8



#60
Dibromochloromethane
Concen: 19.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion: 129 Resp: 74523
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 18.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

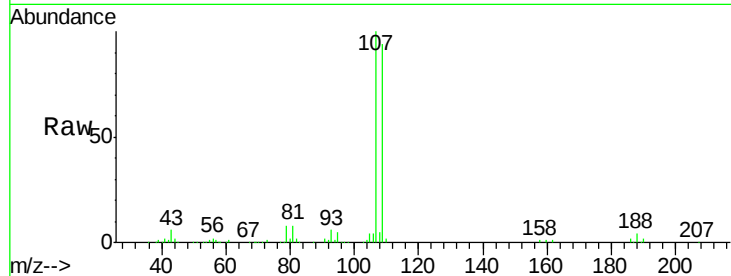
VX0408WBS01

Tgt Ion: 107 Resp: 62493

Ion Ratio Lower Upper

107 100

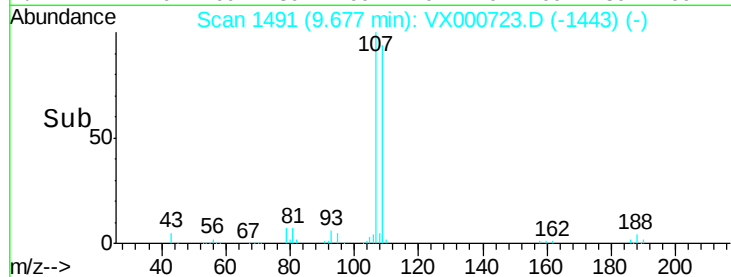
109 95.2 76.6 115.0



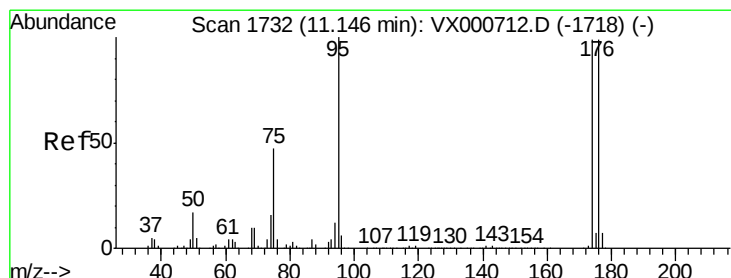
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68



Time-->



#62

4-Bromofluorobenzene

Concen: 47.75 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

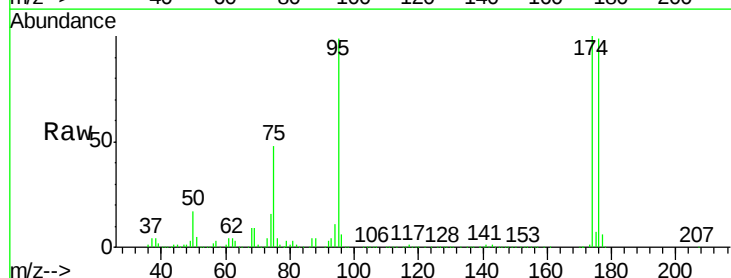
Tgt Ion: 95 Resp: 230635

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.6

176 93.8 0.0 187.0

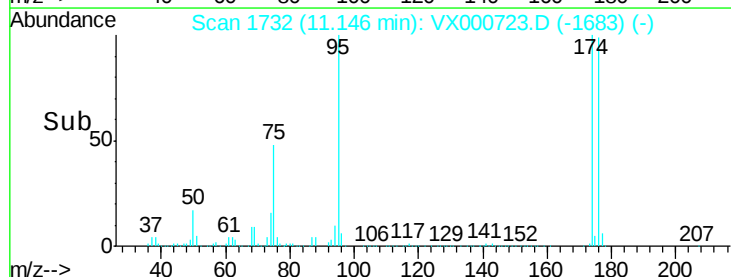


Abundance Ion 94.90 (94.60 to 95.60): VX0

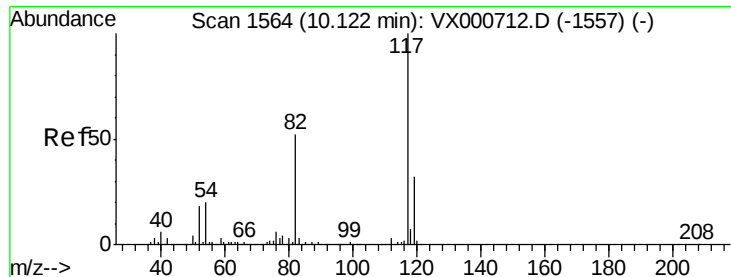
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15



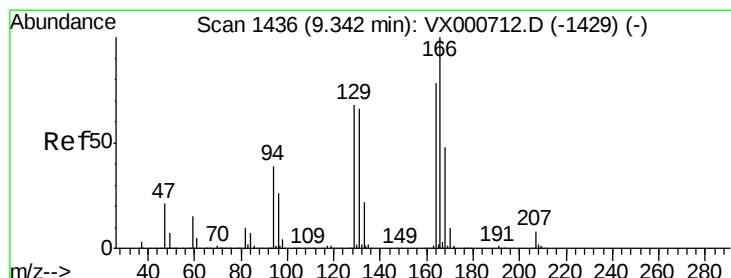
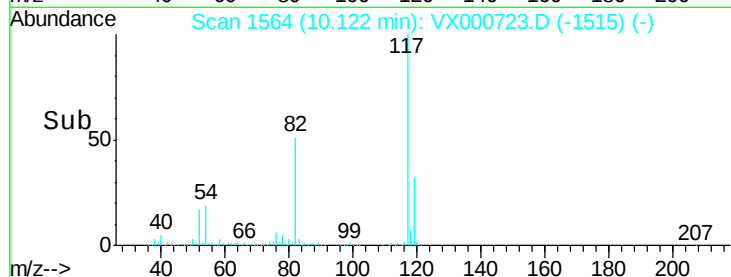
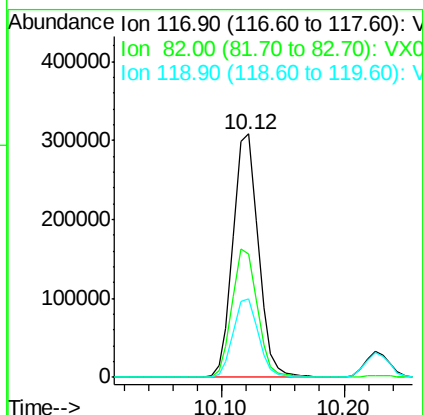
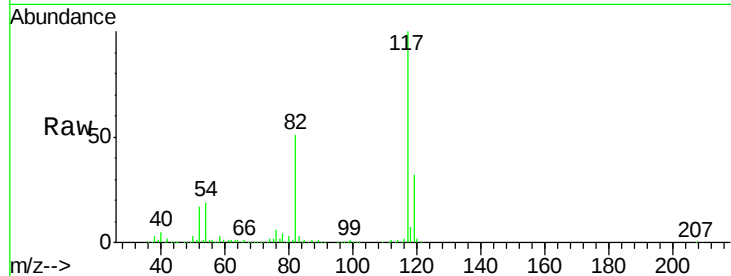
Time-->



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

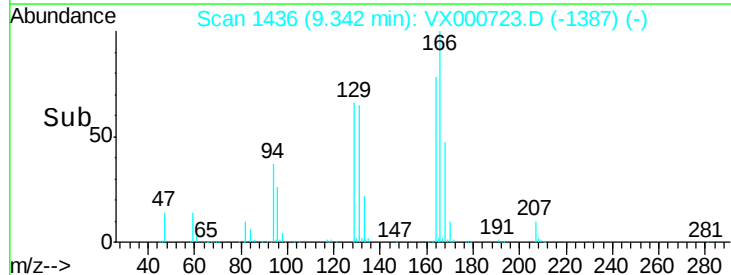
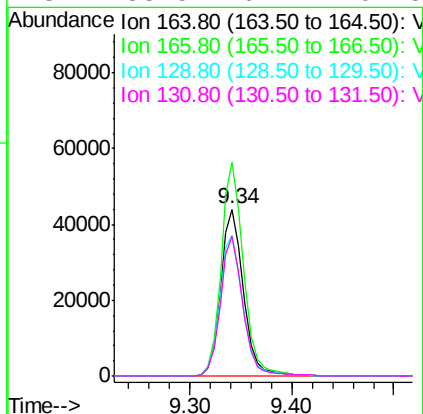
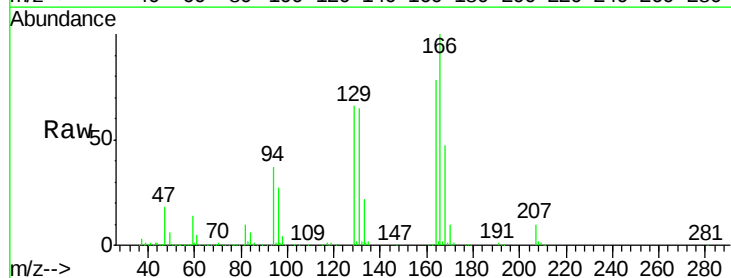
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

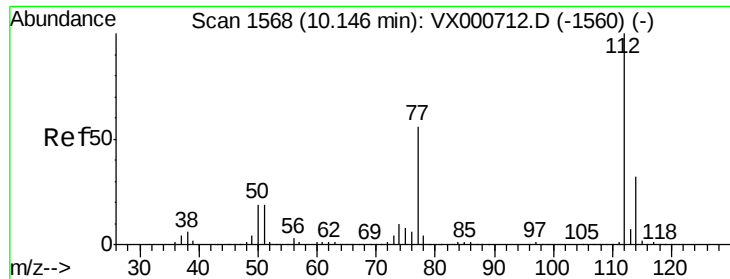
Tgt Ion:117 Resp: 443015
Ion Ratio Lower Upper
117 100
82 50.9 41.9 62.9
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 19.52 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion:164 Resp: 67799
Ion Ratio Lower Upper
164 100
166 128.3 102.4 153.6
129 85.0 69.3 103.9
131 83.5 67.7 101.5





#65

Chlorobenzene

Concen: 18.99 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampled :

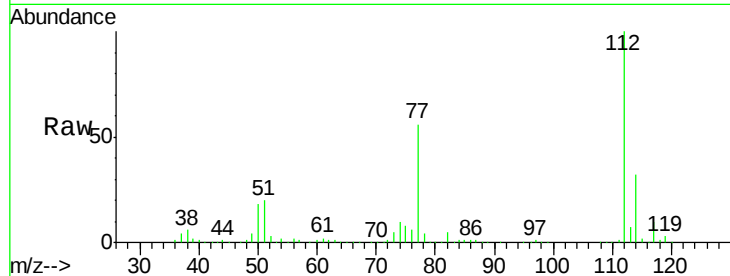
VX0408WBS01

Tgt Ion:112 Resp: 173170

Ion Ratio Lower Upper

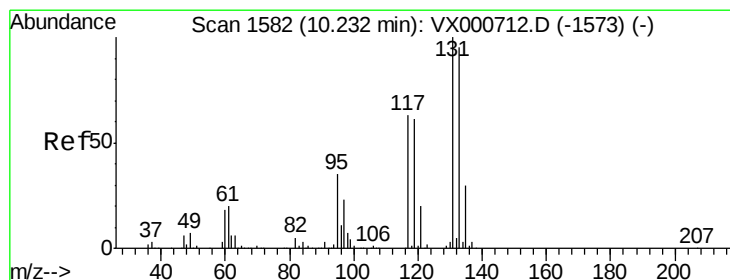
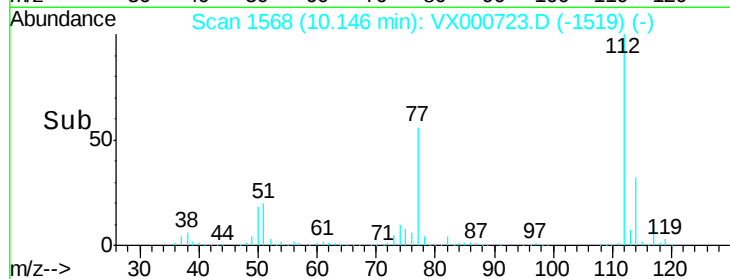
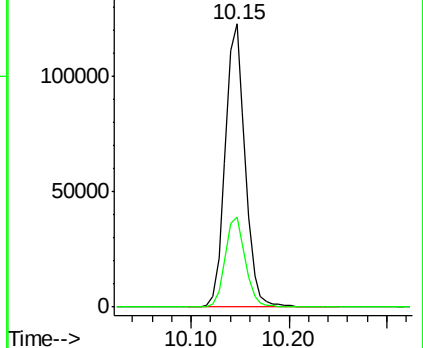
112 100

114 31.7 25.8 38.6



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: 19.16 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

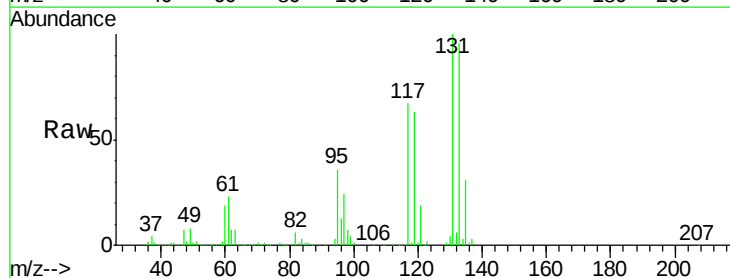
Tgt Ion:131 Resp: 68212

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

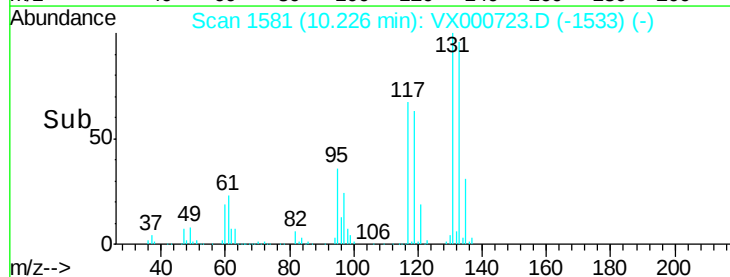
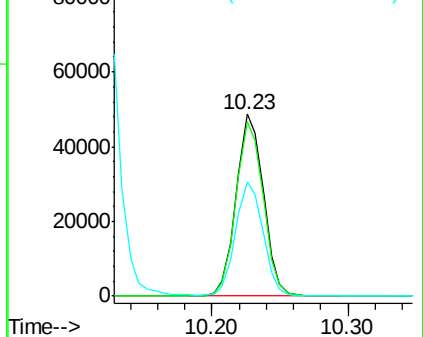
119 63.4 31.5 94.5

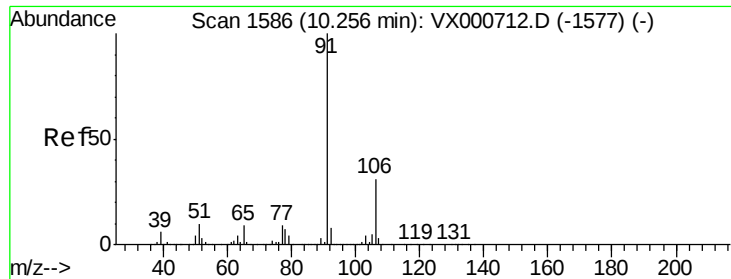


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

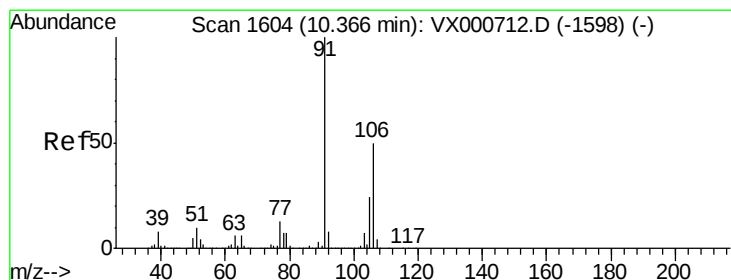
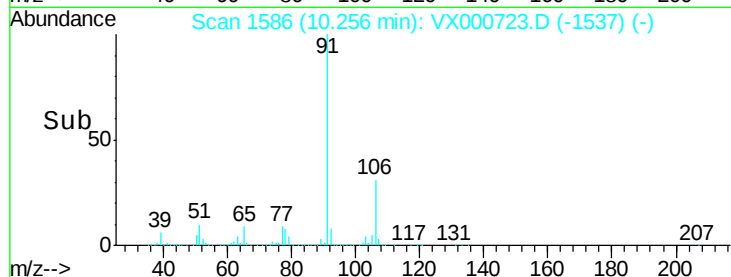
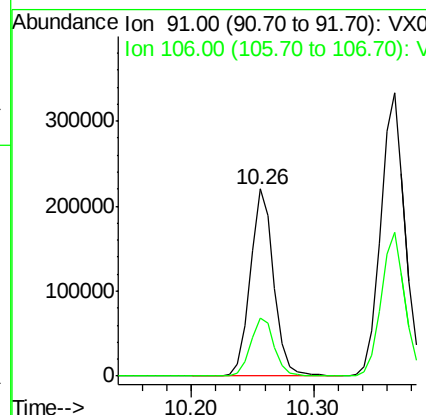
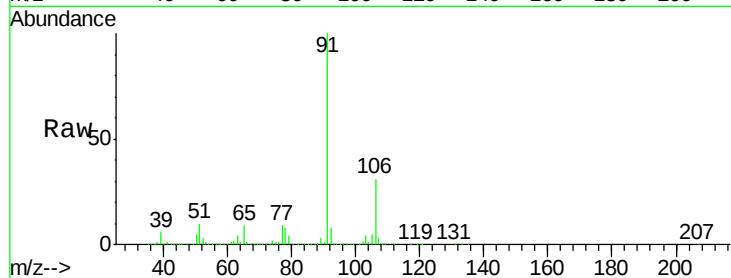




#67
Ethyl Benzene
Concen: 19.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

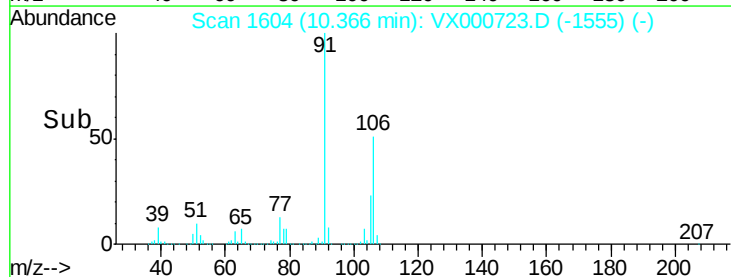
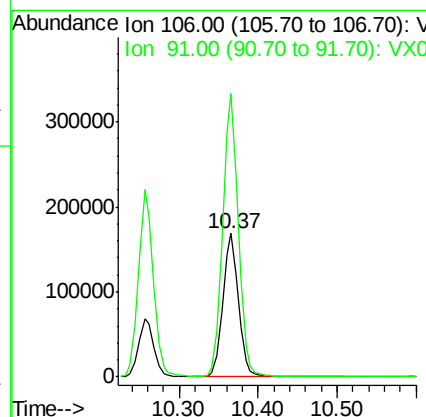
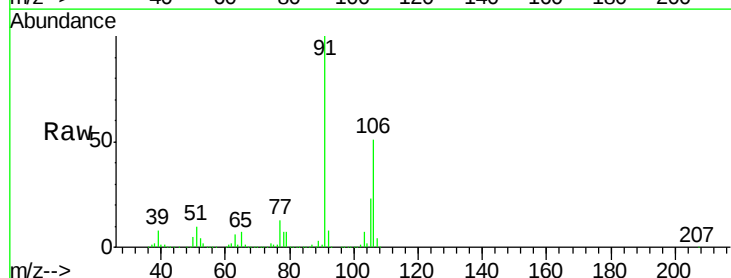
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

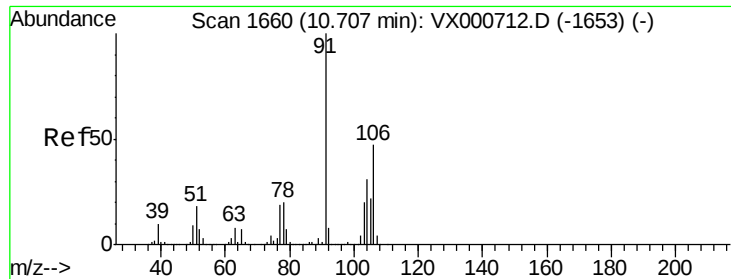
Tgt Ion: 91 Resp: 292795
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 38.75 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion: 106 Resp: 231903
Ion Ratio Lower Upper
106 100
91 198.7 159.7 239.5

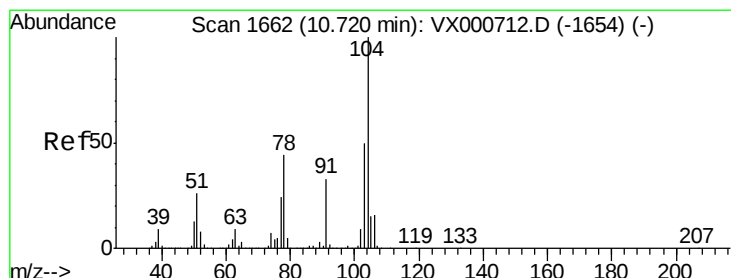
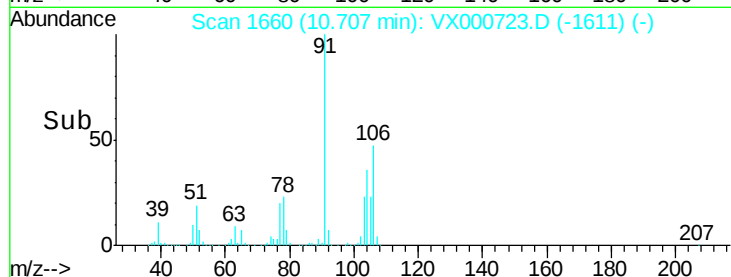
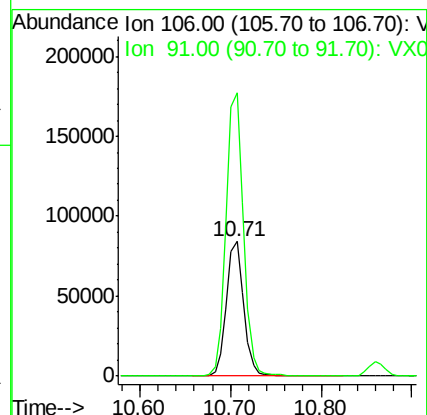
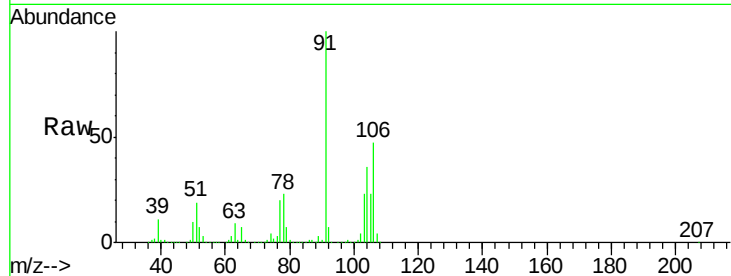




#69
o-Xylene
Concen: 19.15 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

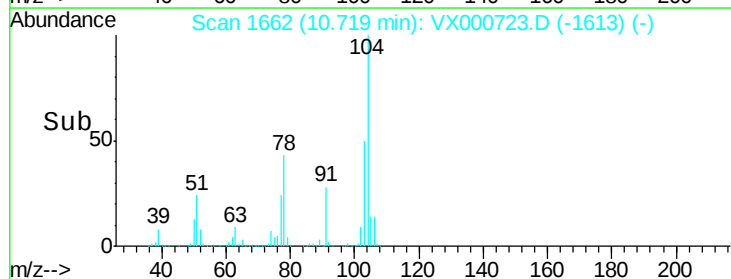
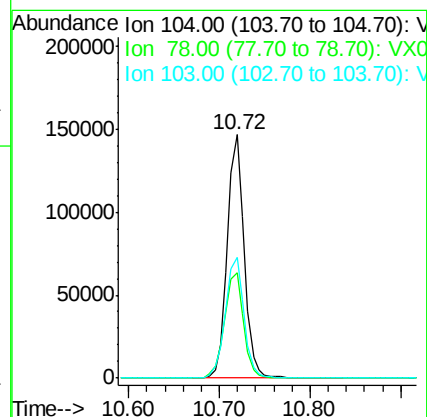
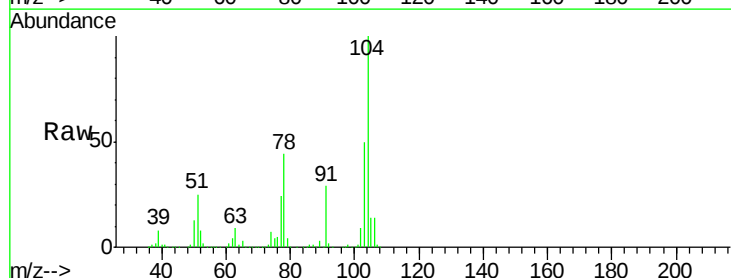
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

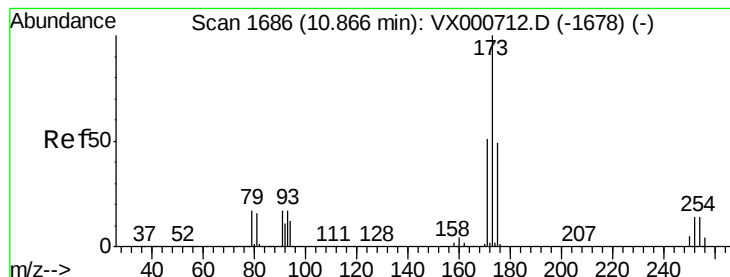
Tgt Ion:106 Resp: 112429
Ion Ratio Lower Upper
106 100
91 210.9 106.1 318.3



#70
Styrene
Concen: 19.29 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion:104 Resp: 191349
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 18.92 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

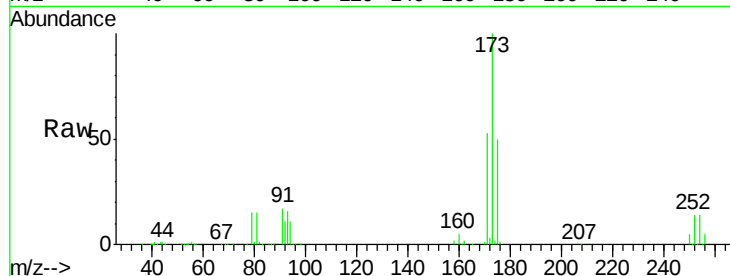
Tgt Ion:173 Resp: 63789

Ion Ratio Lower Upper

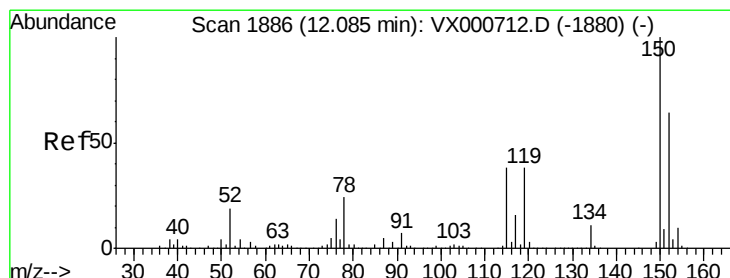
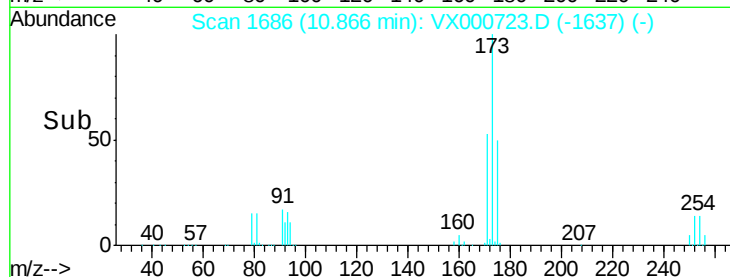
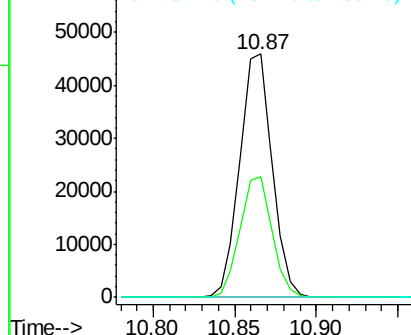
173 100

175 49.2 24.2 72.6

254 0.2 0.1 0.1#



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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

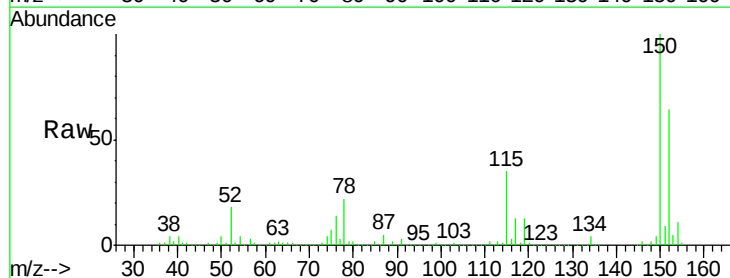
Tgt Ion:152 Resp: 264235

Ion Ratio Lower Upper

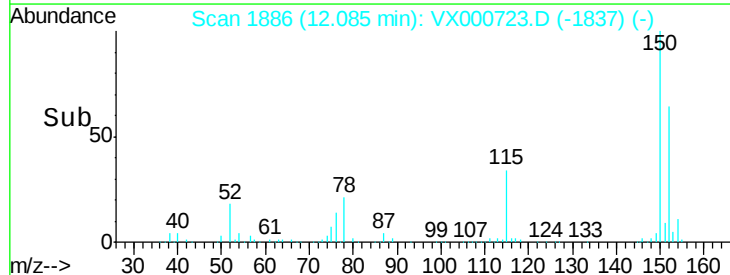
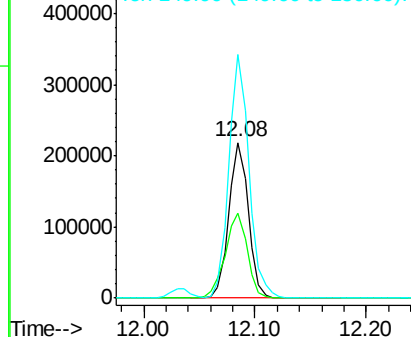
152 100

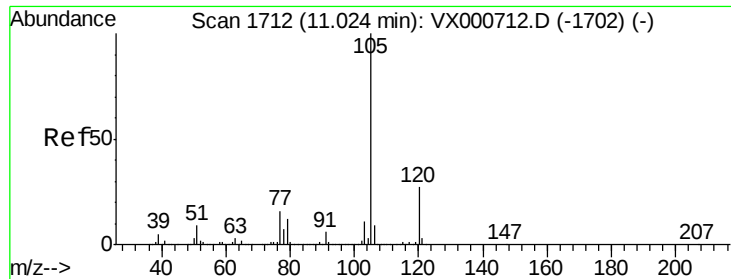
115 62.0 37.7 113.1

150 162.0 0.0 345.0



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





#73

Isopropylbenzene

Concen: 19.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

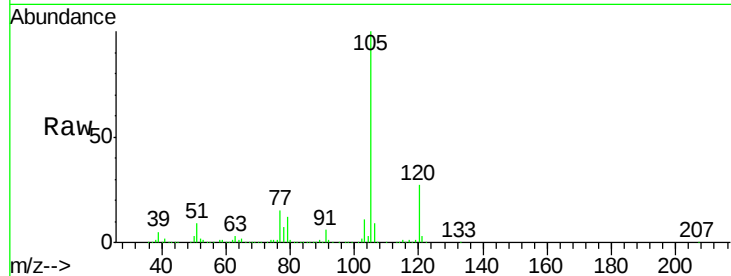
VX0408WBS01

Tgt Ion: 105 Resp: 306984

Ion Ratio Lower Upper

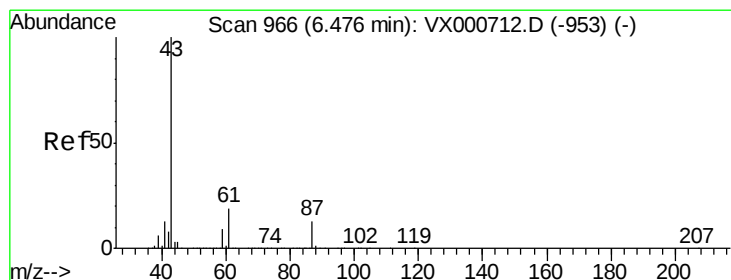
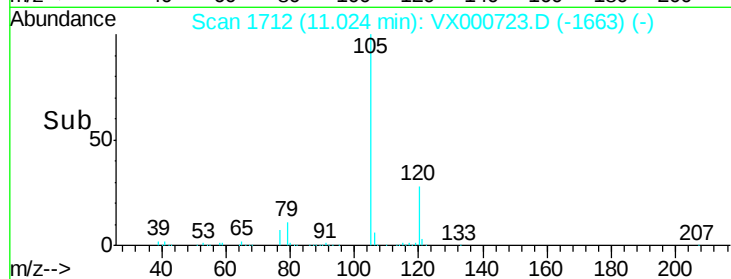
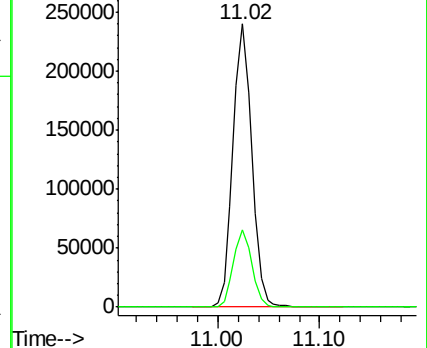
105 100

120 27.1 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.92 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Tgt Ion: 43 Resp: 137784

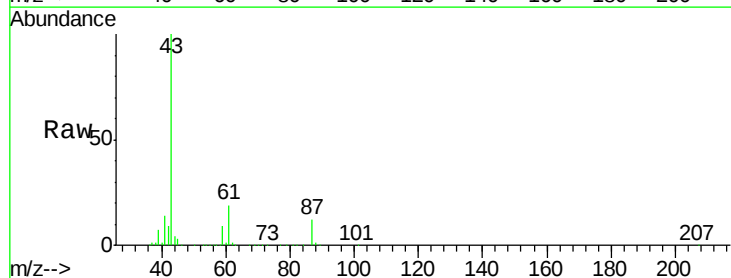
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.1 0.0 0.0#

61 19.1 15.4 23.0

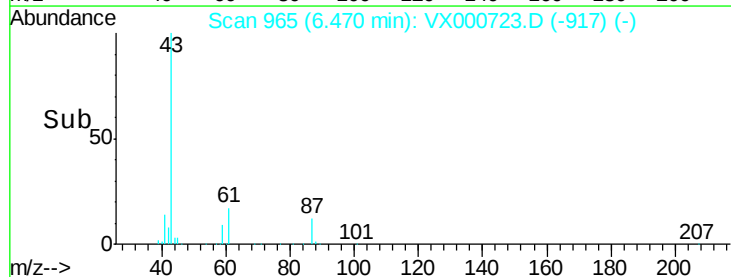
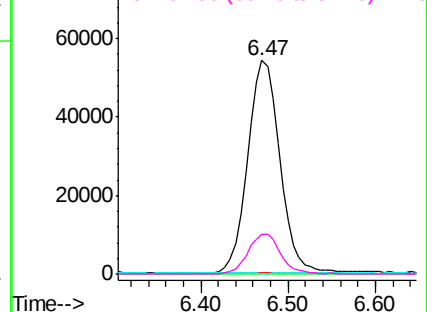


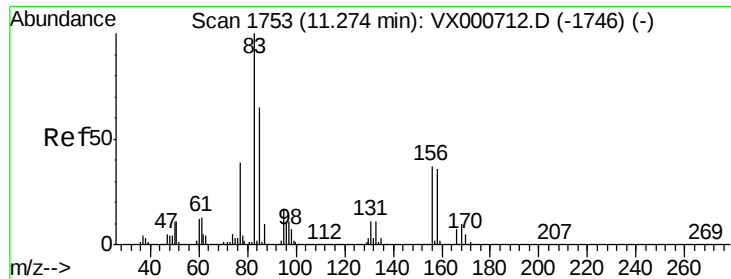
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.61 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

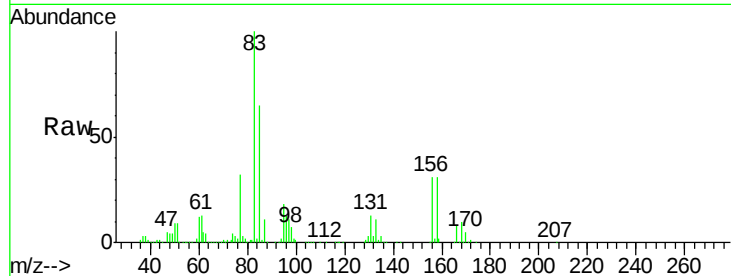
Tgt Ion: 83 Resp: 87356

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.7

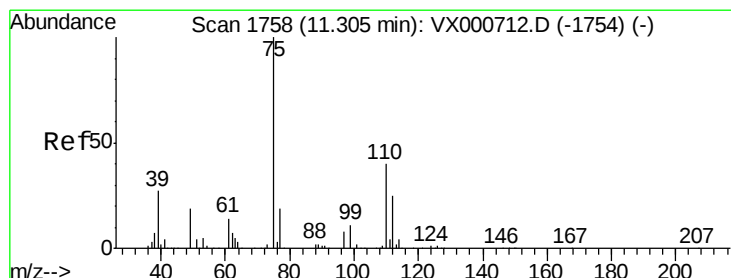
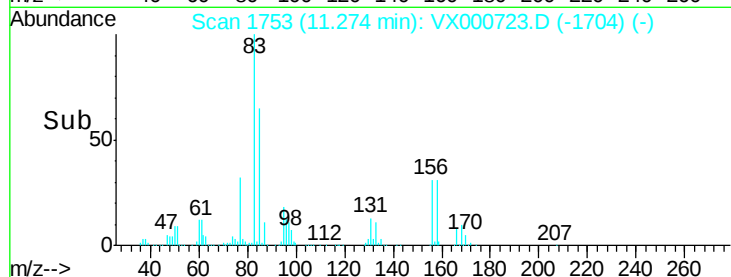
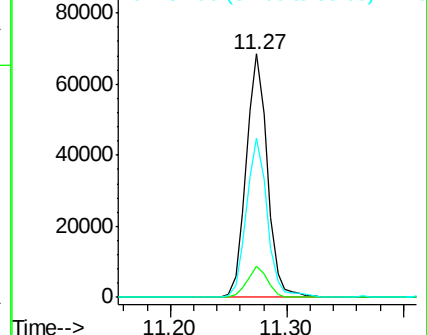
85 64.4 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.65 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000723.D

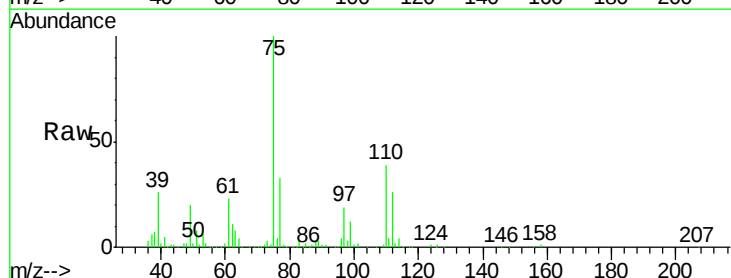
Acq: 08 Apr 2018 11:44

Tgt Ion: 75 Resp: 106331

Ion Ratio Lower Upper

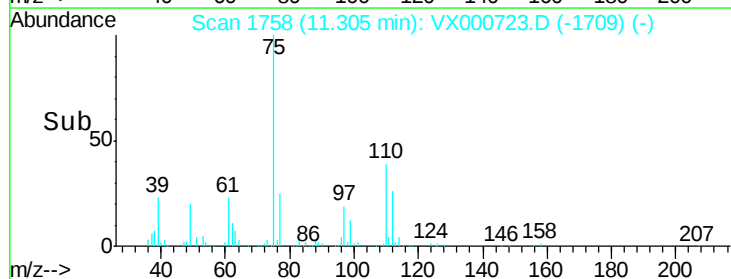
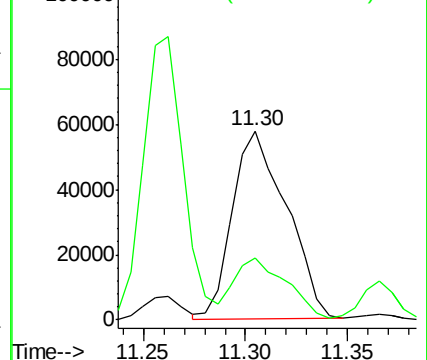
75 100

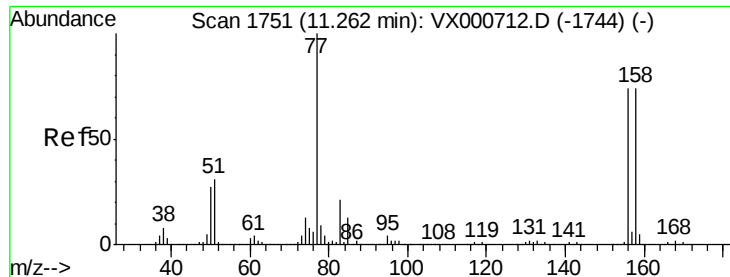
77 31.9 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.31 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

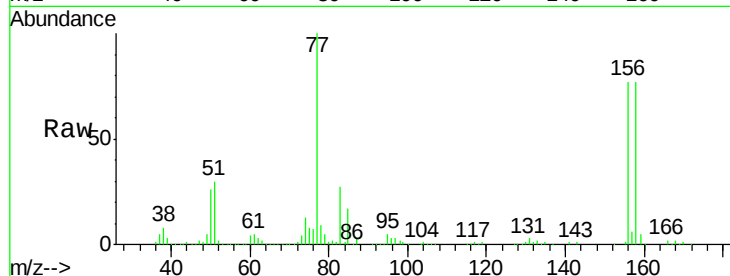
Tgt Ion:156 Resp: 86517

Ion Ratio Lower Upper

156 100

77 136.9 68.3 205.1

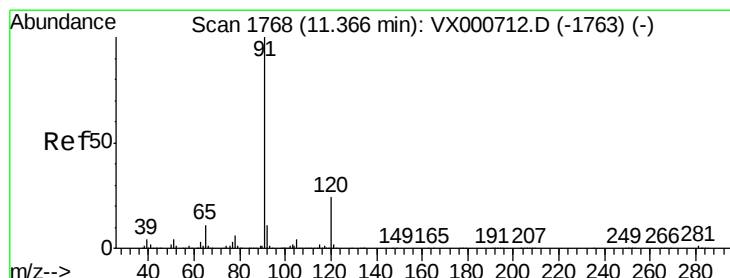
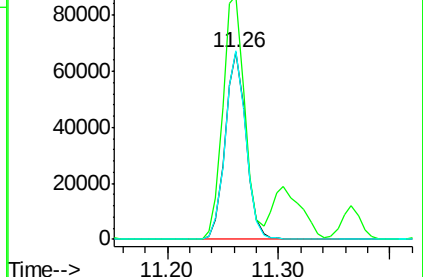
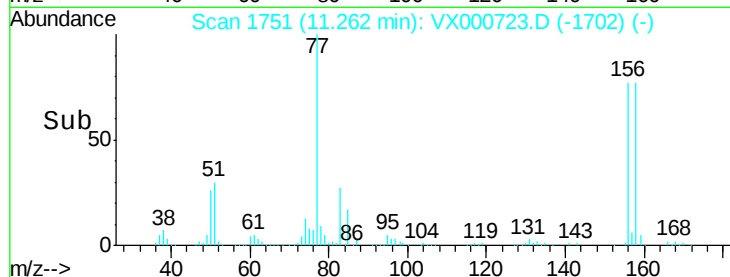
158 99.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.47 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000723.D

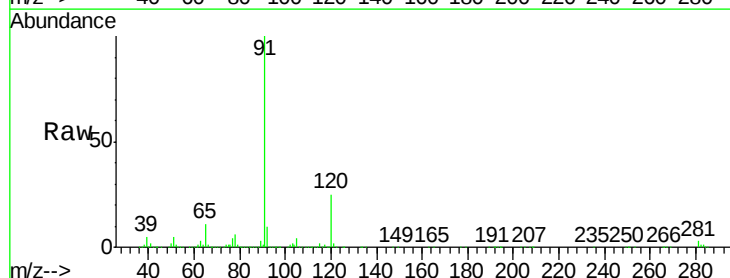
Acq: 08 Apr 2018 11:44

Tgt Ion: 91 Resp: 352791

Ion Ratio Lower Upper

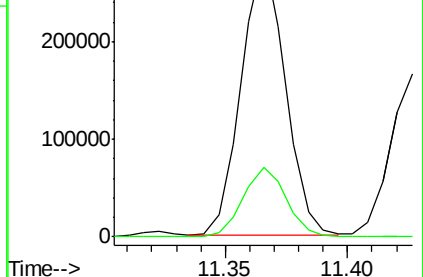
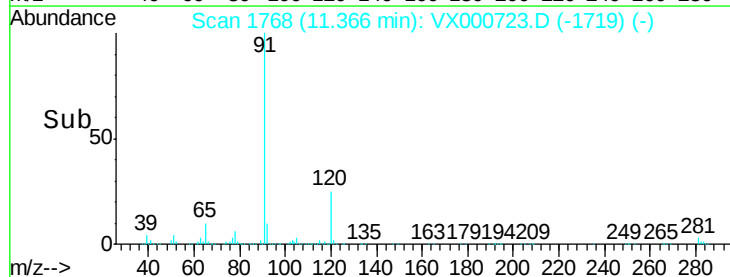
91 100

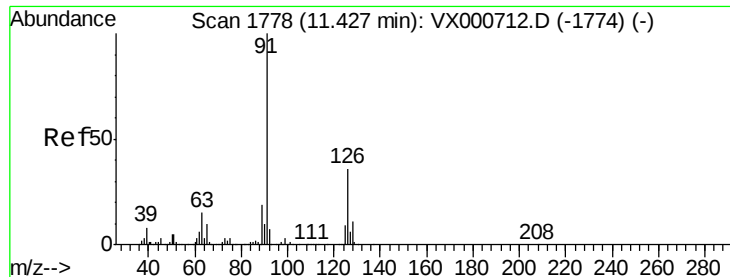
120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

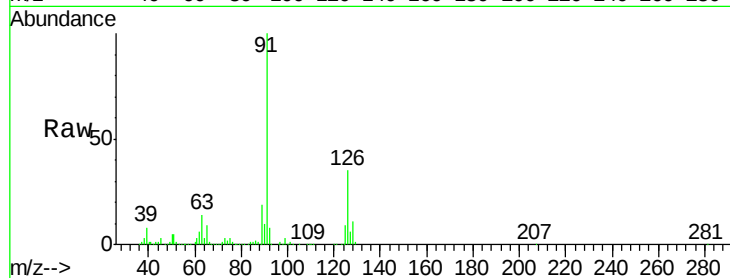
VX0408WBS01

Tgt Ion: 91 Resp: 207737

Ion Ratio Lower Upper

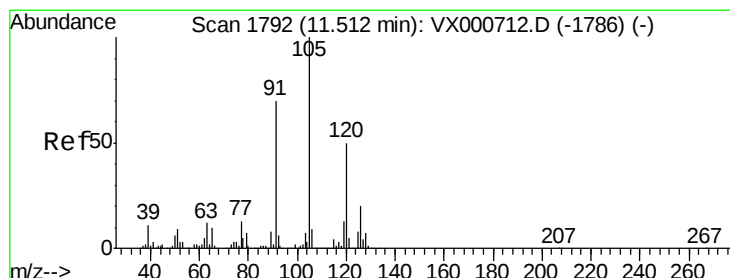
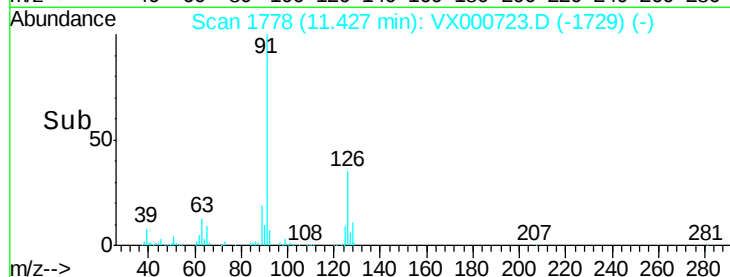
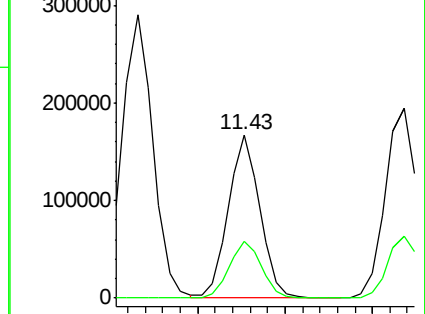
91 100

126 36.2 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.24 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000723.D

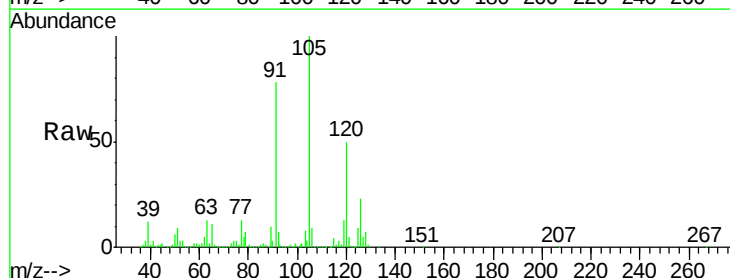
Acq: 08 Apr 2018 11:44

Tgt Ion: 105 Resp: 263267

Ion Ratio Lower Upper

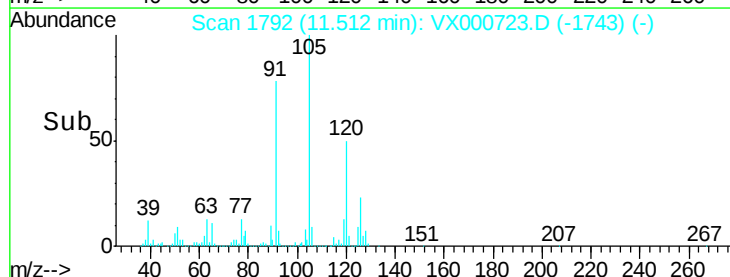
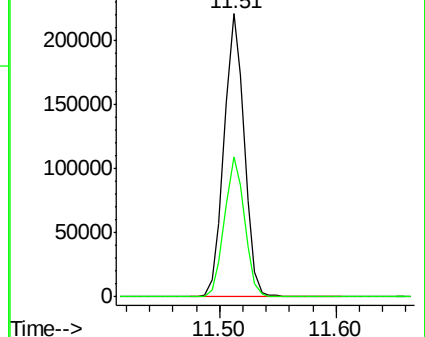
105 100

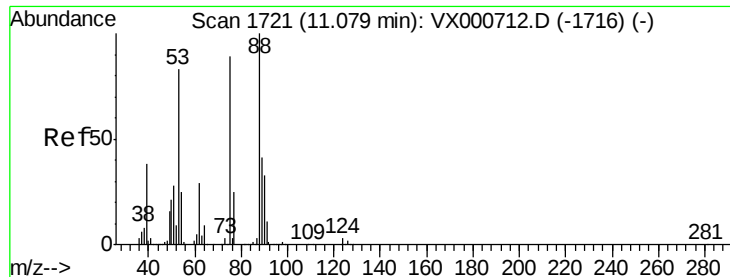
120 49.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampled :

VX0408WBS01

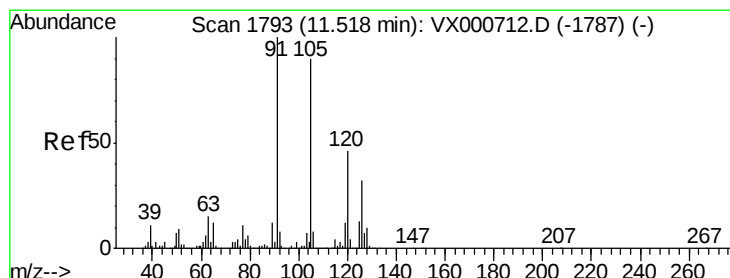
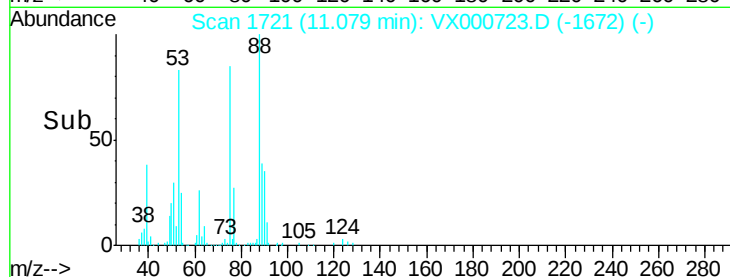
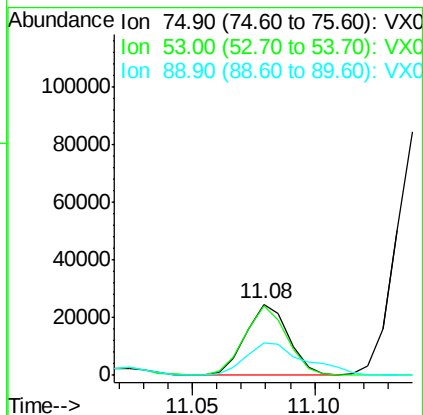
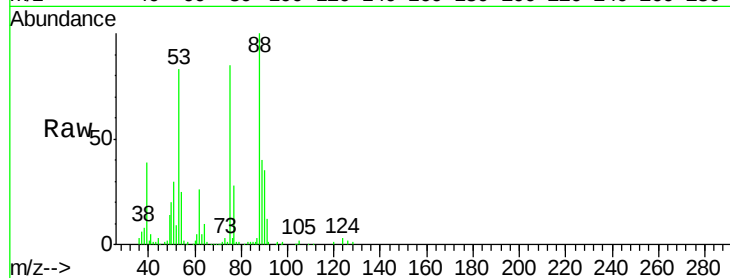
Tgt Ion: 75 Resp: 30162

Ion Ratio Lower Upper

75 100

53 96.6 74.2 111.2

89 63.1 46.6 69.8



#82

4-Chlorotoluene

Concen: 19.30 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000723.D

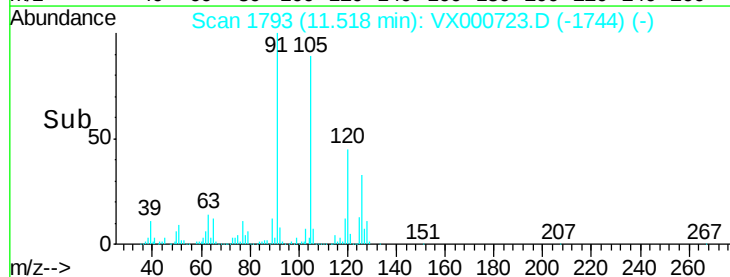
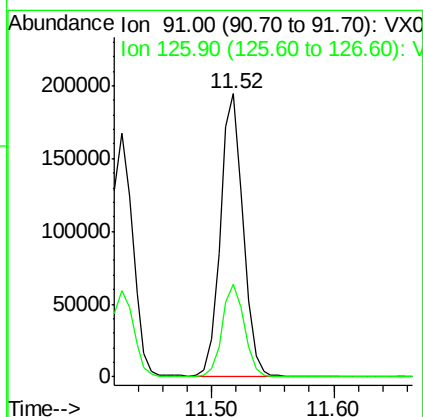
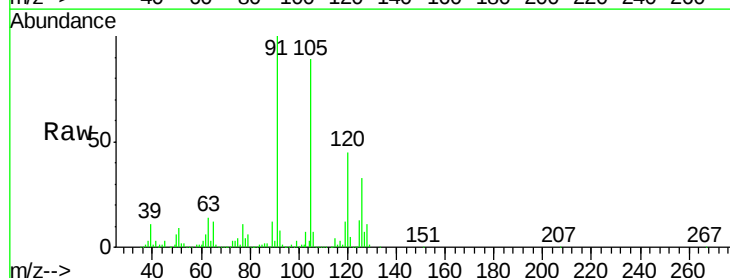
Acq: 08 Apr 2018 11:44

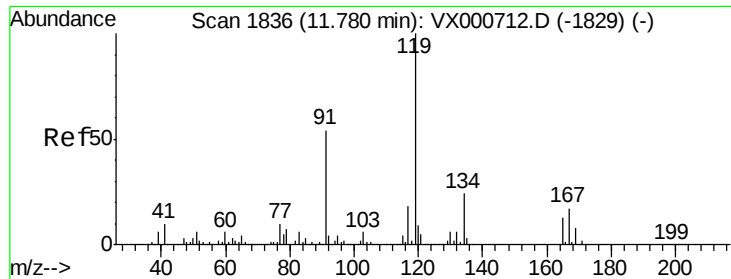
Tgt Ion: 91 Resp: 249971

Ion Ratio Lower Upper

91 100

126 32.1 16.0 48.0

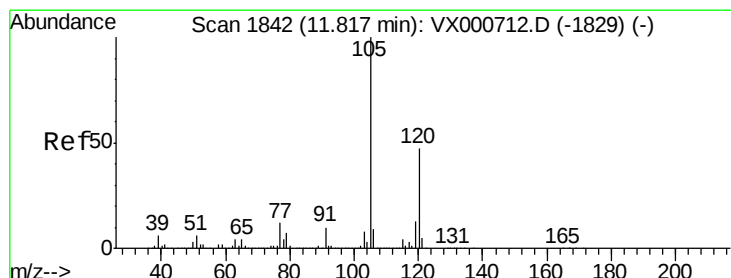
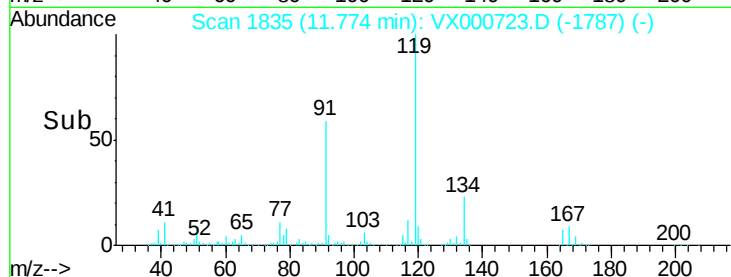
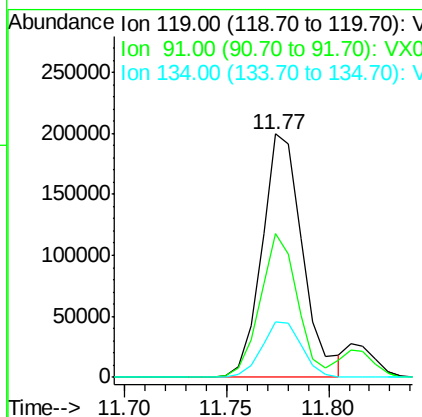
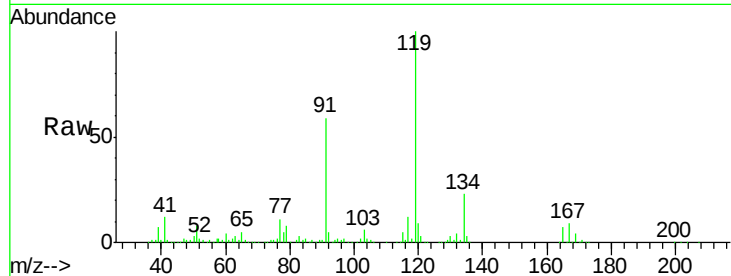




#83
 tert-Butylbenzene
 Concen: 19.68 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

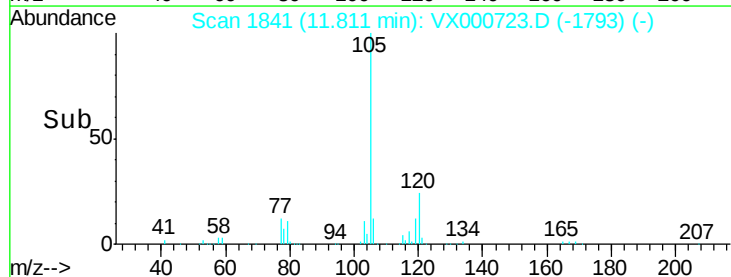
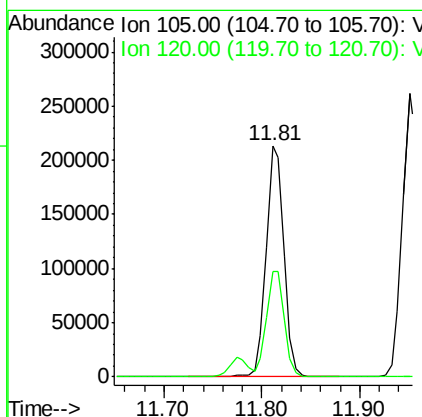
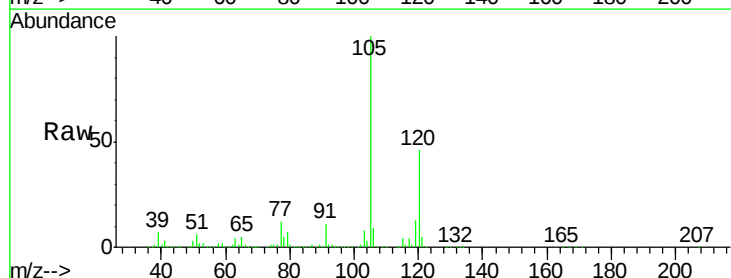
Instrument :
 MSVOA_X
 ClientSampled :
 VX0408WBS01

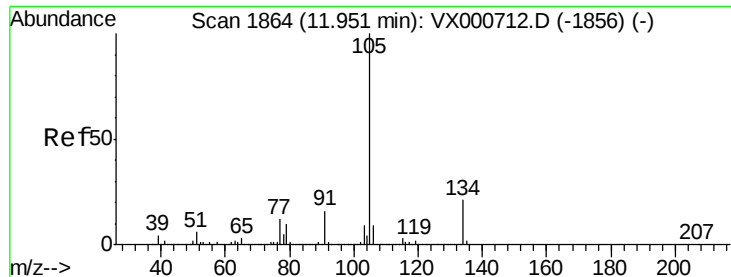
Tgt Ion:119 Resp: 276080
 Ion Ratio Lower Upper
 119 100
 91 54.2 27.3 81.8
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.23 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion:105 Resp: 272478
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5

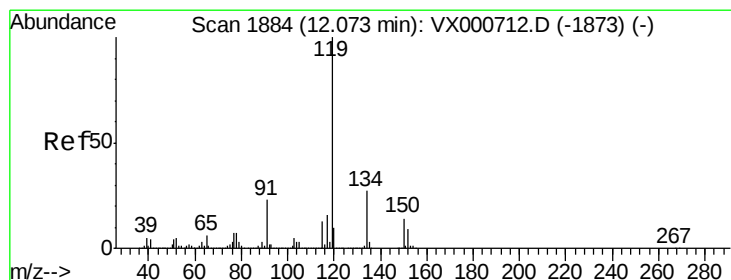
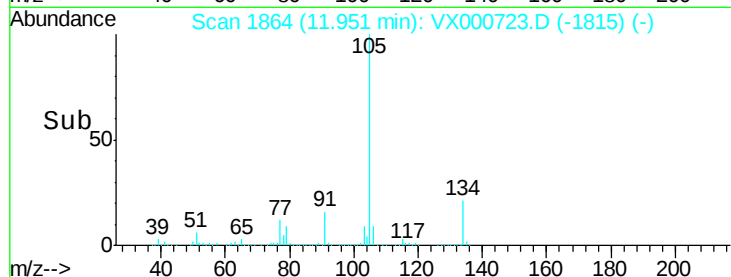
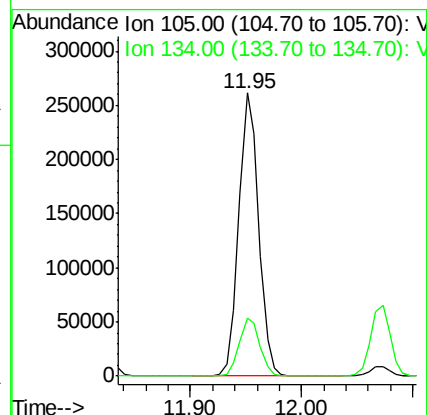
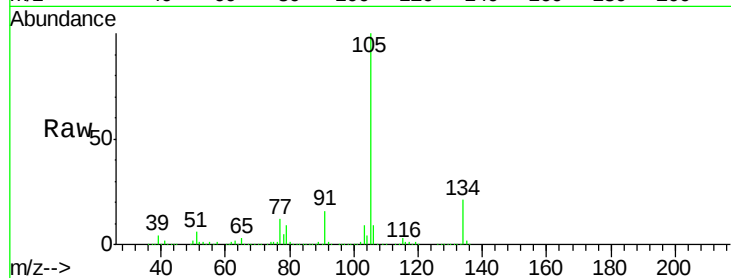




#85
 sec-Butylbenzene
 Concen: 19.69 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

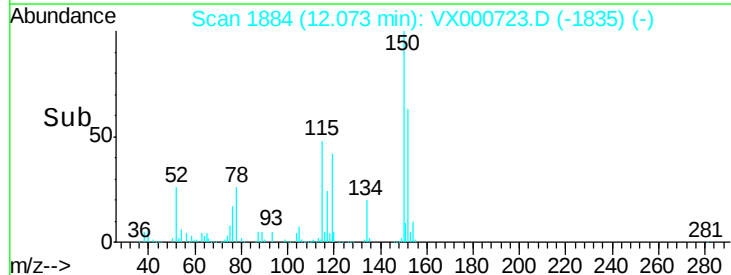
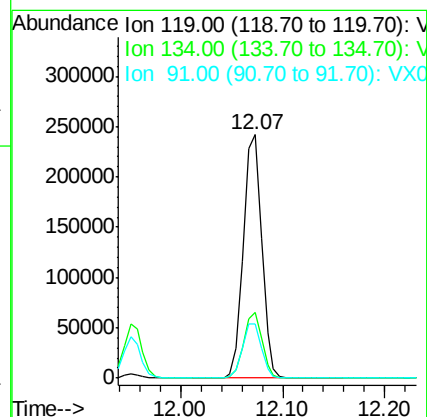
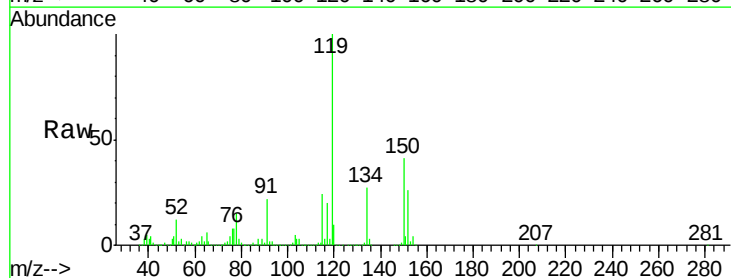
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

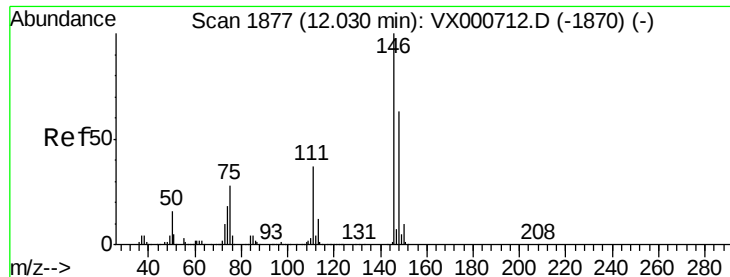
Tgt Ion:105 Resp: 323152
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 19.56 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion:119 Resp: 300135
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 23.0 11.5 34.4

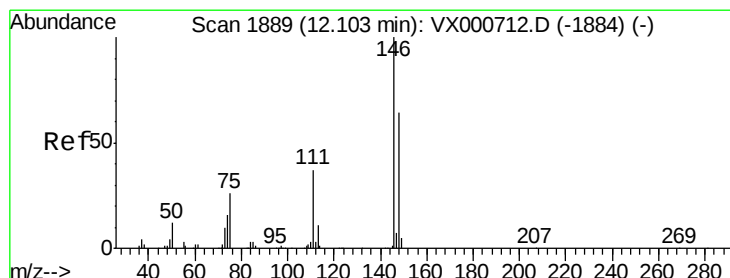
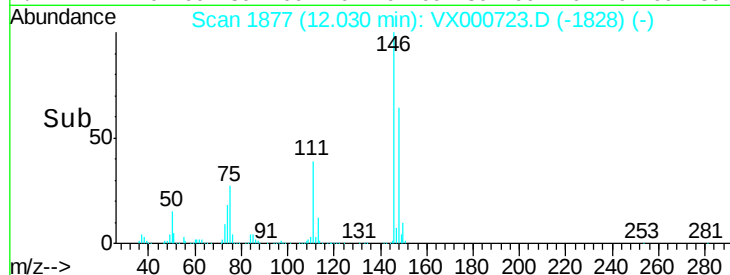
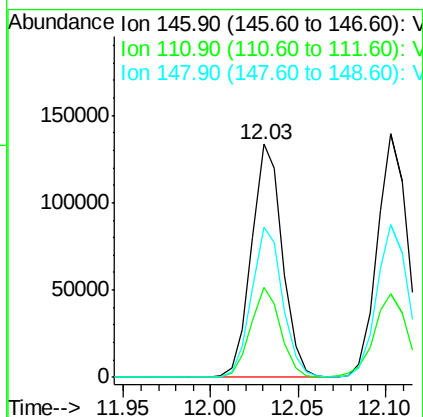
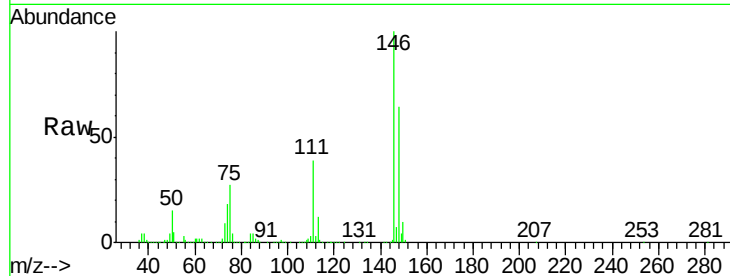




#87
 1,3-Dichlorobenzene
 Concen: 19.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

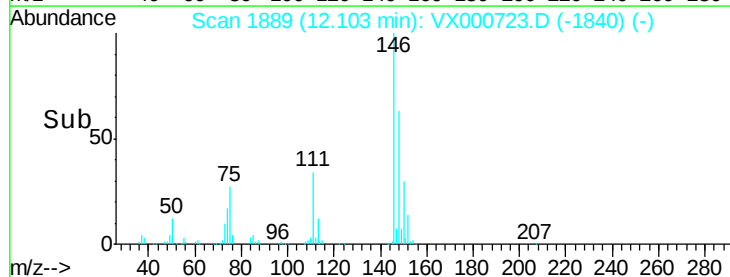
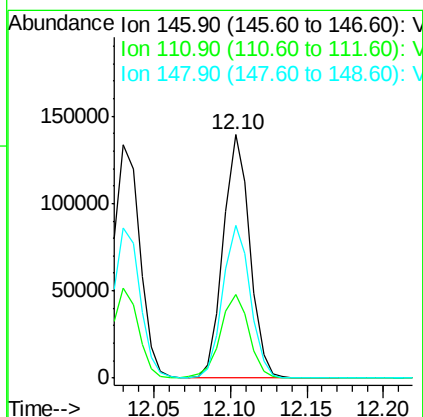
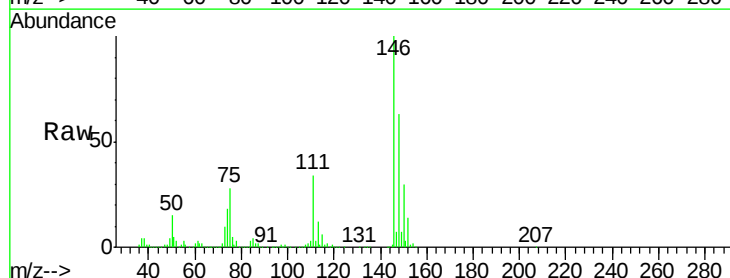
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

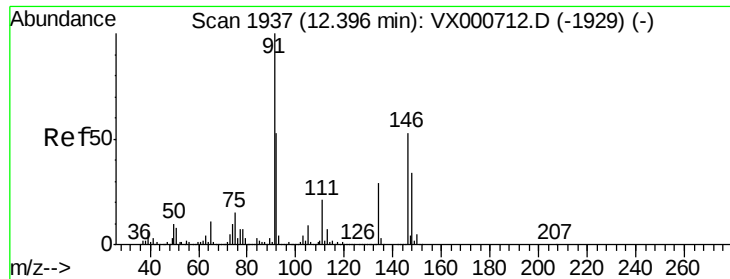
Tgt Ion:146 Resp: 163853
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion:146 Resp: 168134
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.2 54.6
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.60 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000723.D

Acq: 08 Apr 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

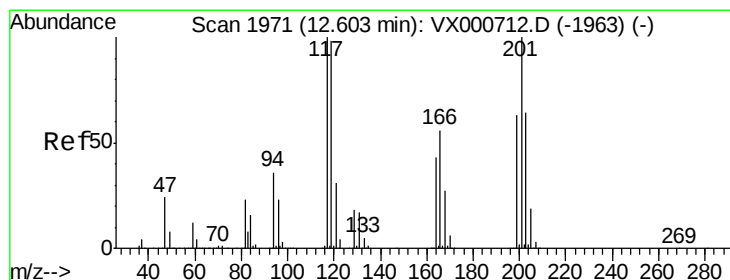
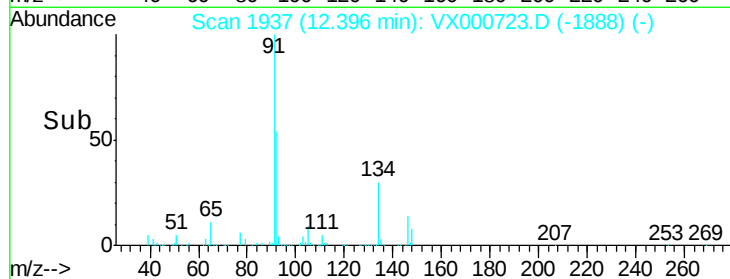
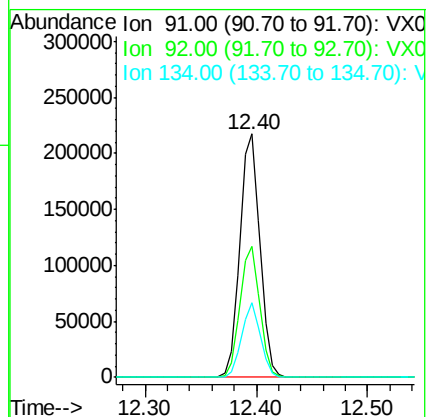
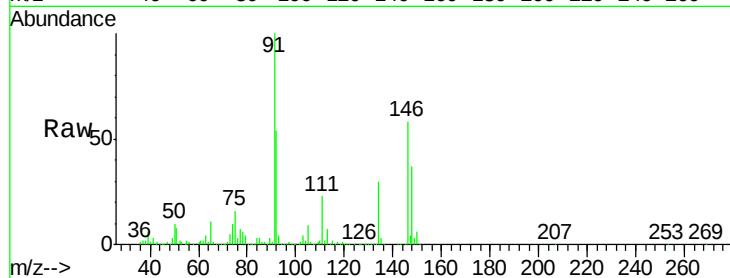
Tgt Ion: 91 Resp: 268643

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 29.0 14.4 43.0



#90

Hexachloroethane

Concen: 19.19 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000723.D

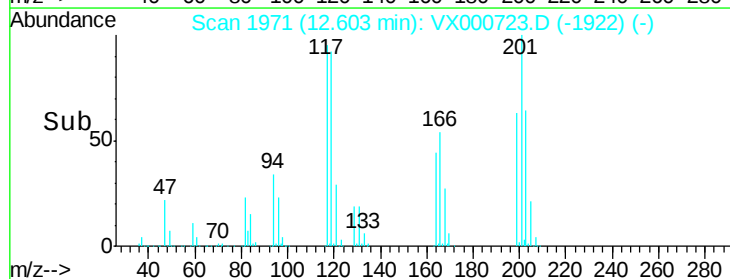
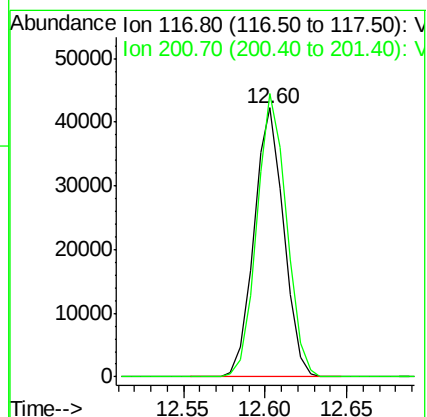
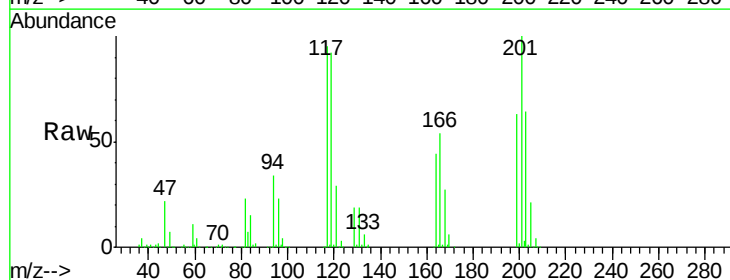
Acq: 08 Apr 2018 11:44

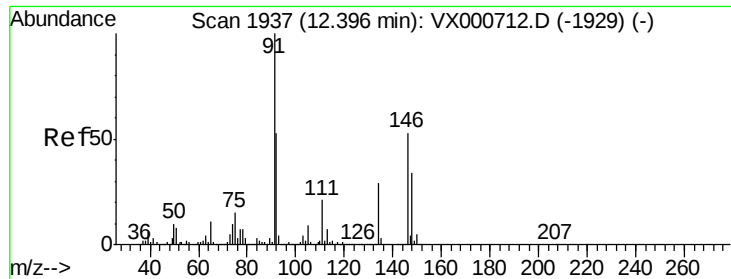
Tgt Ion: 117 Resp: 53481

Ion Ratio Lower Upper

117 100

201 105.0 51.2 153.6

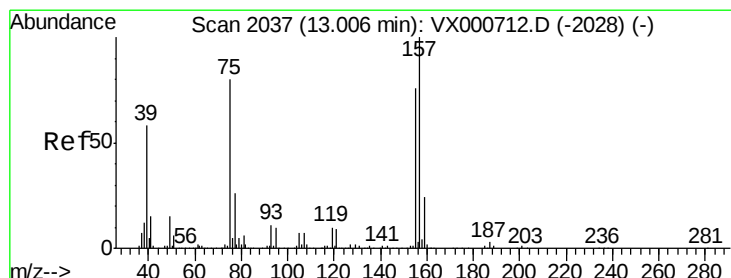
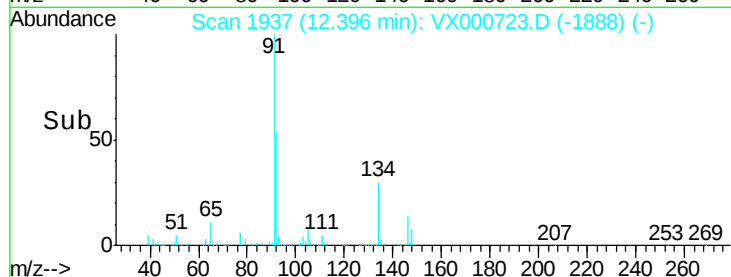
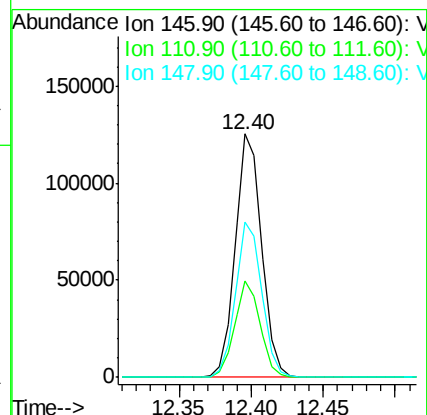
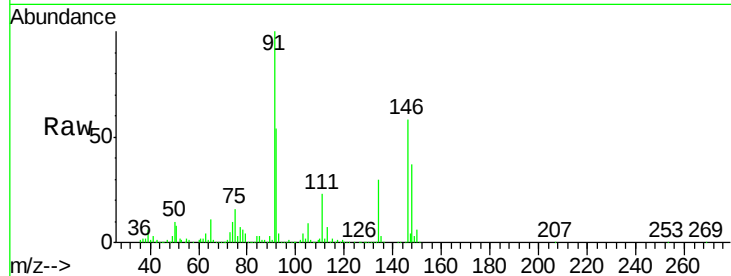




#91
 1,2-Dichlorobenzene
 Concen: 19.61 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

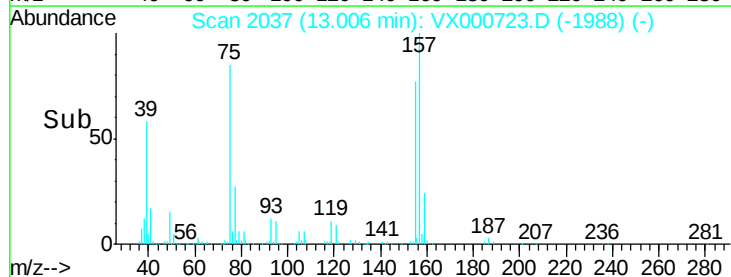
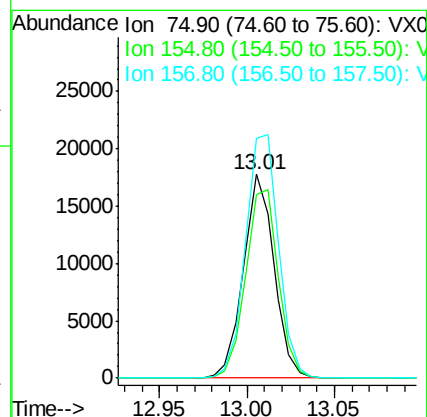
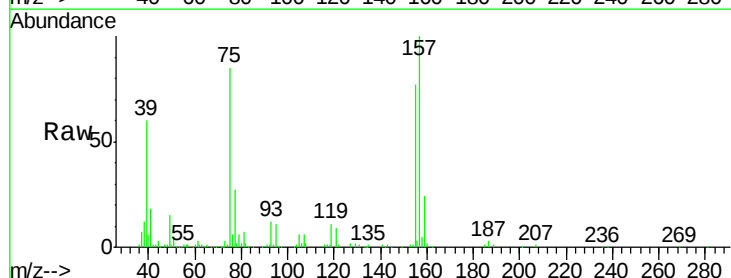
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

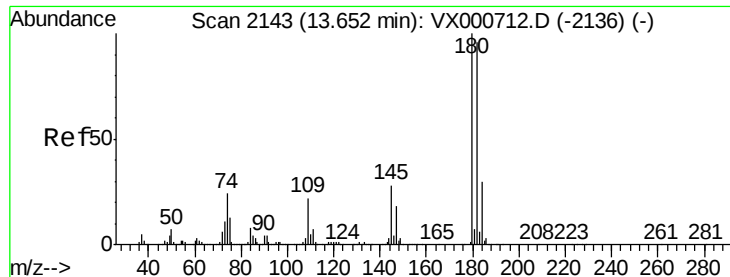
Tgt Ion: 146 Resp: 160679
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.59 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion: 75 Resp: 21703
 Ion Ratio Lower Upper
 75 100
 155 98.5 48.4 145.0
 157 128.4 62.8 188.5

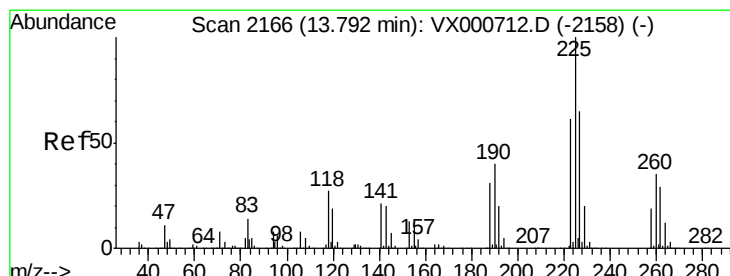
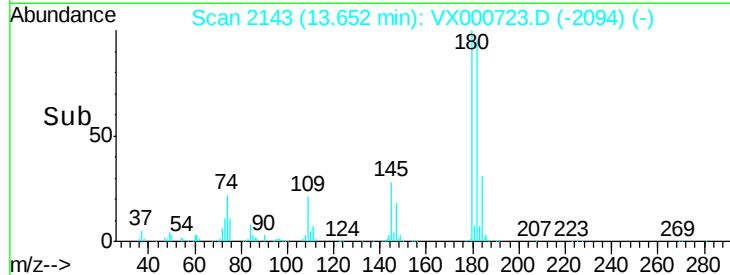
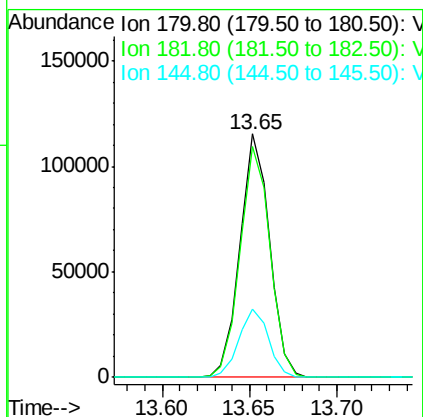
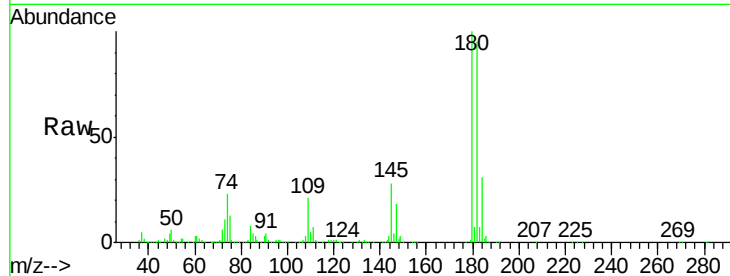




#93
 1,2,4-Trichlorobenzene
 Concen: 19.50 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

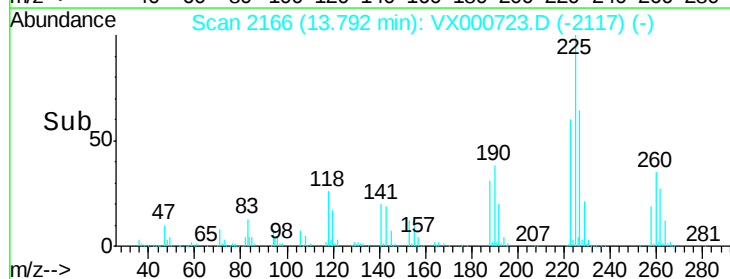
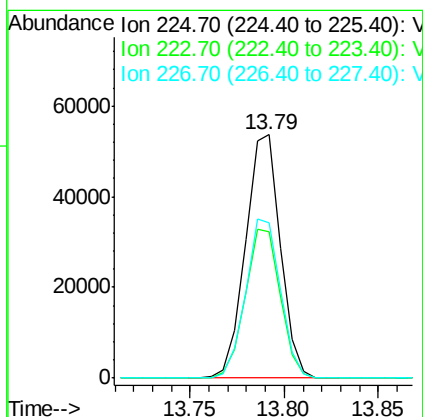
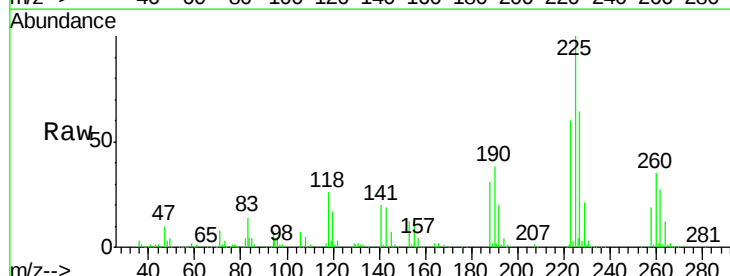
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

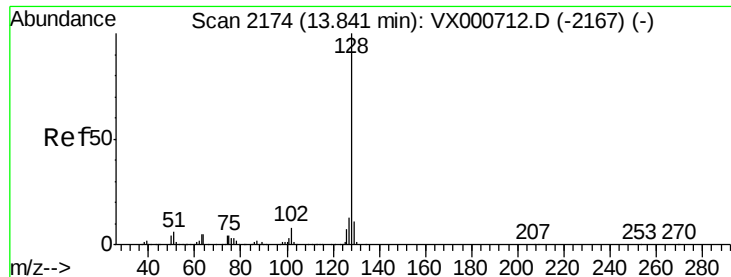
Tgt Ion:180 Resp: 135925
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.7
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 20.04 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000723.D
 Acq: 08 Apr 2018 11:44

Tgt Ion:225 Resp: 68789
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.8
 227 65.1 31.9 95.7

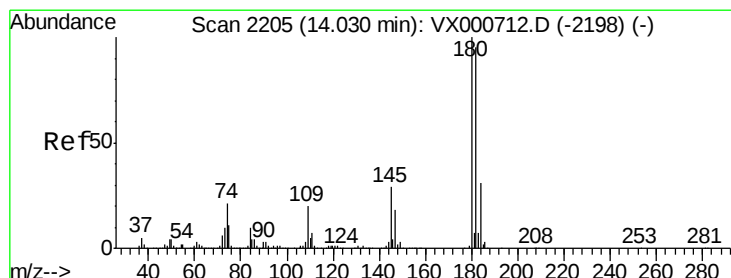
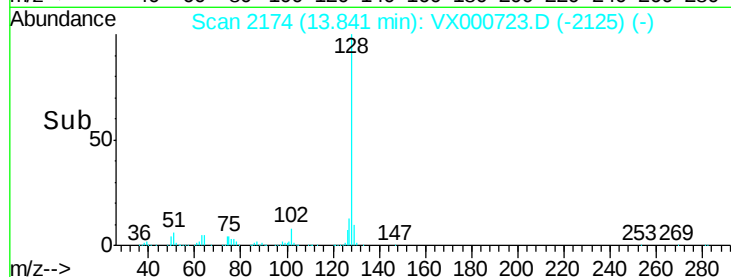
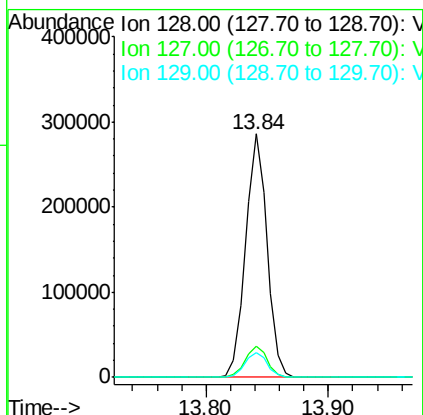
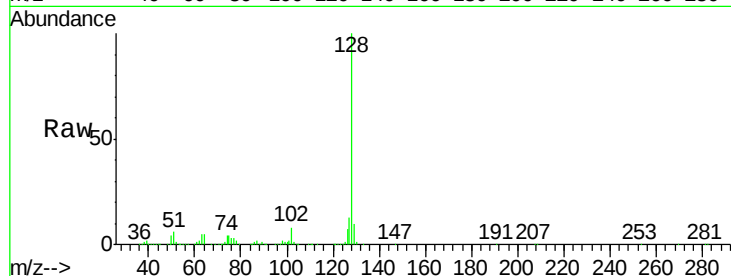




#95
Naphthalene
Concen: 18.99 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tgt Ion:128 Resp: 346586
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.84 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000723.D
Acq: 08 Apr 2018 11:44

Tgt Ion:180 Resp: 133444
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 29.2 14.9 44.9

