

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000721.D
 Acq On : 08 Apr 2018 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 09 06:37:25 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	327123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	251191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170917	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.51	113	143701	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.72	98	522994	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	216390	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141564	48.05	ug/l	100
3) Chloromethane	1.32	50	113807	48.54	ug/l	97
4) Vinyl Chloride	1.40	62	121512	45.64	ug/l	98
5) Bromomethane	1.64	94	75487	57.03	ug/l	97
6) Chloroethane	1.73	64	74747	45.76	ug/l	100
7) Trichlorofluoromethane	1.93	101	200690	46.03	ug/l	100
8) Diethyl Ether	2.19	74	77088	51.30	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124198	48.64	ug/l	98
10) Methyl Iodide	2.51	142	136718	49.75	ug/l	98
11) Tert butyl alcohol	3.07	59	144401	226.84	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106677	46.53	ug/l	98
13) Acrolein	2.29	56	60973	218.85	ug/l	99
14) Allyl chloride	2.73	41	210464	45.41	ug/l	99
15) Acrylonitrile	3.15	53	311102	233.18	ug/l	99
16) Acetone	2.45	43	274770	234.16	ug/l	99
17) Carbon Disulfide	2.57	76	253939	49.73	ug/l	99
18) Methyl Acetate	2.78	43	166363	47.75	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	414148	48.59	ug/l	99
20) Methylene Chloride	2.86	84	122261	48.52	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	116031	47.34	ug/l	95
22) Diisopropyl ether	3.87	45	412593	45.43	ug/l	98
23) Vinyl Acetate	3.83	43	1745601	226.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219264	46.12	ug/l	97
25) 2-Butanone	4.71	43	462667	225.37	ug/l	97
26) 2,2-Dichloropropane	4.59	77	225802	46.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	146755	46.83	ug/l	98
28) Bromochloromethane	5.03	49	103335	55.33	ug/l	98
29) Tetrahydrofuran	5.17	42	289766	221.80	ug/l	99
30) Chloroform	5.22	83	244751	47.36	ug/l	99
31) Cyclohexane	5.58	56	188314	49.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	228927	46.48	ug/l	99
36) 1,1-Dichloropropene	5.81	75	176112	46.27	ug/l	99
37) Ethyl Acetate	4.86	43	182277	44.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	212488	47.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	207389	51.55	ug/l	99
40) Benzene	6.15	78	510655	47.70	ug/l	99
41) Methacrylonitrile	5.07	41	109344	45.94	ug/l	99
42) 1,2-Dichloroethane	6.20	62	199661	47.28	ug/l	98
43) Isopropyl Acetate	6.47	43	326416	45.62	ug/l	99
44) Trichloroethene	7.22	130	158438	48.70	ug/l	100
45) 1,2-Dichloropropane	7.53	63	138400	48.21	ug/l	98
46) Dibromomethane	7.67	93	94289	47.32	ug/l	97
47) Bromodichloromethane	7.90	83	200983	48.75	ug/l	99
48) Methyl methacrylate	7.78	41	168675	46.86	ug/l	99
49) 1,4-Dioxane	7.76	88	65676	919.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	956215	230.68	ug/l	99
52) Toluene	8.79	92	343251	48.09	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239814	48.89	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	239721	49.21	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	141558	48.76	ug/l	98
56) Ethyl methacrylate	9.19	69	224454	48.48	ug/l	99
57) 1,3-Dichloropropane	9.38	76	228264	48.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	544093	250.93	ug/l	100
59) 2-Hexanone	9.51	43	723759	228.77	ug/l	99
60) Dibromochloromethane	9.59	129	179125	49.46	ug/l	99
61) 1,2-Dibromoethane	9.68	107	148314	47.57	ug/l	100
64) Tetrachloroethene	9.34	164	157739	48.30	ug/l	99
65) Chlorobenzene	10.15	112	414110	48.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163038	48.70	ug/l	99
67) Ethyl Benzene	10.26	91	686032	47.70	ug/l	100
68) m/p-Xylenes	10.37	106	539911	95.96	ug/l	99
69) o-Xylene	10.71	106	265633	48.11	ug/l	98
70) Styrene	10.72	104	452043	48.46	ug/l	100
71) Bromoform	10.87	173	158339	49.96	ug/l #	99
73) Isopropylbenzene	11.02	105	722460	48.11	ug/l	100
74) N-amyl acetate	6.47	43	326416	44.66	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208791	46.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	260247	60.89	ug/l	82
77) Bromobenzene	11.26	156	207581	48.74	ug/l	98
78) n-propylbenzene	11.37	91	822203	47.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	487393	47.43	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	624180	47.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75403	45.93	ug/l #	92
82) 4-Chlorotoluene	11.52	91	588427	47.79	ug/l	100
83) tert-Butylbenzene	11.77	119	646364	48.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	644637	47.87	ug/l	100
85) sec-Butylbenzene	11.95	105	753597	48.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	709407	48.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	390947	48.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	397783	48.63	ug/l	99
89) n-Butylbenzene	12.40	91	630327	48.37	ug/l	100
90) Hexachloroethane	12.60	117	129126	48.75	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	378576	48.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51796	44.15	ug/l	95

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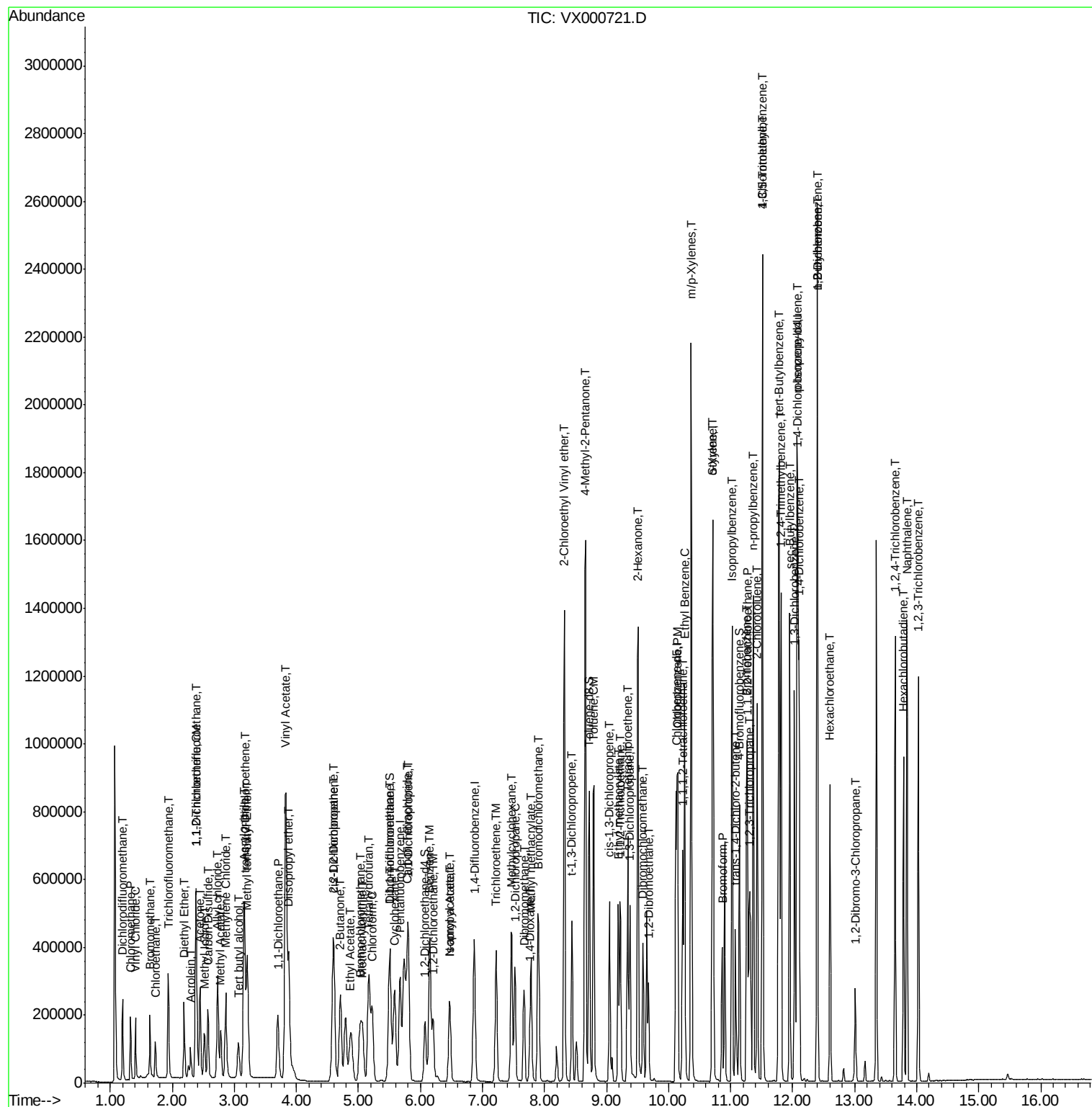
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	329564	49.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	165060	50.58	ug/l	99
95) Naphthalene	13.84	128	836157	48.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	318744	49.85	ug/l	99

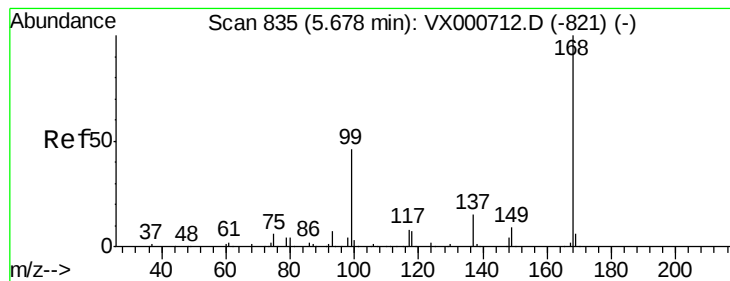
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

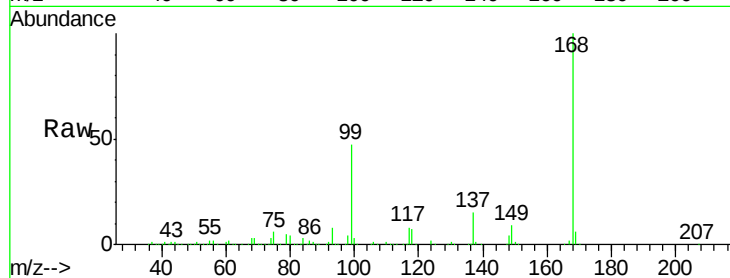
VSTDCCC050

Tgt Ion:168 Resp: 327123

Ion Ratio Lower Upper

168 100

99 47.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

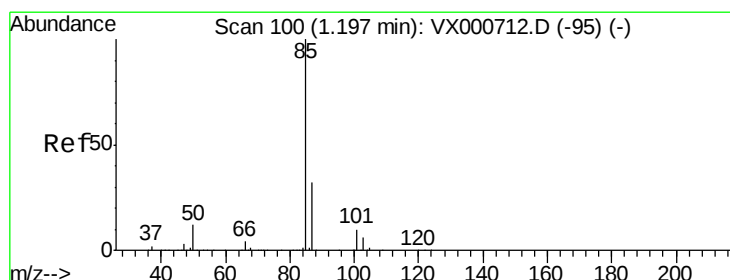
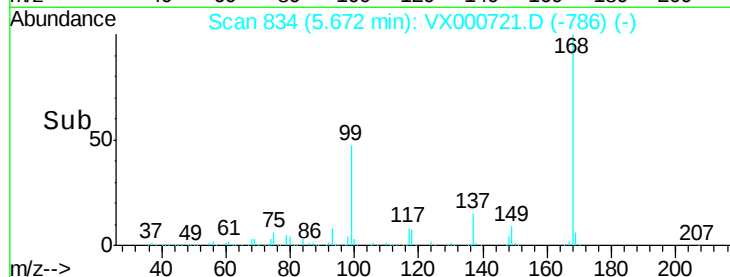
100000

50000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000721.D

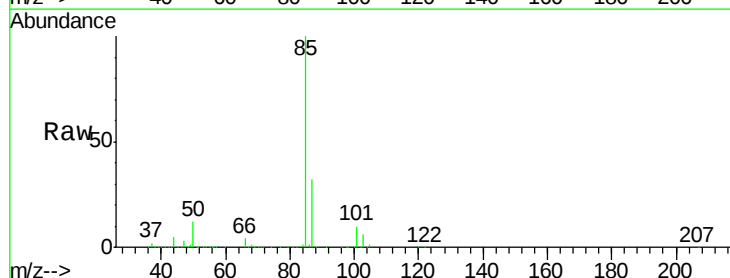
Acq: 08 Apr 2018 10:31

Tgt Ion: 85 Resp: 141564

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

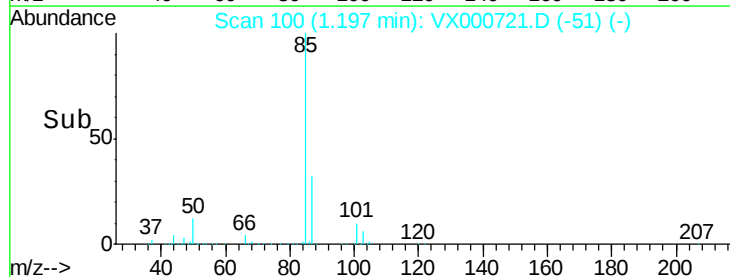
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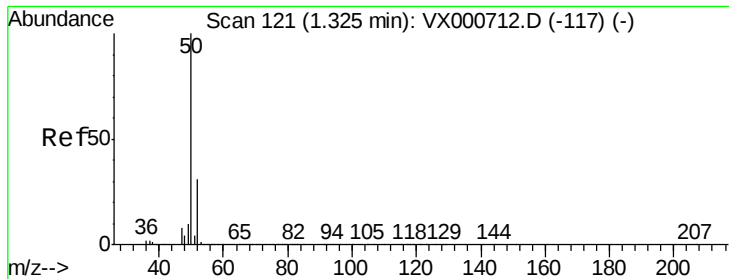
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.54 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

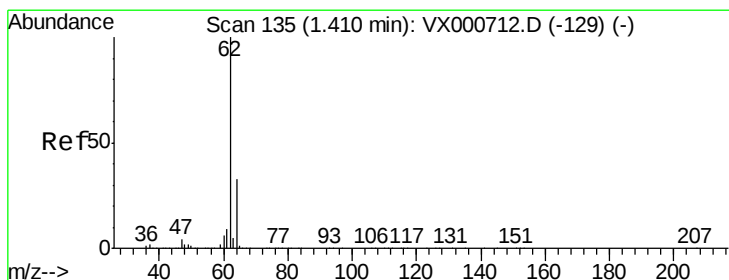
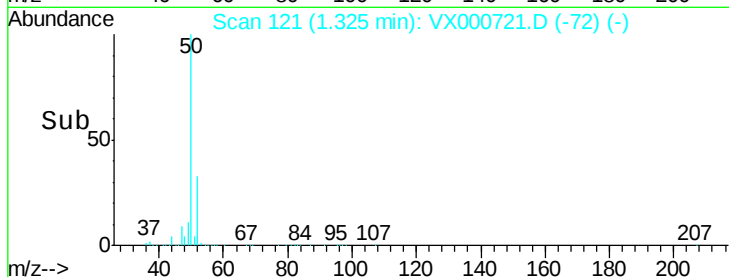
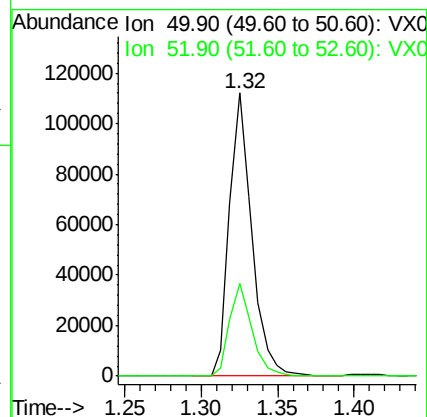
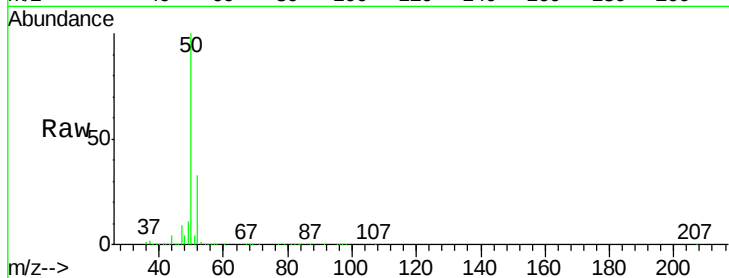
VSTDCCC050

Tgt Ion: 50 Resp: 113807

Ion Ratio Lower Upper

50 100

52 32.9 24.9 37.3



#4

Vinyl Chloride

Concen: 45.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000721.D

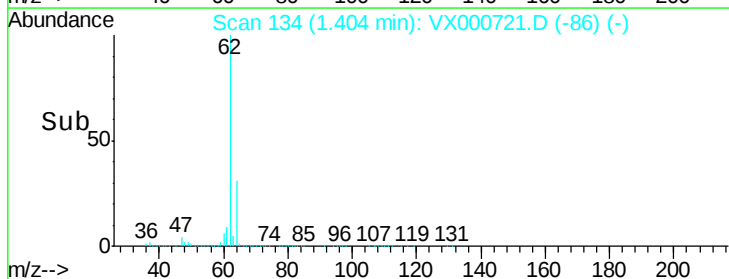
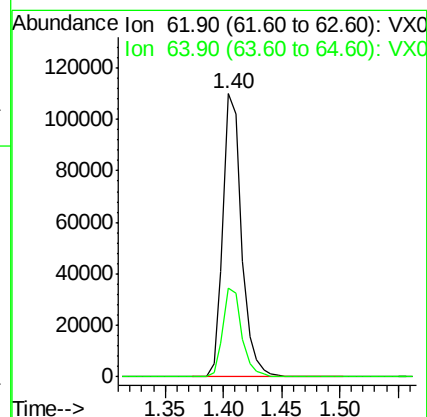
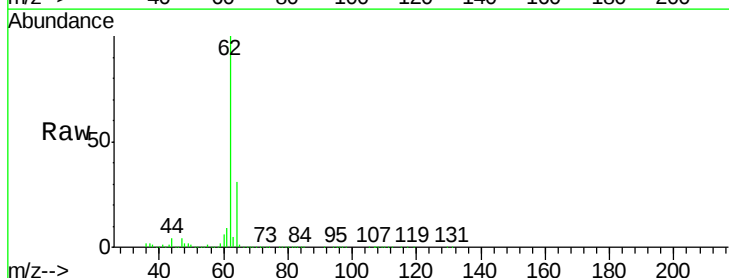
Acq: 08 Apr 2018 10:31

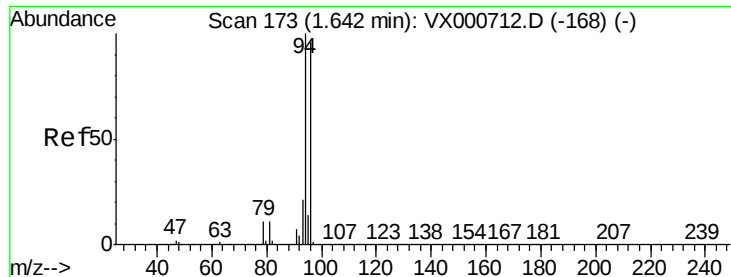
Tgt Ion: 62 Resp: 121512

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2





#5

Bromomethane

Concen: 57.03 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

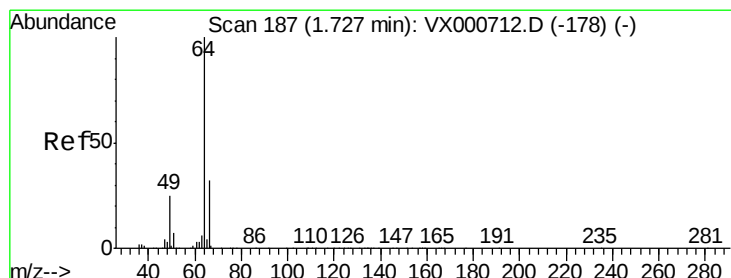
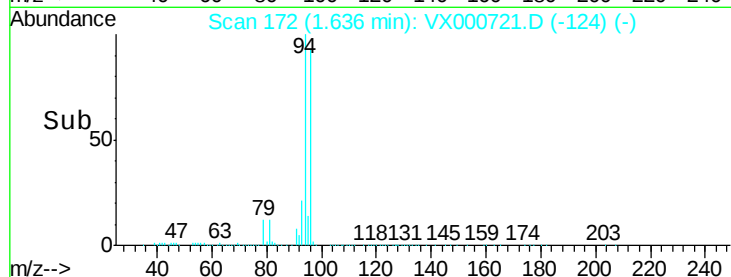
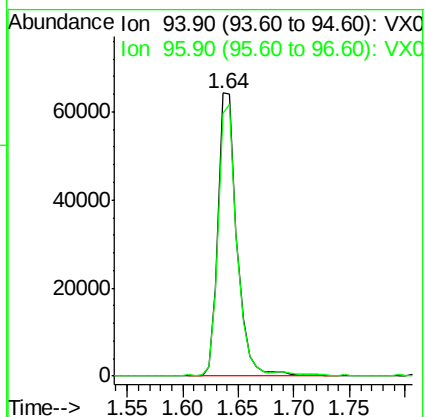
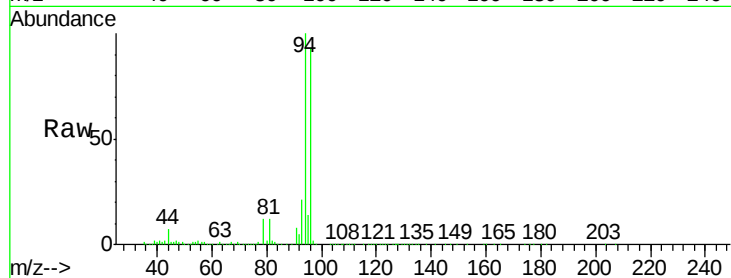
VSTDCCC050

Tgt Ion: 94 Resp: 75487

Ion Ratio Lower Upper

94 100

96 92.9 76.5 114.7



#6

Chloroethane

Concen: 45.76 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000721.D

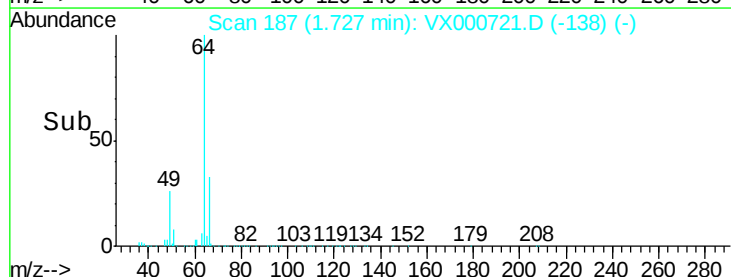
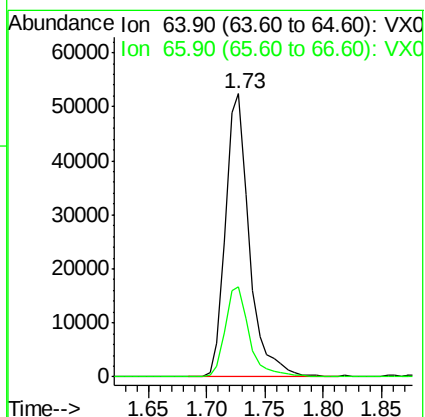
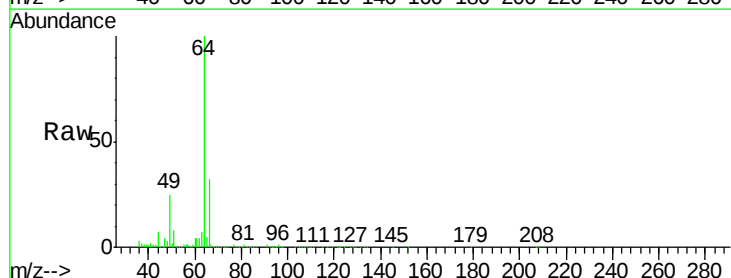
Acq: 08 Apr 2018 10:31

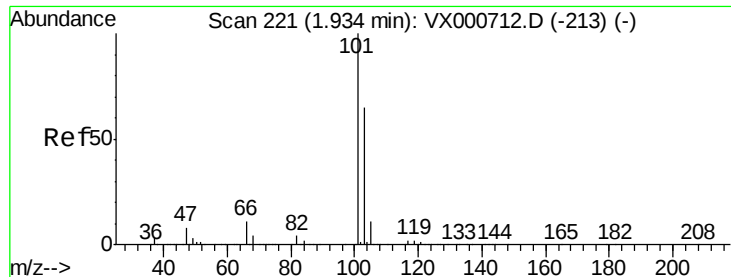
Tgt Ion: 64 Resp: 74747

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.2



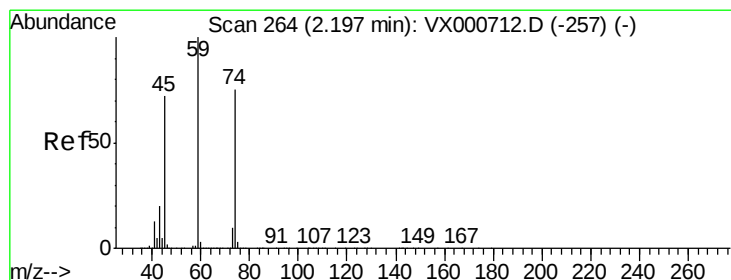
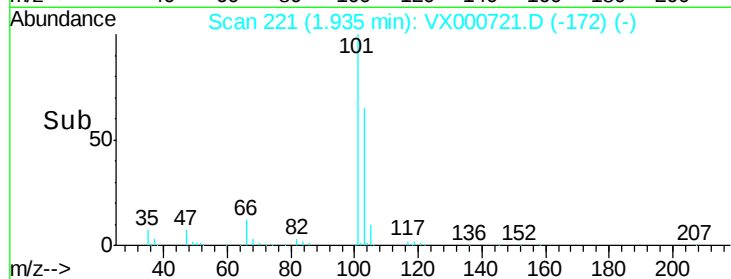
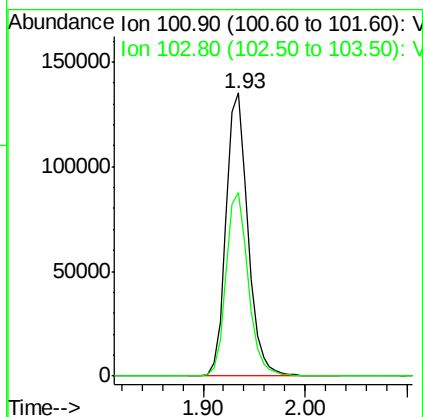
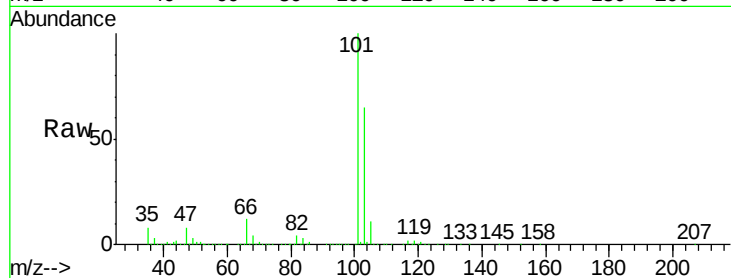


#7

Trichlorofluoromethane
Concen: 46.03 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

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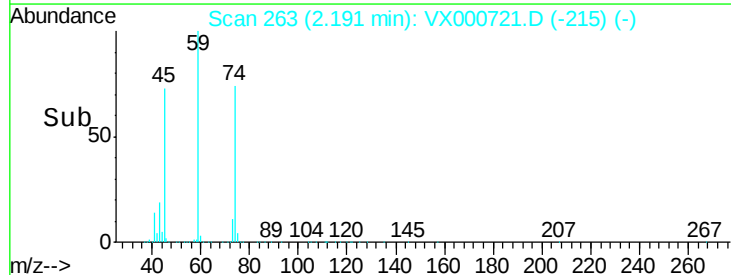
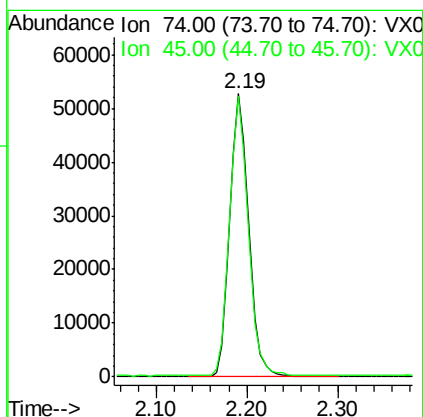
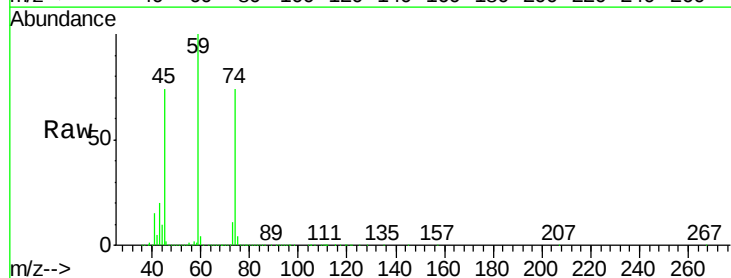
Tgt Ion: 101 Resp: 200690
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

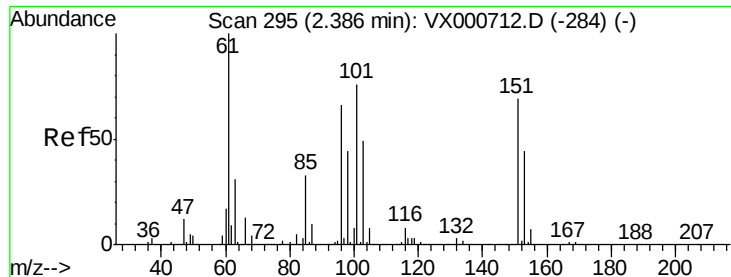


#8

Diethyl Ether
Concen: 51.30 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 74 Resp: 77088
Ion Ratio Lower Upper
74 100
45 96.9 48.4 145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.64 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

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VSTDCCC050

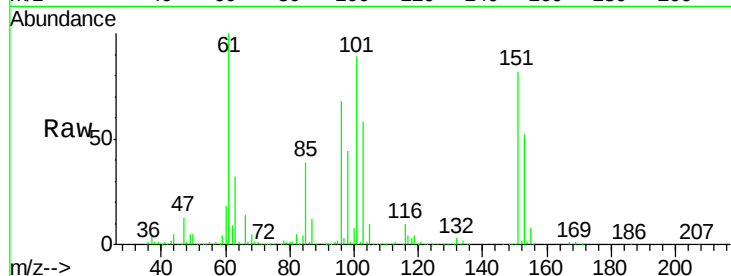
Tgt Ion:101 Resp: 124198

Ion Ratio Lower Upper

101 100

85 42.5 34.3 51.5

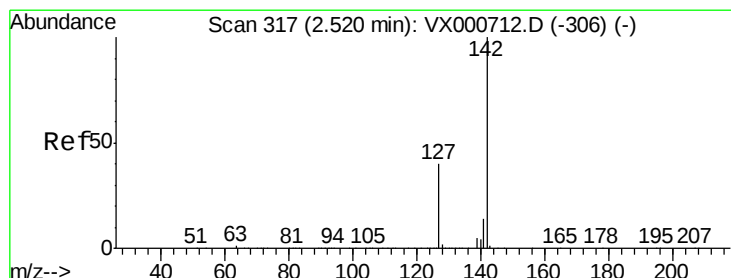
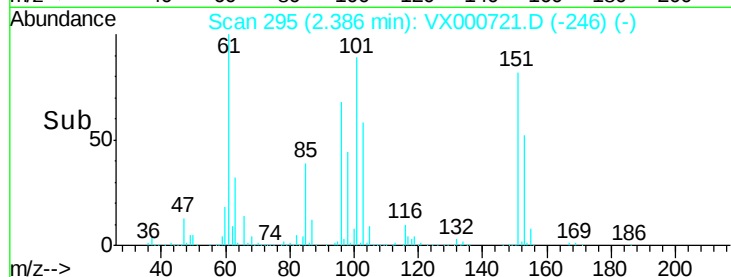
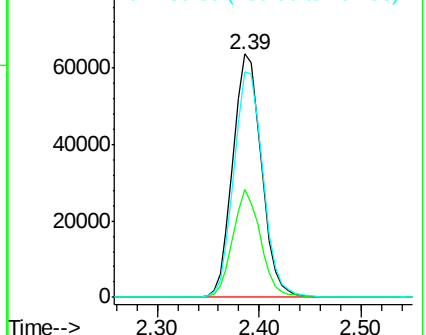
151 94.2 73.8 110.8



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: 49.75 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

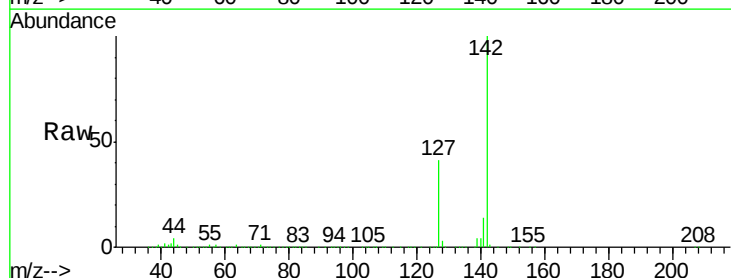
Tgt Ion:142 Resp: 136718

Ion Ratio Lower Upper

142 100

127 41.1 33.9 50.9

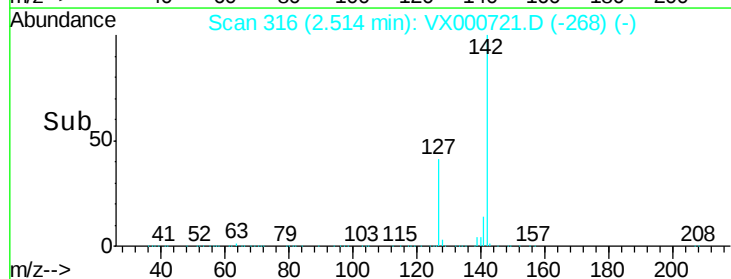
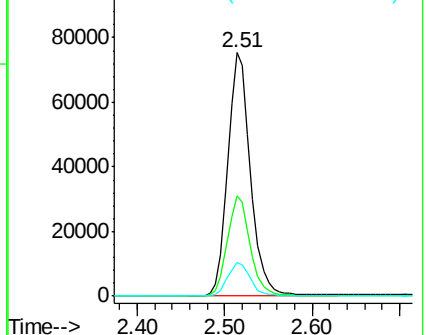
141 14.0 11.4 17.0

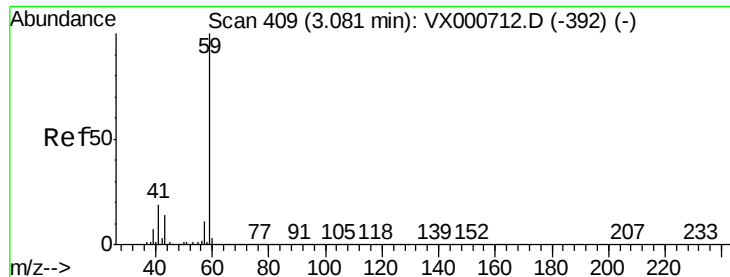


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

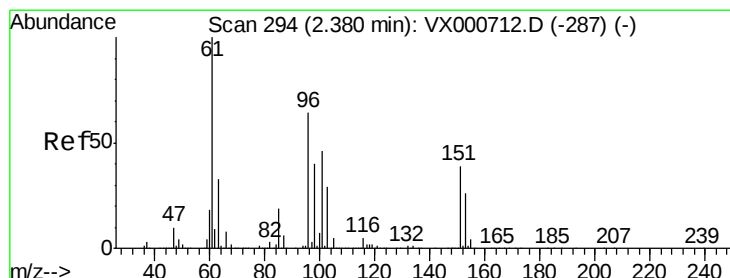
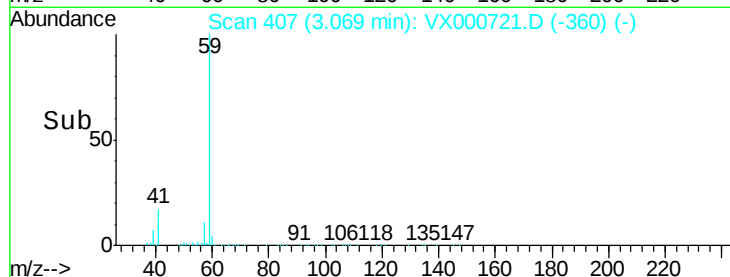
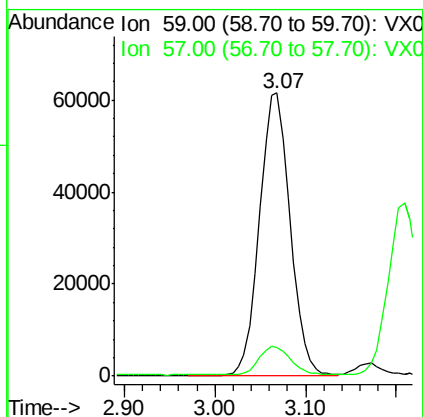
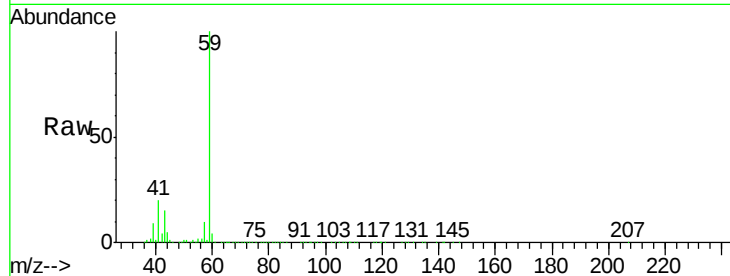




#11
Tert butyl alcohol
Concen: 226.84 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

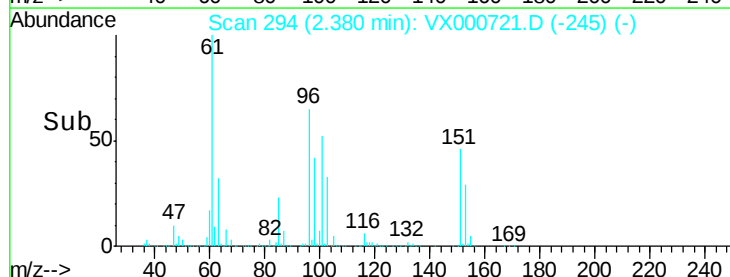
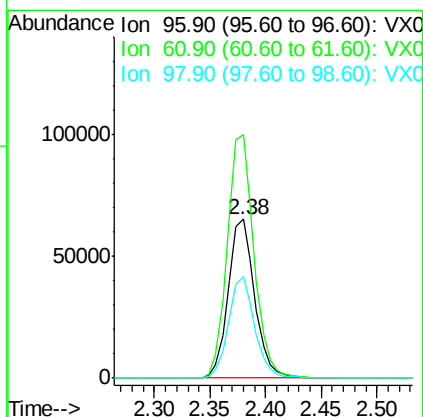
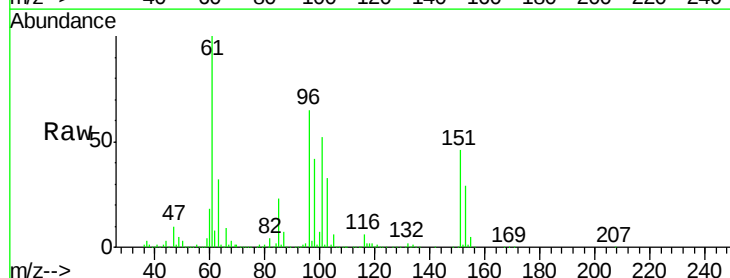
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

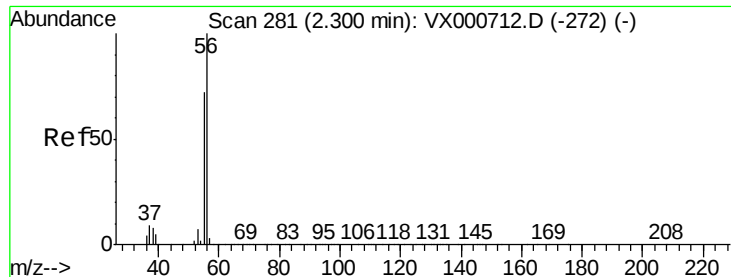
Tgt Ion: 59 Resp: 144401
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 46.53 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 96 Resp: 106677
Ion Ratio Lower Upper
96 100
61 153.5 125.0 187.4
98 64.0 50.5 75.7





#13

Acrolein

Concen: 218.85 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

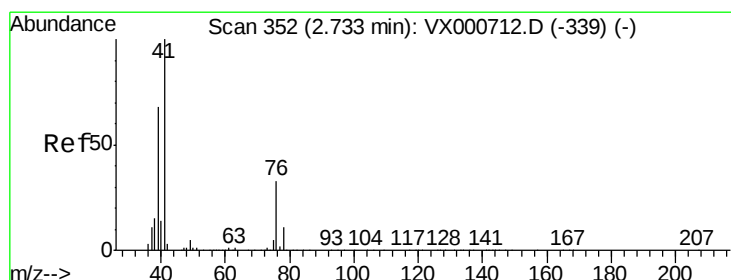
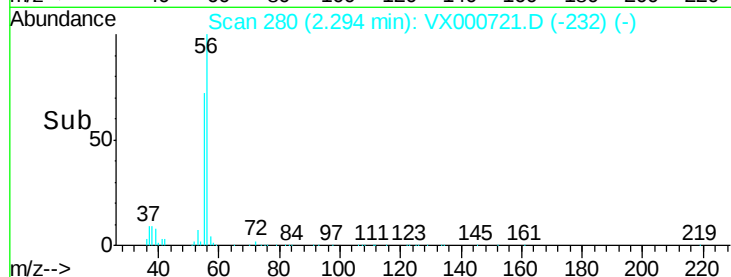
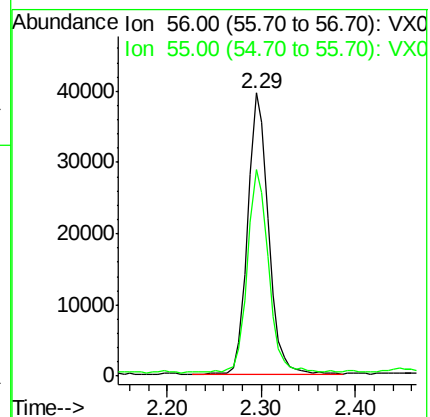
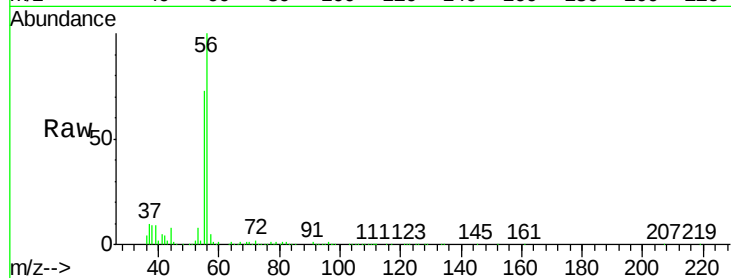
VSTDCCC050

Tgt Ion: 56 Resp: 60973

Ion Ratio Lower Upper

56 100

55 72.6 57.4 86.2



#14

Allyl chloride

Concen: 45.41 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

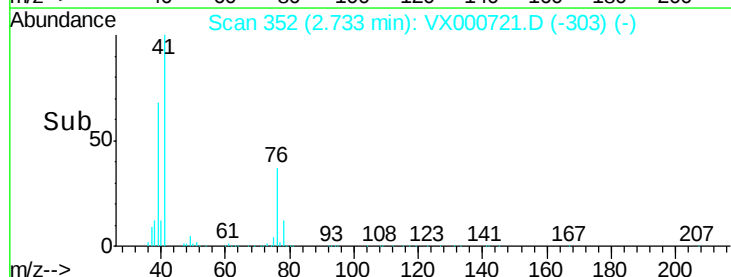
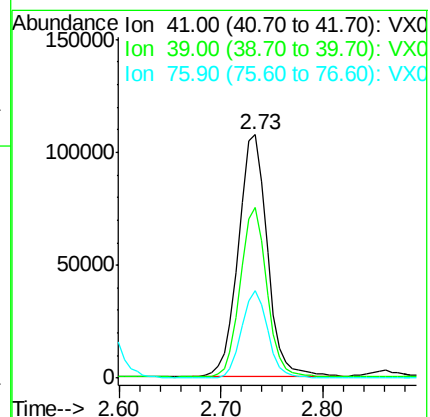
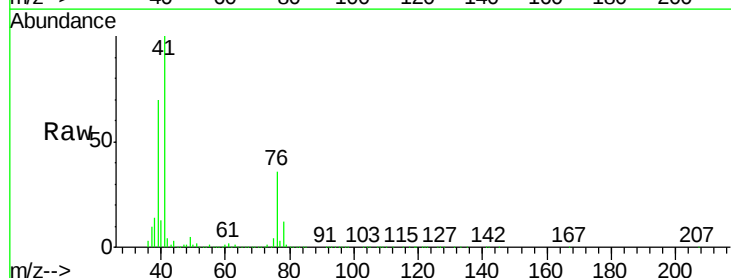
Tgt Ion: 41 Resp: 210464

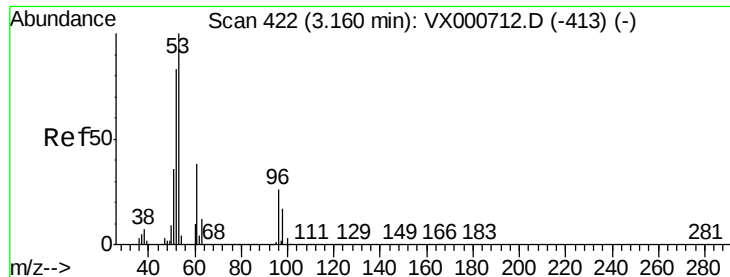
Ion Ratio Lower Upper

41 100

39 64.7 52.4 78.6

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 233.18 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

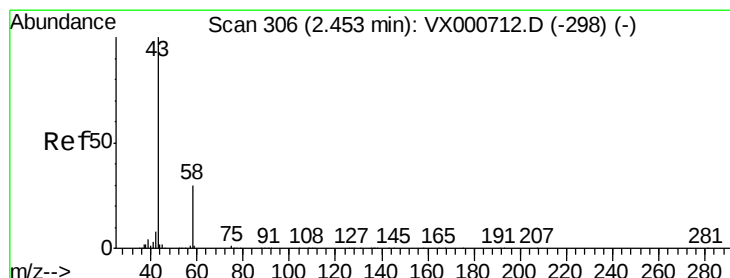
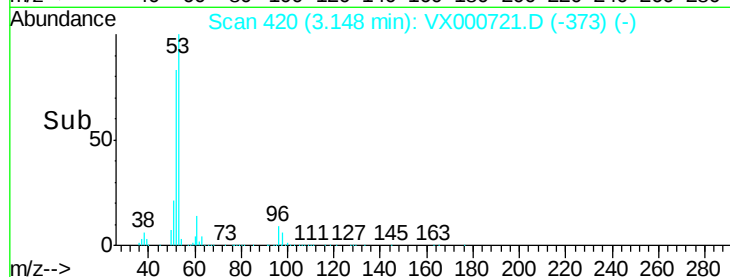
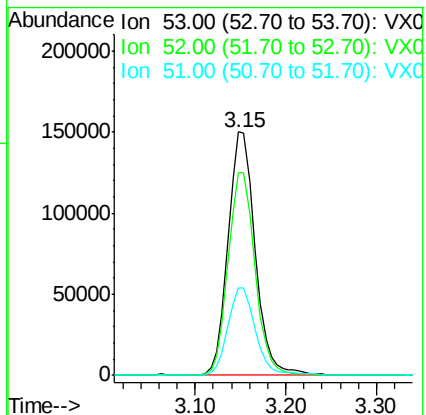
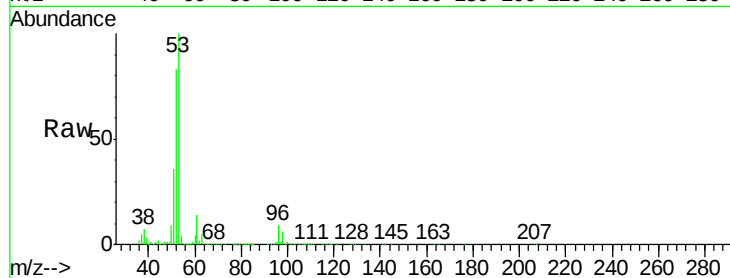
Tgt Ion: 53 Resp: 311102

Ion Ratio Lower Upper

53 100

52 83.4 66.1 99.1

51 36.5 29.1 43.7



#16

Acetone

Concen: 234.16 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000721.D

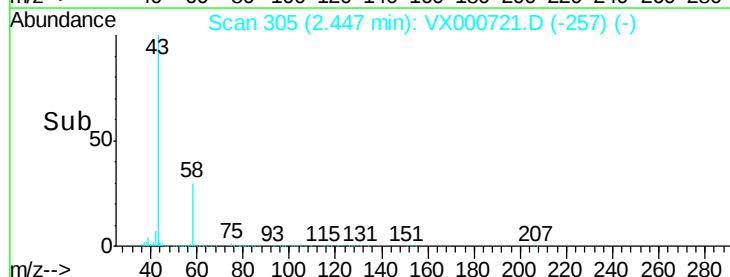
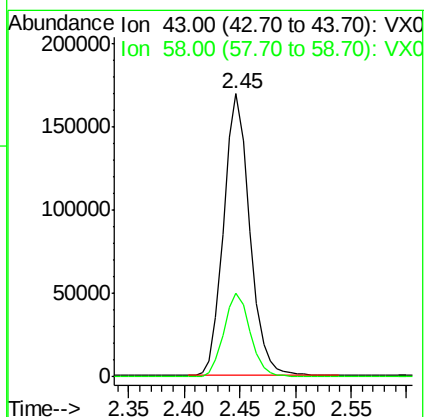
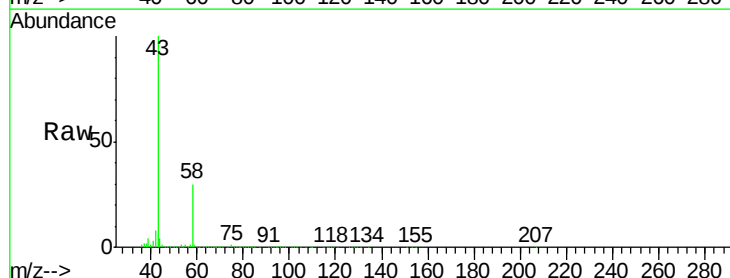
Acq: 08 Apr 2018 10:31

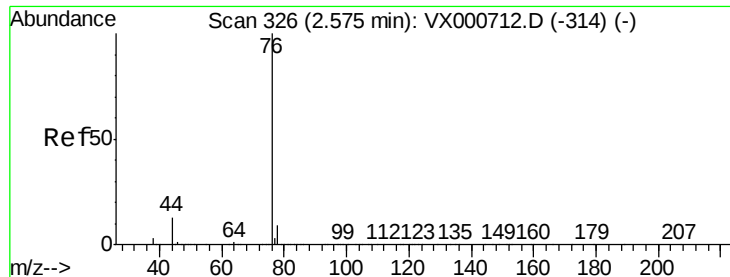
Tgt Ion: 43 Resp: 274770

Ion Ratio Lower Upper

43 100

58 29.6 24.0 36.0

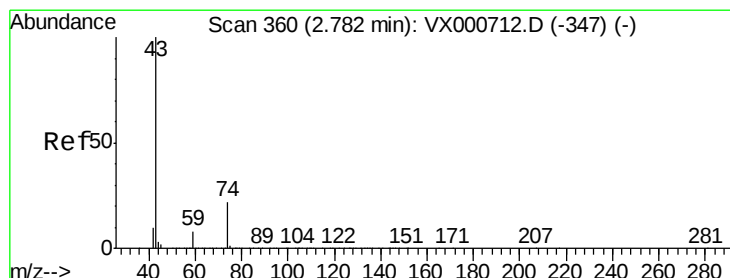
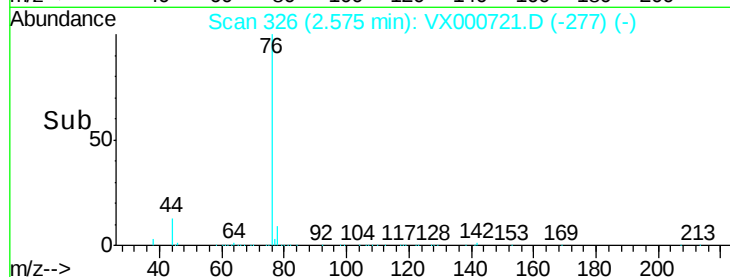
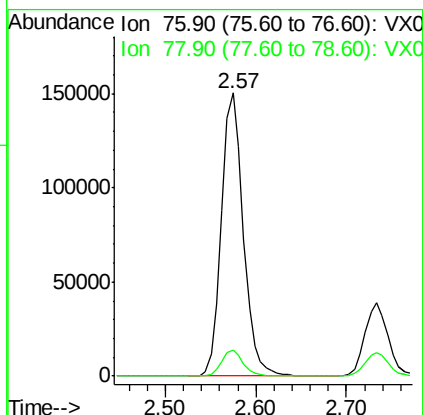
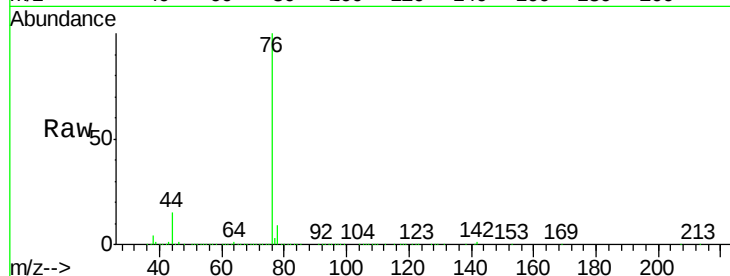




#17
Carbon Disulfide
Concen: 49.73 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

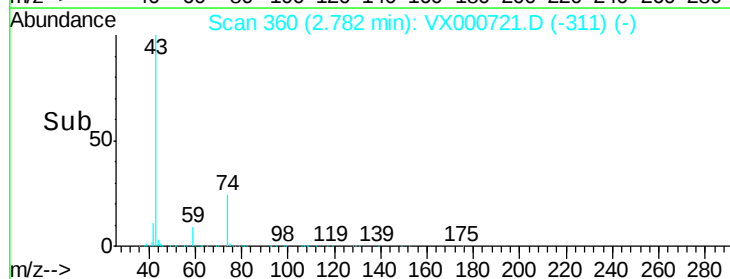
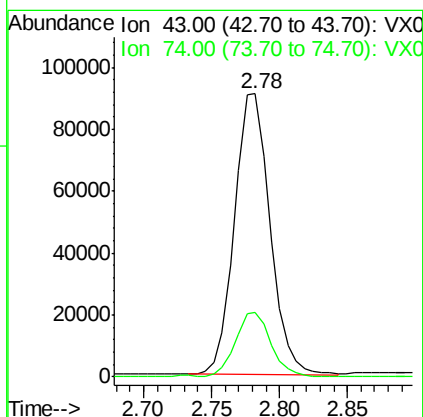
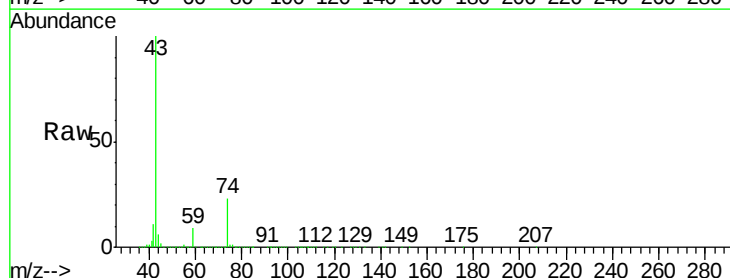
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

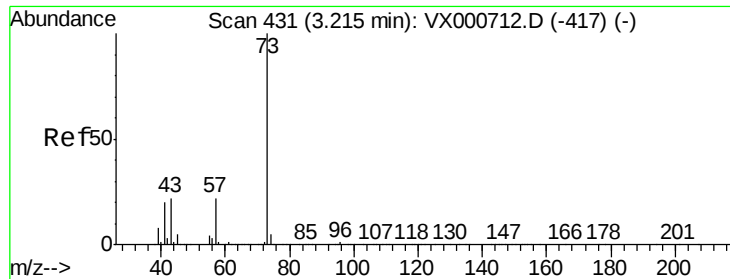
Tgt Ion: 76 Resp: 253939
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 47.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 43 Resp: 166363
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.6

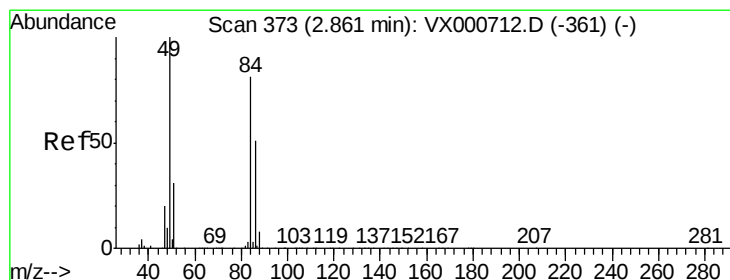
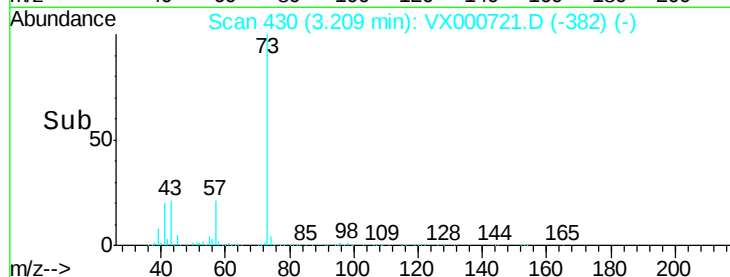
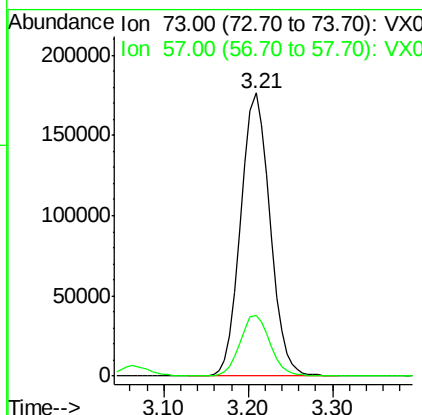
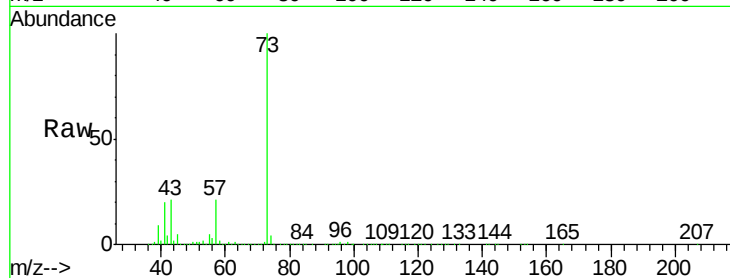




#19
Methyl tert-butyl Ether
Concen: 48.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

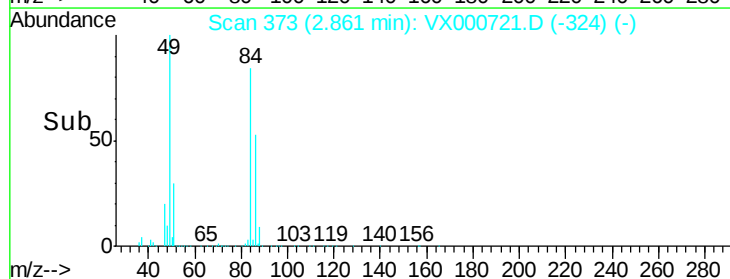
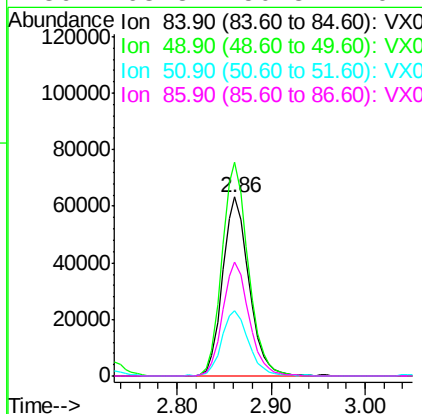
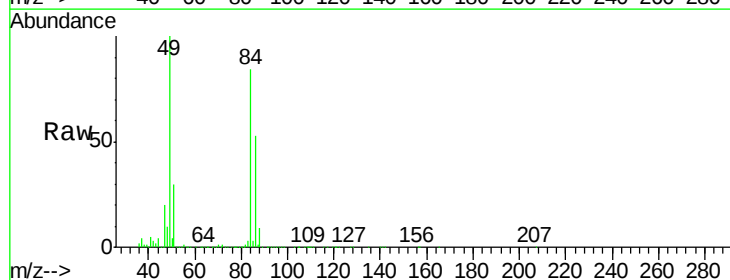
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

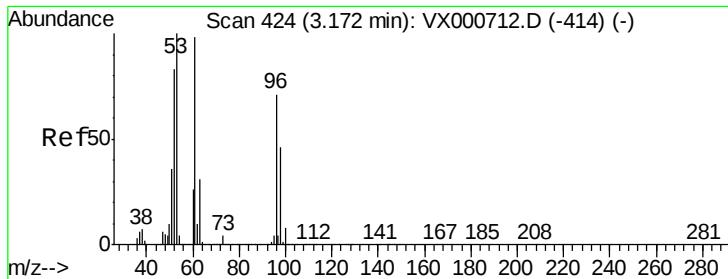
Tgt Ion: 73 Resp: 414148
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 48.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 84 Resp: 122261
Ion Ratio Lower Upper
84 100
49 119.4 98.6 148.0
51 36.2 30.8 46.2
86 63.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 47.34 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

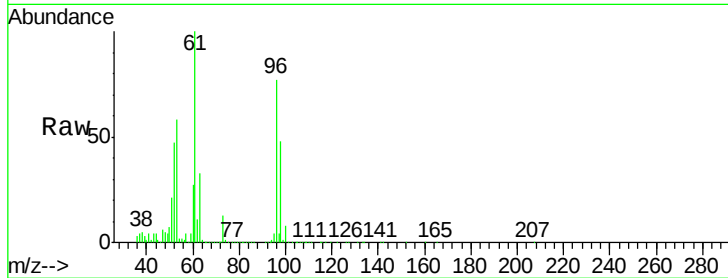
Tgt Ion: 96 Resp: 116031

Ion Ratio Lower Upper

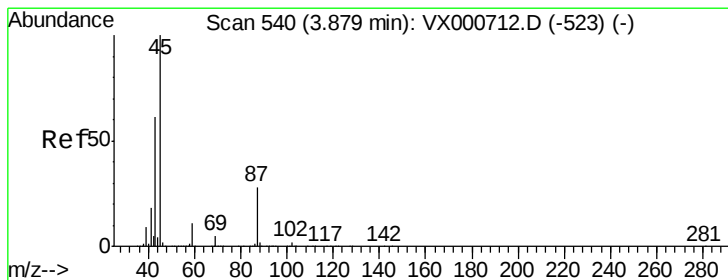
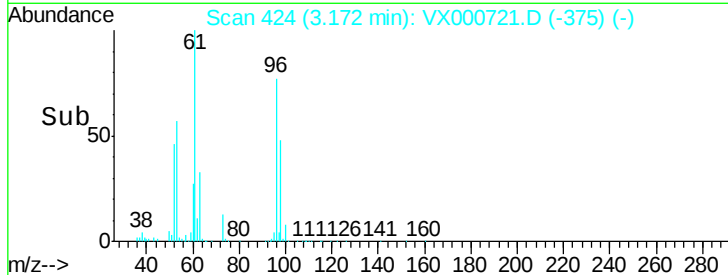
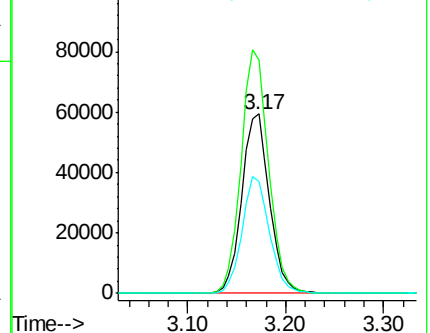
96 100

61 130.1 109.8 164.6

98 62.2 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: 45.43 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion: 45 Resp: 412593

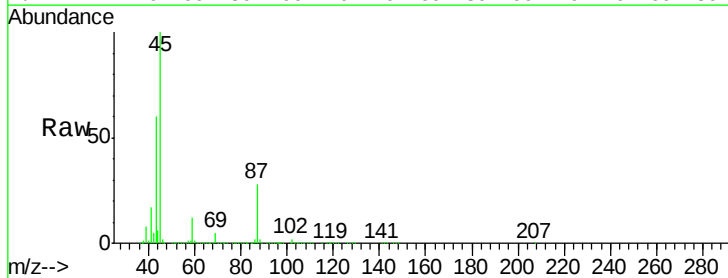
Ion Ratio Lower Upper

45 100

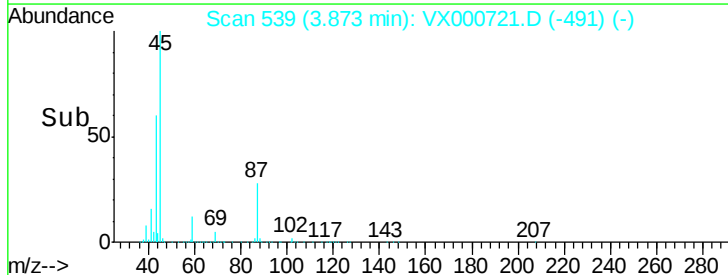
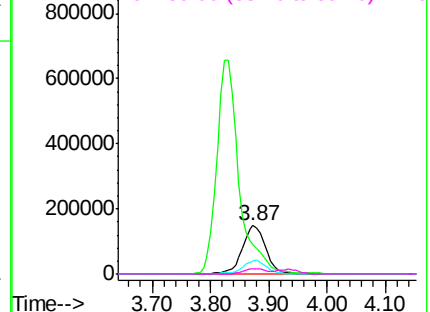
43 59.8 49.2 73.8

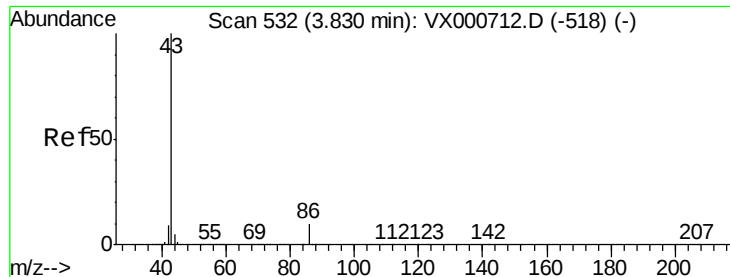
87 27.7 22.7 34.1

59 11.6 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: 226.97 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

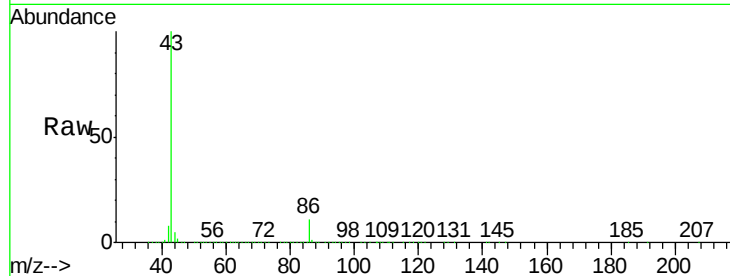
VSTDCCC050

Tgt Ion: 43 Resp: 1745601

Ion Ratio Lower Upper

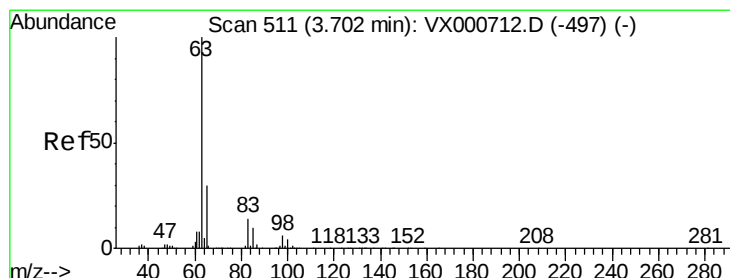
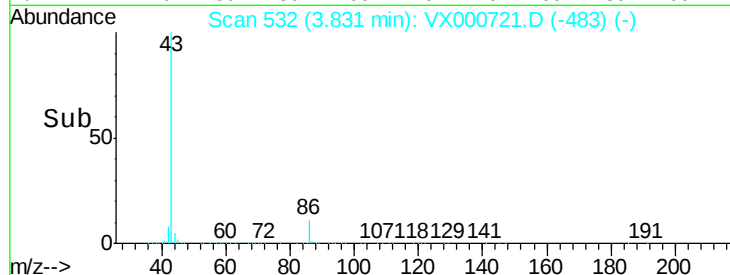
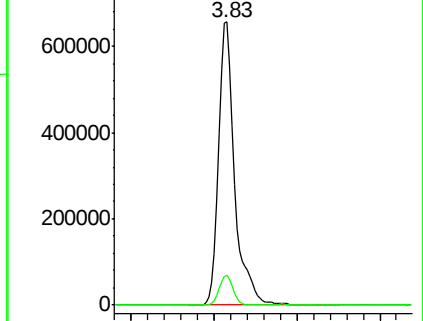
43 100

86 10.6 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: 46.12 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

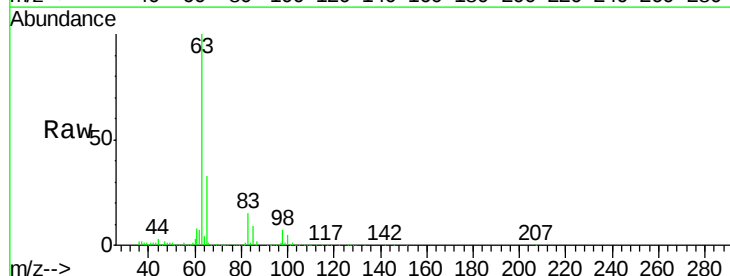
Tgt Ion: 63 Resp: 219264

Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.8

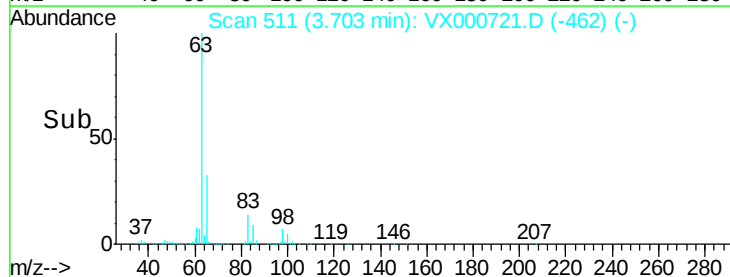
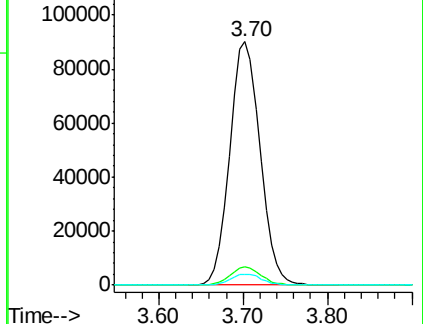
100 4.5 2.1 6.3

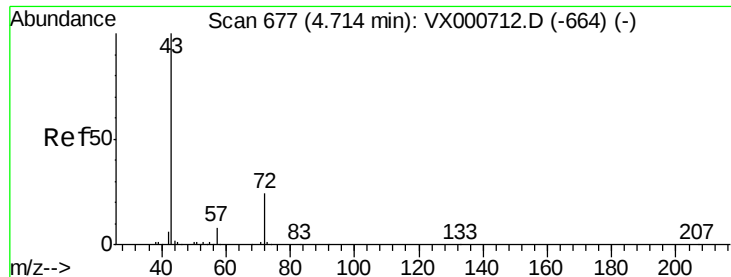


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.37 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

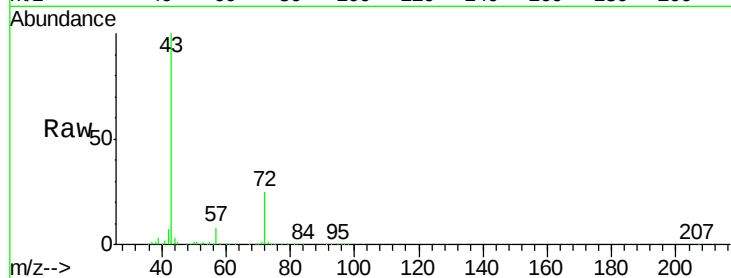
VSTDCCC050

Tgt Ion: 43 Resp: 462667

Ion Ratio Lower Upper

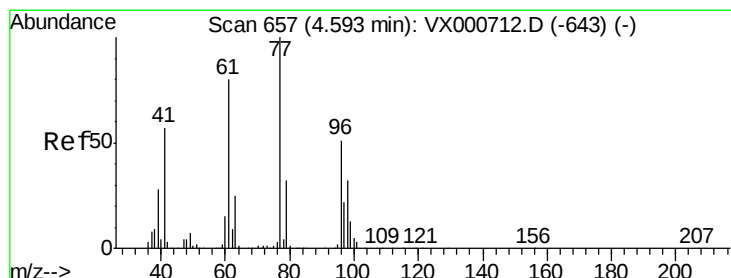
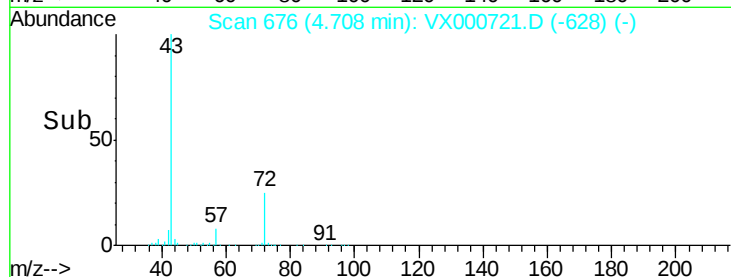
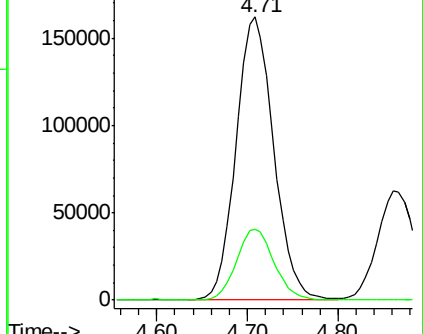
43 100

72 25.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.67 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000721.D

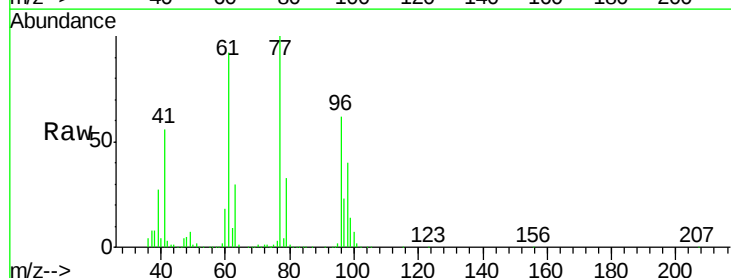
Acq: 08 Apr 2018 10:31

Tgt Ion: 77 Resp: 225802

Ion Ratio Lower Upper

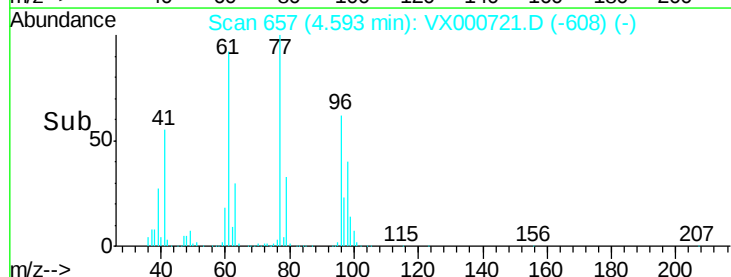
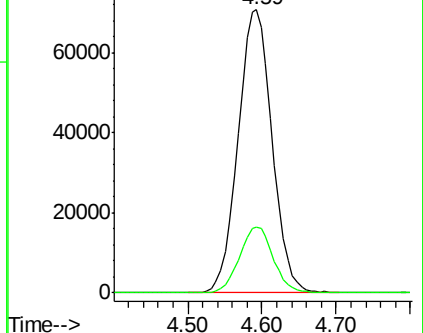
77 100

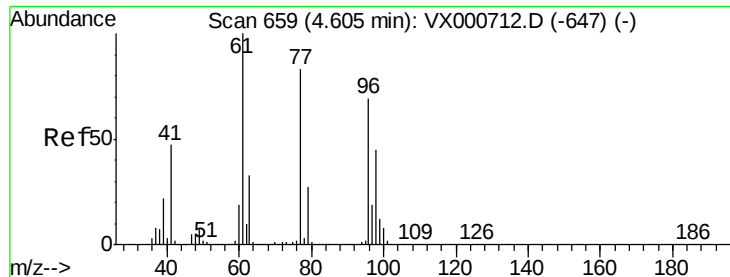
97 23.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.83 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

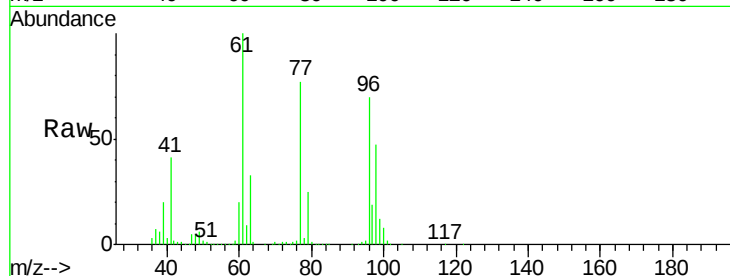
Tgt Ion: 96 Resp: 146755

Ion Ratio Lower Upper

96 100

61 147.0 0.0 301.0

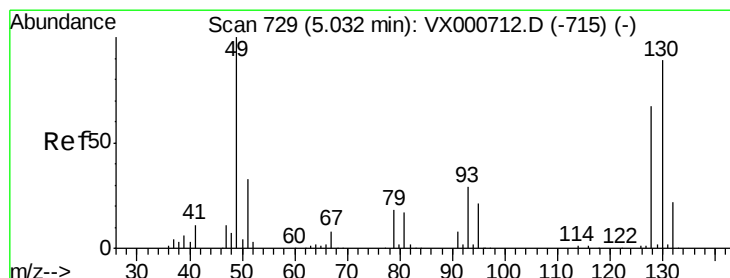
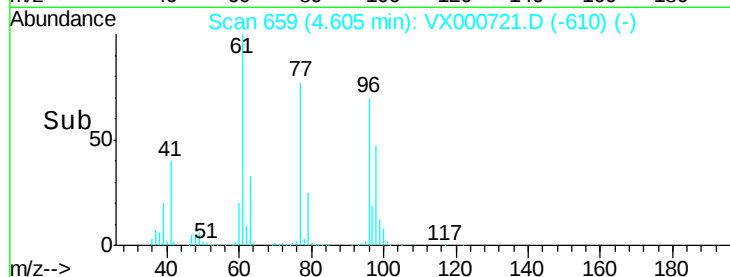
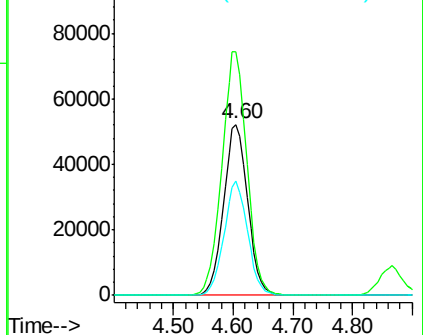
98 64.7 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.33 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

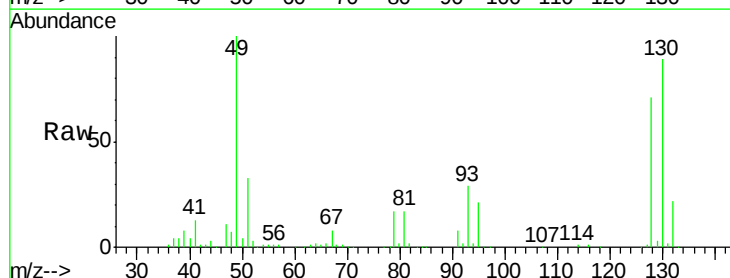
Tgt Ion: 49 Resp: 103335

Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.4

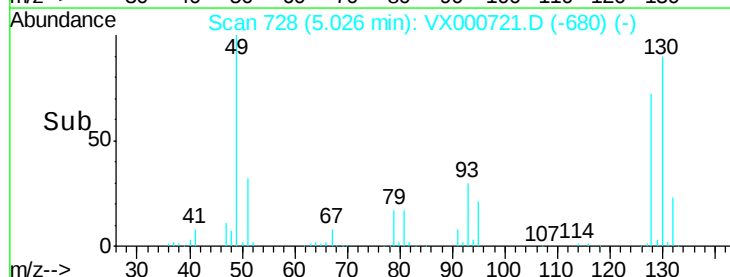
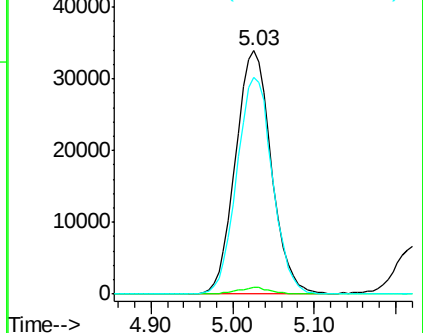
130 88.4 69.0 103.4

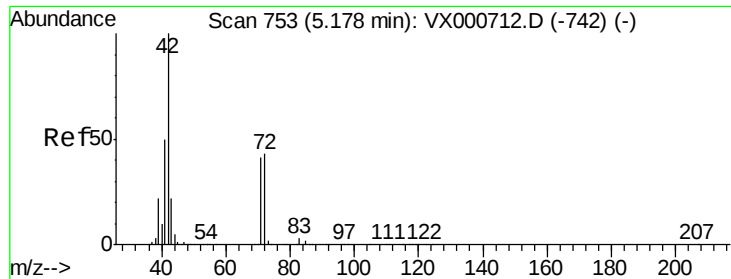


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

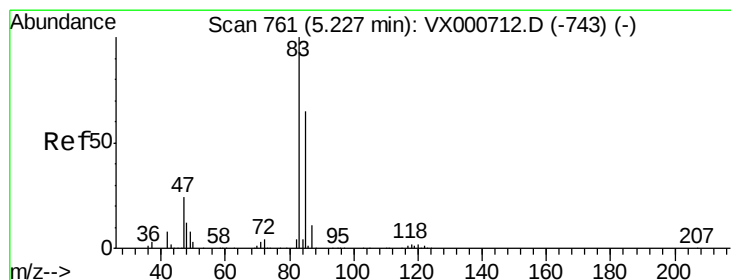
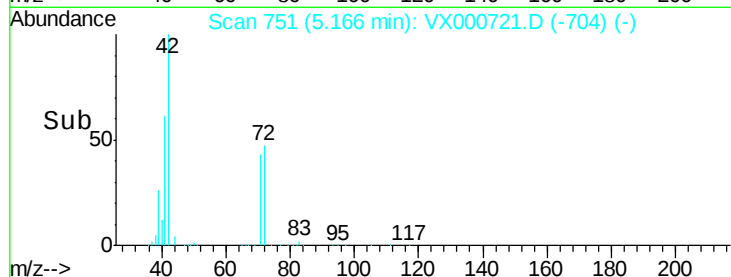
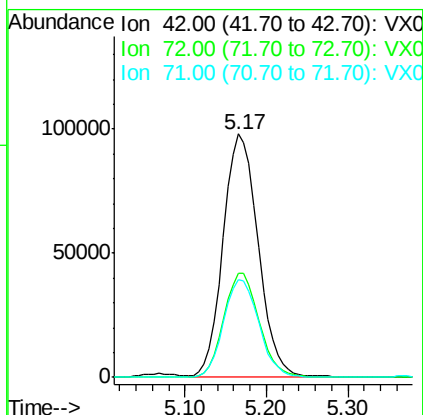
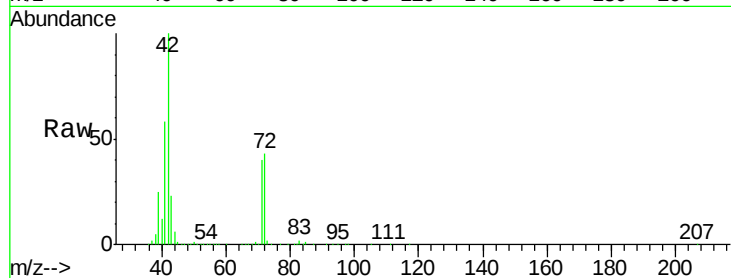




#29
Tetrahydrofuran
Concen: 221.80 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

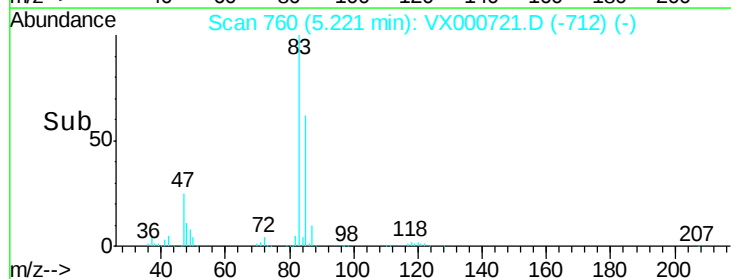
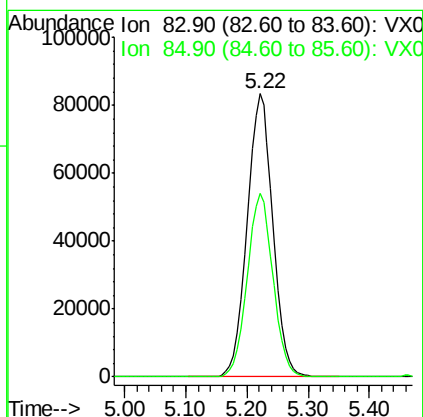
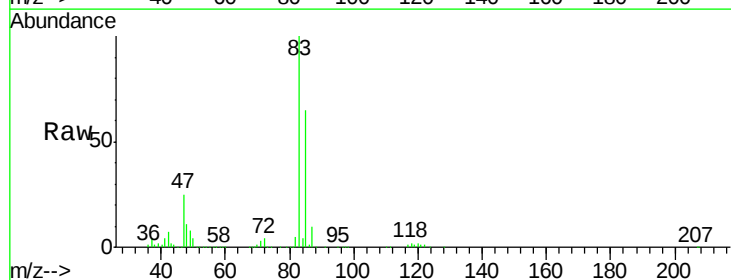
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

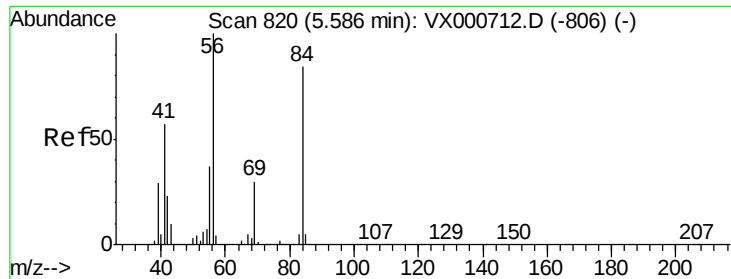
Tgt Ion: 42 Resp: 289766
Ion Ratio Lower Upper
42 100
72 43.8 34.4 51.6
71 40.6 32.0 48.0



#30
Chloroform
Concen: 47.36 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 83 Resp: 244751
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5

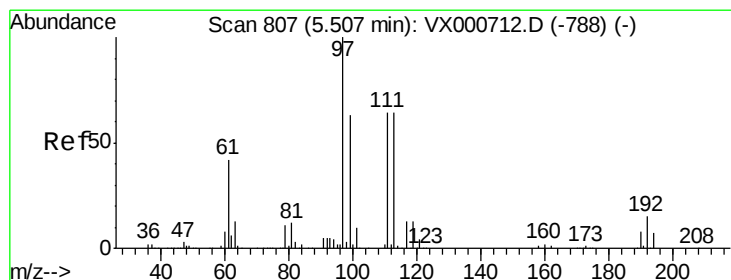
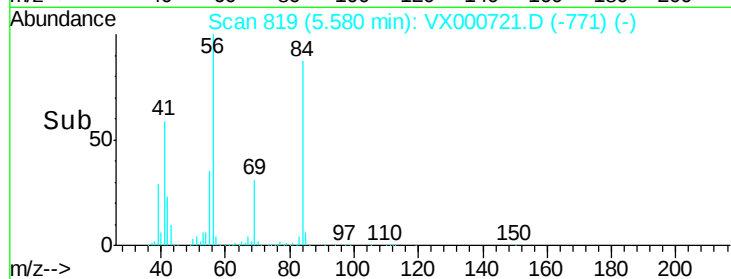
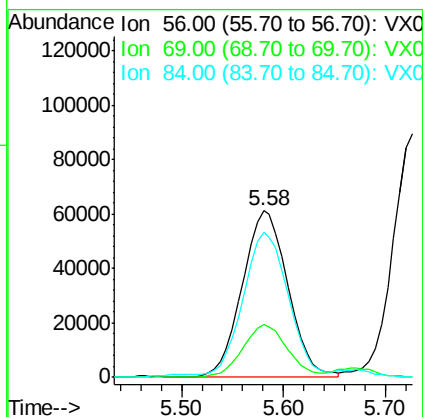
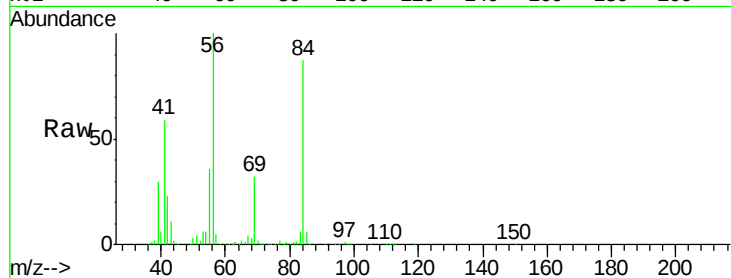




#31
Cyclohexane
Concen: 49.98 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

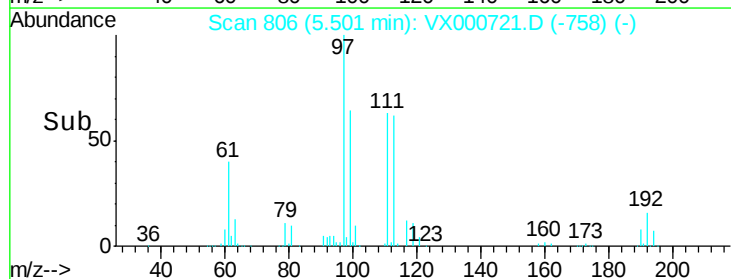
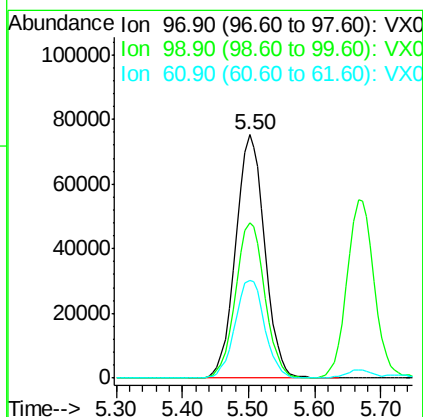
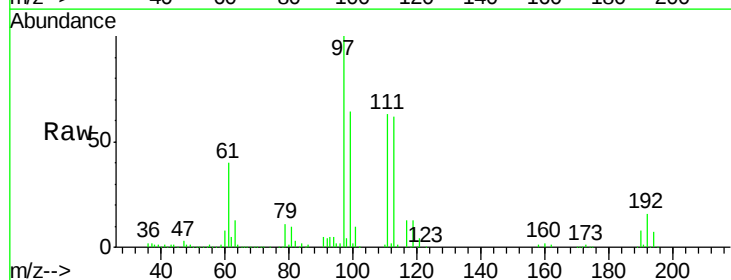
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

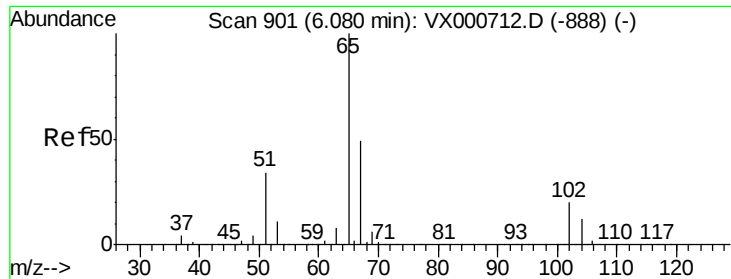
Tgt Ion: 56 Resp: 188314
Ion Ratio Lower Upper
56 100
69 31.5 23.8 35.6
84 85.2 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 46.48 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 97 Resp: 228927
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 41.2 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 45.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

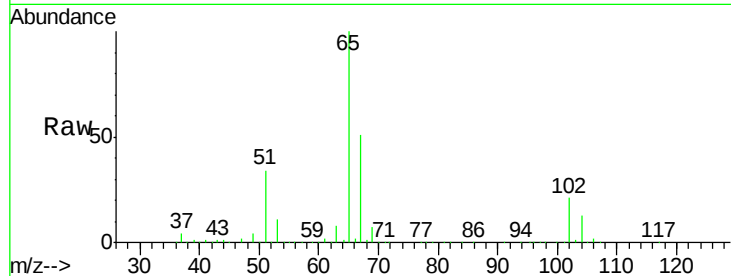
VSTDCCC050

Tgt Ion: 65 Resp: 170917

Ion Ratio Lower Upper

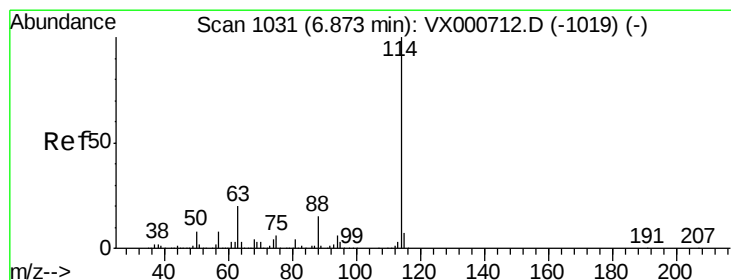
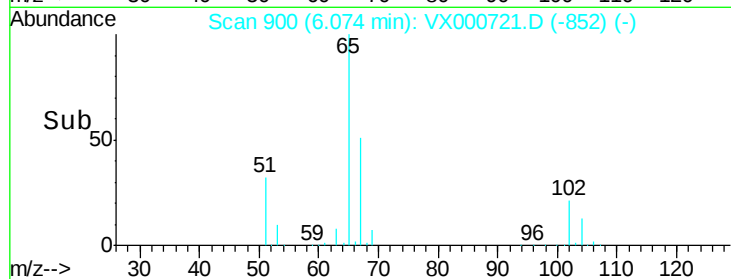
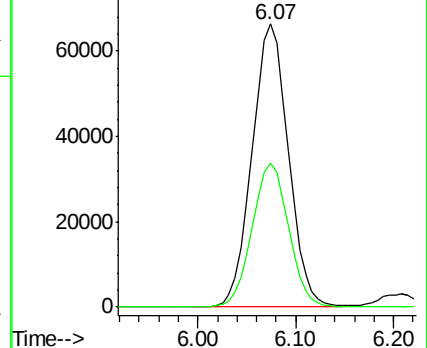
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

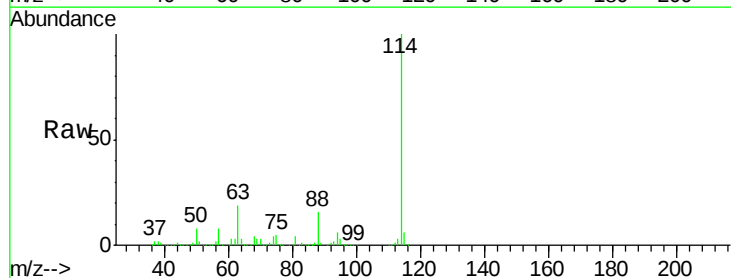
Tgt Ion: 114 Resp: 444409

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

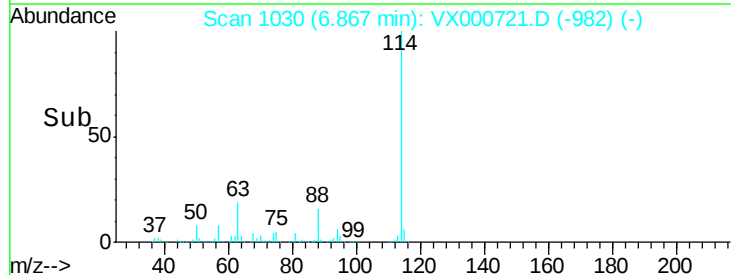
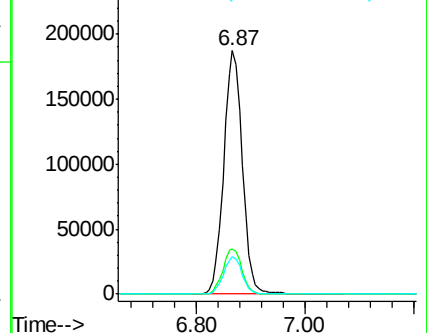
88 15.6 0.0 30.6

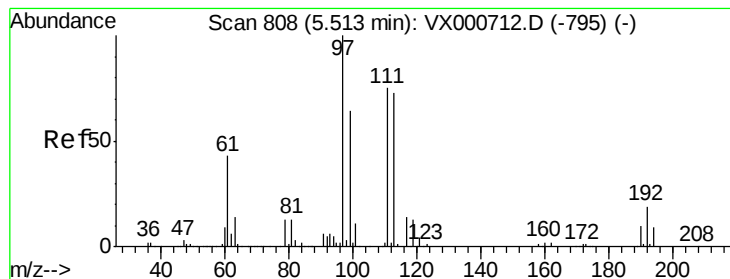


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.03 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

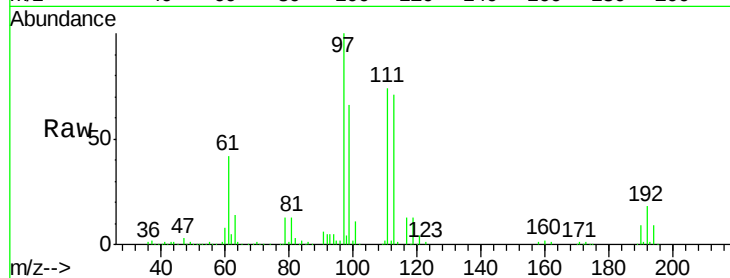
Tgt Ion:113 Resp: 143701

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

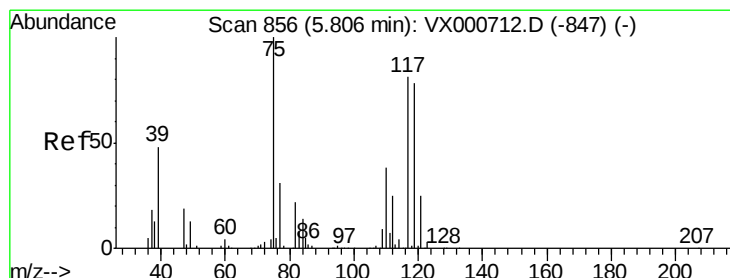
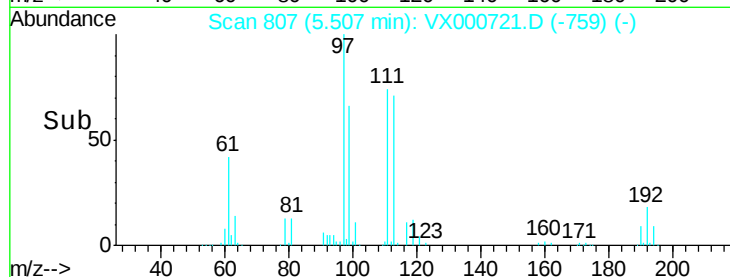
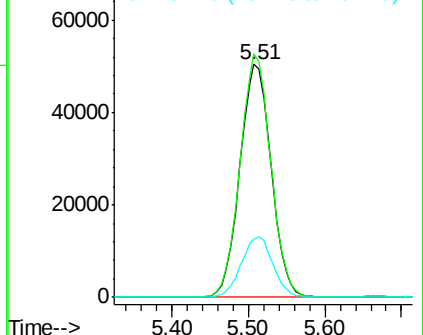
192 26.0 20.0 30.0



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: 46.27 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

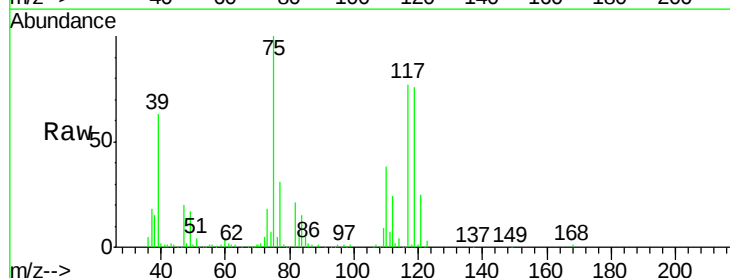
Tgt Ion: 75 Resp: 176112

Ion Ratio Lower Upper

75 100

110 37.7 18.6 56.0

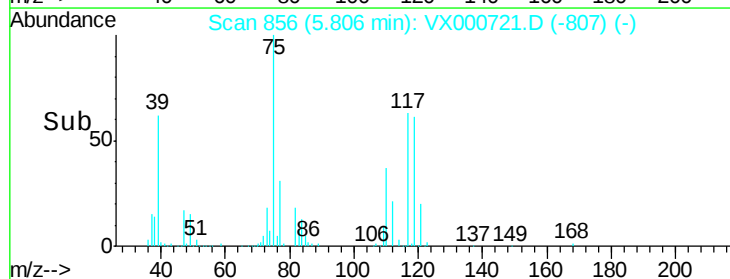
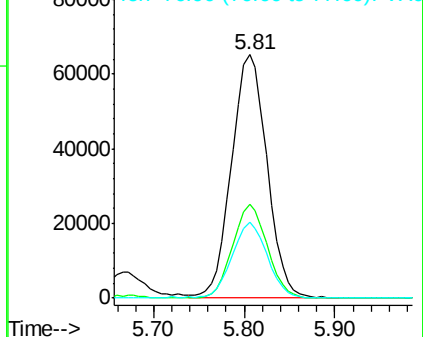
77 30.6 24.6 37.0

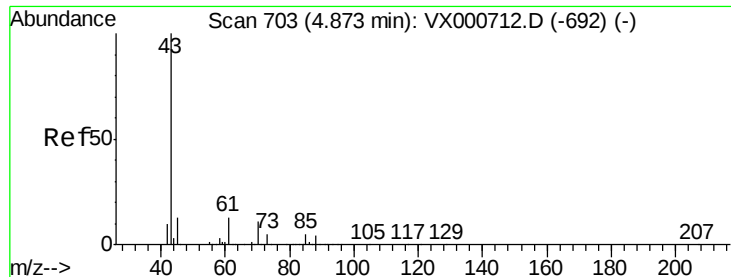


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

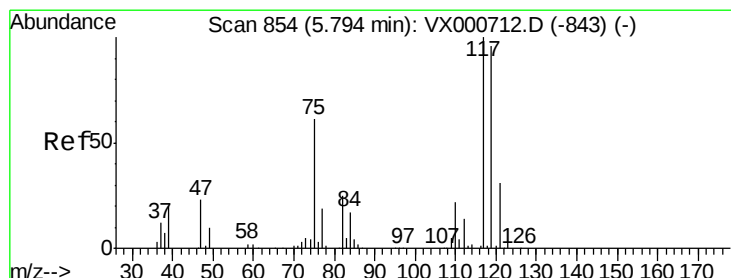
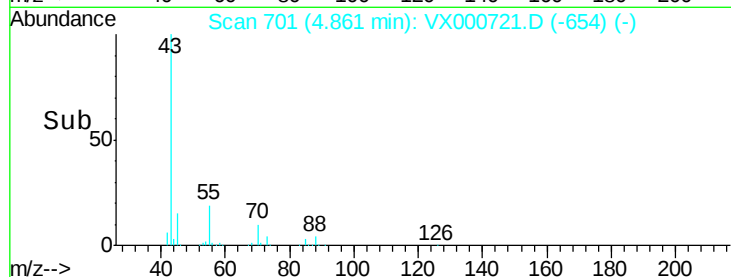
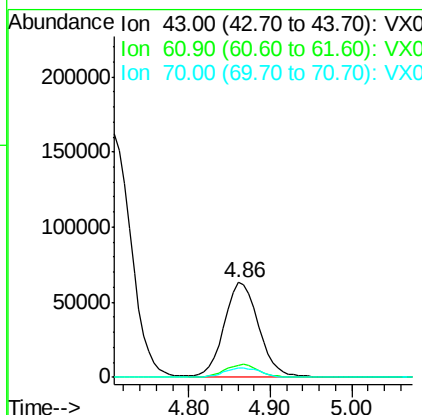
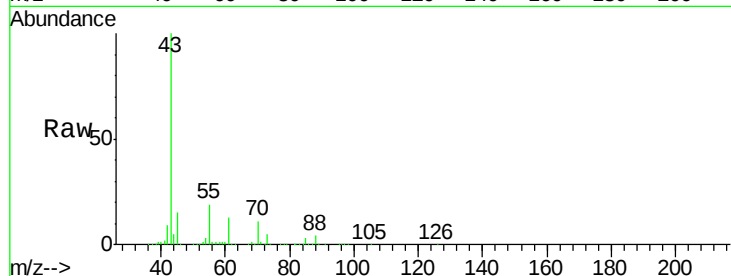




#37
Ethyl Acetate
Concen: 44.37 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

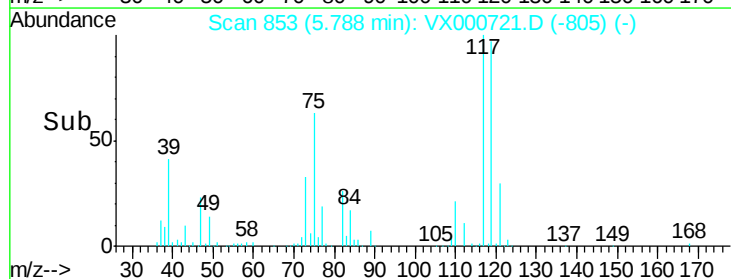
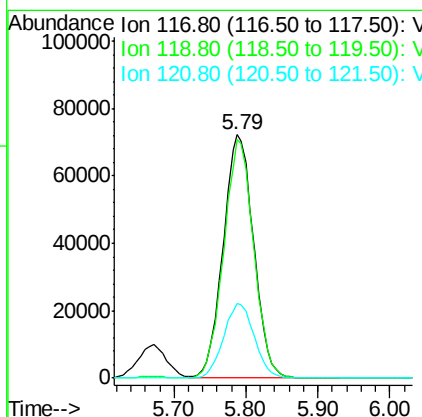
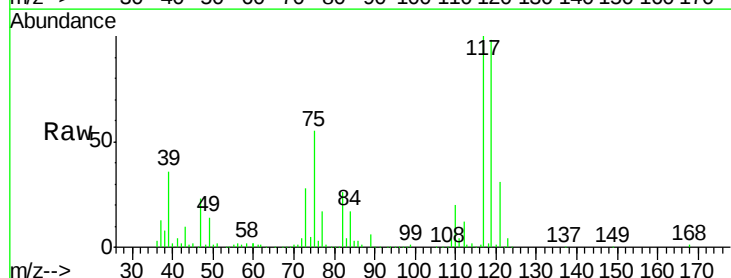
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

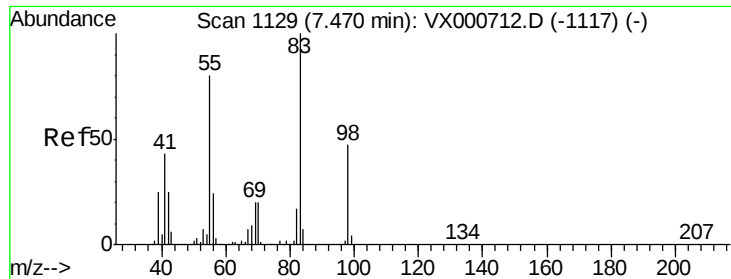
Tgt Ion: 43 Resp: 182277
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 47.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 117 Resp: 212488
Ion Ratio Lower Upper
117 100
119 97.8 76.7 115.1
121 30.6 24.7 37.1

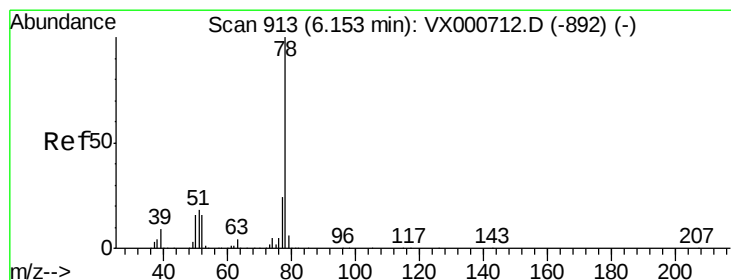
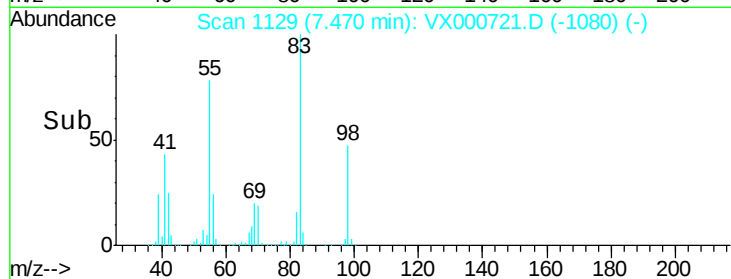
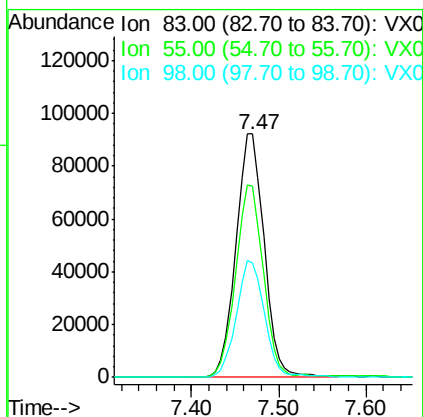
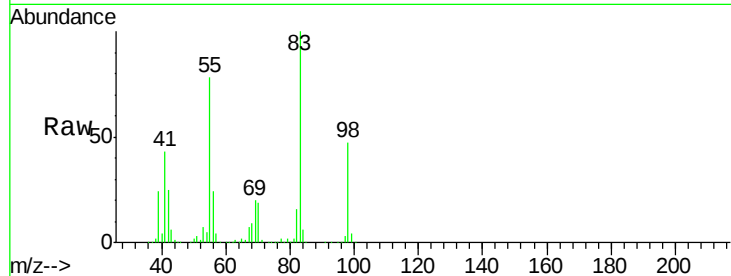




#39
Methylcyclohexane
Concen: 51.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

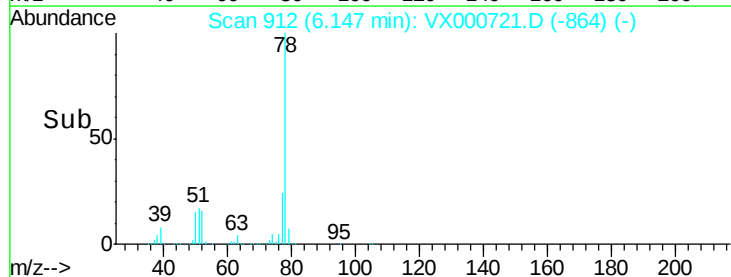
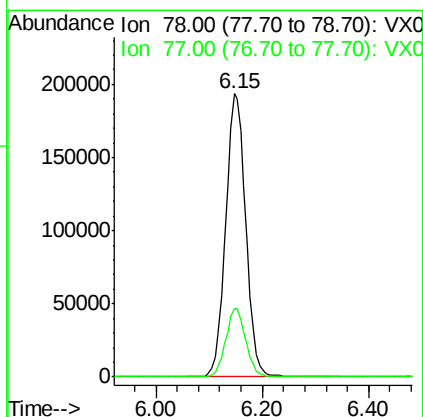
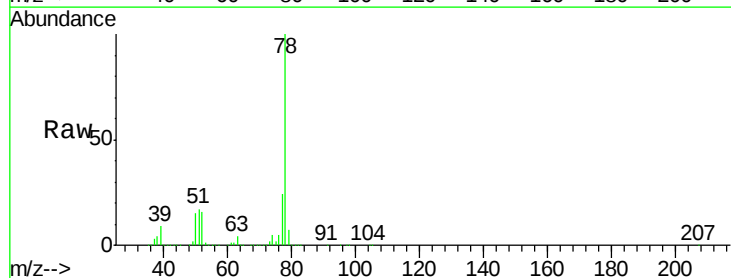
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

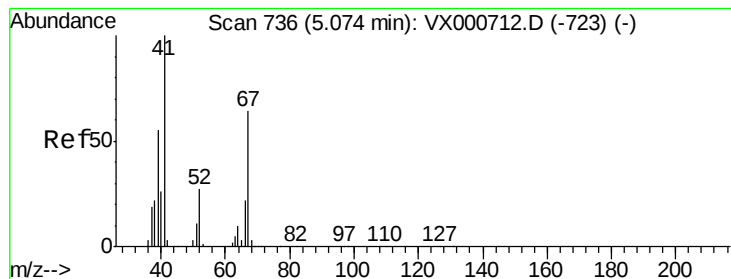
Tgt Ion: 83 Resp: 207389
Ion Ratio Lower Upper
83 100
55 78.2 63.7 95.5
98 46.9 37.2 55.8



#40
Benzene
Concen: 47.70 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 78 Resp: 510655
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





#41

Methacrylonitrile

Concen: 45.94 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 109344

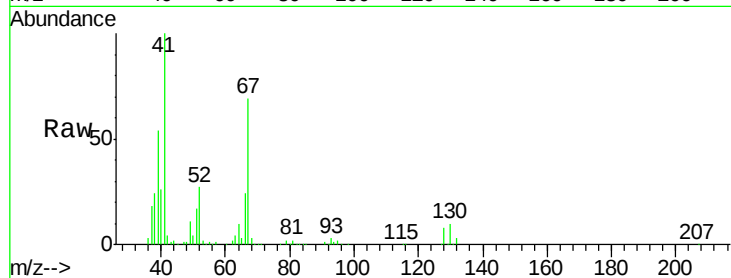
Ion Ratio Lower Upper

41 100

39 56.3 45.3 67.9

67 67.7 52.7 79.1

52 28.0 22.3 33.5

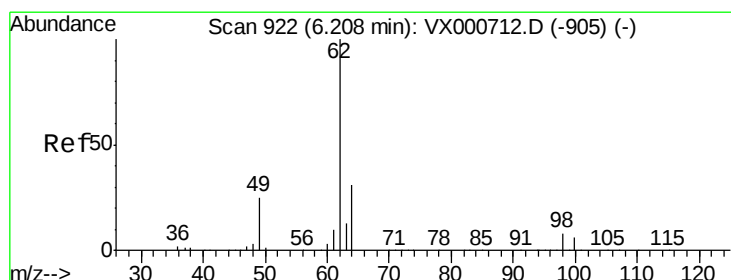
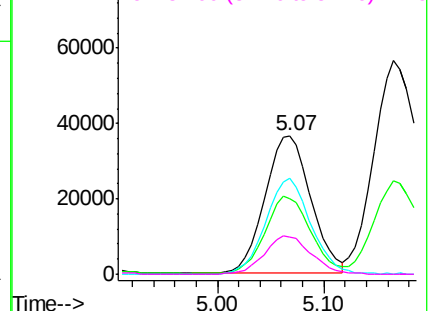
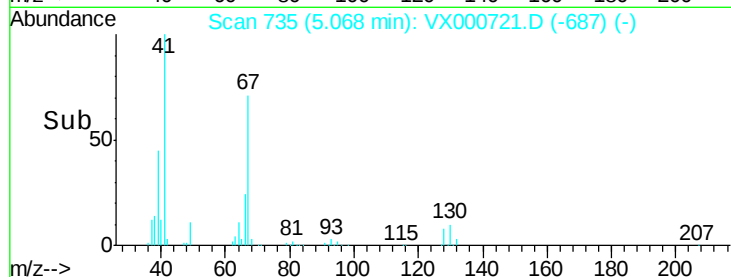


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.28 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000721.D

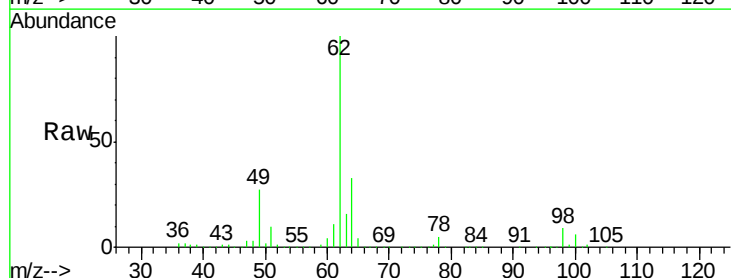
Acq: 08 Apr 2018 10:31

Tgt Ion: 62 Resp: 199661

Ion Ratio Lower Upper

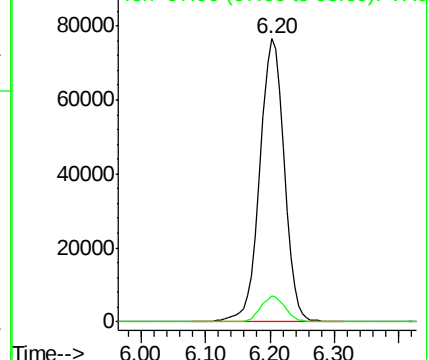
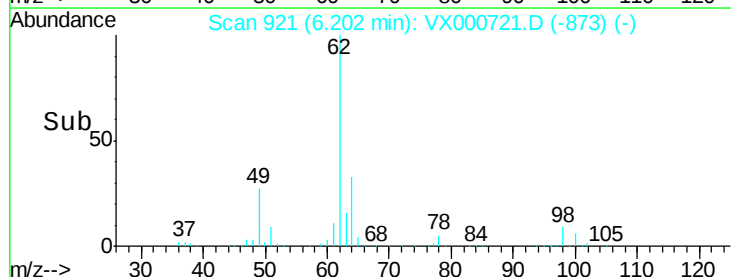
62 100

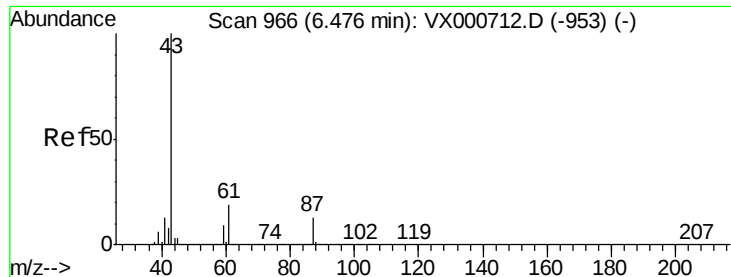
98 9.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.62 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

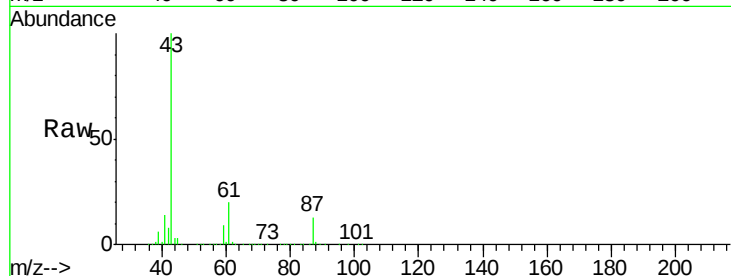
Tgt Ion: 43 Resp: 326416

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

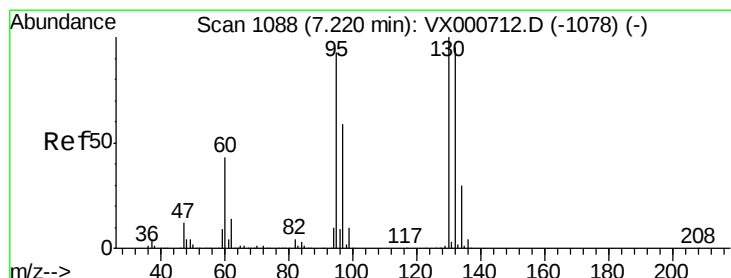
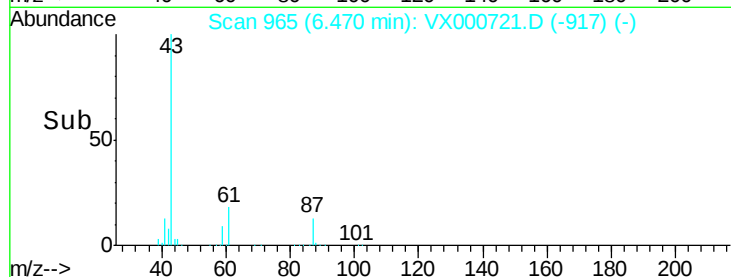
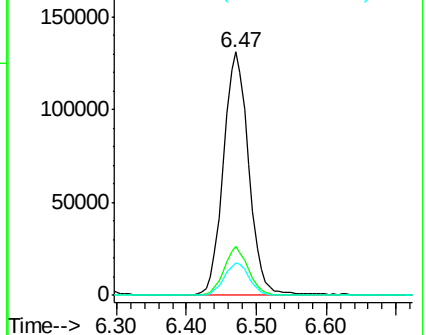
87 13.3 10.4 15.6



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: 48.70 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000721.D

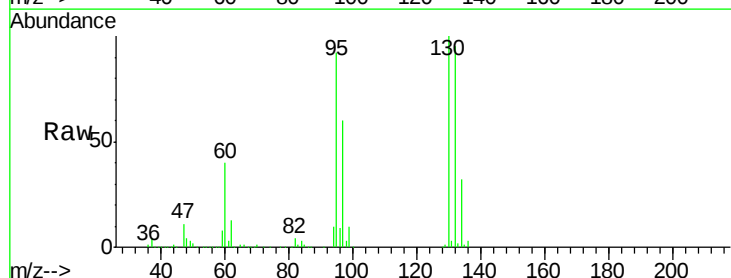
Acq: 08 Apr 2018 10:31

Tgt Ion: 130 Resp: 158438

Ion Ratio Lower Upper

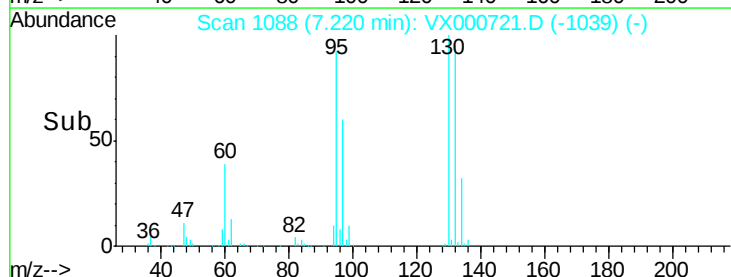
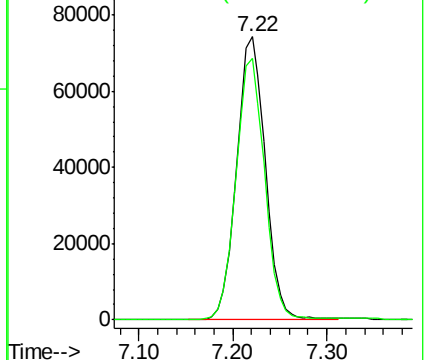
130 100

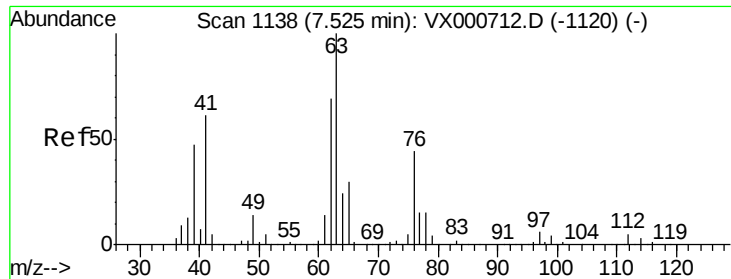
95 92.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

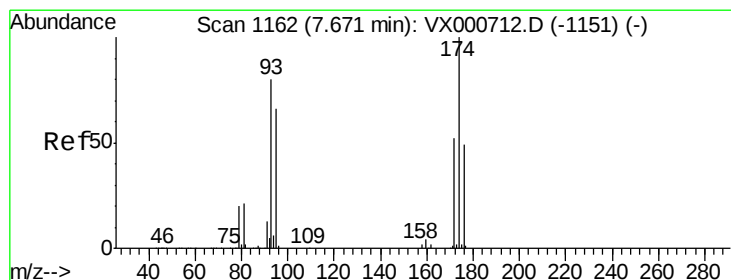
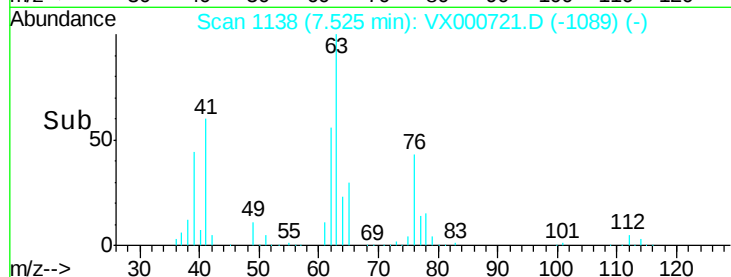
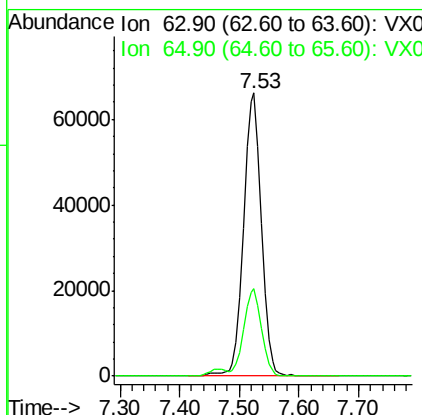
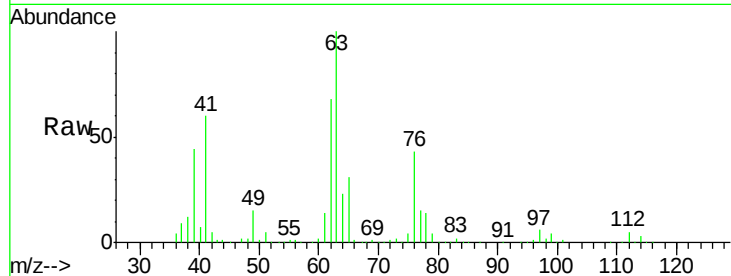




#45
 1,2-Dichloropropane
 Concen: 48.21 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

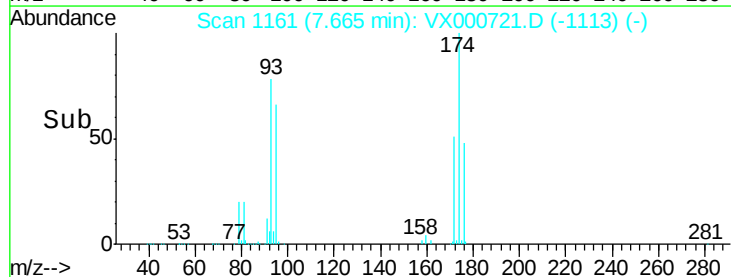
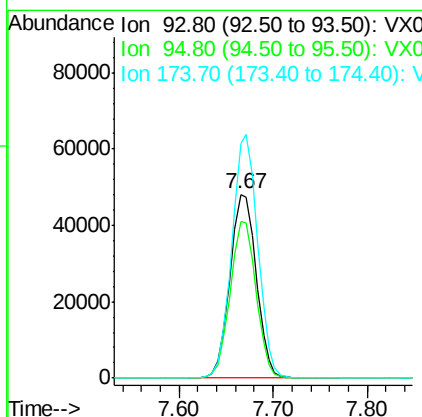
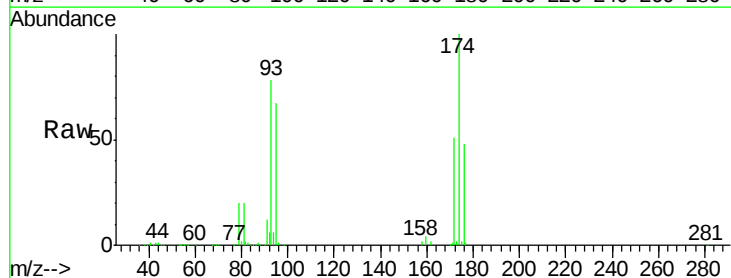
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

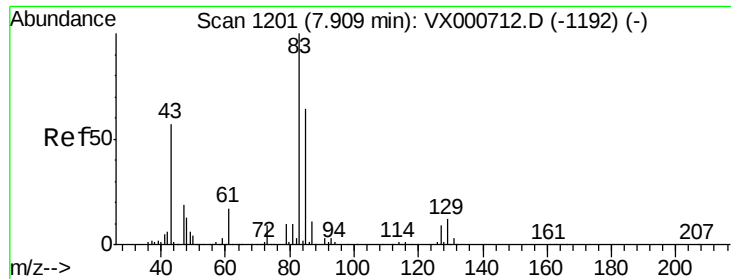
Tgt Ion: 63 Resp: 138400
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.2



#46
 Dibromomethane
 Concen: 47.32 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion: 93 Resp: 94289
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.0 99.0
 174 129.2 100.2 150.2





#47

Bromodichloromethane

Concen: 48.75 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

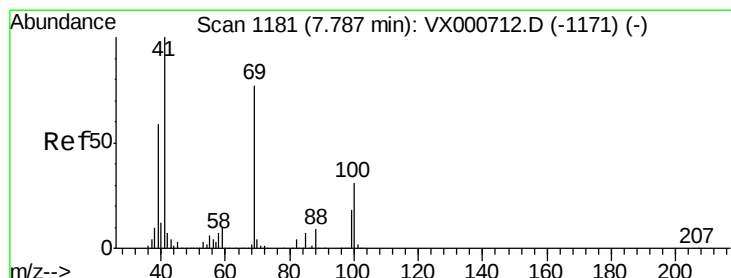
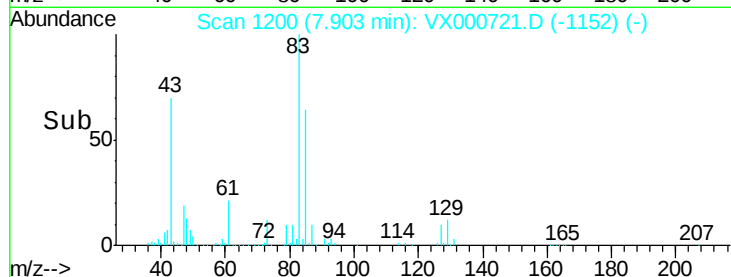
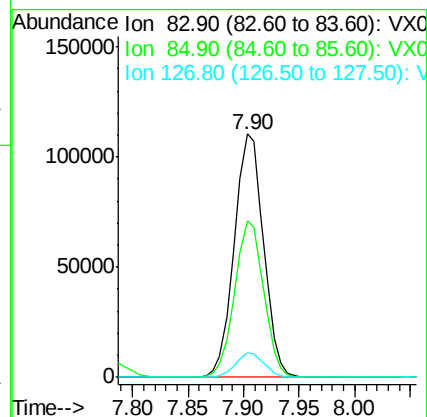
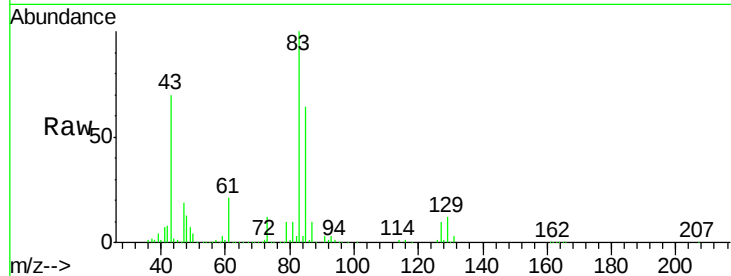
Tgt Ion: 83 Resp: 200983

Ion Ratio Lower Upper

83 100

85 64.2 51.0 76.4

127 10.1 7.4 11.2



#48

Methyl methacrylate

Concen: 46.86 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

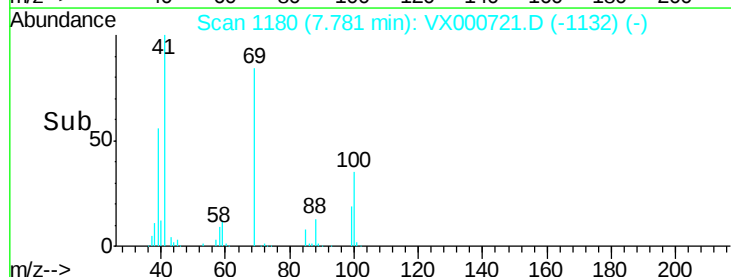
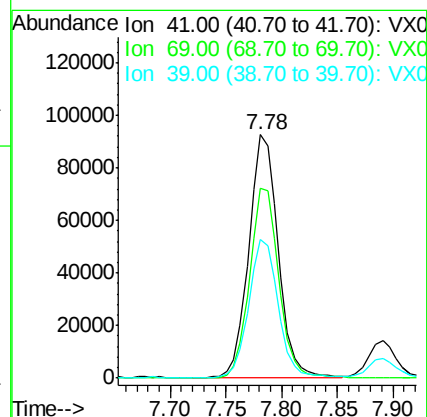
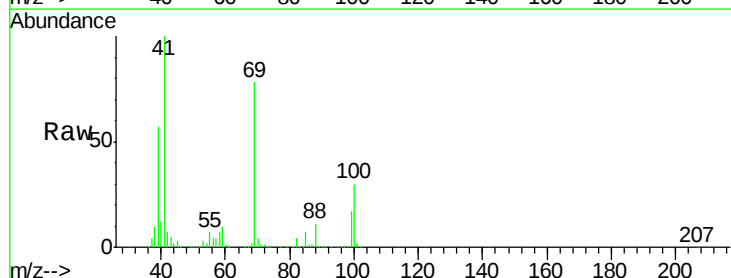
Tgt Ion: 41 Resp: 168675

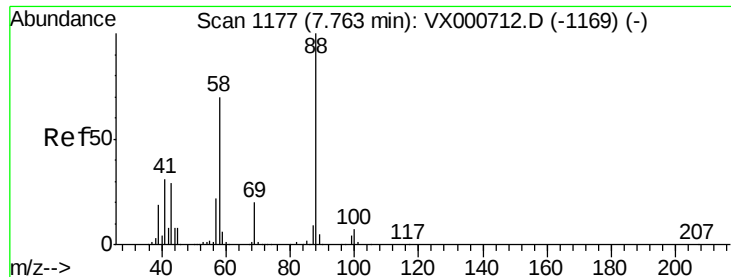
Ion Ratio Lower Upper

41 100

69 78.2 62.0 93.0

39 57.1 47.0 70.4

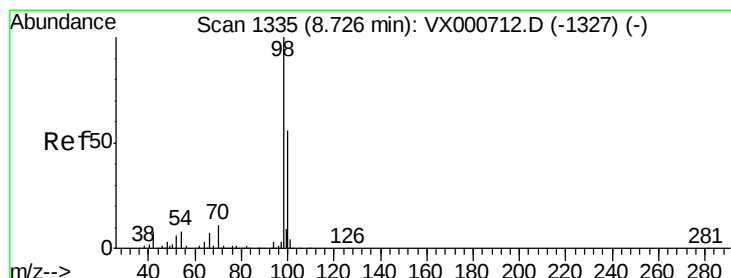
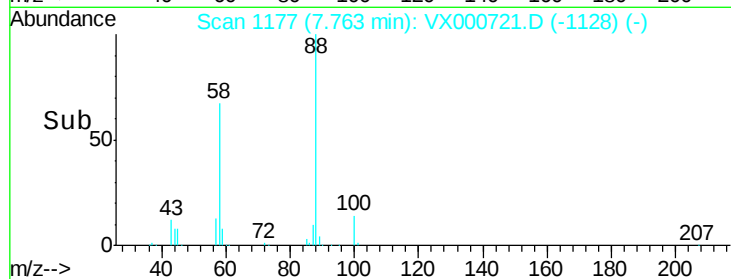
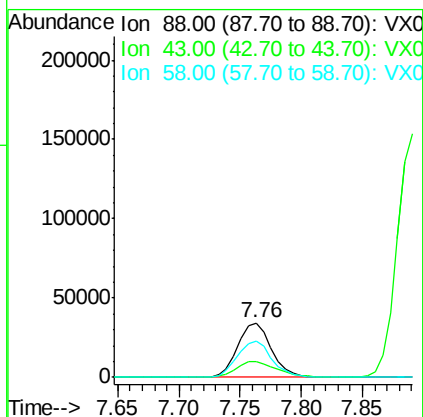
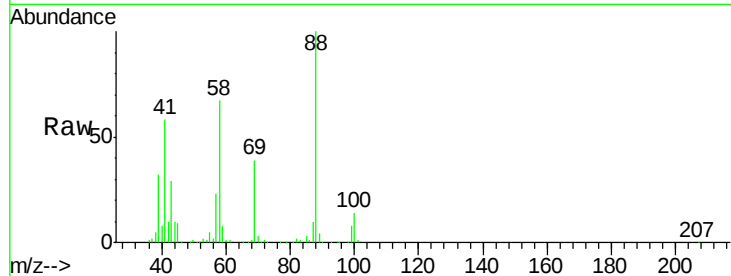




#49
 1,4-Dioxane
 Concen: 919.29 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

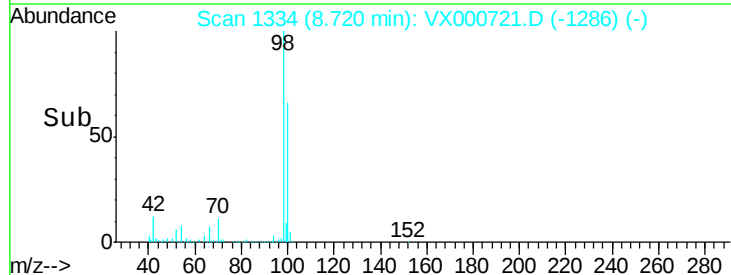
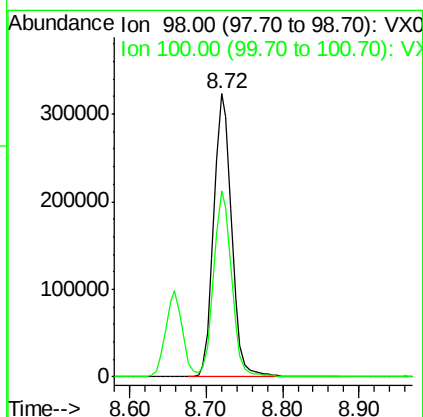
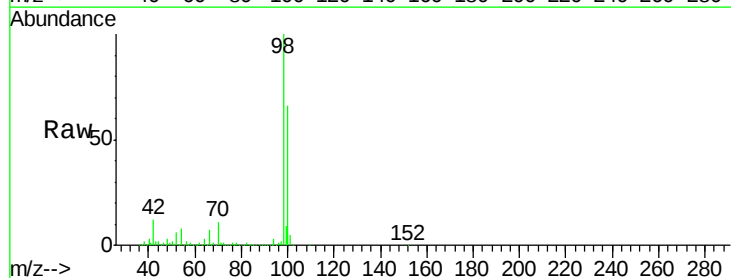
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

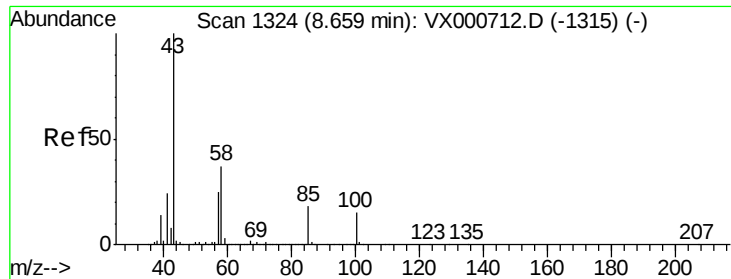
Tgt Ion: 88 Resp: 65676
 Ion Ratio Lower Upper
 88 100
 43 33.8 27.9 41.9
 58 68.8 57.0 85.4



#50
 Toluene-d8
 Concen: 48.04 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion: 98 Resp: 522994
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.6 78.8

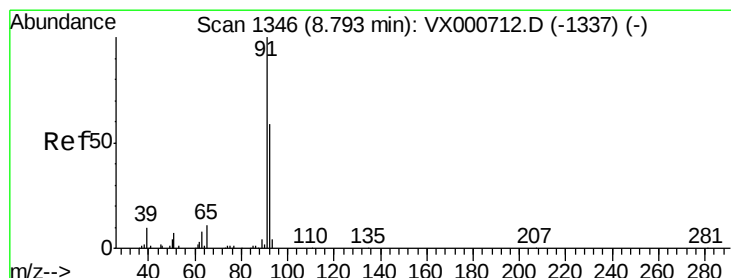
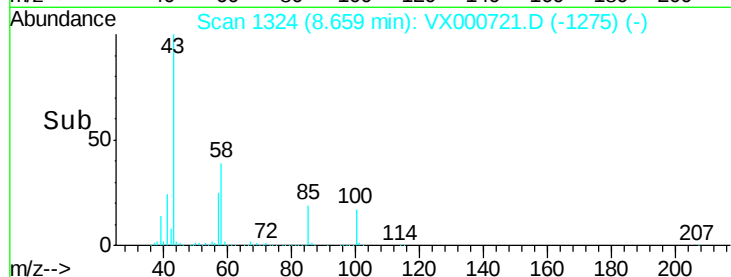
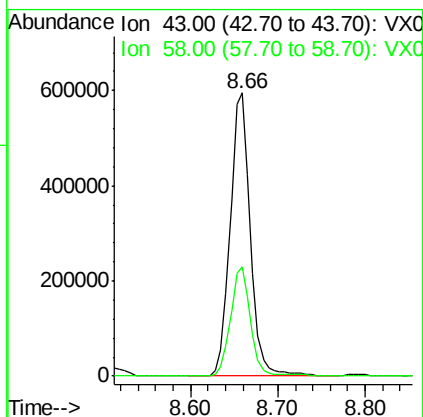
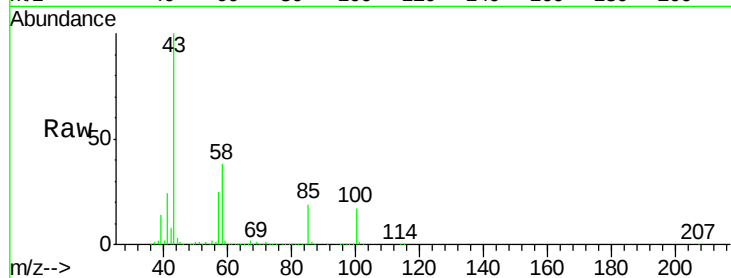




#51
 4-Methyl-2-Pentanone
 Concen: 230.68 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

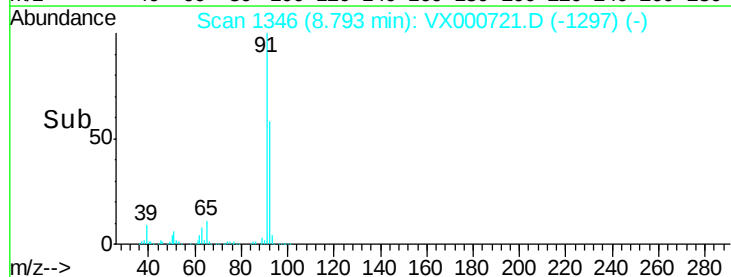
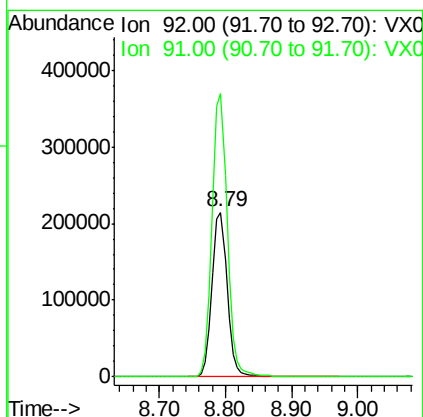
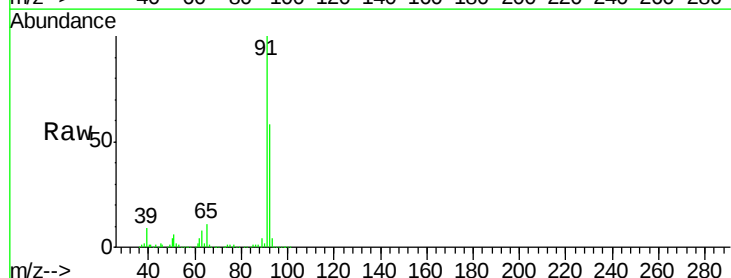
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

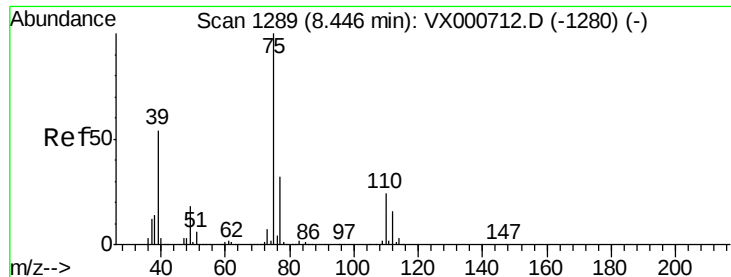
Tgt Ion: 43 Resp: 956215
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.6 46.0



#52
 Toluene
 Concen: 48.09 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion: 92 Resp: 343251
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 48.89 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

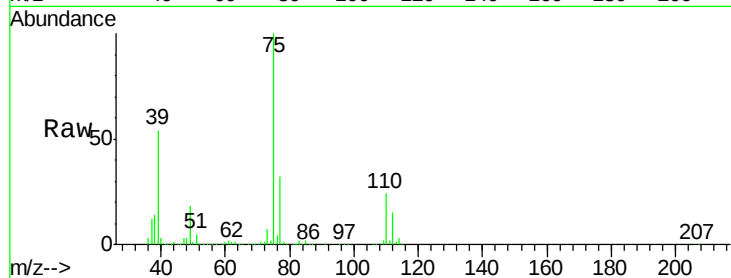
VSTDCCC050

Tgt Ion: 75 Resp: 239814

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

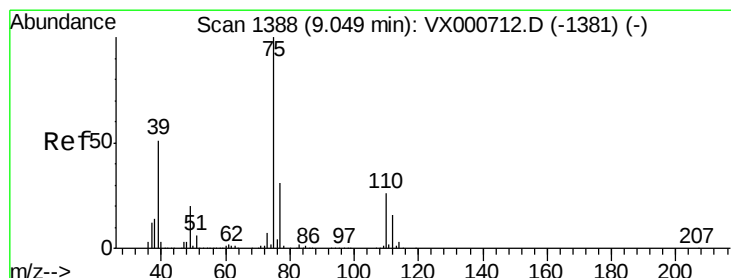
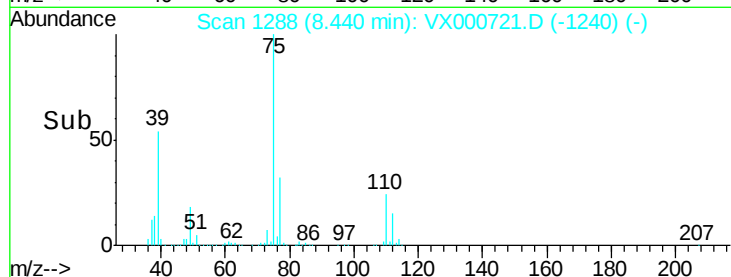
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.21 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

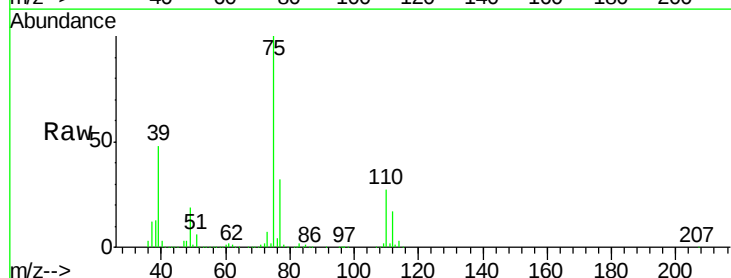
Tgt Ion: 75 Resp: 239721

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 48.0 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

9.05

200000

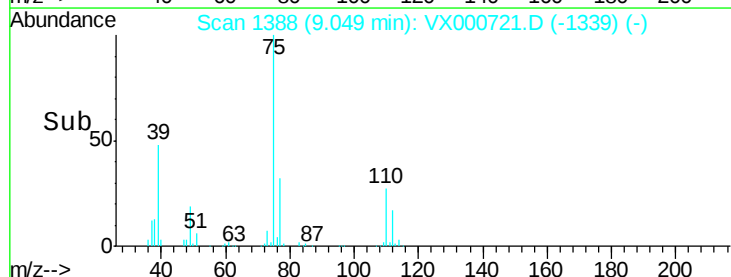
150000

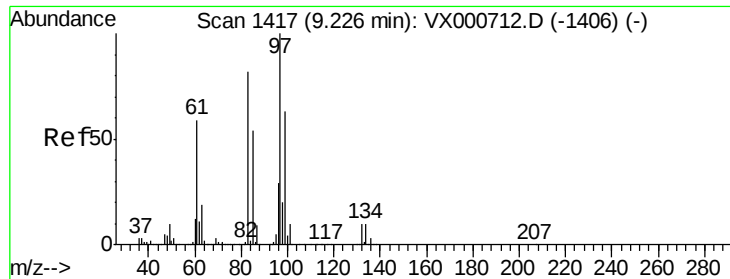
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.76 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 141558

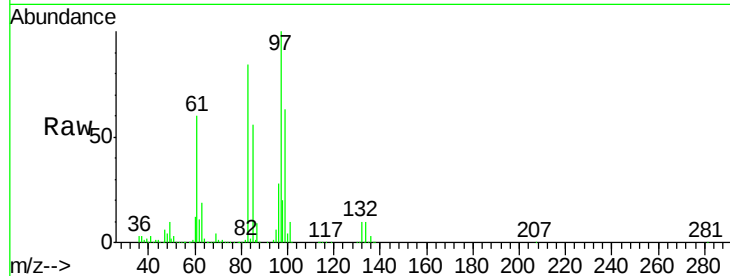
Ion Ratio Lower Upper

97 100

83 83.5 65.7 98.5

85 55.7 42.8 64.2

99 63.0 50.6 76.0

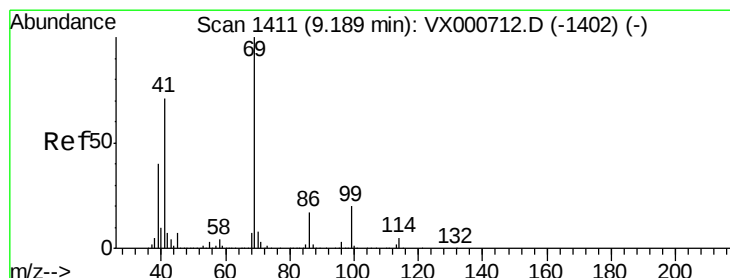
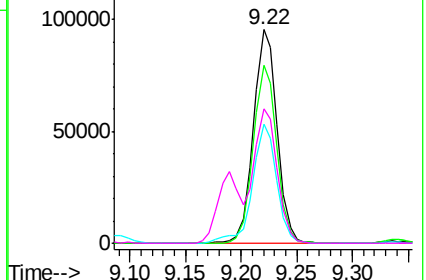
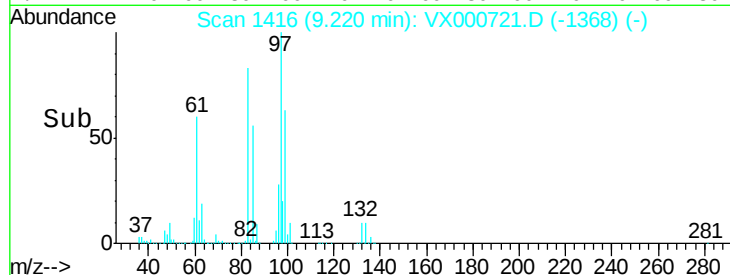


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.48 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

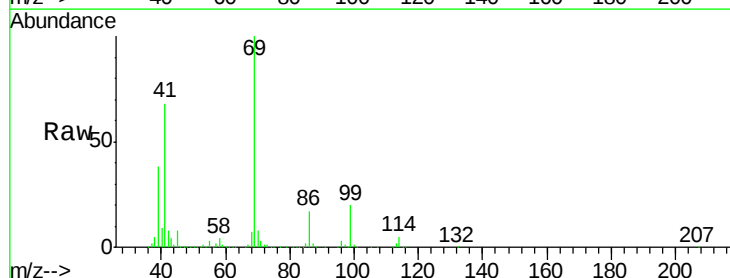
Tgt Ion: 69 Resp: 224454

Ion Ratio Lower Upper

69 100

41 69.7 56.4 84.6

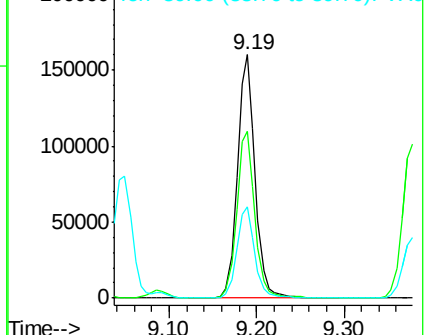
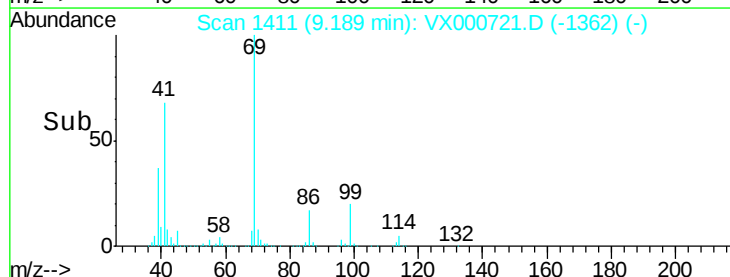
39 38.1 31.4 47.2

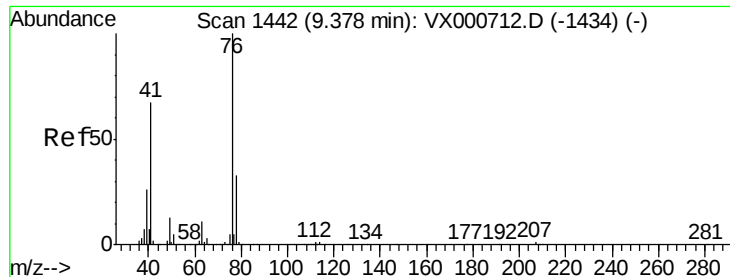


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.06 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

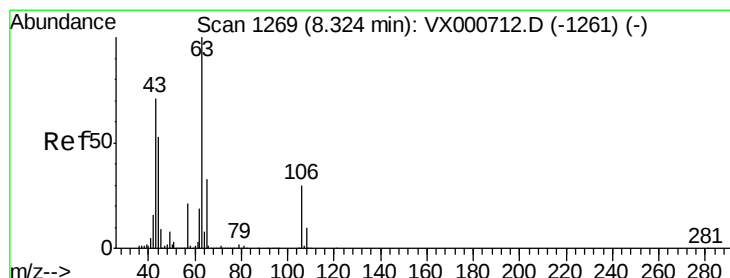
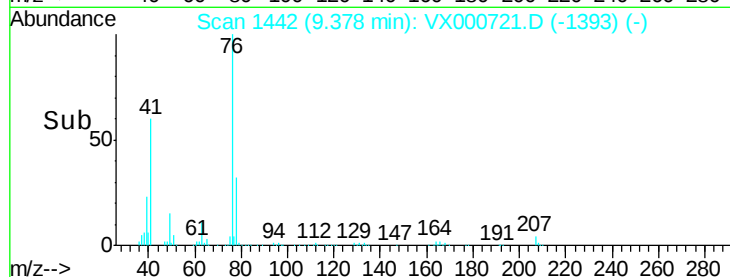
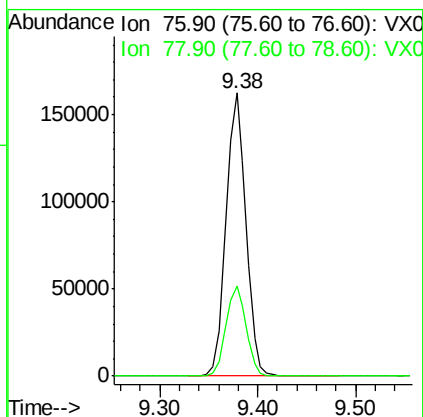
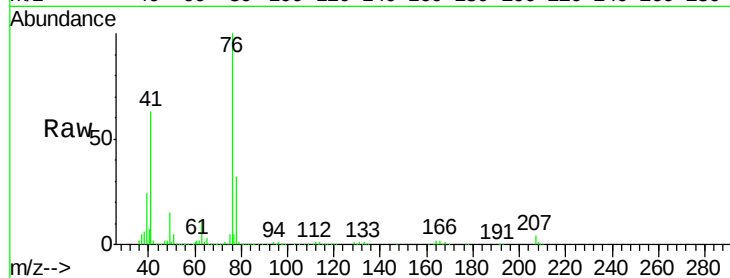
VSTDCCC050

Tgt Ion: 76 Resp: 228264

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 250.93 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000721.D

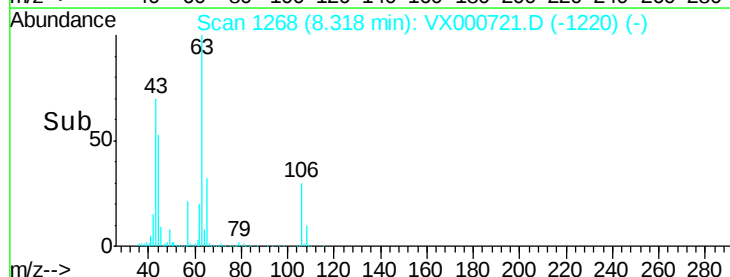
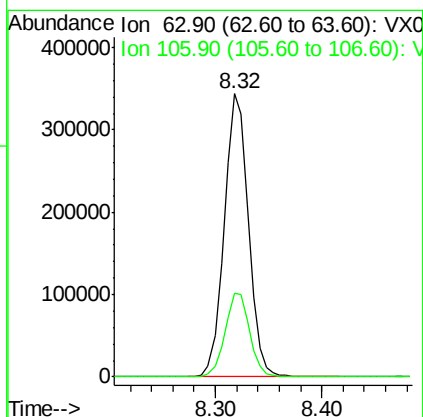
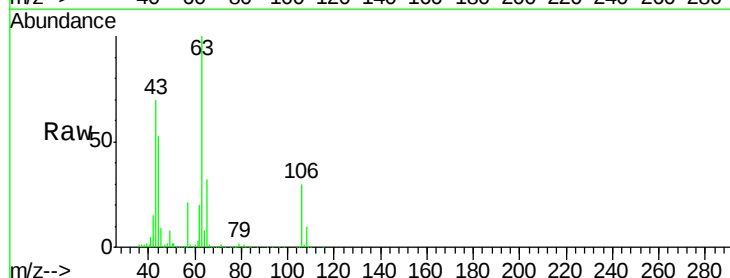
Acq: 08 Apr 2018 10:31

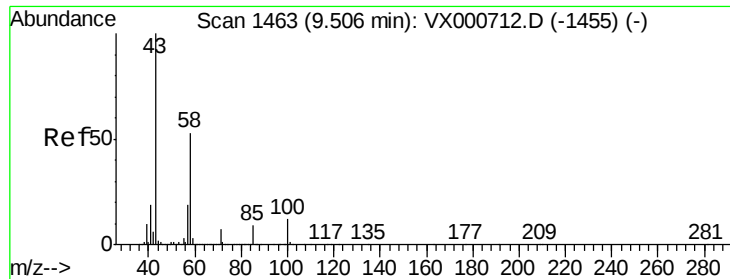
Tgt Ion: 63 Resp: 544093

Ion Ratio Lower Upper

63 100

106 30.1 24.0 36.0

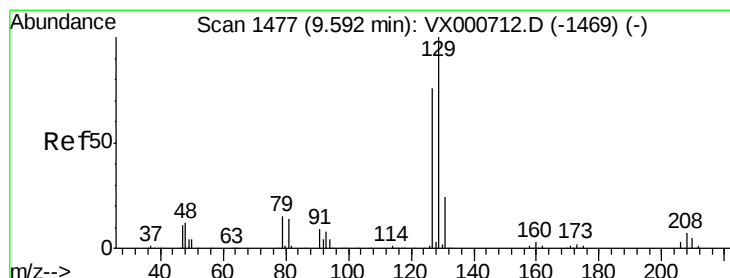
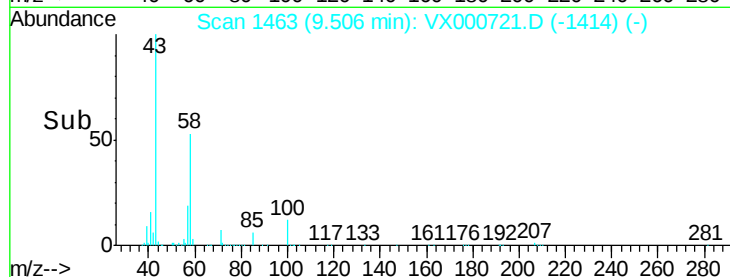
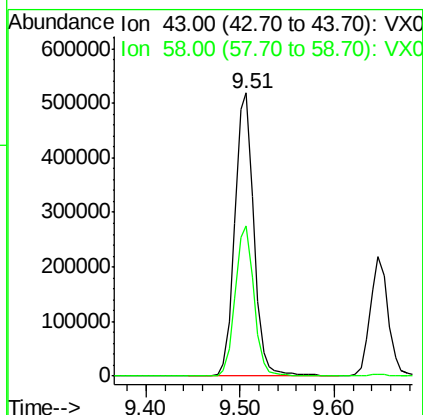
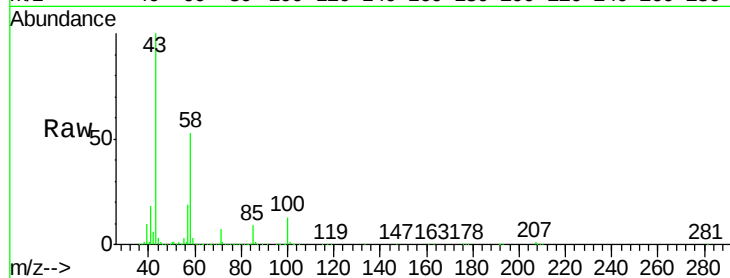




#59
2-Hexanone
Concen: 228.77 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

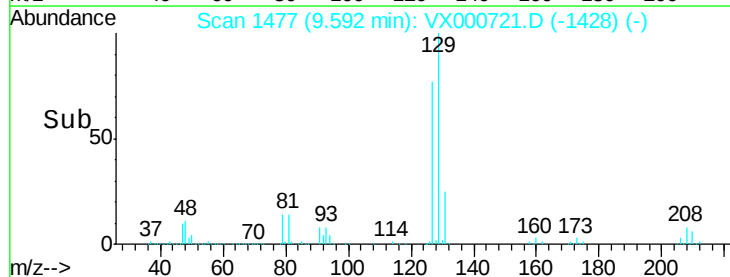
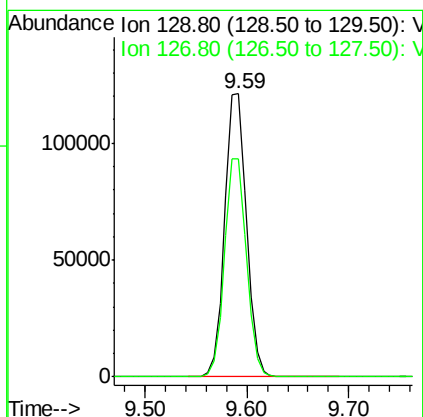
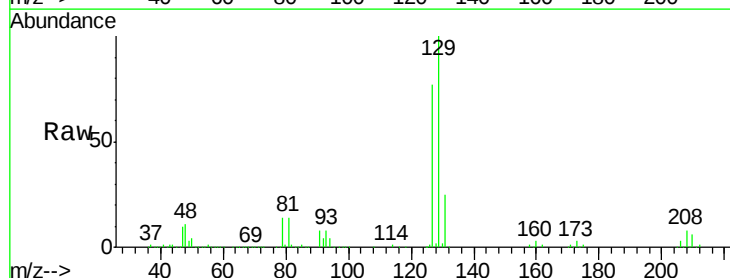
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

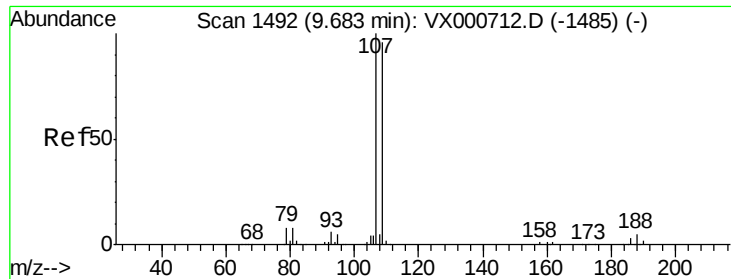
Tgt Ion: 43 Resp: 723759
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8



#60
Dibromochloromethane
Concen: 49.46 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 129 Resp: 179125
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6

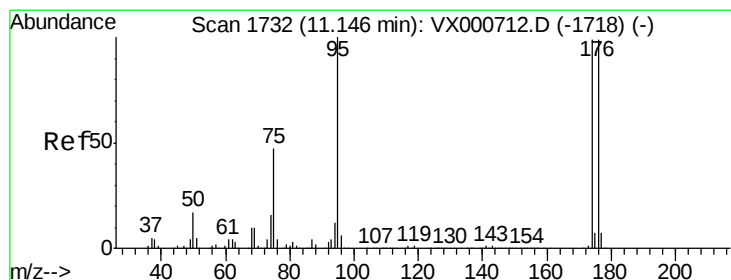
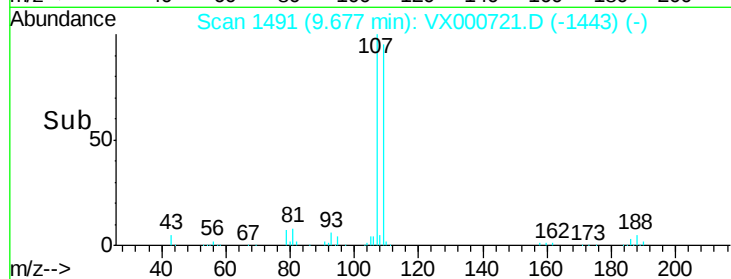
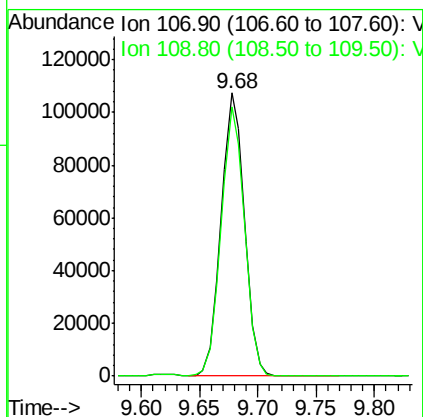
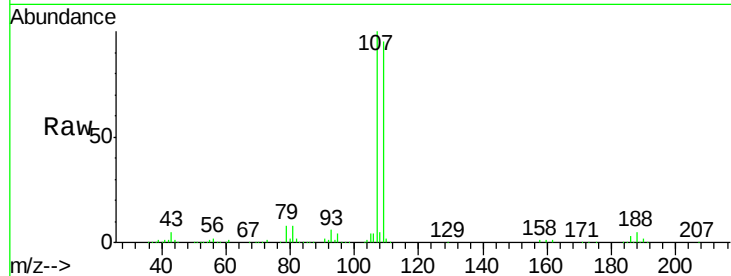




#61
 1,2-Dibromoethane
 Concen: 47.57 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

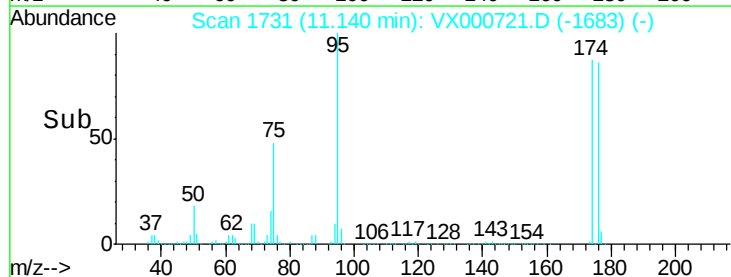
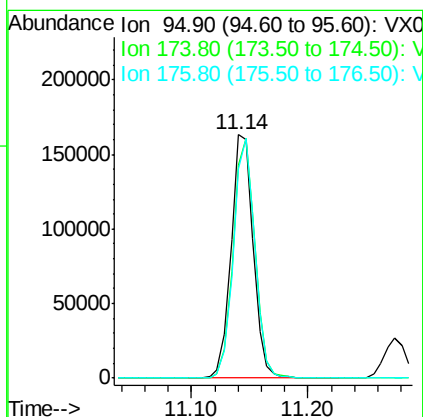
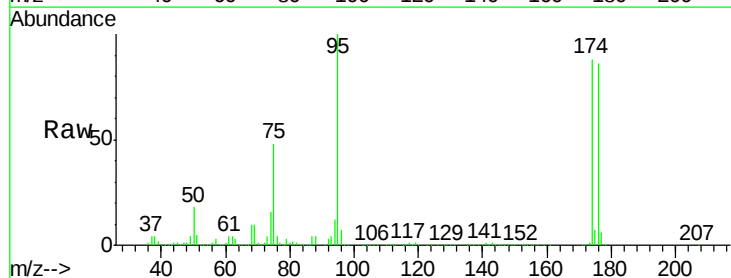
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

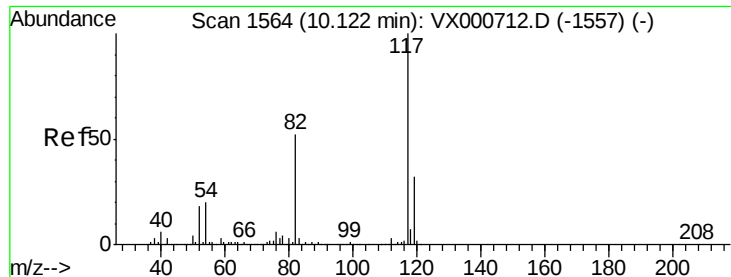
Tgt Ion: 107 Resp: 148314
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 47.86 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion: 95 Resp: 216390
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 191.6
 176 95.3 0.0 187.0

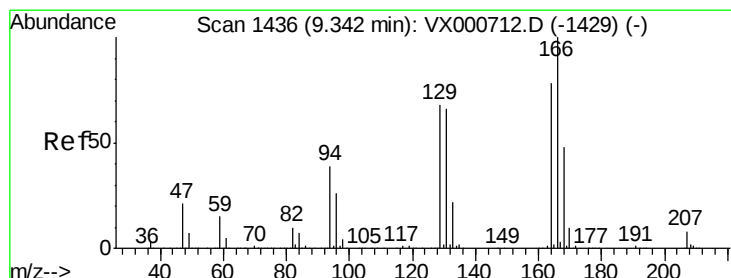
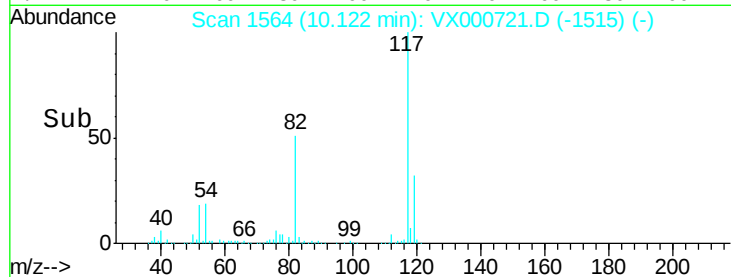
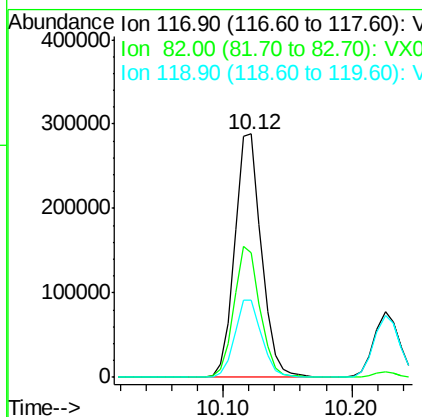
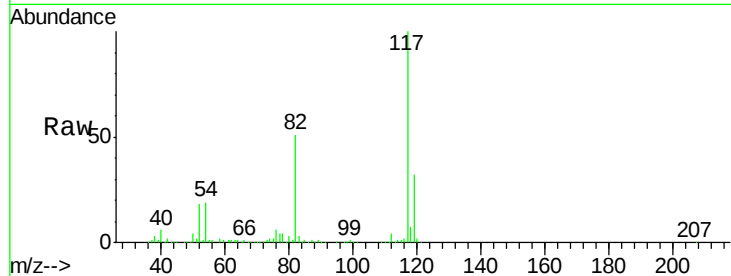




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

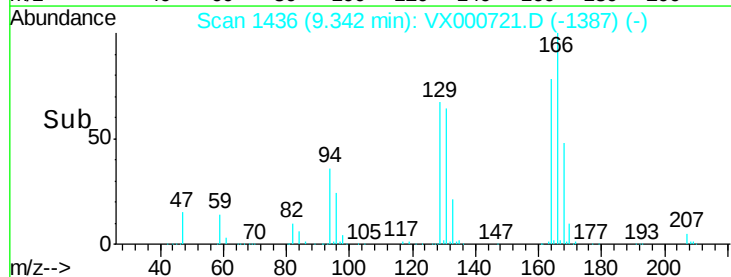
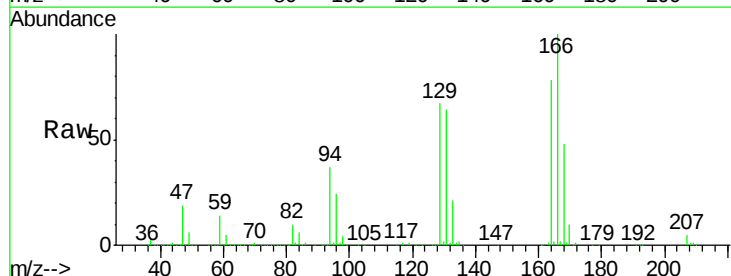
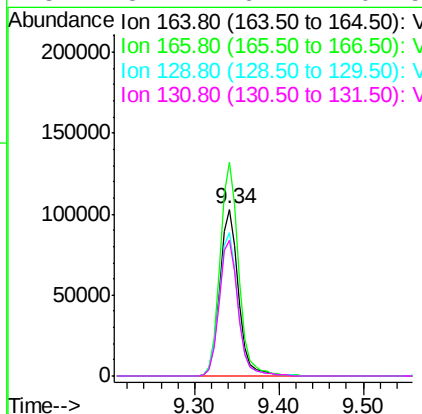
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

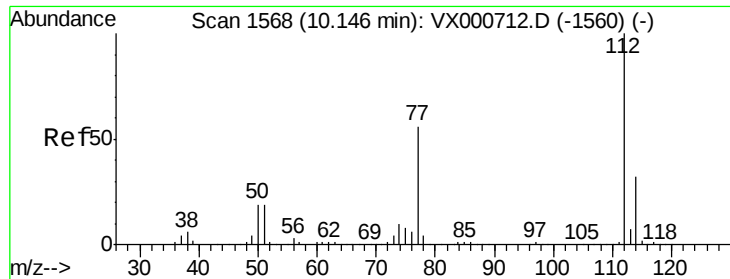
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.9	62.9
119	31.6	25.8	38.8



#64
Tetrachloroethene
Concen: 48.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.4	153.6
129	85.8	69.3	103.9
131	81.7	67.7	101.5

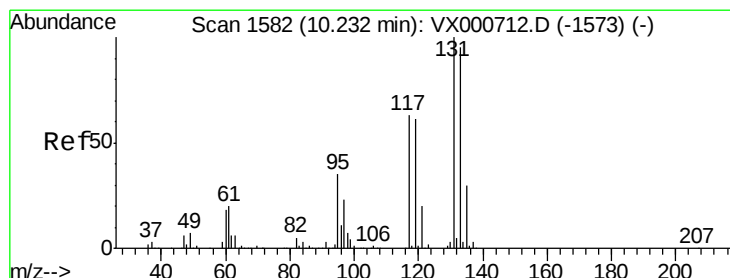
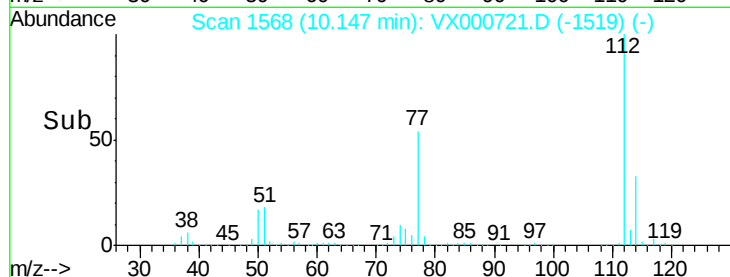
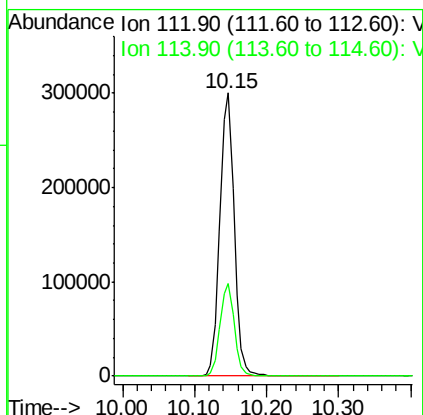
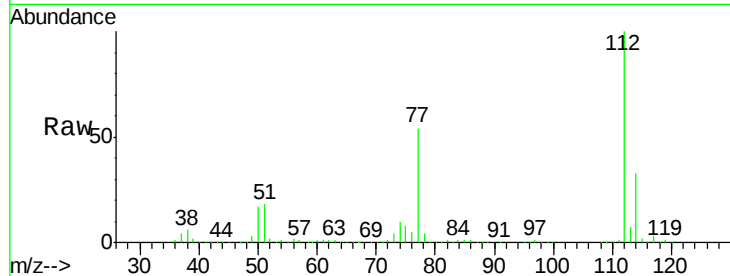




#65
Chlorobenzene
Concen: 48.30 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

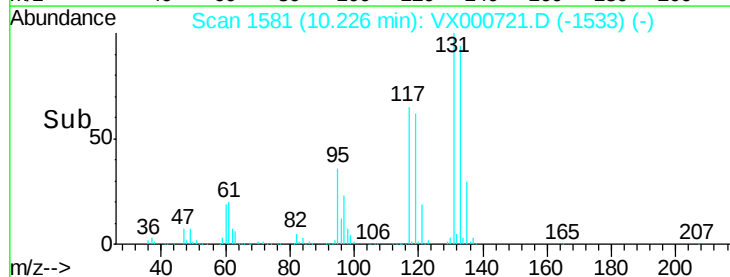
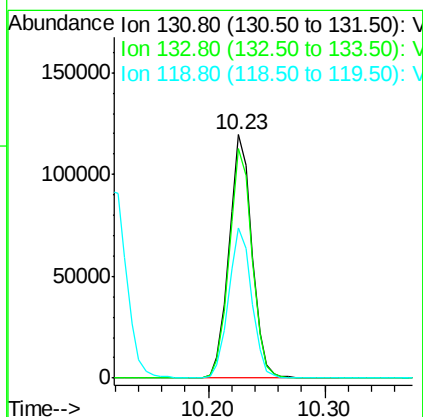
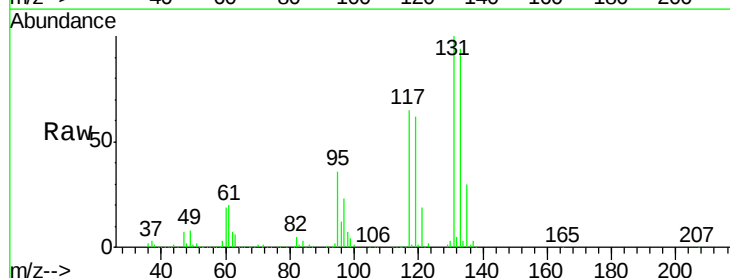
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

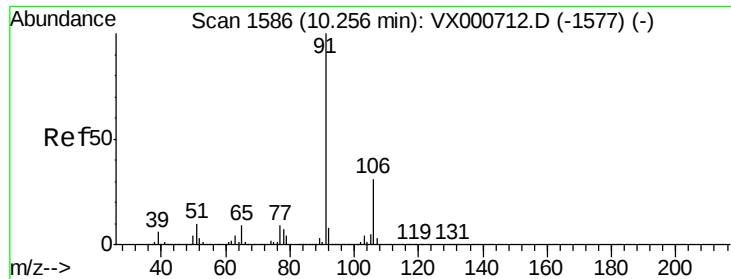
Tgt Ion:112 Resp: 414110
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.70 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion:131 Resp: 163038
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.2
119 62.6 31.5 94.5

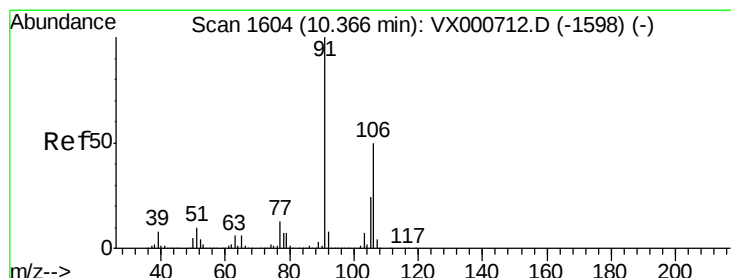
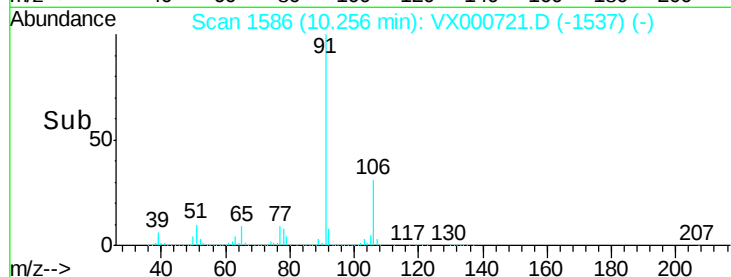
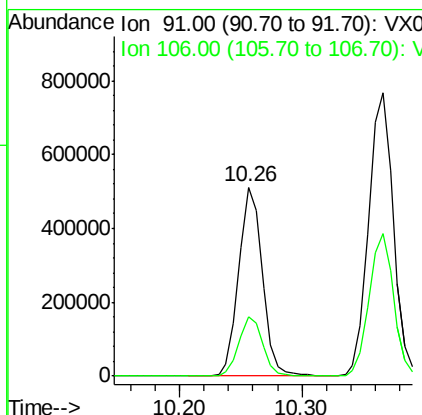
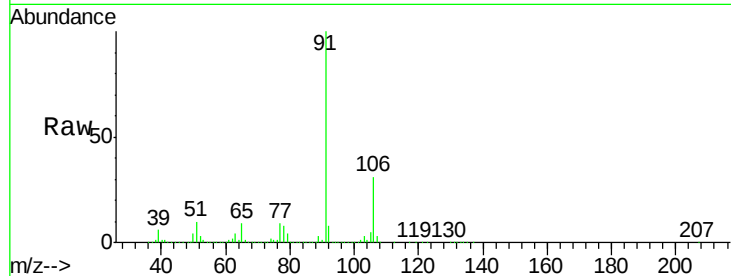




#67
Ethyl Benzene
Concen: 47.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

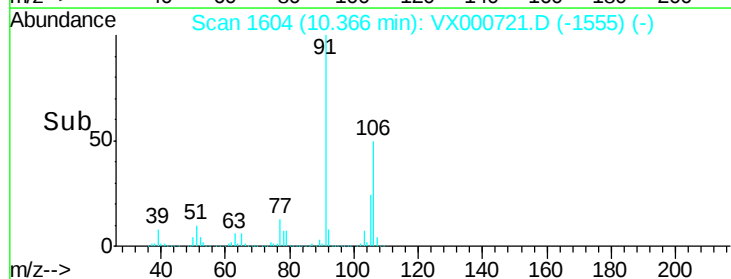
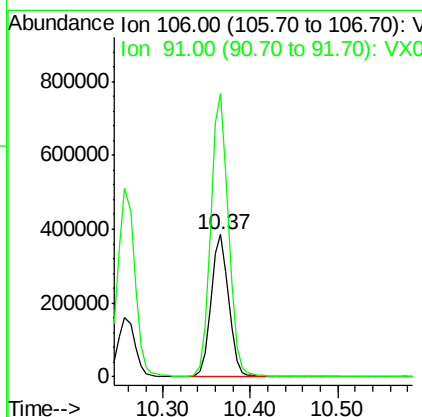
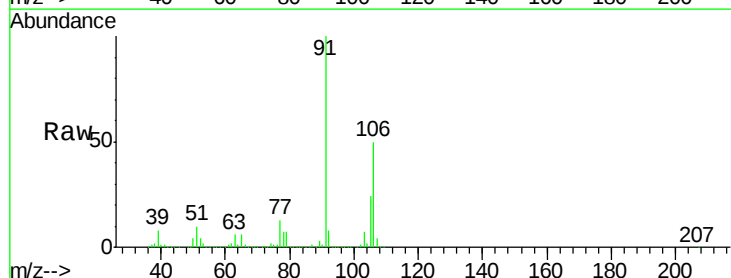
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

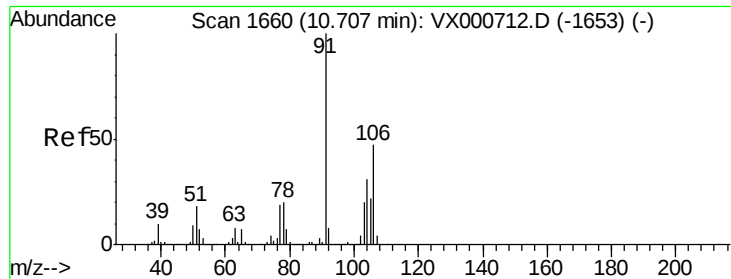
Tgt Ion: 91 Resp: 686032
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 95.96 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 106 Resp: 539911
Ion Ratio Lower Upper
106 100
91 200.5 159.7 239.5

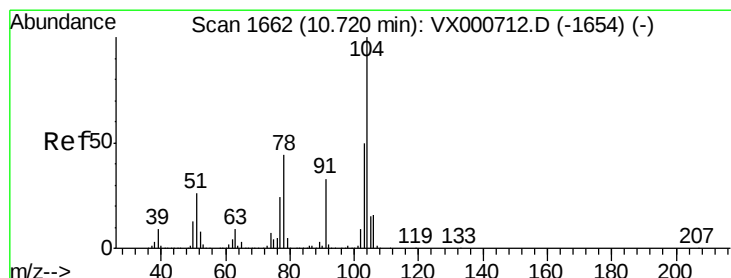
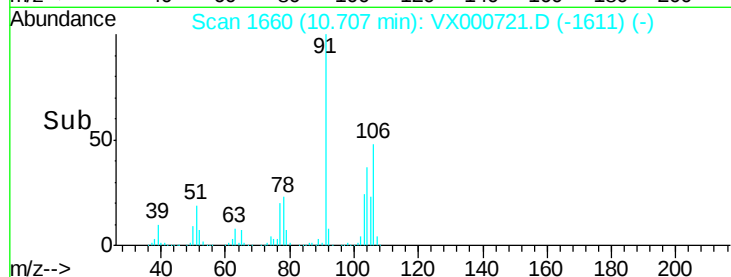
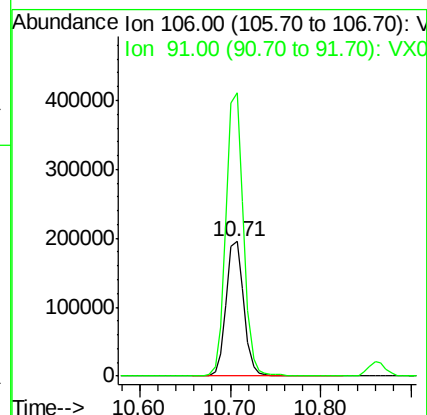
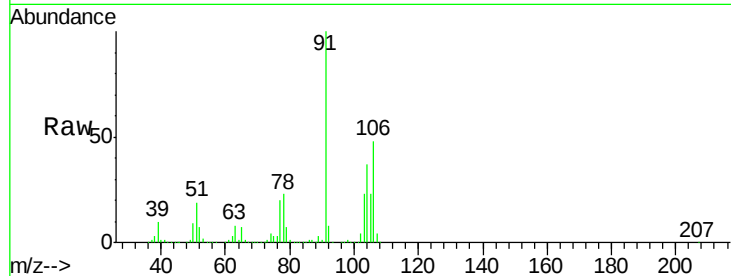




#69
o-Xylene
Concen: 48.11 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

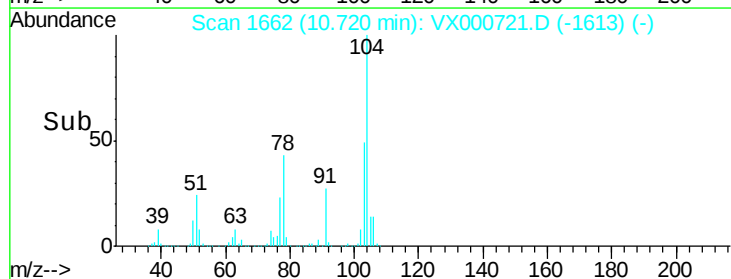
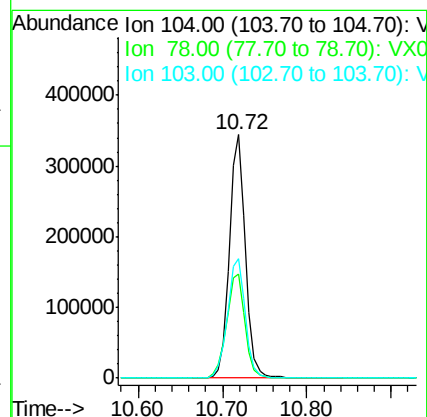
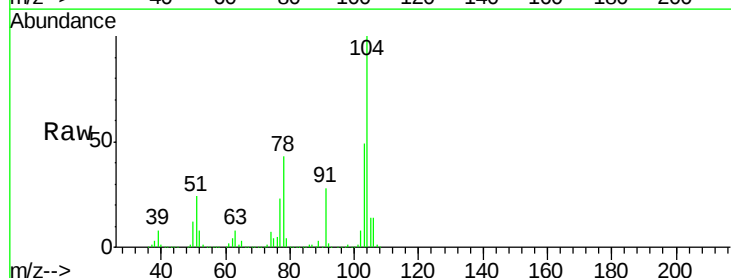
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

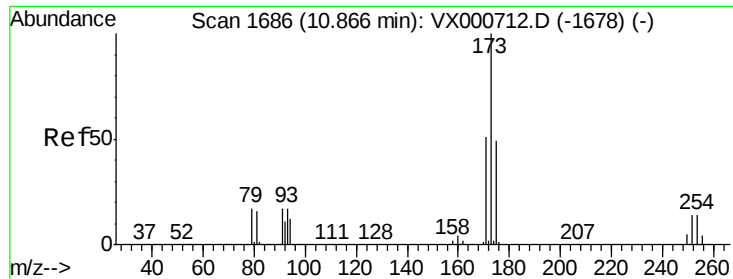
Tgt Ion:106 Resp: 265633
Ion Ratio Lower Upper
106 100
91 208.6 106.1 318.3



#70
Styrene
Concen: 48.46 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion:104 Resp: 452043
Ion Ratio Lower Upper
104 100
78 49.2 39.8 59.6
103 54.9 44.1 66.1

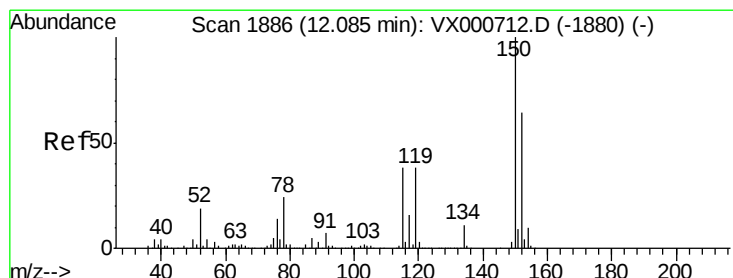
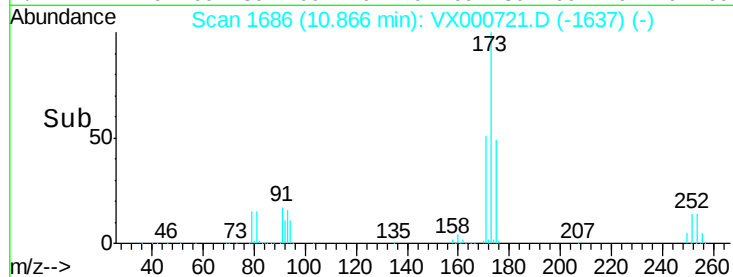
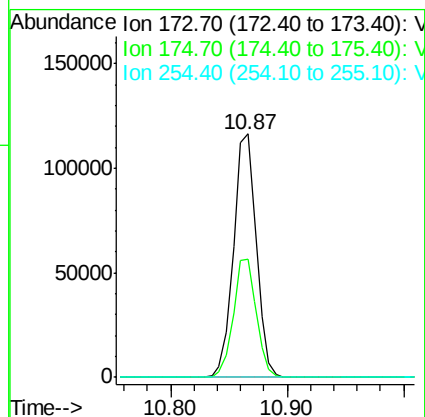
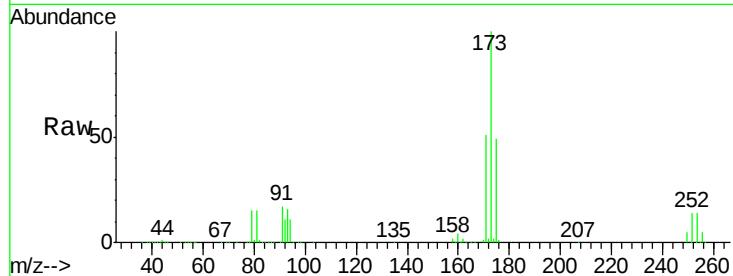




#71
Bromoform
Concen: 49.96 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

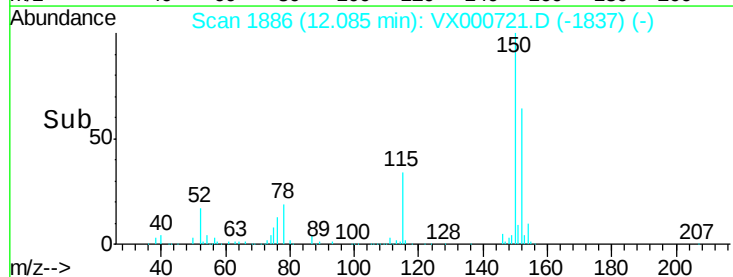
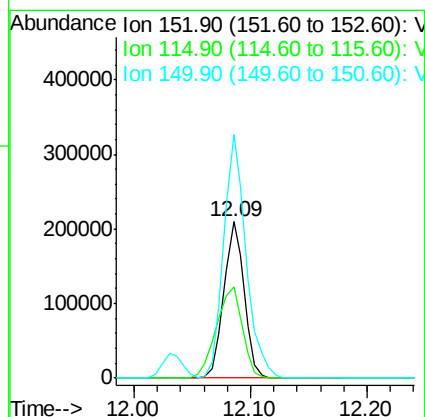
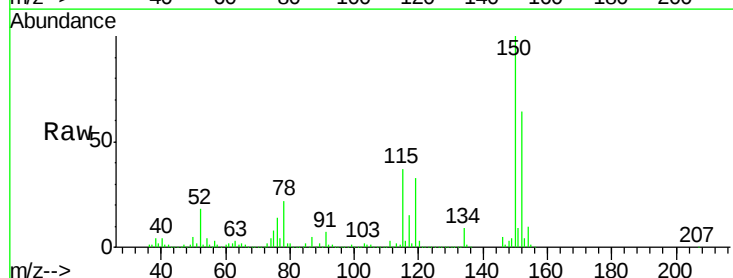
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

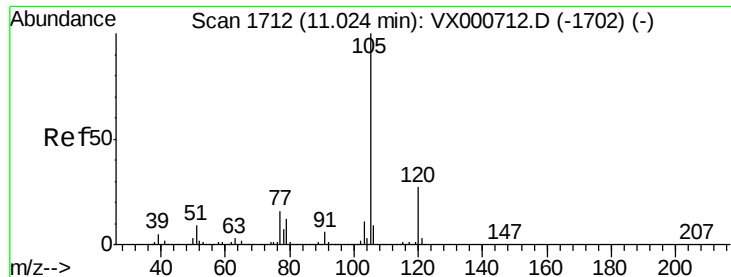
Tgt Ion:173 Resp: 158339
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion:152 Resp: 251191
Ion Ratio Lower Upper
152 100
115 74.5 37.7 113.1
150 172.3 0.0 345.0





#73

Isopropylbenzene

Concen: 48.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

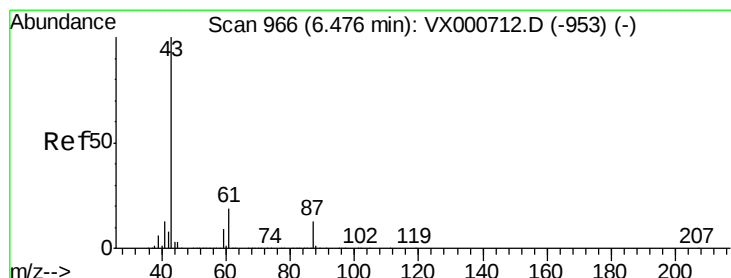
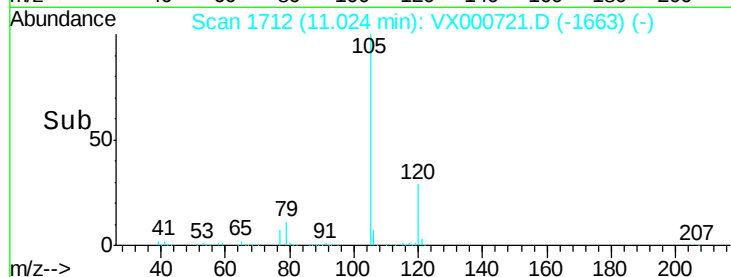
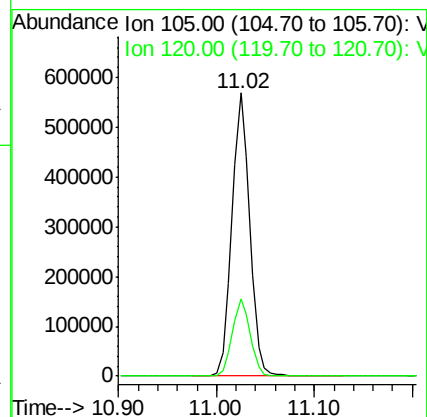
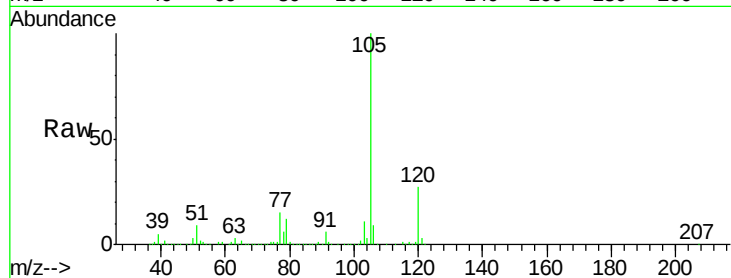
VSTDCCC050

Tgt Ion: 105 Resp: 722460

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 44.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion: 43 Resp: 326416

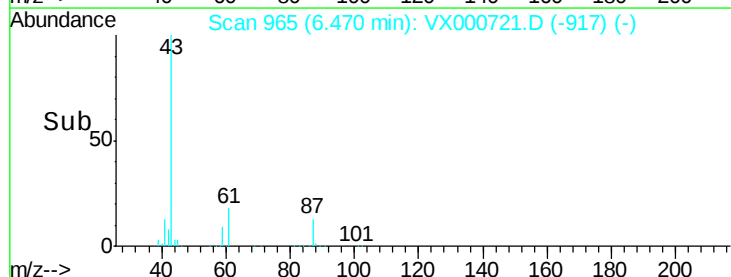
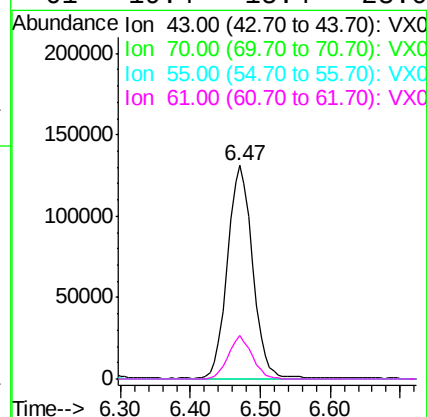
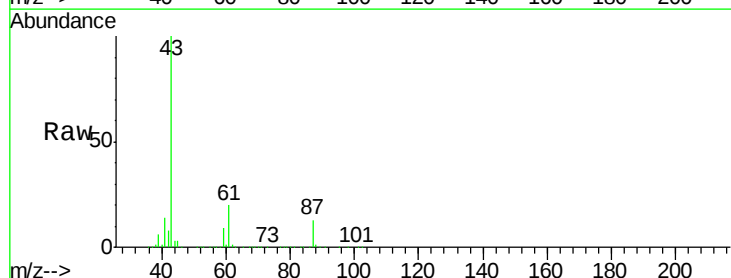
Ion Ratio Lower Upper

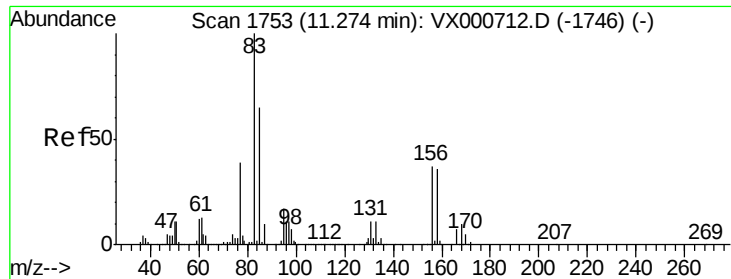
43 100

70 0.1 0.0 0.0#

55 0.0 0.0 0.0#

61 19.4 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

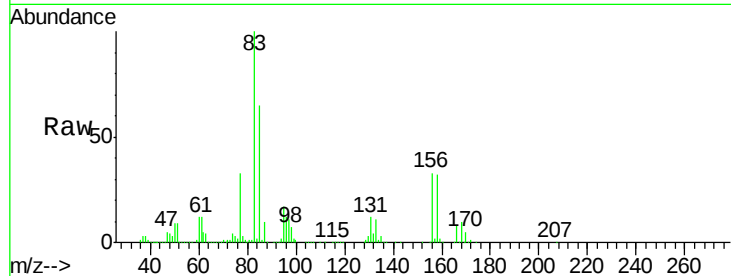
Tgt Ion: 83 Resp: 208791

Ion Ratio Lower Upper

83 100

131 12.0 5.9 17.7

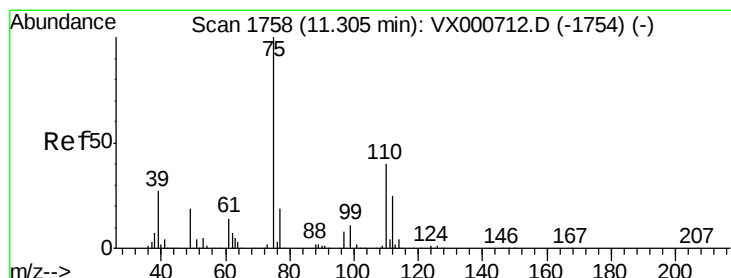
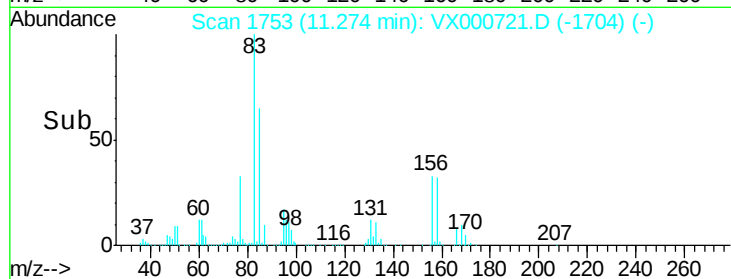
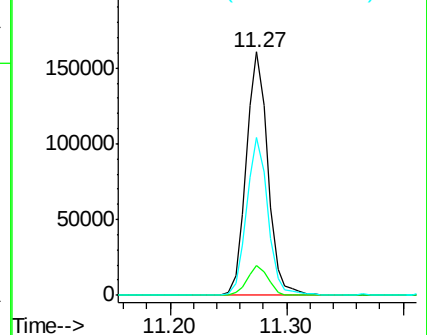
85 64.1 32.6 98.0



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: 60.89 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000721.D

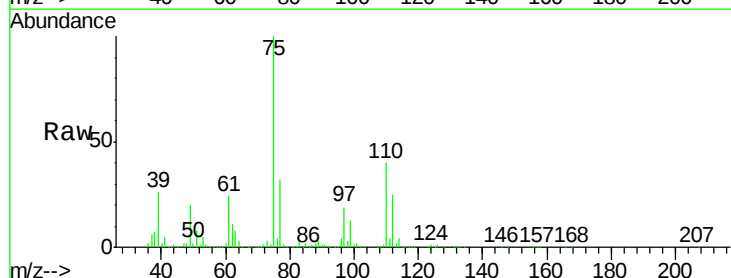
Acq: 08 Apr 2018 10:31

Tgt Ion: 75 Resp: 260247

Ion Ratio Lower Upper

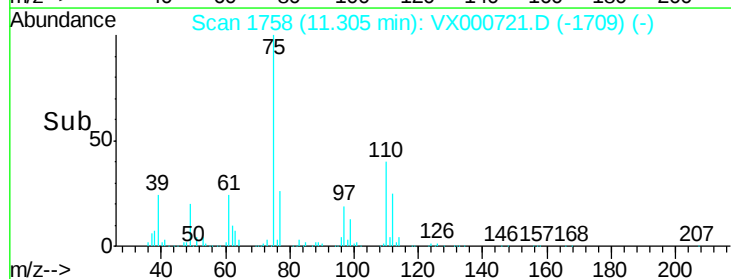
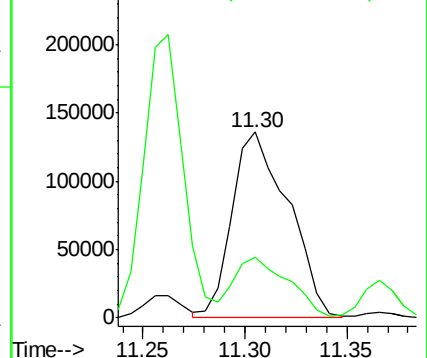
75 100

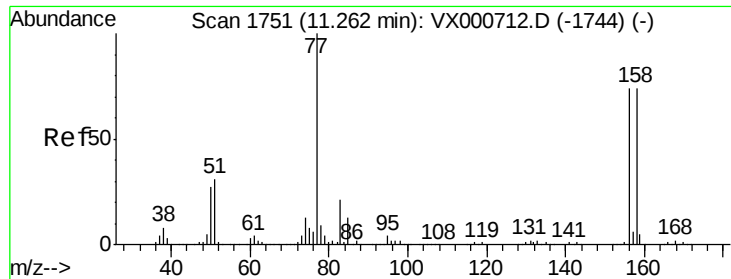
77 31.4 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.74 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

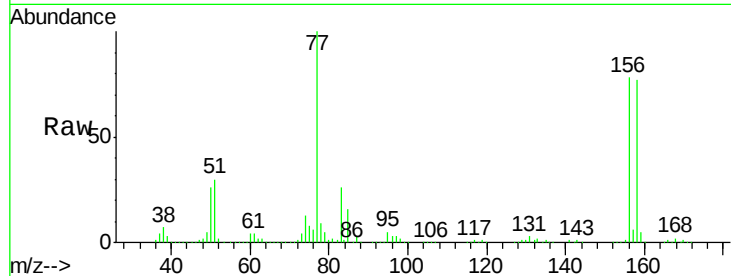
Tgt Ion:156 Resp: 207581

Ion Ratio Lower Upper

156 100

77 133.6 68.3 205.1

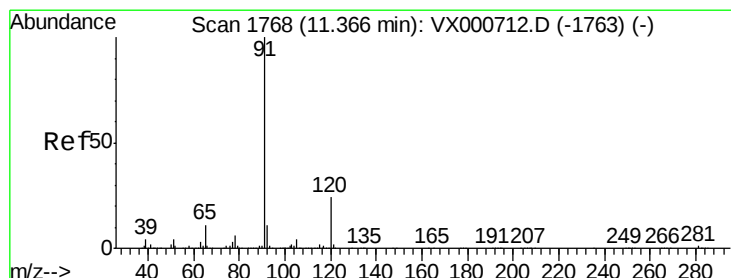
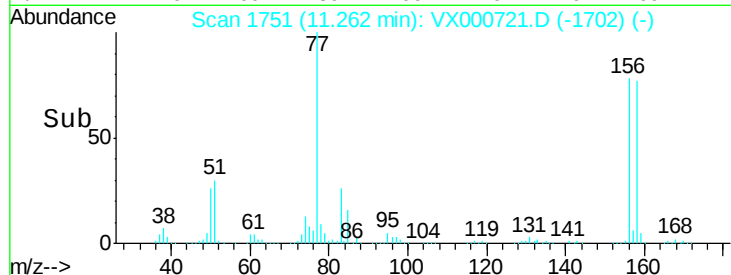
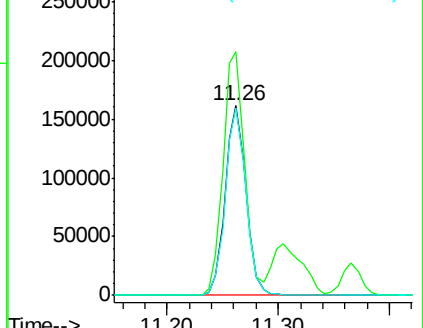
158 98.2 49.1 147.3



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: 47.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000721.D

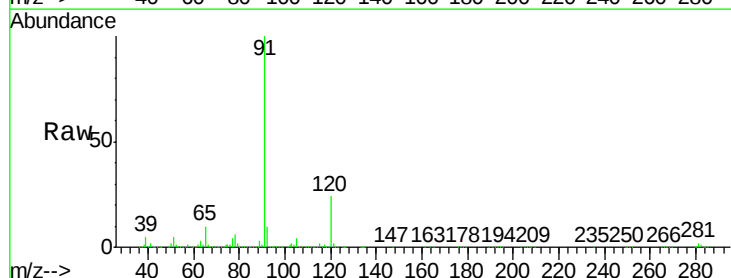
Acq: 08 Apr 2018 10:31

Tgt Ion: 91 Resp: 822203

Ion Ratio Lower Upper

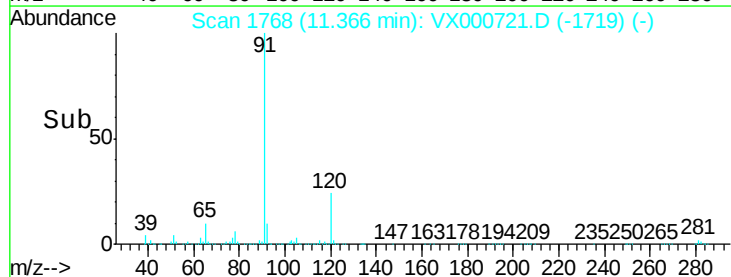
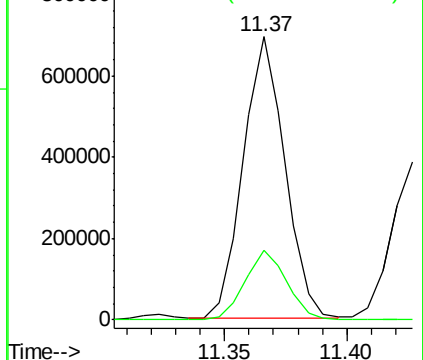
91 100

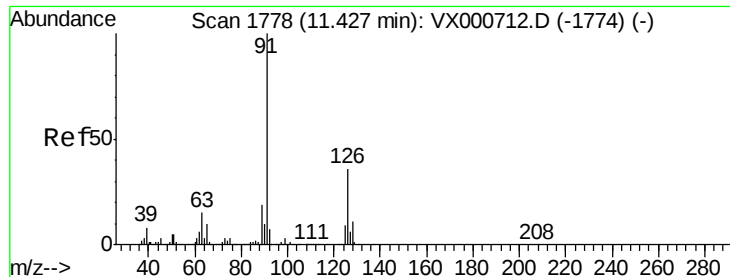
120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.43 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

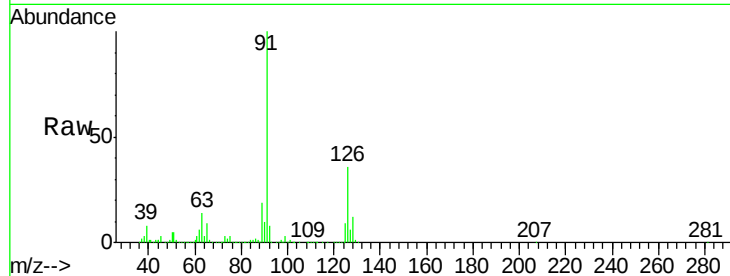
VSTDCCC050

Tgt Ion: 91 Resp: 487393

Ion Ratio Lower Upper

91 100

126 36.6 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000721.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000721.D (-1774) (-)

800000

600000

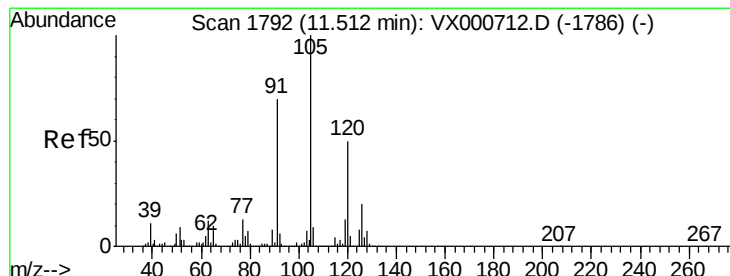
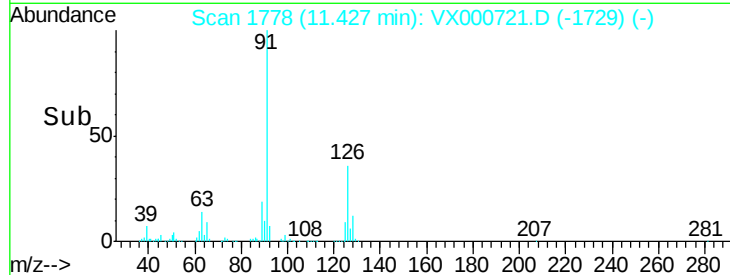
400000

200000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000721.D

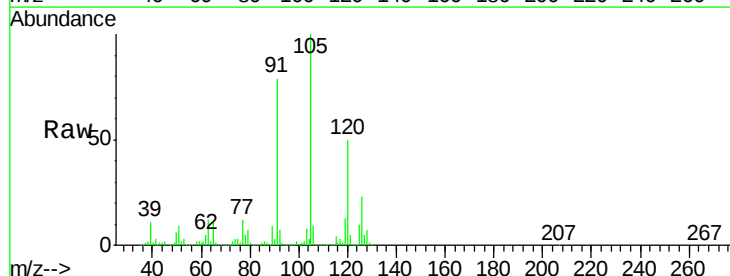
Acq: 08 Apr 2018 10:31

Tgt Ion: 105 Resp: 624180

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX000721.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000721.D (-1786) (-)

600000

500000

400000

300000

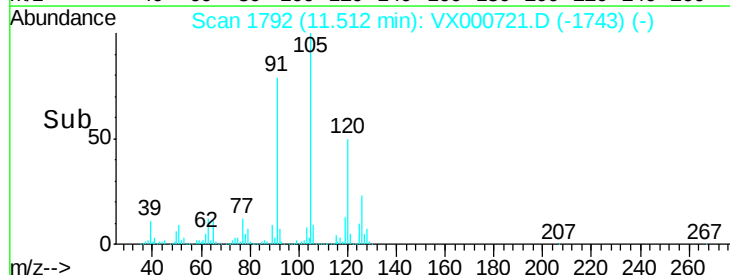
200000

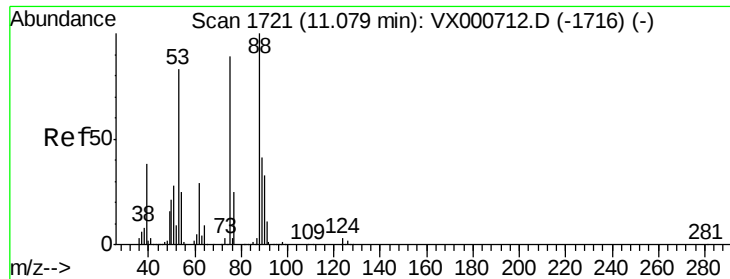
100000

0

11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.93 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

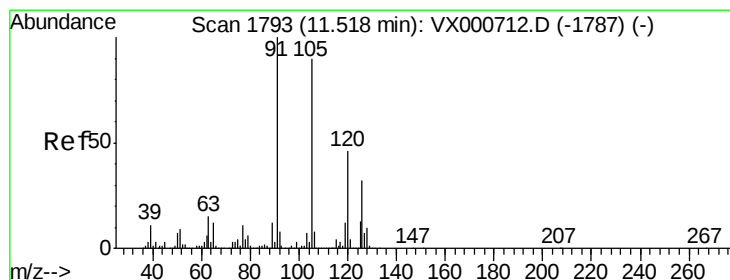
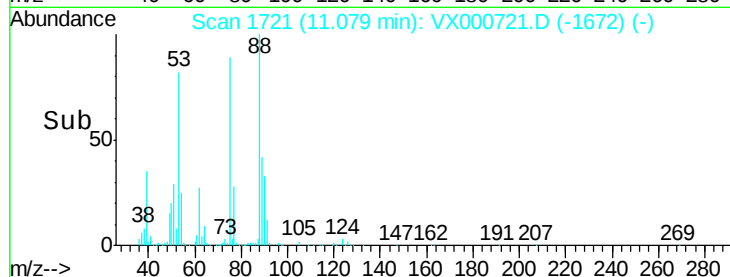
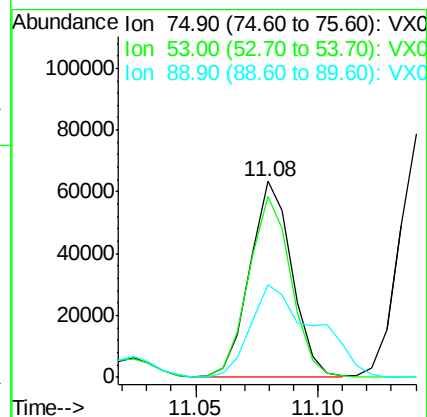
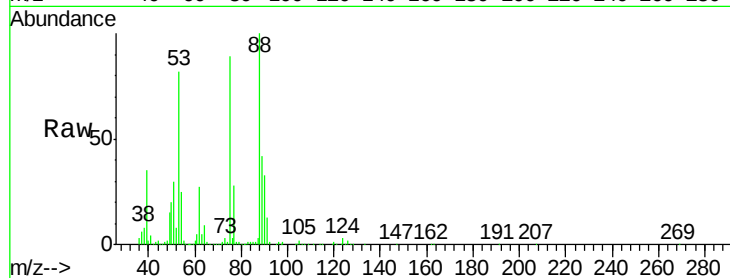
Tgt Ion: 75 Resp: 75403

Ion Ratio Lower Upper

75 100

53 93.3 74.2 111.2

89 72.9 46.6 69.8#



#82

4-Chlorotoluene

Concen: 47.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000721.D

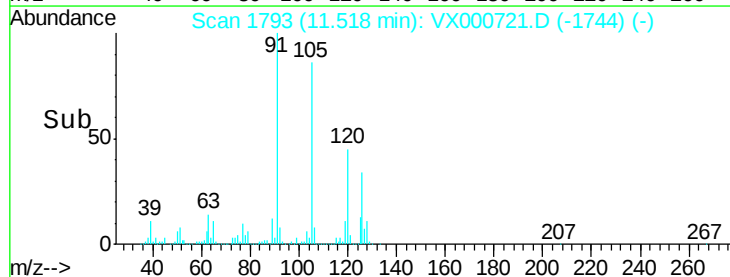
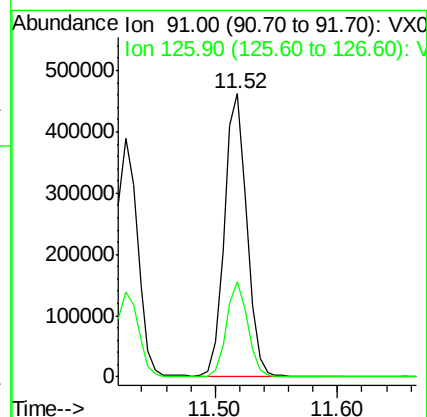
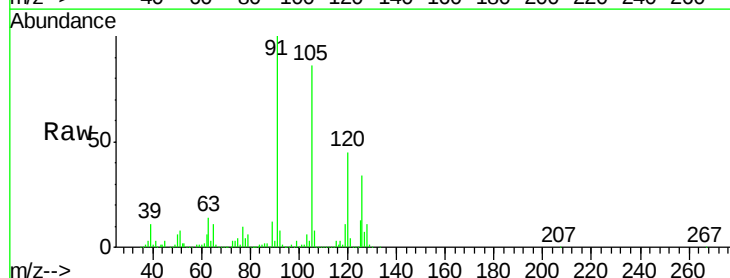
Acq: 08 Apr 2018 10:31

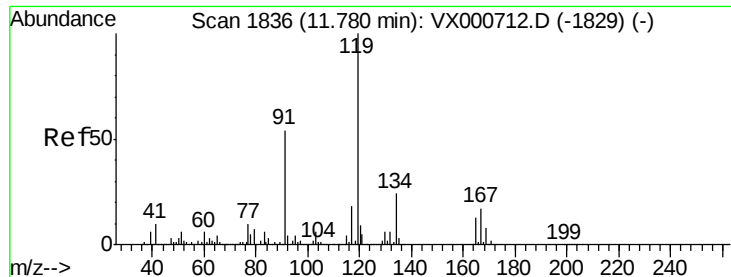
Tgt Ion: 91 Resp: 588427

Ion Ratio Lower Upper

91 100

126 31.9 16.0 48.0

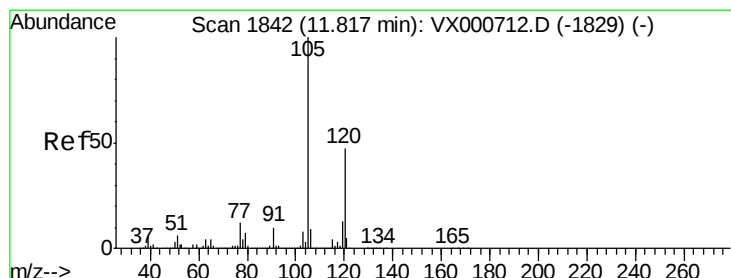
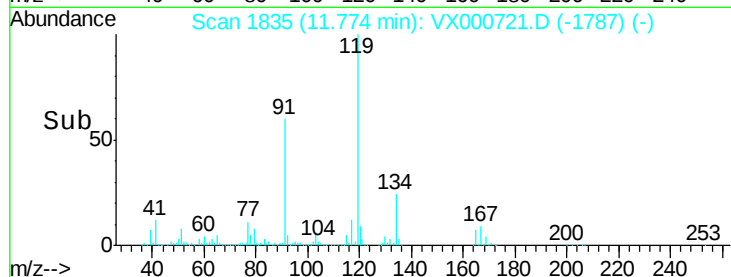
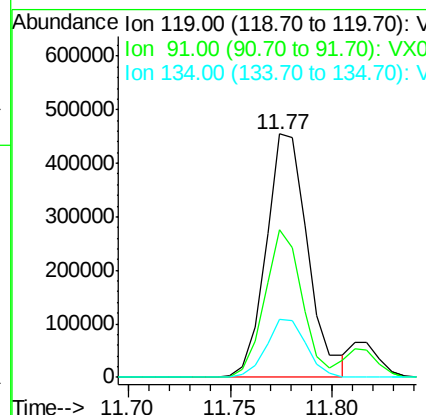
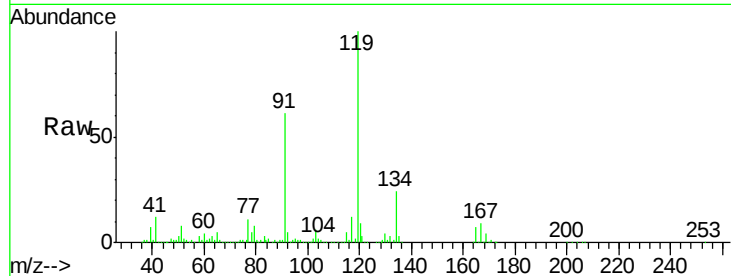




#83
 tert-Butylbenzene
 Concen: 48.48 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

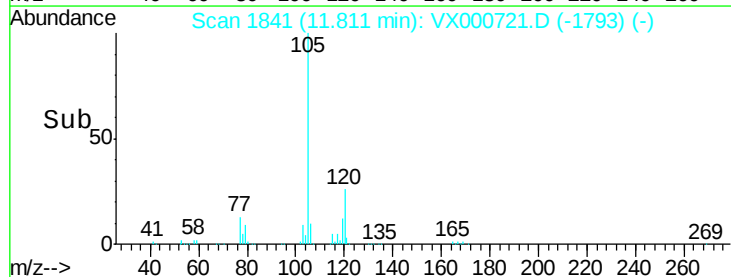
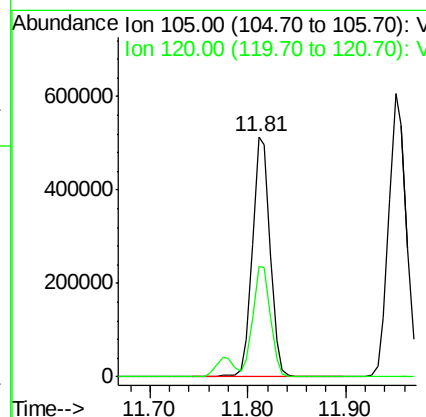
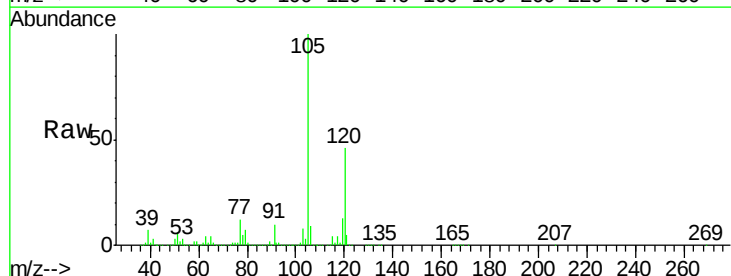
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

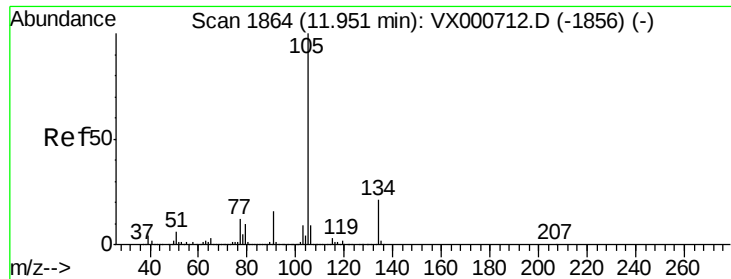
Tgt Ion:119 Resp: 646364
 Ion Ratio Lower Upper
 119 100
 91 54.0 27.3 81.8
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion:105 Resp: 644637
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 48.30 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

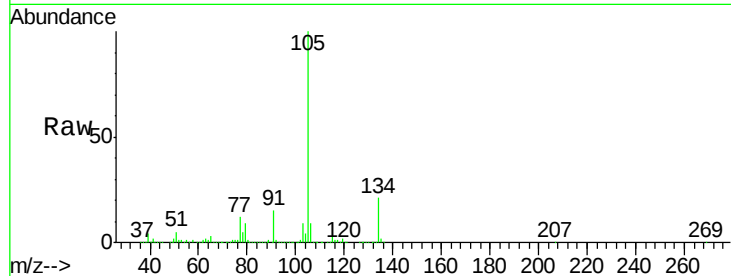
VSTDCCC050

Tgt Ion:105 Resp: 753597

Ion Ratio Lower Upper

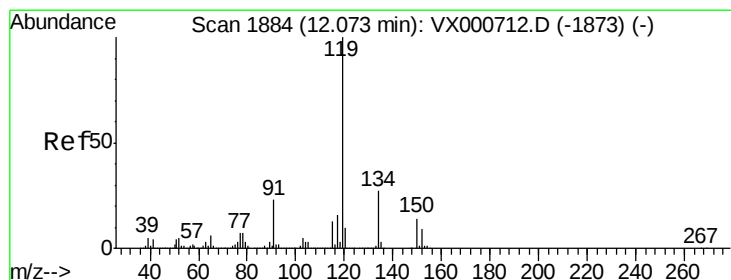
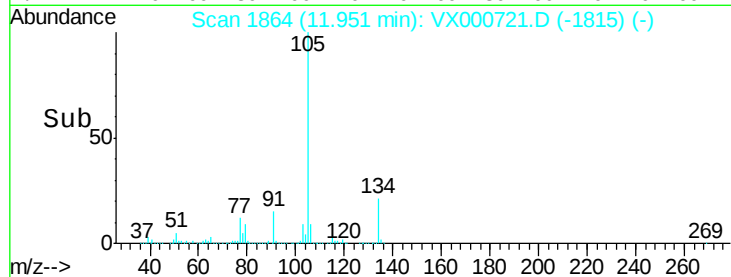
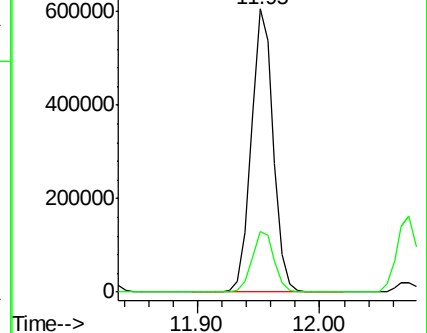
105 100

134 21.6 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.63 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

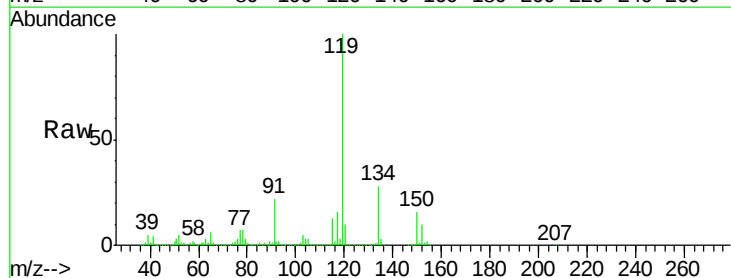
Tgt Ion:119 Resp: 709407

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

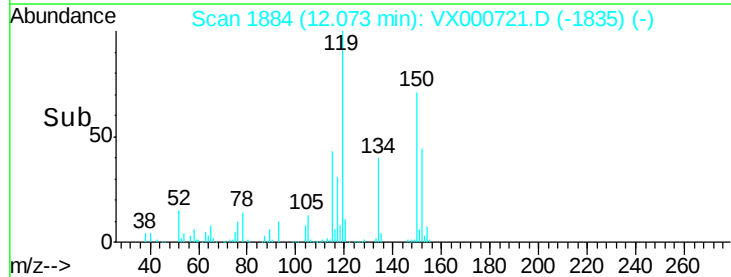
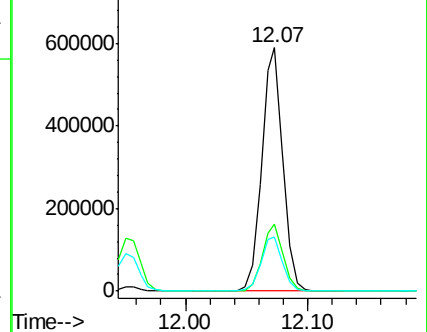
91 22.5 11.5 34.4

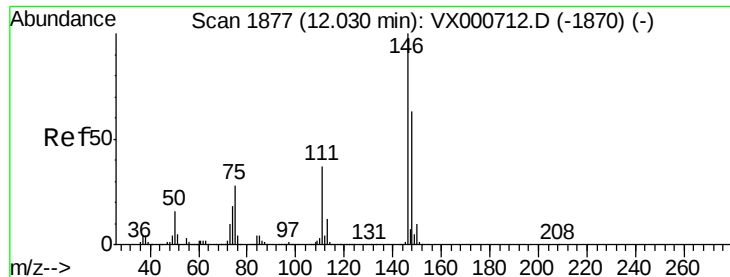


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

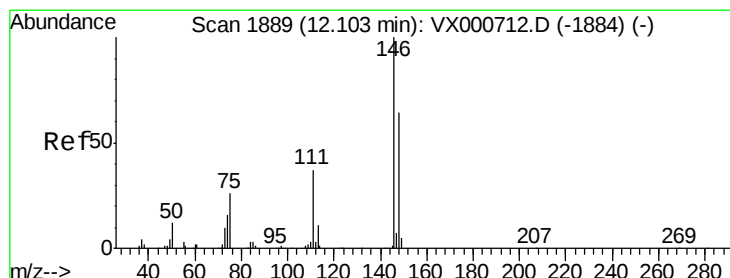
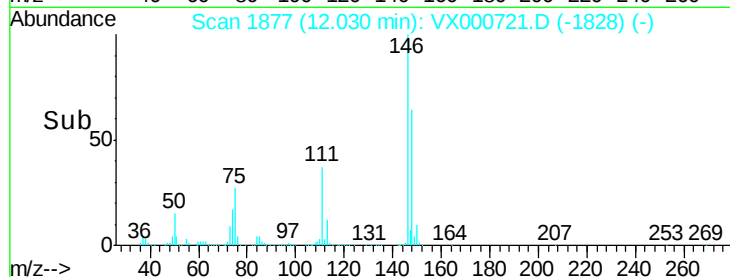
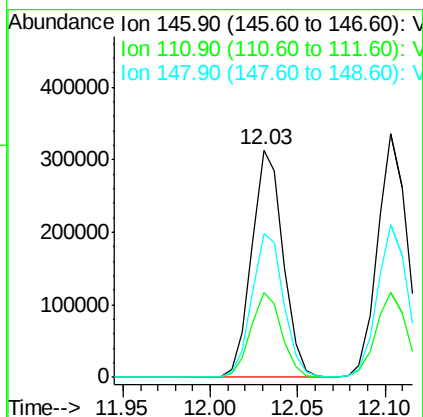
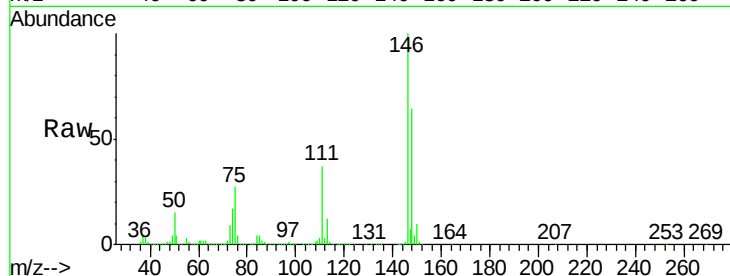




#87
 1,3-Dichlorobenzene
 Concen: 48.99 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

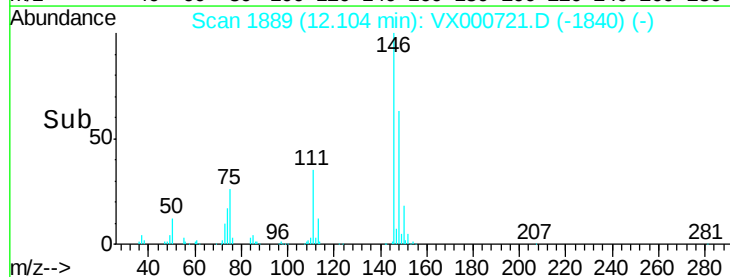
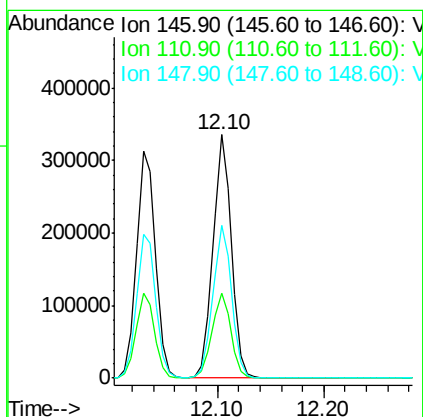
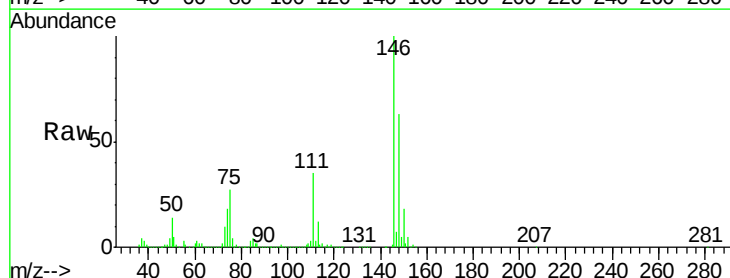
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

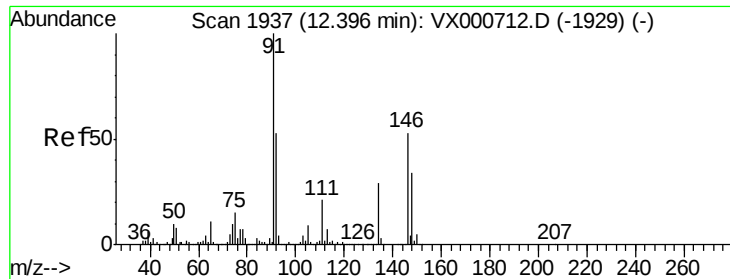
Tgt Ion:146 Resp: 390947
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.8
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.63 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion:146 Resp: 397783
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.2 54.6
 148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 48.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

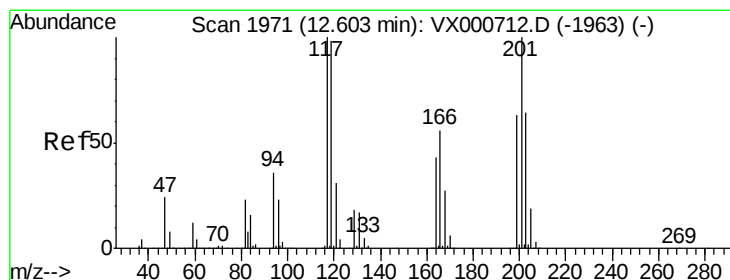
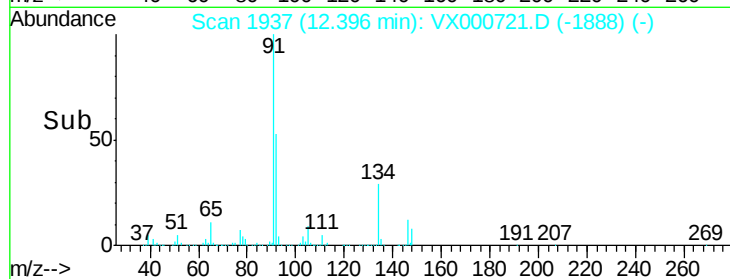
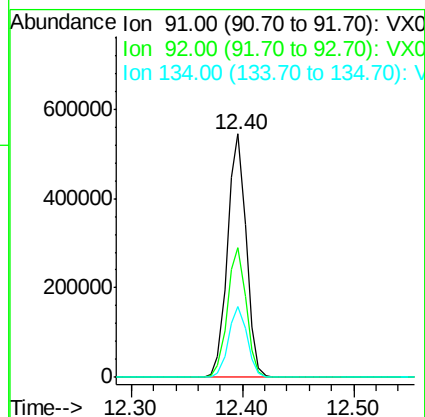
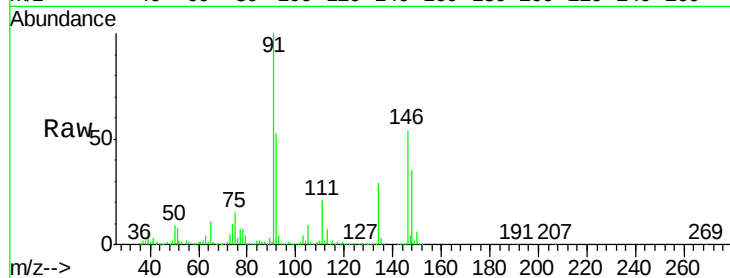
Tgt Ion: 91 Resp: 630327

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 29.1 14.4 43.0



#90

Hexachloroethane

Concen: 48.75 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000721.D

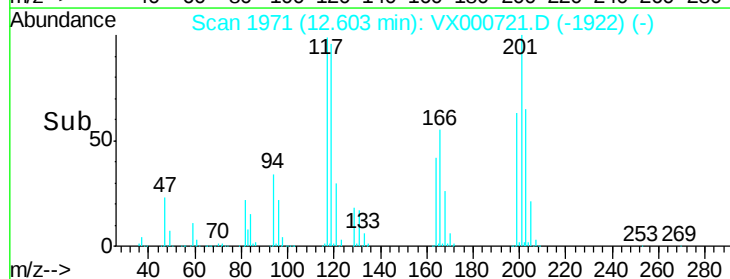
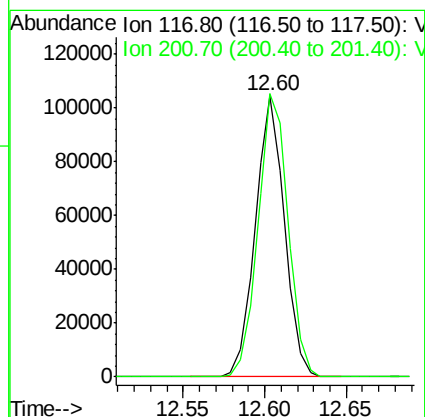
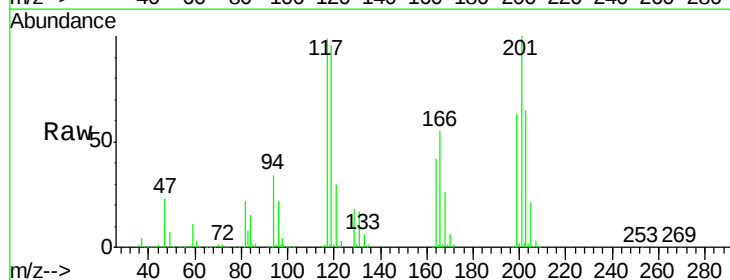
Acq: 08 Apr 2018 10:31

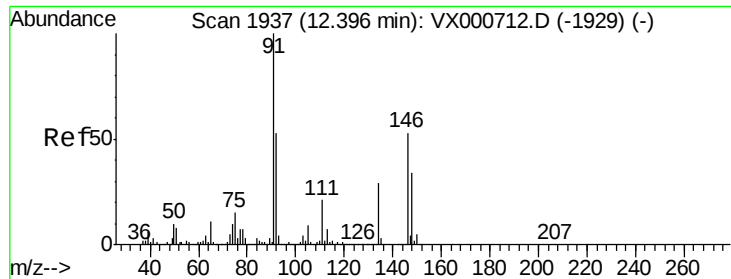
Tgt Ion: 117 Resp: 129126

Ion Ratio Lower Upper

117 100

201 103.8 51.2 153.6

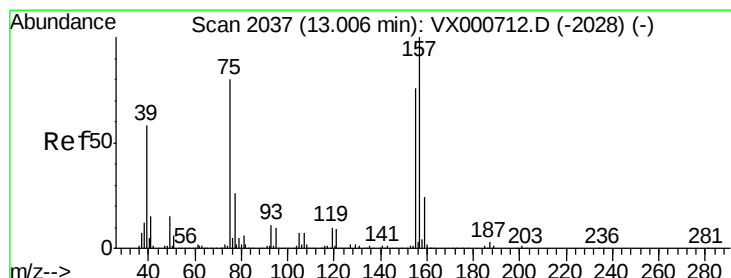
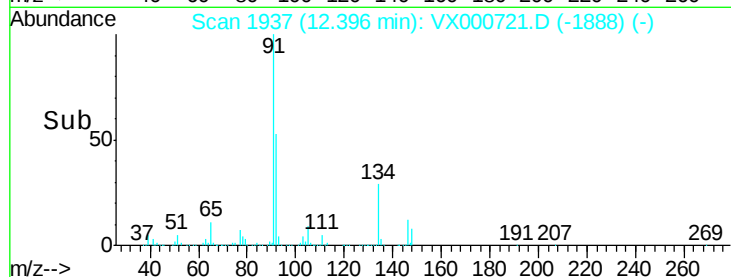
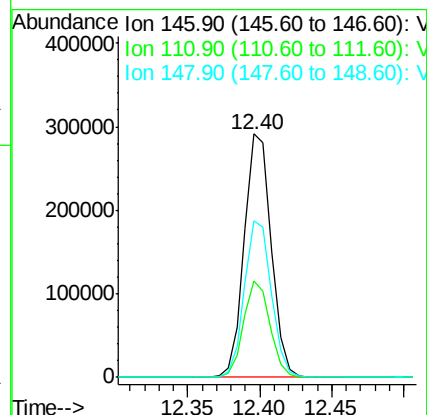
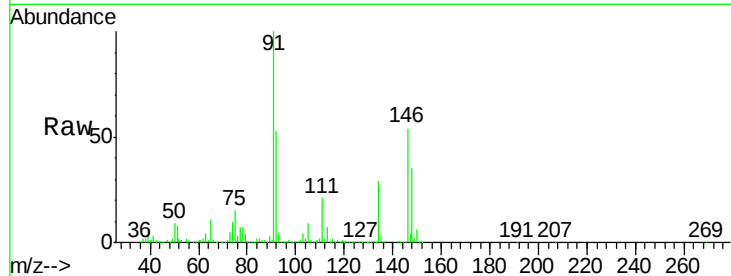




#91
 1,2-Dichlorobenzene
 Concen: 48.61 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

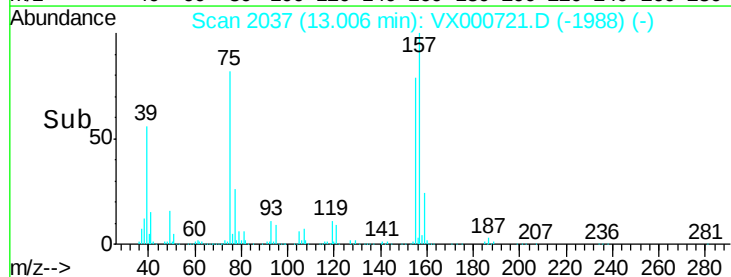
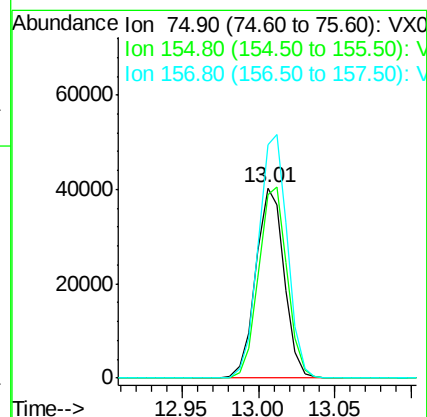
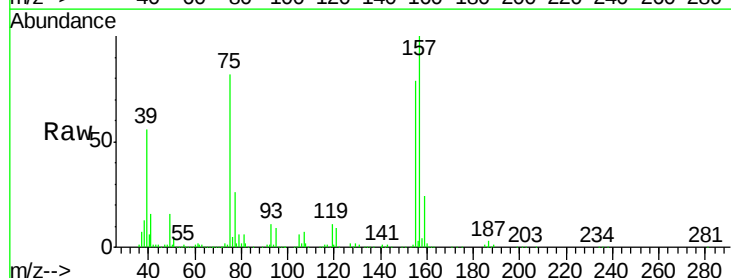
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

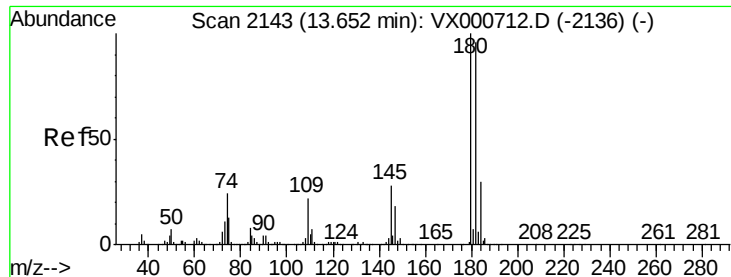
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	64.5	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	48.4	145.0
157	130.8	62.8	188.5

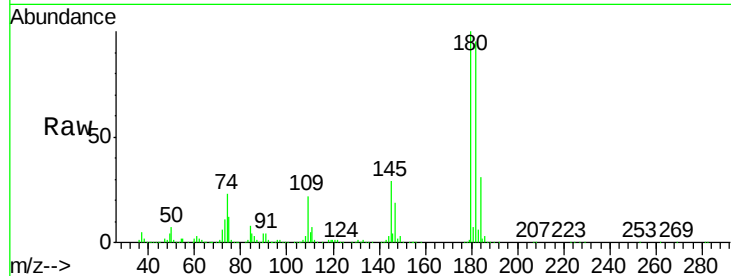




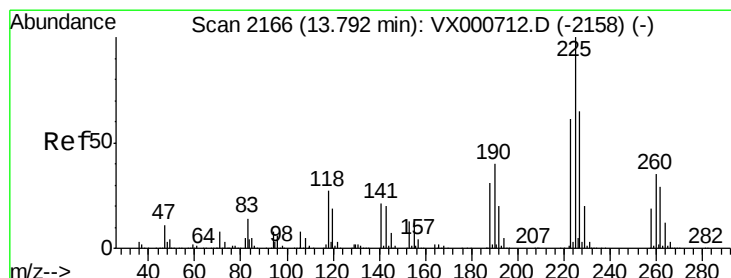
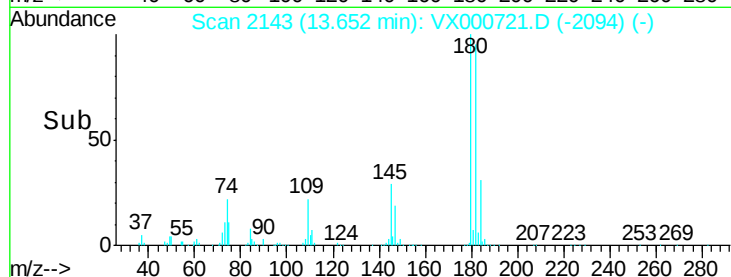
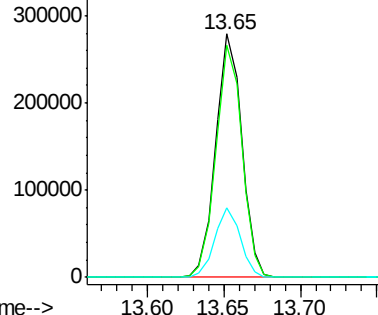
#93
 1,2,4-Trichlorobenzene
 Concen: 49.72 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 329564
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 28.0 14.1 42.3

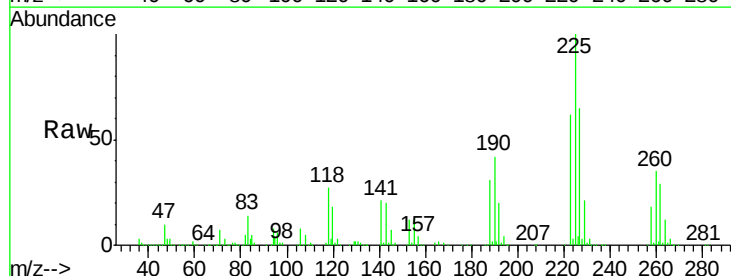


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

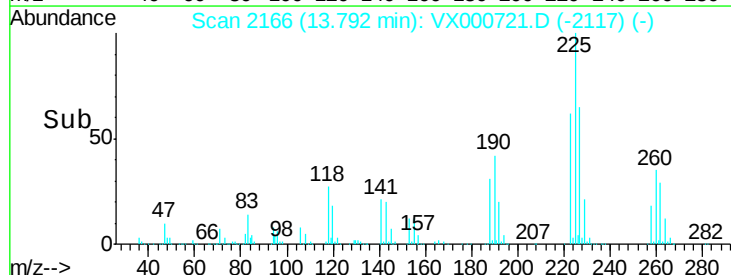
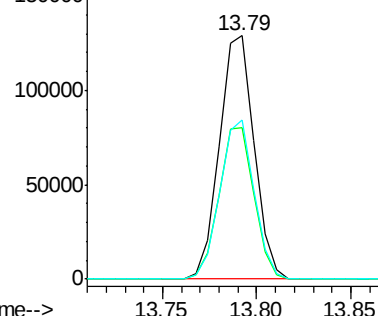


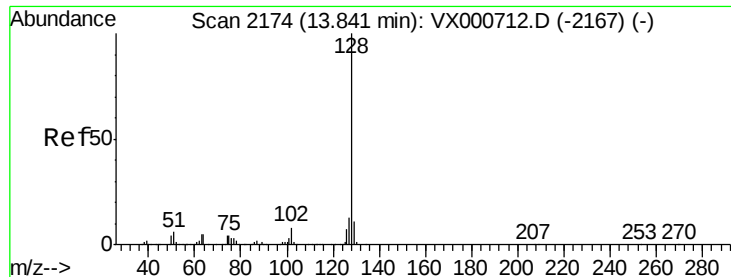
#94
 Hexachlorobutadiene
 Concen: 50.58 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion:225 Resp: 165060
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.8
 227 64.1 31.9 95.7



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





#95

Naphthalene

Concen: 48.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

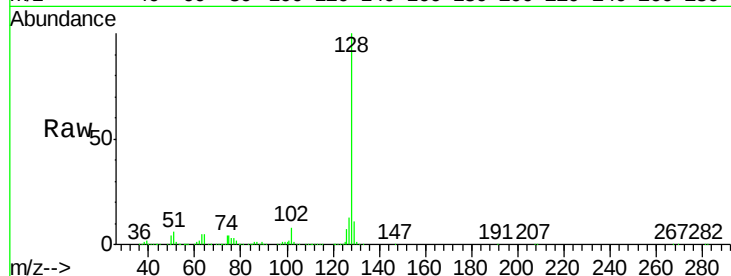
Tgt Ion:128 Resp: 836157

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

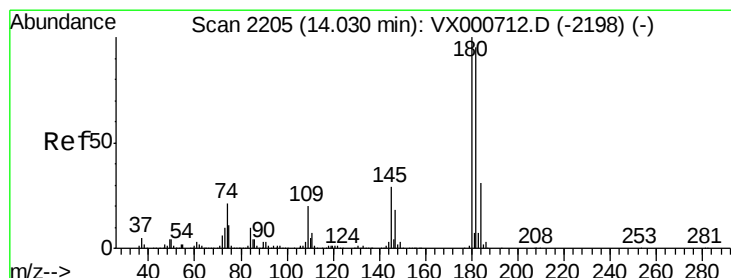
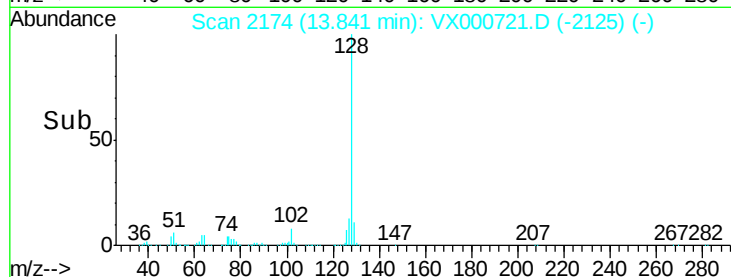
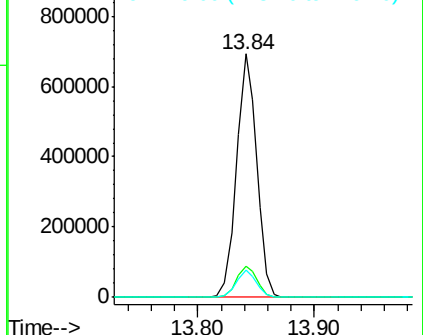
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.85 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

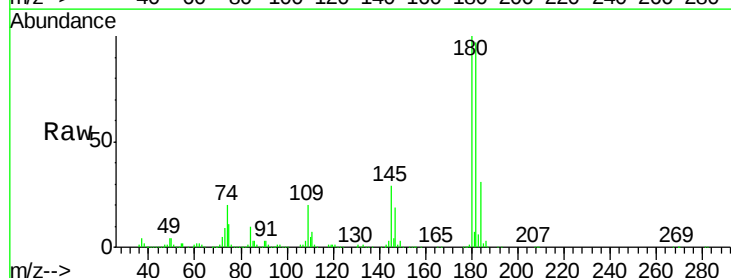
Tgt Ion:180 Resp: 318744

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 29.5 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

