

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000555.D
 Acq On : 30 Mar 2018 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 11:11:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	118488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147622	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	76427	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	5.51	113	61076	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	8.73	98	248629	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.15	95	106667	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	52306	40.06	ug/l	97
3) Chloromethane	1.32	50	57432	41.75	ug/l	97
4) Vinyl Chloride	1.40	62	72941	50.18	ug/l	97
5) Bromomethane	1.64	94	131704	75.65	ug/l	100
6) Chloroethane	1.72	64	56114	62.73	ug/l	95
7) Trichlorofluoromethane	1.93	101	141870	54.07	ug/l	99
8) Diethyl Ether	2.20	74	51487	54.91	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74030	50.60	ug/l	97
10) Methyl Iodide	2.52	142	39618	29.27	ug/l	98
11) Tert butyl alcohol	3.09	59	149834	281.63	ug/l	100
12) 1,1-Dichloroethene	2.37	96	68263	53.15	ug/l	94
13) Acrolein	2.30	56	37718	223.67	ug/l	96
14) Allyl chloride	2.73	41	123426	54.42	ug/l	99
15) Acrylonitrile	3.16	53	300868	279.22	ug/l	99
16) Acetone	2.45	43	274696	213.50	ug/l	97
17) Carbon Disulfide	2.57	76	166003	48.59	ug/l	98
18) Methyl Acetate	2.79	43	156849	58.15	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	274167	57.72	ug/l	99
20) Methylene Chloride	2.86	84	77581	52.20	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	78166	54.56	ug/l	98
22) Diisopropyl ether	3.89	45	185246	46.14	ug/l	92
23) Vinyl Acetate	3.84	43	845457	222.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108604	43.03	ug/l	99
25) 2-Butanone	4.72	43	328092	226.86	ug/l	99
26) 2,2-Dichloropropane	4.60	77	61909	34.99	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	64938	48.50	ug/l	96
28) Bromochloromethane	5.03	49	45037	43.27	ug/l	100
29) Tetrahydrofuran	5.18	42	222347	249.88	ug/l	99
30) Chloroform	5.23	83	123485	52.20	ug/l	97
31) Cyclohexane	5.58	56	92306	47.30	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	108411	50.80	ug/l	98
36) 1,1-Dichloropropene	5.81	75	87008	47.64	ug/l	99
37) Ethyl Acetate	4.88	43	118944	47.68	ug/l	99
38) Carbon Tetrachloride	5.79	117	94782	49.47	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	99626	44.85	ug/l	96
40) Benzene	6.15	78	267553	50.44	ug/l	100
41) Methacrylonitrile	5.08	41	62735	47.70	ug/l	97
42) 1,2-Dichloroethane	6.21	62	104924	50.42	ug/l	99
43) Isopropyl Acetate	6.48	43	188515	50.76	ug/l	99
44) Trichloroethene	7.23	130	73658	48.48	ug/l	98
45) 1,2-Dichloropropane	7.52	63	68327	50.33	ug/l	98
46) Dibromomethane	7.67	93	53399	50.11	ug/l	98
47) Bromodichloromethane	7.91	83	99961	53.31	ug/l	100
48) Methyl methacrylate	7.79	41	93663	51.95	ug/l	99
49) 1,4-Dioxane	7.77	88	42113	1111.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	779550	271.20	ug/l	100
52) Toluene	8.79	92	195688	52.78	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	107234	49.36	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	108367	51.42	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	81787	53.64	ug/l	94
56) Ethyl methacrylate	9.19	69	124601	53.93	ug/l	98
57) 1,3-Dichloropropane	9.38	76	129687	53.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	222673	200.80	ug/l	98
59) 2-Hexanone	9.51	43	655904	268.73	ug/l	100
60) Dibromochloromethane	9.59	129	88171	48.96	ug/l	97
61) 1,2-Dibromoethane	9.68	107	89800	54.92	ug/l	98
64) Tetrachloroethene	9.34	164	78303	46.96	ug/l	97
65) Chlorobenzene	10.15	112	232355	48.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	82728	50.94	ug/l	98
67) Ethyl Benzene	10.26	91	401424	49.52	ug/l	100
68) m/p-Xylenes	10.37	106	326187	102.27	ug/l	99
69) o-Xylene	10.71	106	158822	51.43	ug/l	99
70) Styrene	10.72	104	275076	53.83	ug/l	98
71) Bromoform	10.87	173	73097	43.85	ug/l #	97
73) Isopropylbenzene	11.02	105	436846	44.66	ug/l	99
74) N-amyl acetate	6.48	43	188515	43.81	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162154	46.87	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	177363	55.91	ug/l	84
77) Bromobenzene	11.26	156	110140	42.27	ug/l	98
78) n-propylbenzene	11.37	91	516953	44.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	296993	44.08	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	388803	47.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	38093	38.87	ug/l	98
82) 4-Chlorotoluene	11.52	91	375066	46.62	ug/l	98
83) tert-Butylbenzene	11.78	119	381872	46.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	398139	46.17	ug/l	98
85) sec-Butylbenzene	11.96	105	480203	46.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	436419	47.88	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	216909	44.03	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	241983	46.78	ug/l	98
89) n-Butylbenzene	12.40	91	397315	46.82	ug/l	100
90) Hexachloroethane	12.60	117	69298	48.30	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	231707	47.97	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42819	44.38	ug/l	99

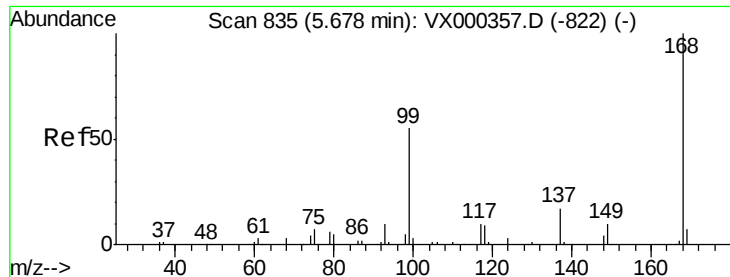
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	155754	44.98	ug/l	98
94) Hexachlorobutadiene	13.79	225	64363	44.89	ug/l	97
95) Naphthalene	13.84	128	579141	48.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	159883	46.73	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

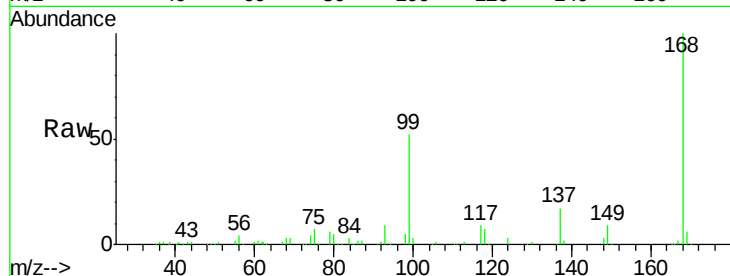
VSTDCCC050EC

Tot Ion:168 Resp: 118488

Ion Ratio Lower Upper

168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

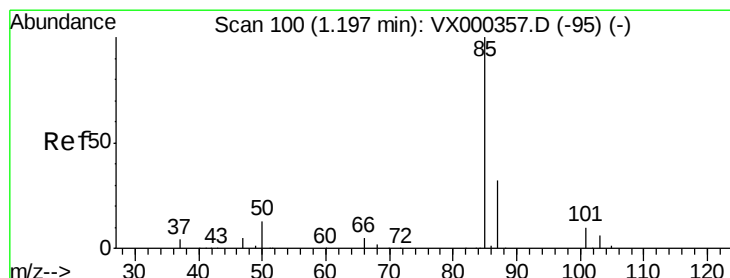
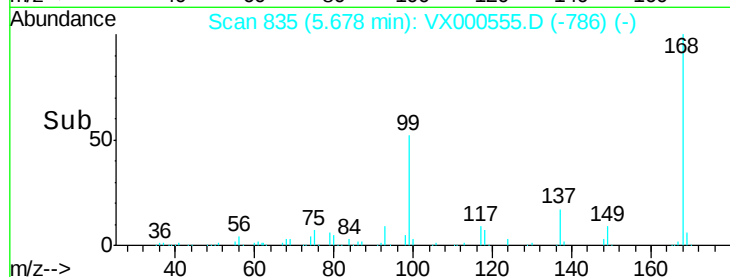
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000555.D

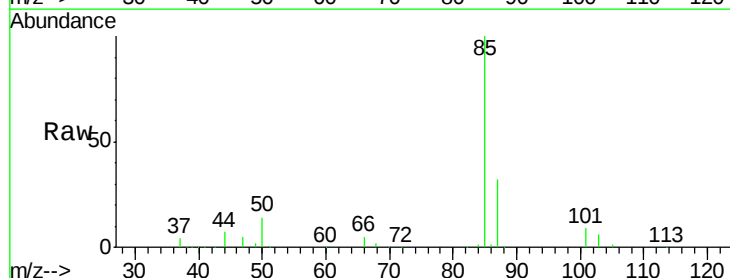
Acq: 30 Mar 2018 10:15

Tgt Ion: 85 Resp: 52306

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

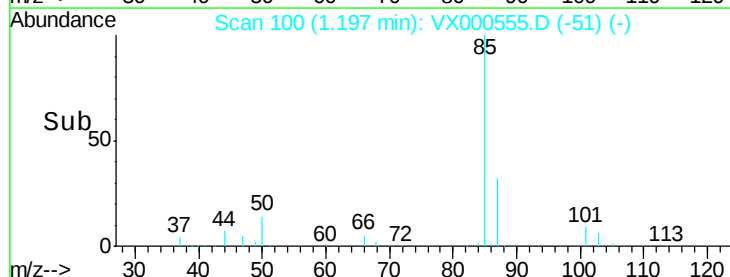
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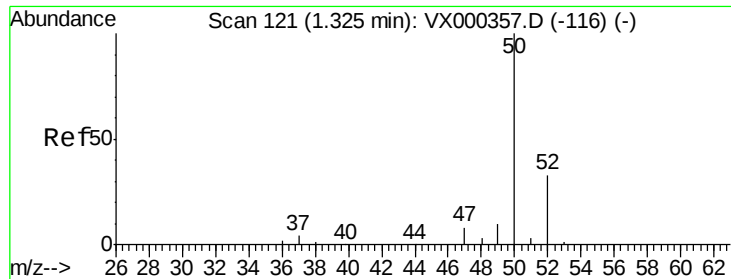
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

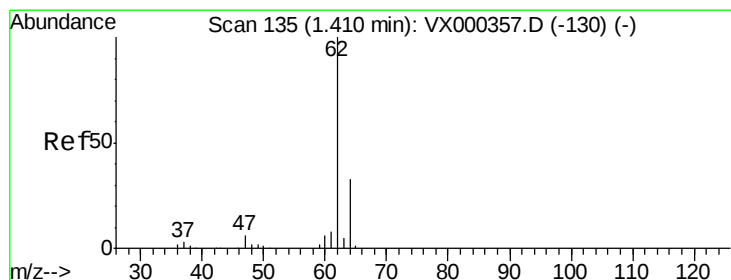
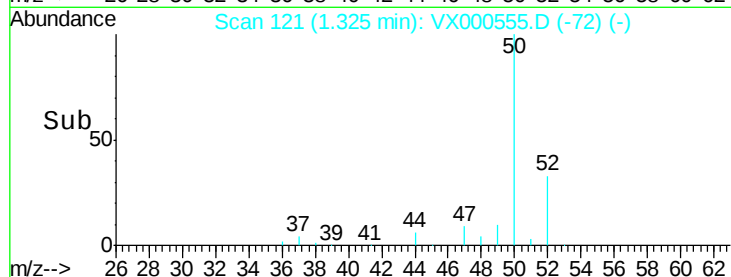
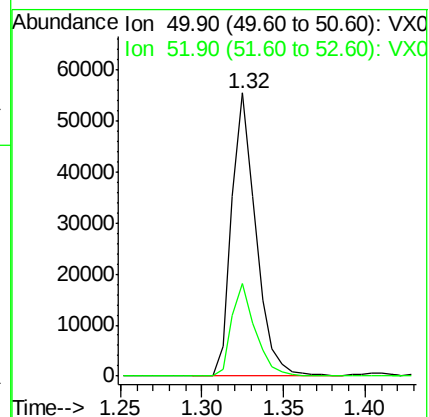
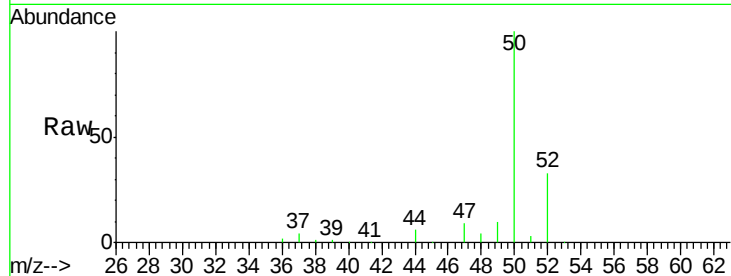
VSTDCCC050EC

Tot Ion: 50 Resp: 57432

Ion Ratio Lower Upper

50 100

52 32.8 27.5 41.3



#4

Vinyl Chloride

Concen: 50.18 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000555.D

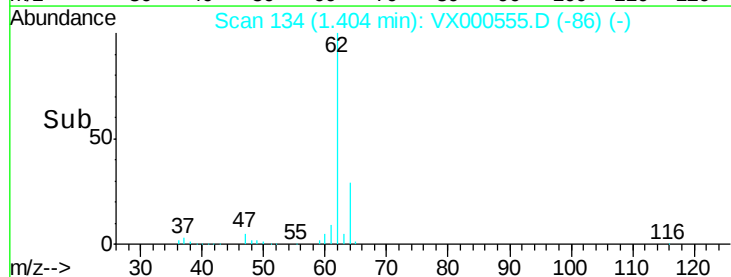
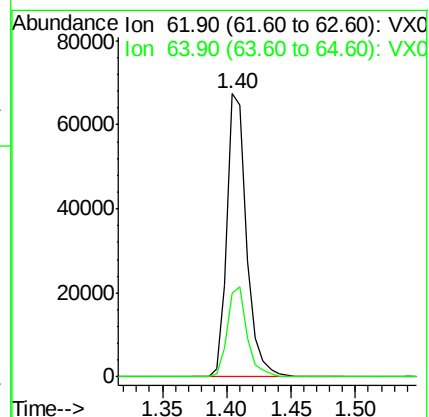
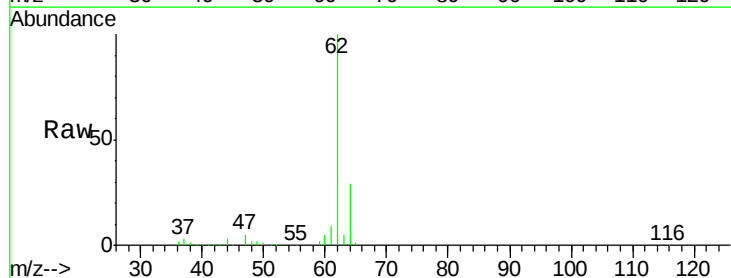
Acq: 30 Mar 2018 10:15

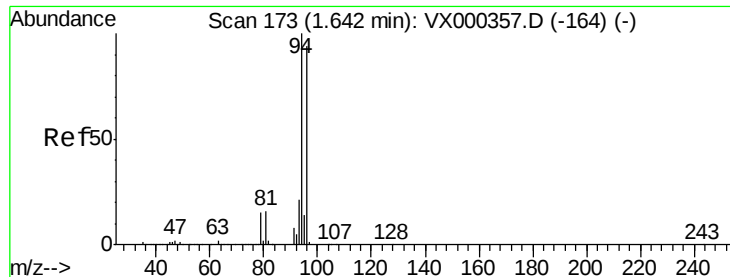
Tgt Ion: 62 Resp: 72941

Ion Ratio Lower Upper

62 100

64 29.5 24.8 37.2





#5

Bromomethane

Concen: 75.65 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

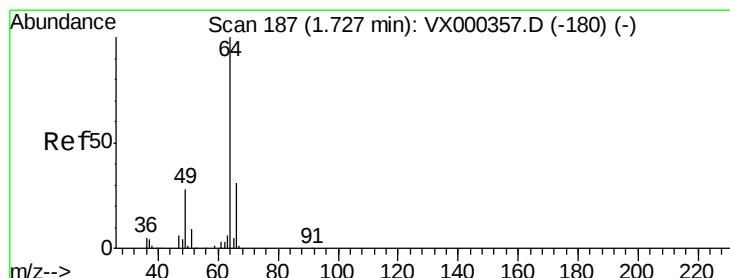
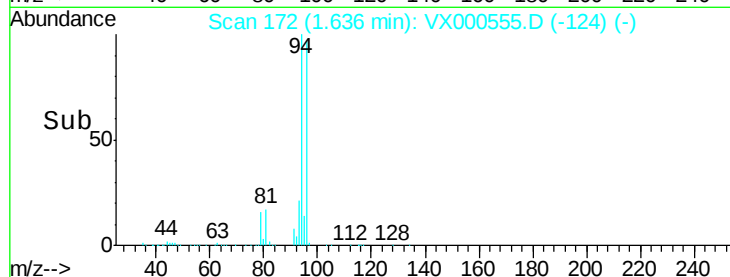
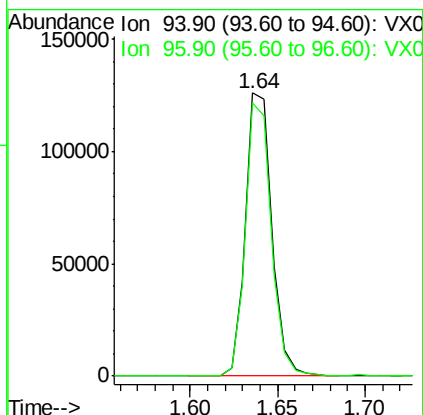
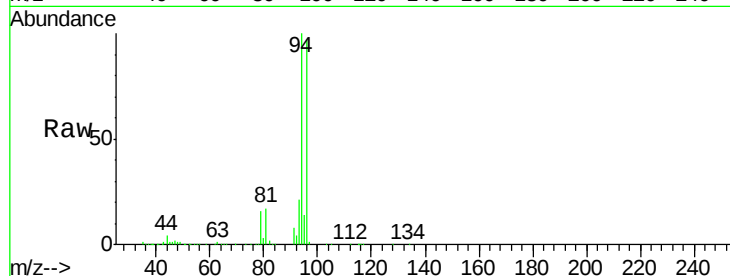
VSTDCCC050EC

Tot Ion: 94 Resp: 131704

Ion Ratio Lower Upper

94 100

96 96.7 77.7 116.5



#6

Chloroethane

Concen: 62.73 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000555.D

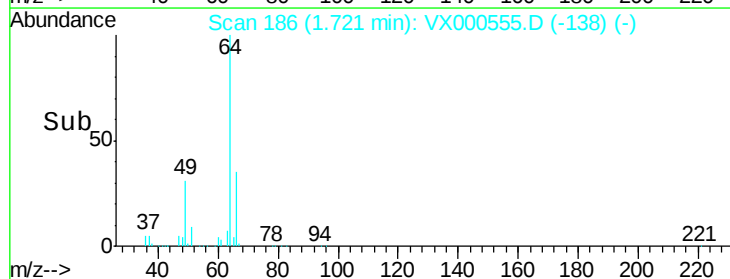
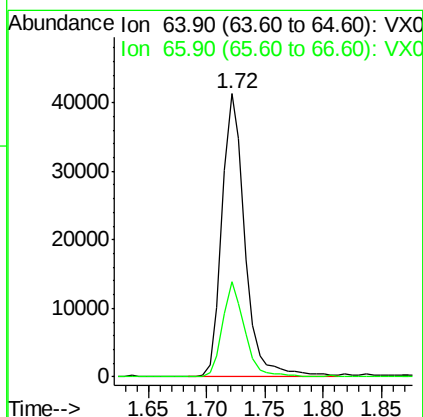
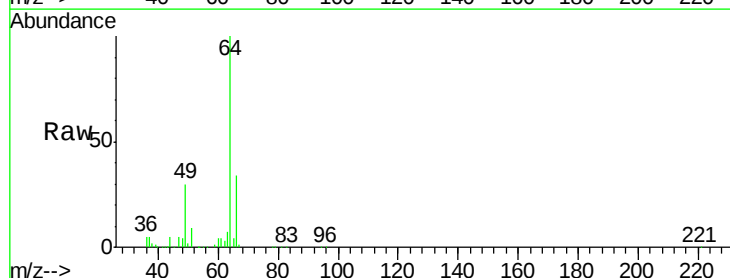
Acq: 30 Mar 2018 10:15

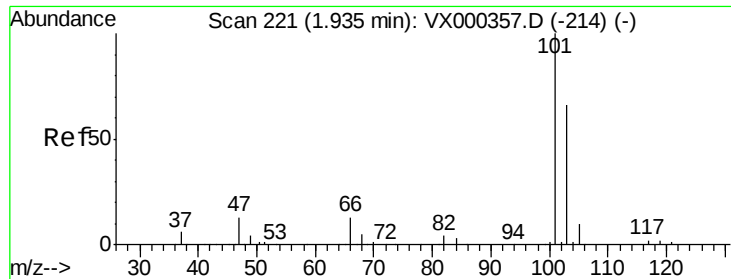
Tgt Ion: 64 Resp: 56114

Ion Ratio Lower Upper

64 100

66 33.6 24.8 37.2





#7

Trichlorofluoromethane

Concen: 54.07 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

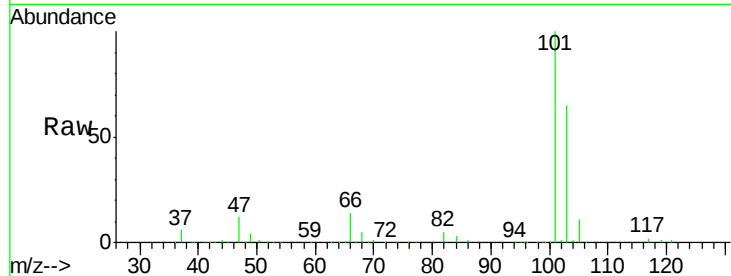
VSTDCCC050EC

Tot Ion:101 Resp: 141870

Ion Ratio Lower Upper

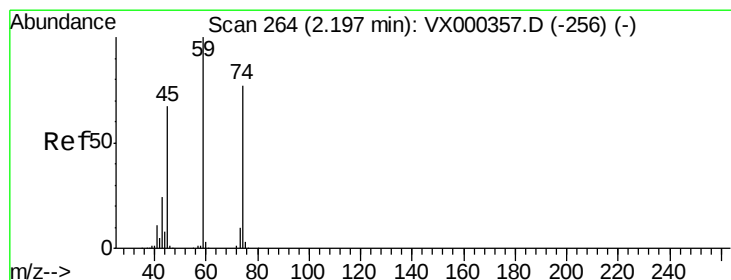
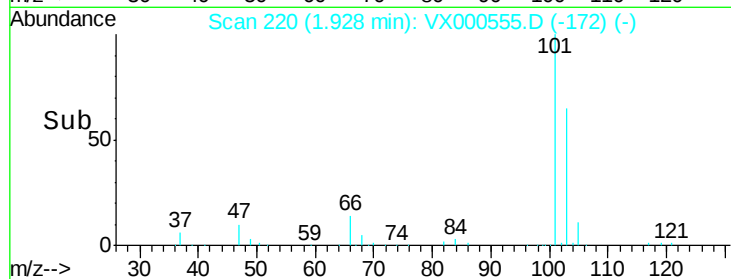
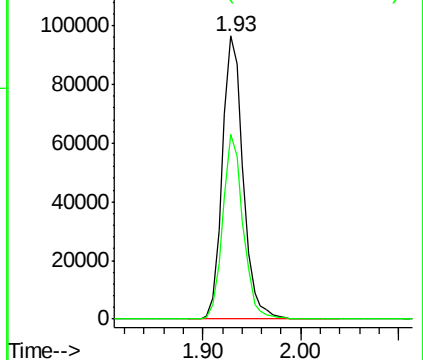
101 100

103 65.2 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 54.91 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000555.D

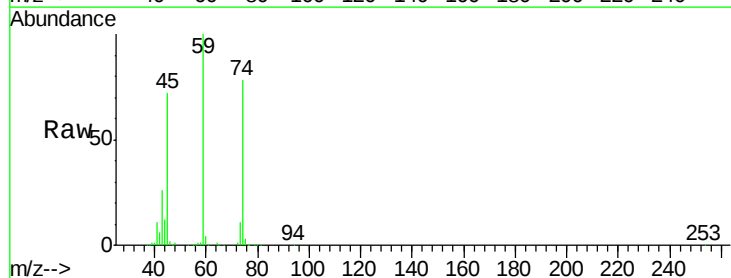
Acq: 30 Mar 2018 10:15

Tgt Ion: 74 Resp: 51487

Ion Ratio Lower Upper

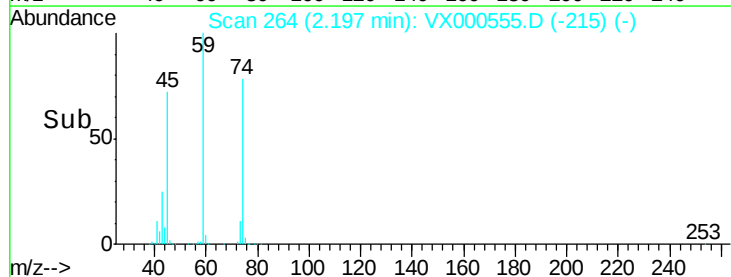
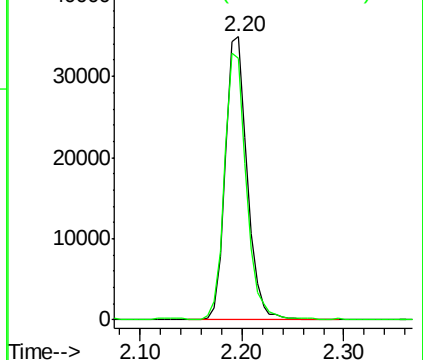
74 100

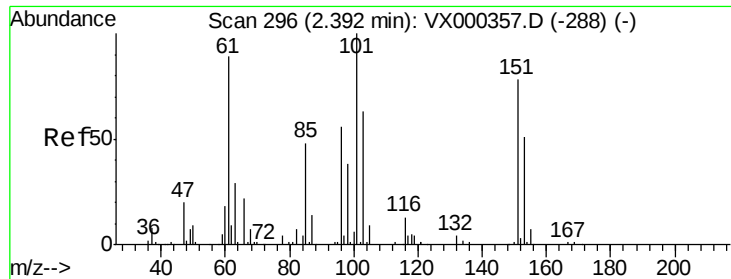
45 95.6 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.60 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

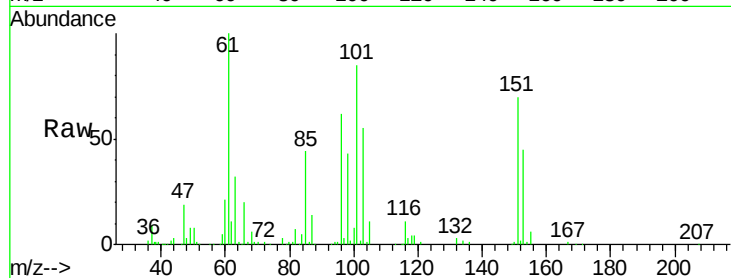
Tot Ion:101 Resp: 74030

Ion Ratio Lower Upper

101 100

85 50.1 37.6 56.4

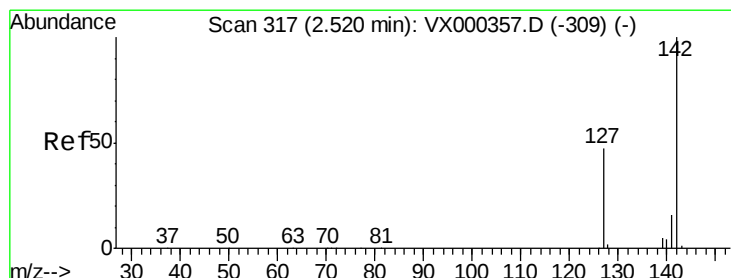
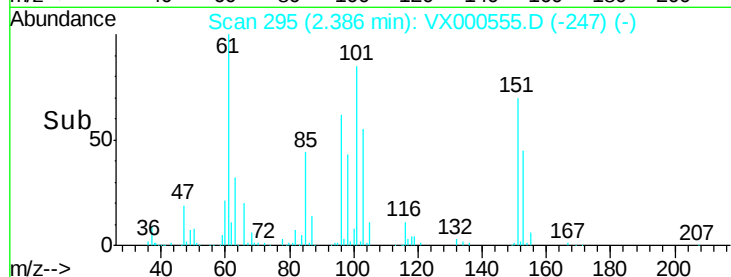
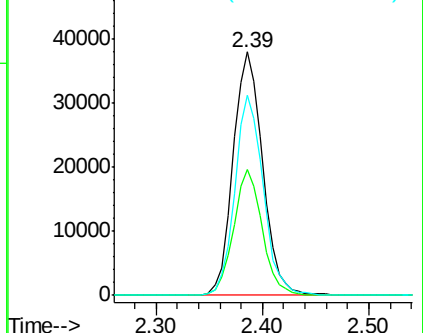
151 79.4 62.6 93.8



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: 29.27 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

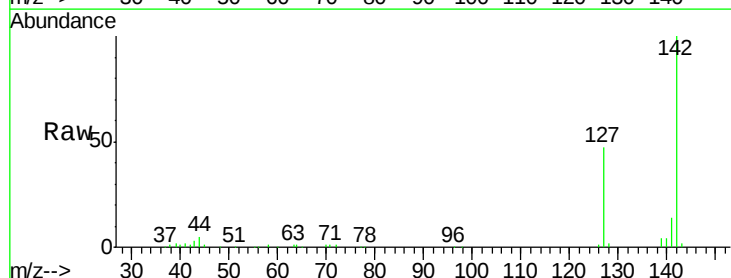
Tgt Ion:142 Resp: 39618

Ion Ratio Lower Upper

142 100

127 50.6 39.2 58.8

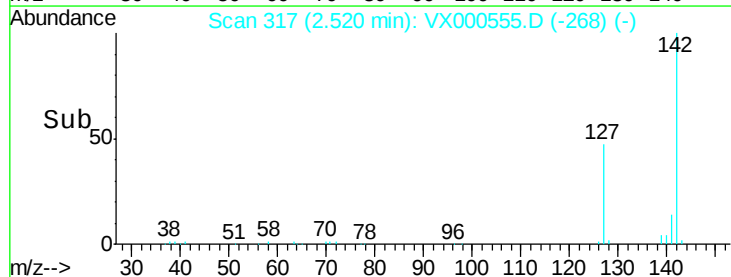
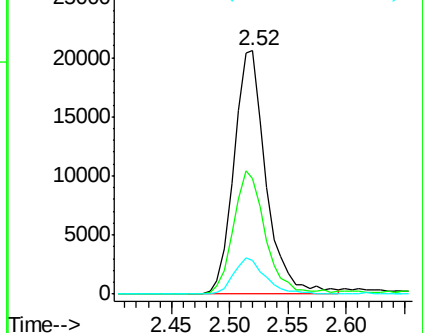
141 14.5 11.7 17.5

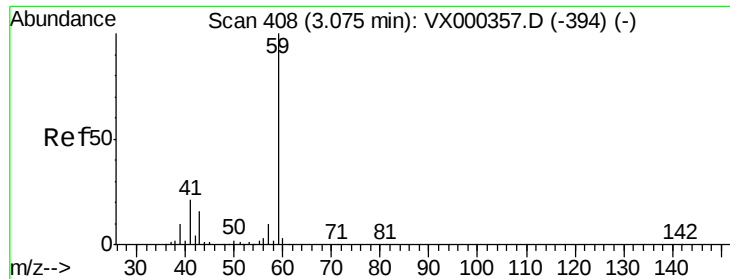


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

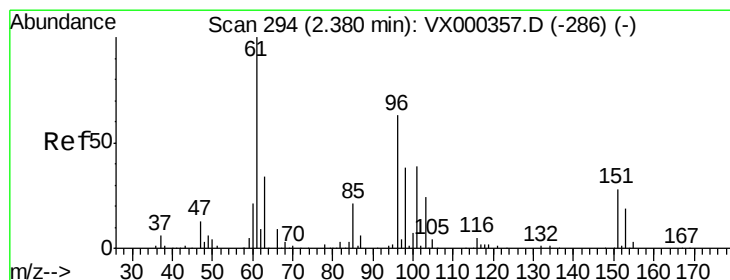
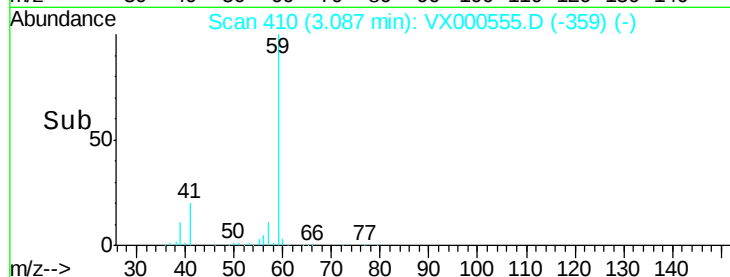
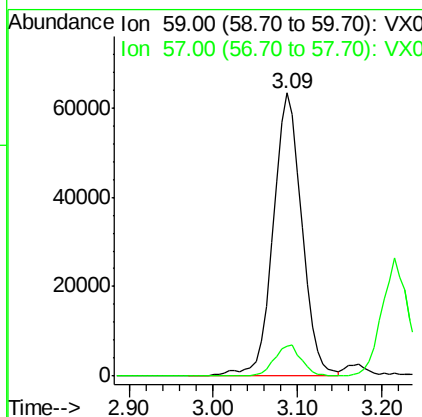
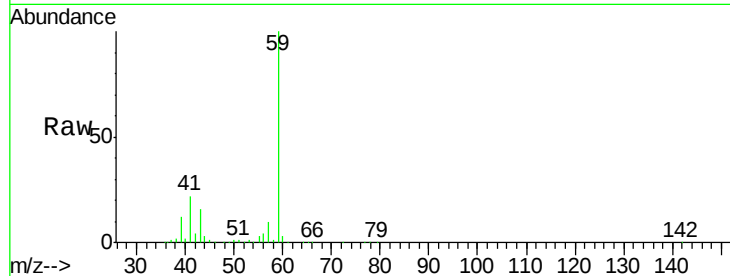




#11
Tert butyl alcohol
Concen: 281.63 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

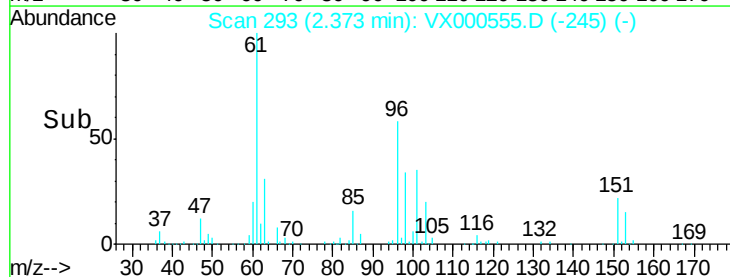
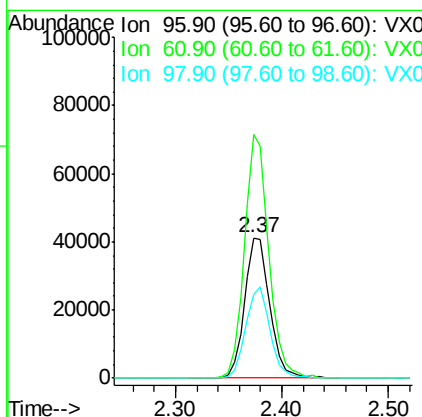
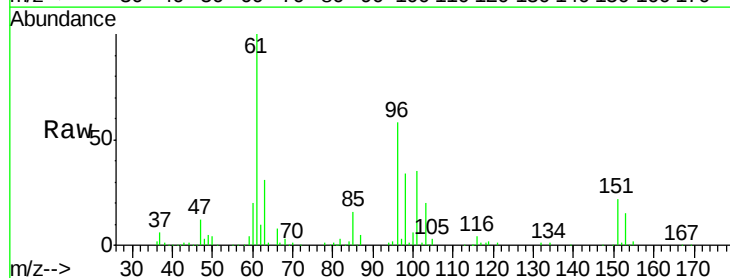
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

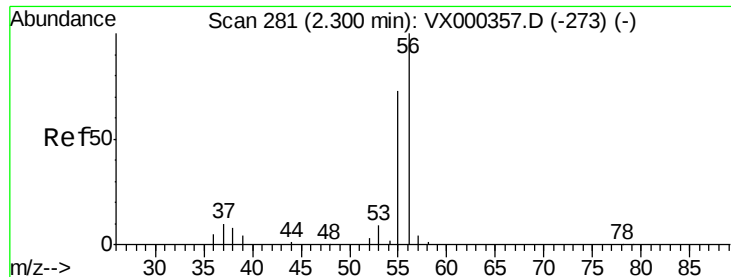
Tot Ion: 59 Resp: 149834
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 53.15 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 96 Resp: 68263
Ion Ratio Lower Upper
96 100
61 173.4 131.2 196.8
98 59.7 49.8 74.8





#13

Acrolein

Concen: 223.67 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

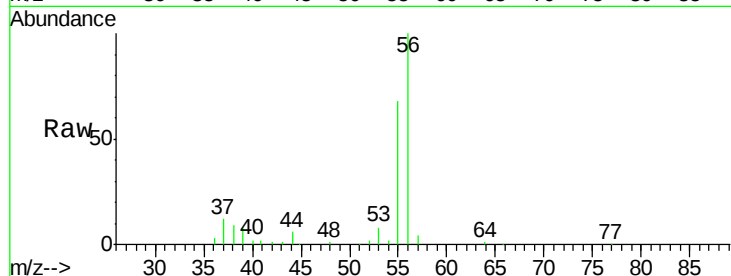
VSTDCCC050EC

Tot Ion: 56 Resp: 37718

Ion Ratio Lower Upper

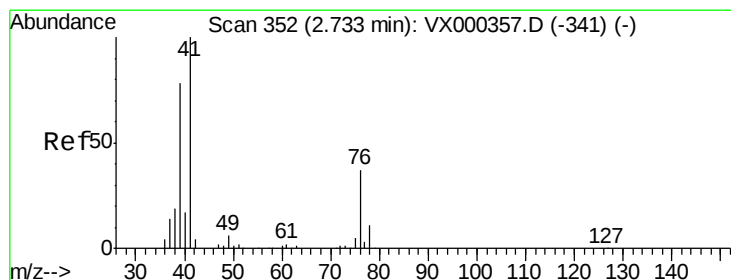
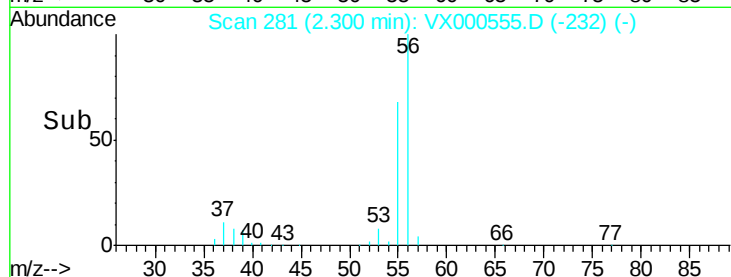
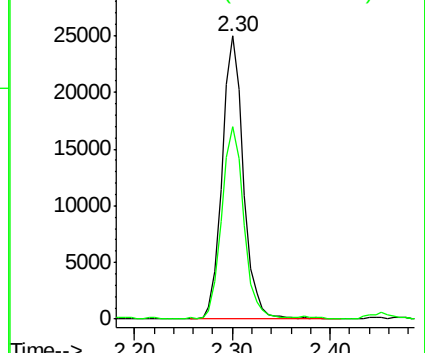
56 100

55 70.3 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.42 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

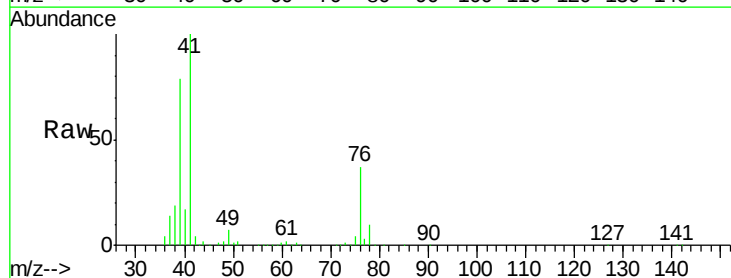
Tgt Ion: 41 Resp: 123426

Ion Ratio Lower Upper

41 100

39 72.6 57.6 86.4

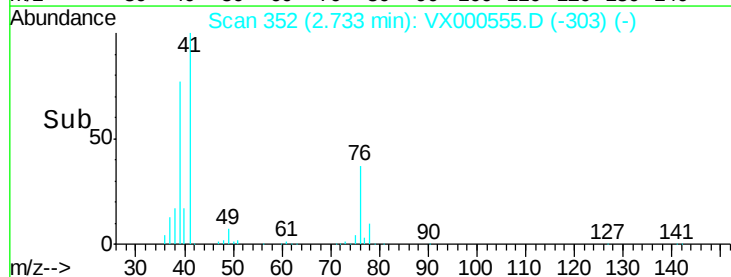
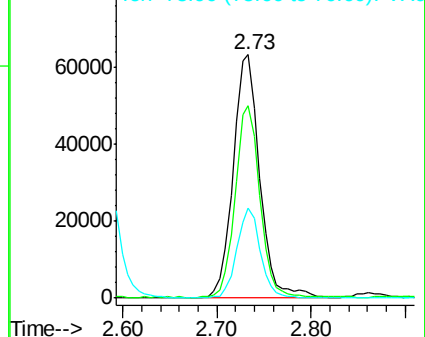
76 33.0 27.3 40.9

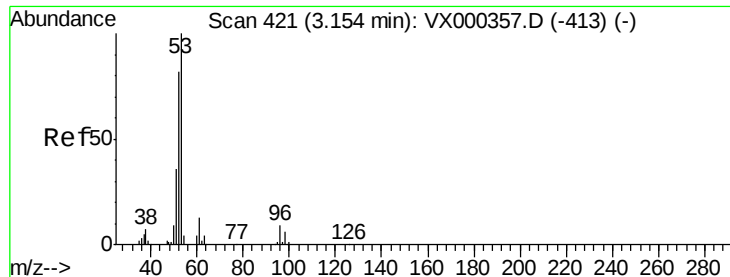


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 279.22 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

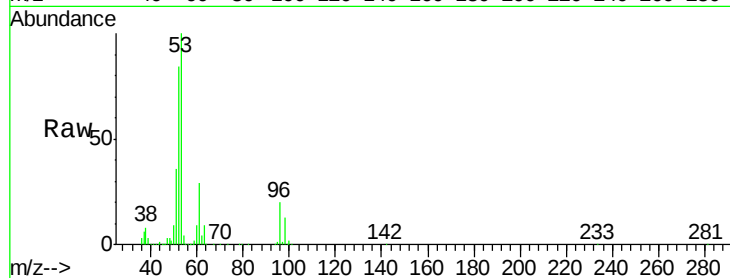
Tot Ion: 53 Resp: 300868

Ion Ratio Lower Upper

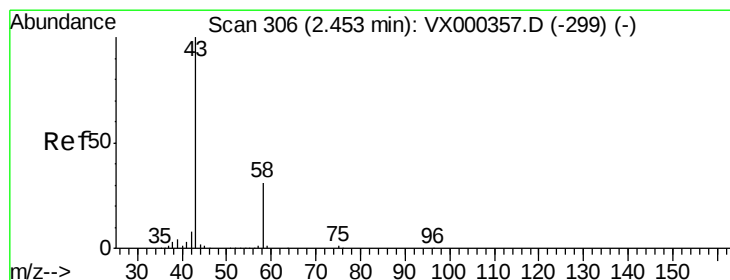
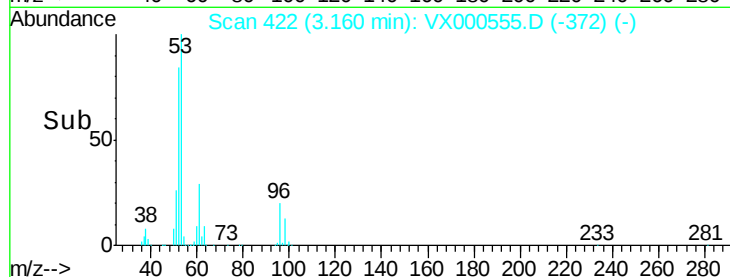
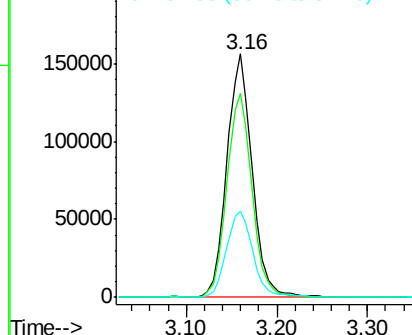
53 100

52 83.8 66.6 99.8

51 37.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 213.50 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000555.D

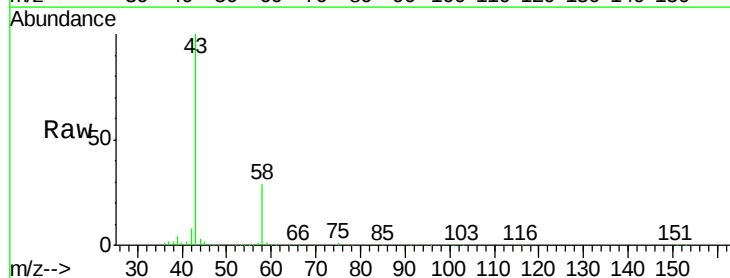
Acq: 30 Mar 2018 10:15

Tgt Ion: 43 Resp: 274696

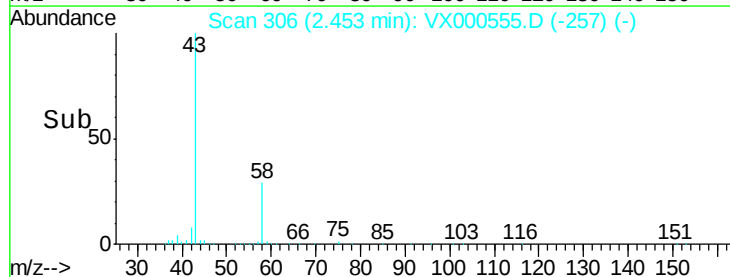
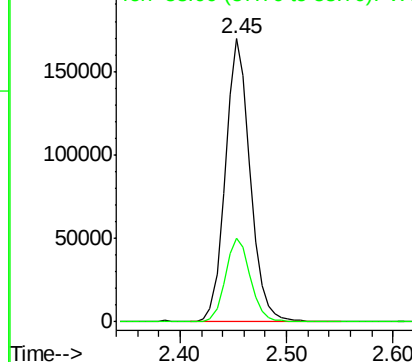
Ion Ratio Lower Upper

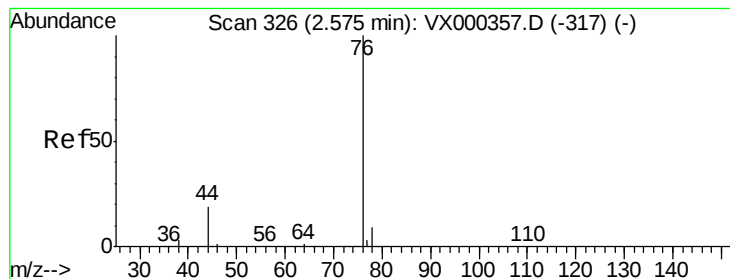
43 100

58 29.5 24.7 37.1



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





#17

Carbon Disulfide

Concen: 48.59 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

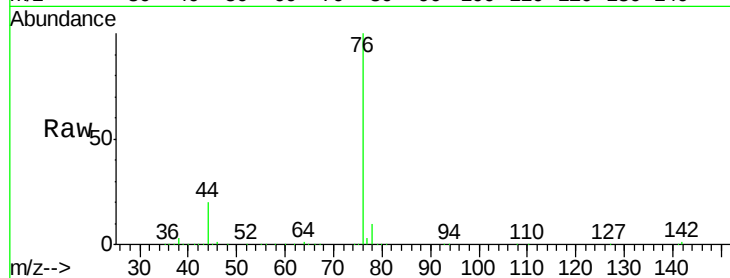
VSTDCCC050EC

Tot Ion: 76 Resp: 166003

Ion Ratio Lower Upper

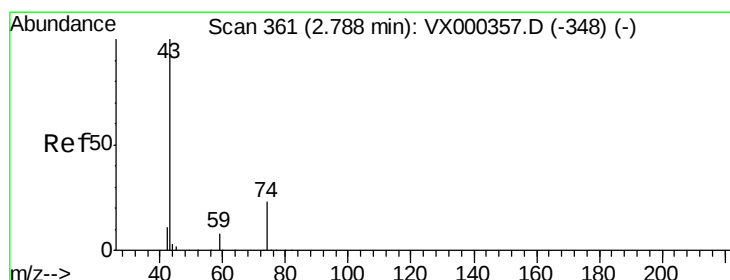
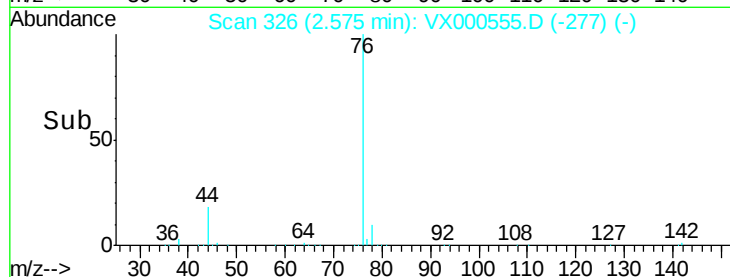
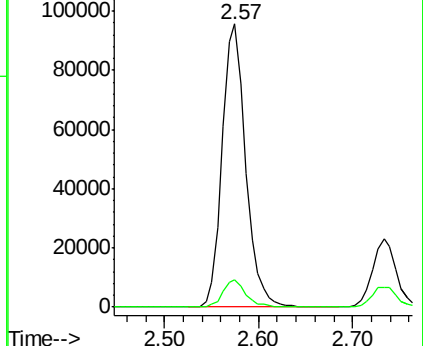
76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.15 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000555.D

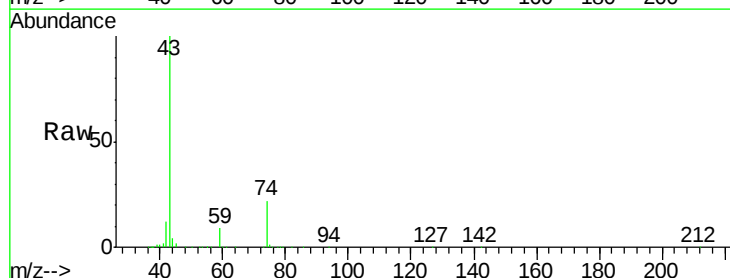
Acq: 30 Mar 2018 10:15

Tgt Ion: 43 Resp: 156849

Ion Ratio Lower Upper

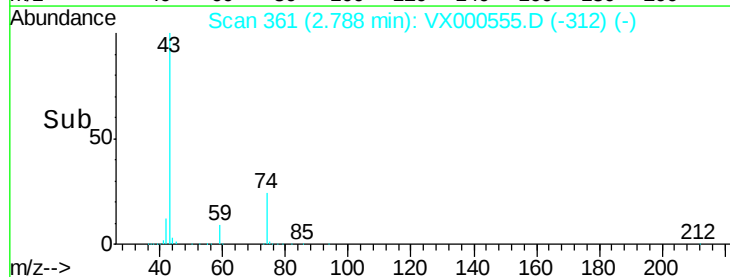
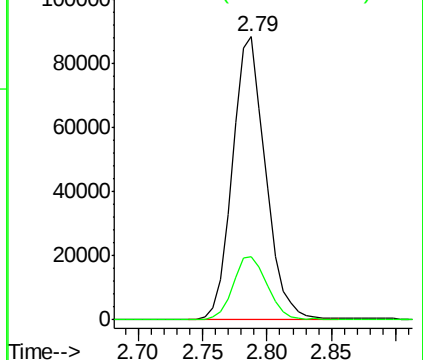
43 100

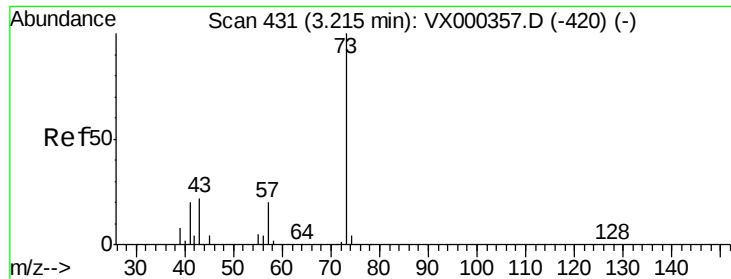
74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

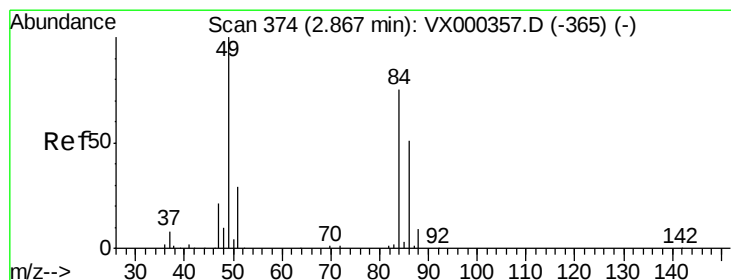
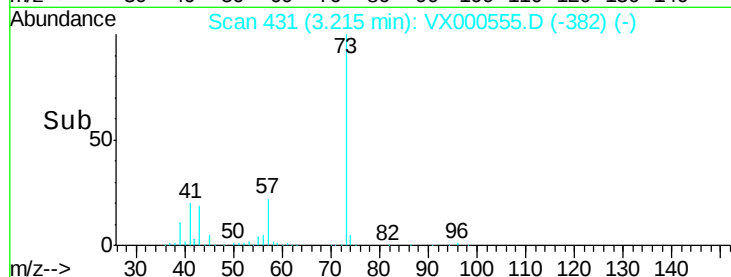
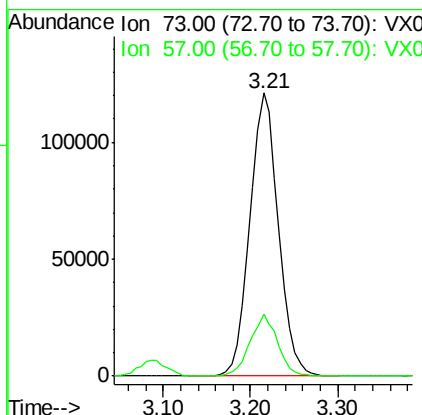
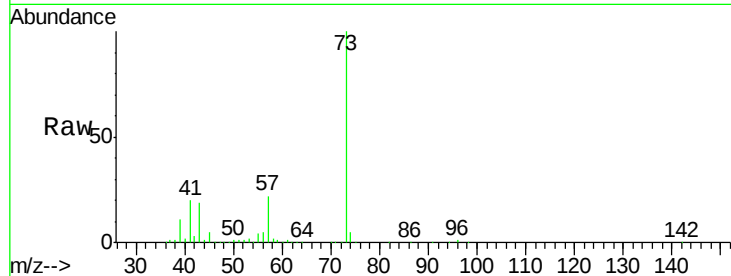




#19
Methvl tert-butvl Ether
Concen: 57.72 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

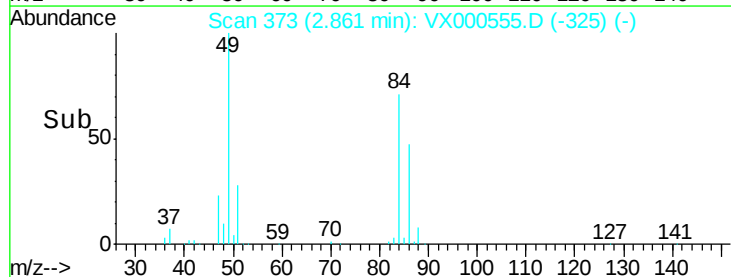
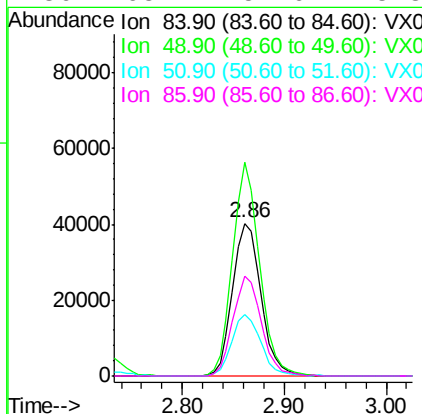
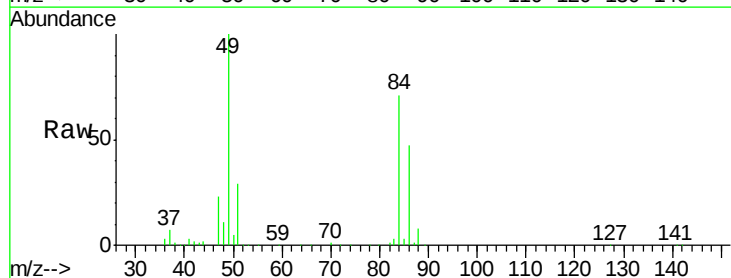
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

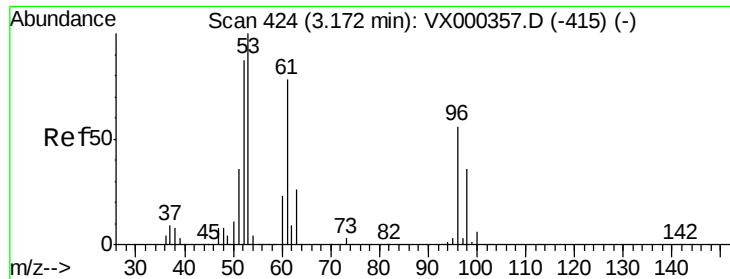
Tot Ion: 73 Resp: 274167
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 52.20 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 84 Resp: 77581
Ion Ratio Lower Upper
84 100
49 139.8 100.6 151.0
51 40.1 31.6 47.4
86 65.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 54.56 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

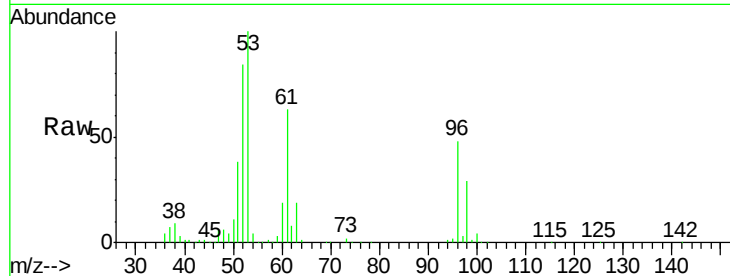
Tot Ion: 96 Resp: 78166

Ion Ratio Lower Upper

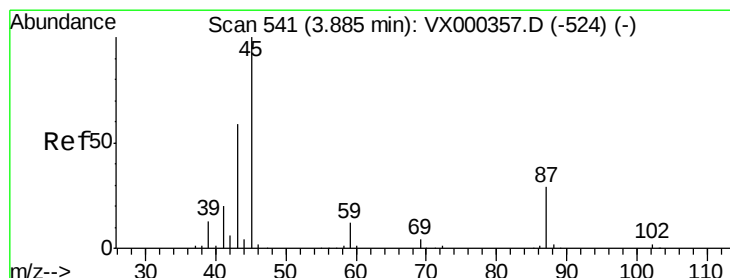
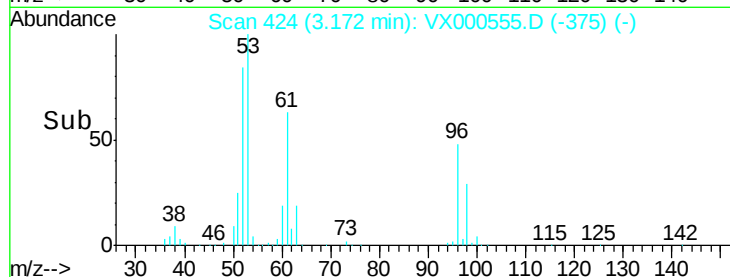
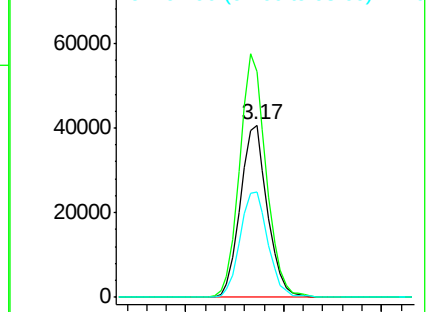
96 100

61 130.9 104.0 156.0

98 61.3 52.1 78.1



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: 46.14 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Tgt Ion: 45 Resp: 185246

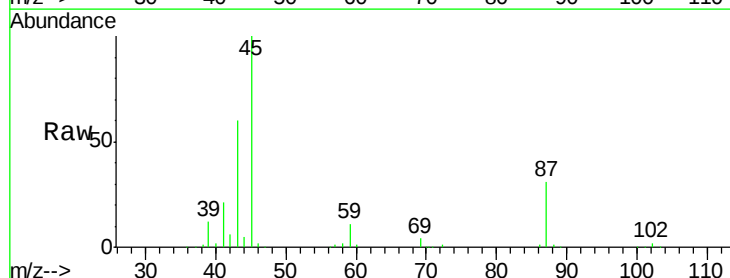
Ion Ratio Lower Upper

45 100

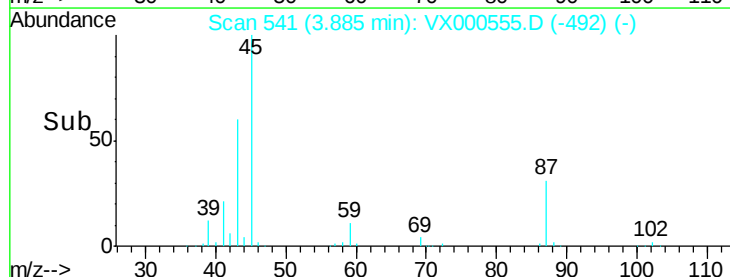
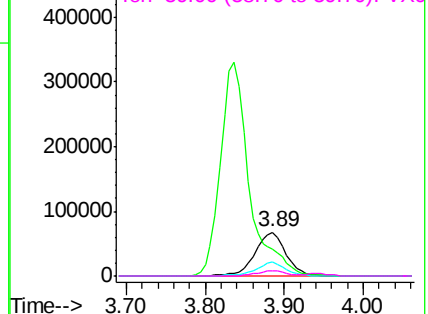
43 59.4 53.9 80.9

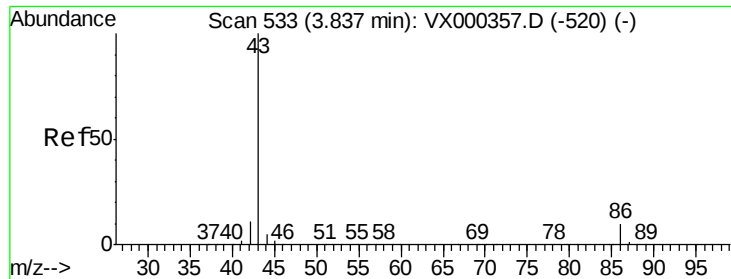
87 30.7 22.6 34.0

59 11.2 9.5 14.3



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: 222.14 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

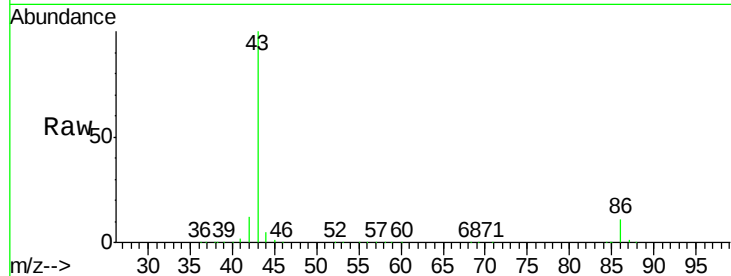
VSTDCCC050EC

Tot Ion: 43 Resp: 845457

Ion Ratio Lower Upper

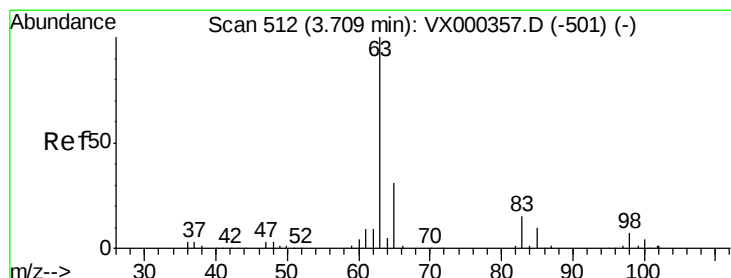
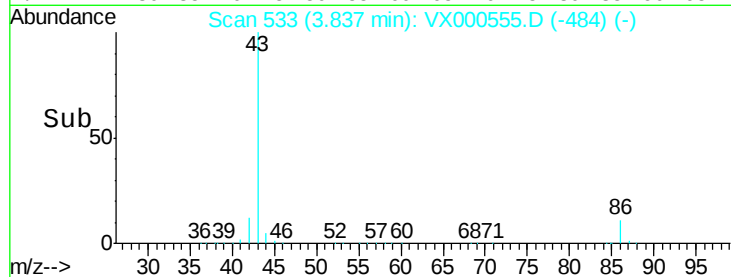
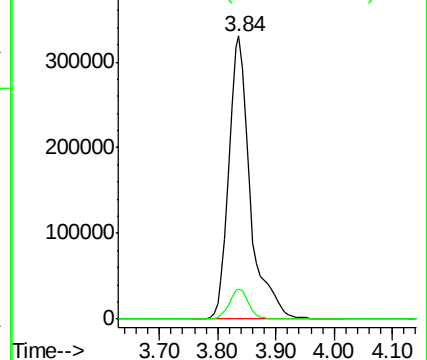
43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.03 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

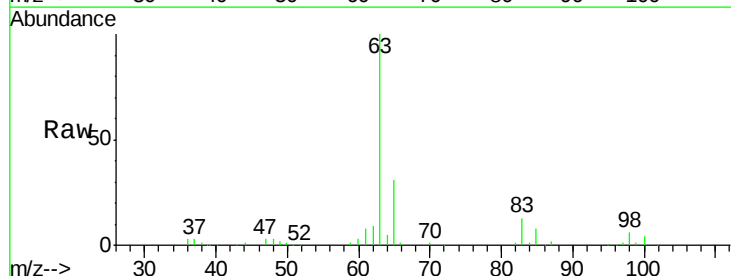
Tgt Ion: 63 Resp: 108604

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

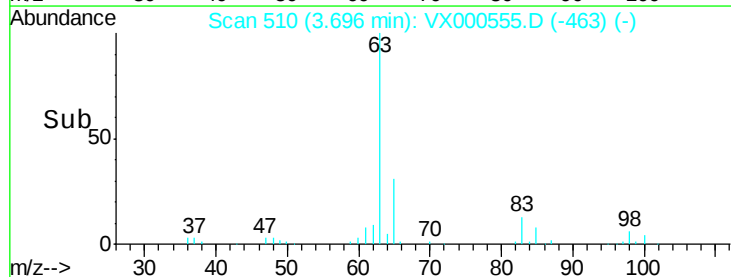
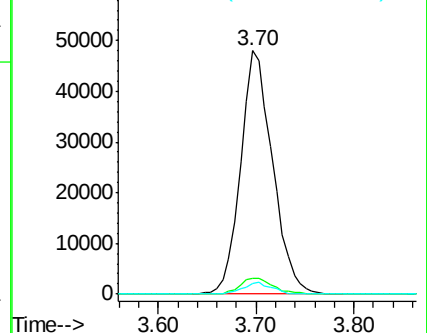
100 4.4 2.0 5.8

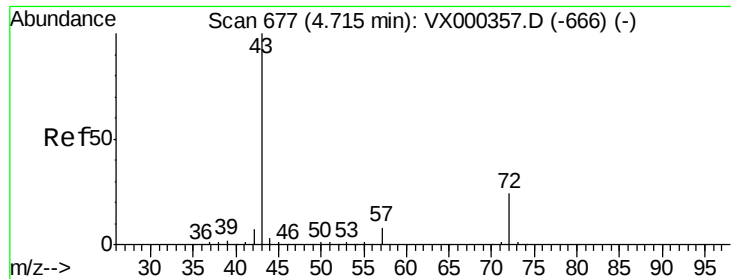


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 226.86 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

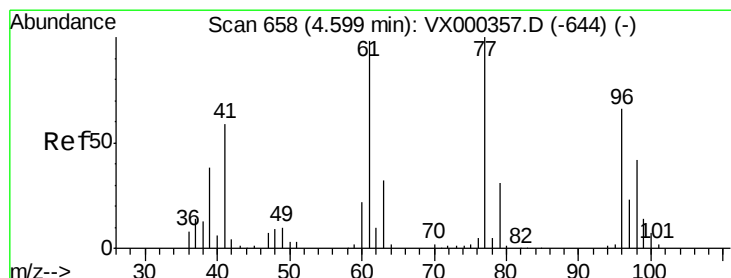
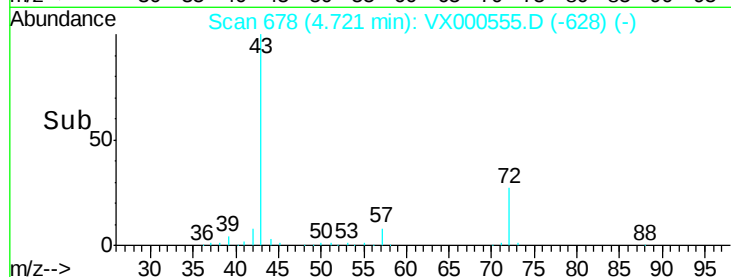
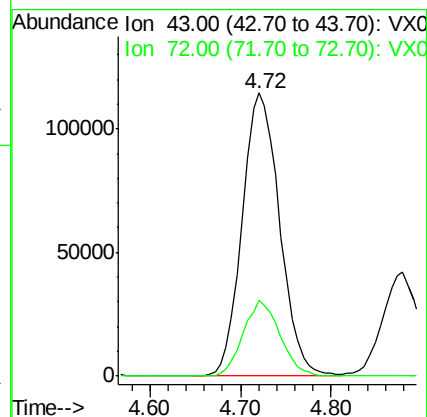
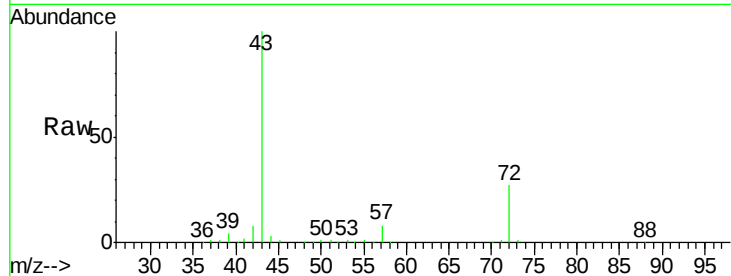
VSTDCCC050EC

Tot Ion: 43 Resp: 328092

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 34.99 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000555.D

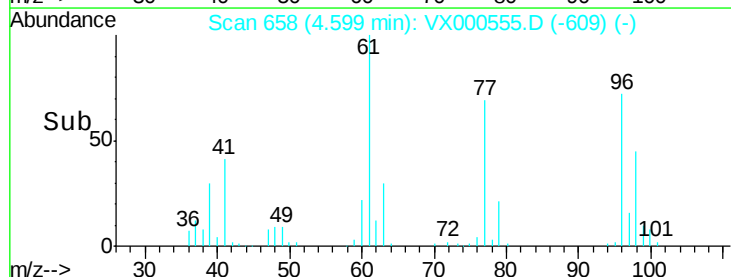
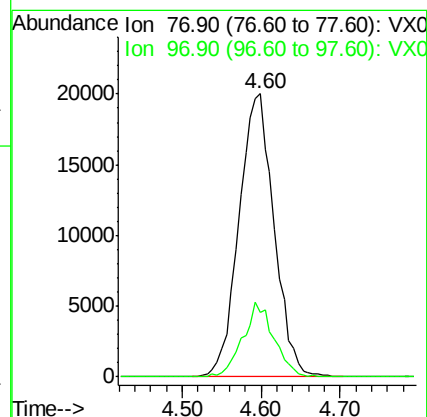
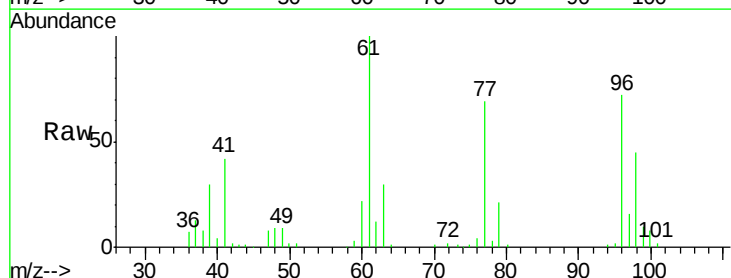
Acq: 30 Mar 2018 10:15

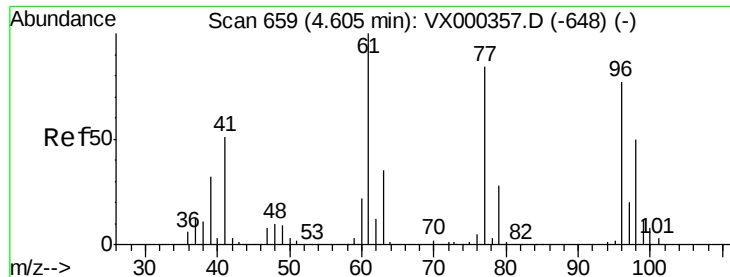
Tgt Ion: 77 Resp: 61909

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8



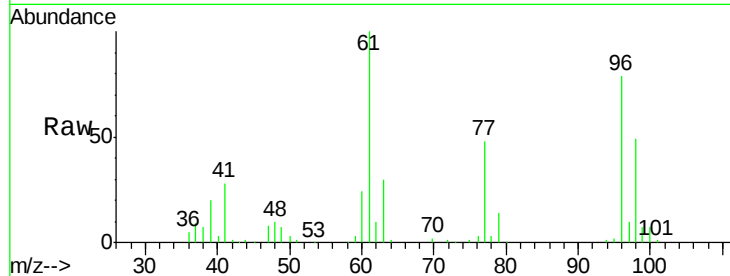


#27

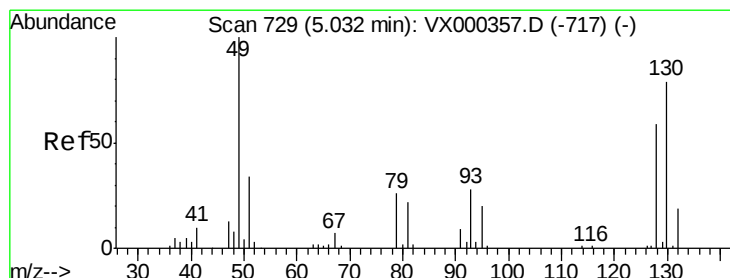
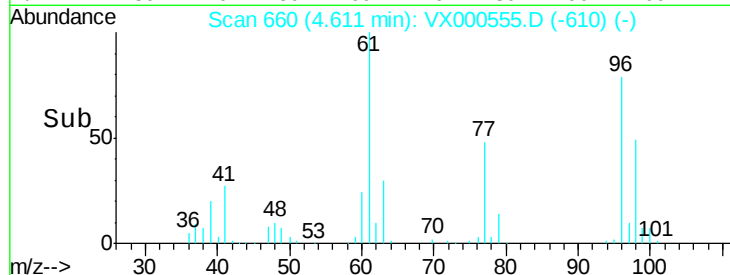
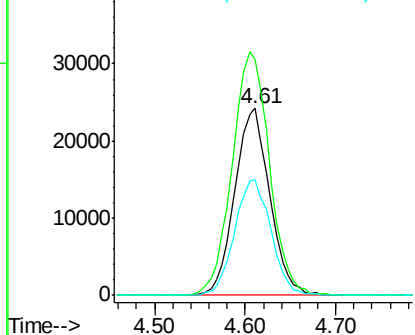
cis-1,2-Dichloroethene
Concen: 48.50 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 64938
Ion Ratio Lower Upper
96 100
61 138.9 0.0 291.6
98 64.3 0.0 132.0



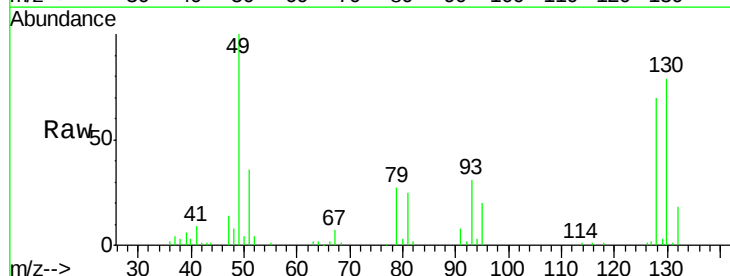
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



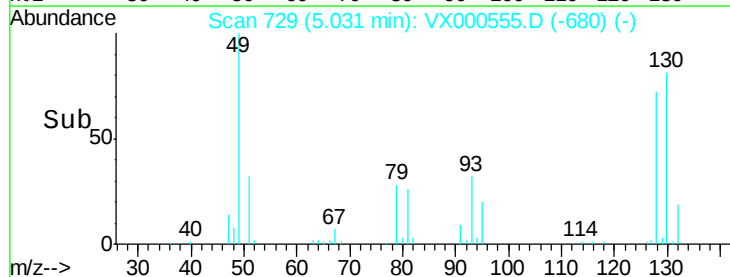
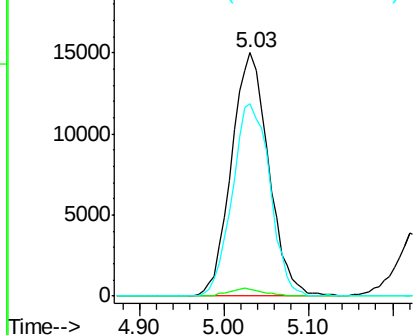
#28

Bromochloromethane
Concen: 43.27 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 49 Resp: 45037
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.0
130 79.6 64.0 96.0



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

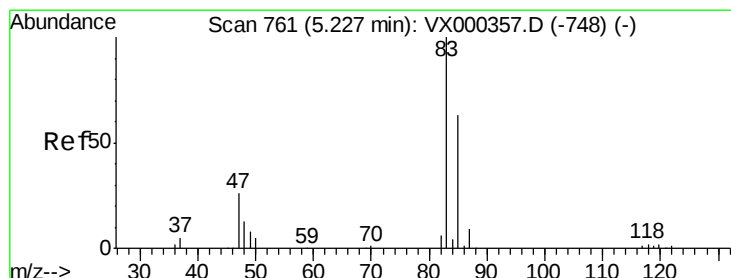
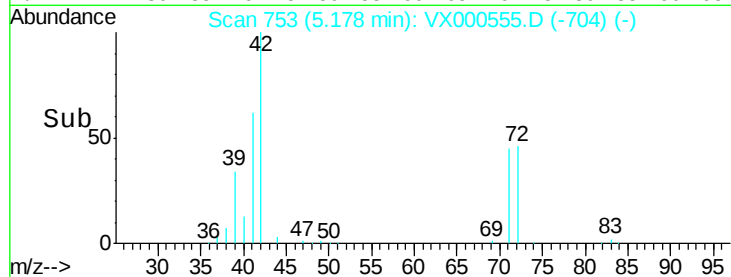
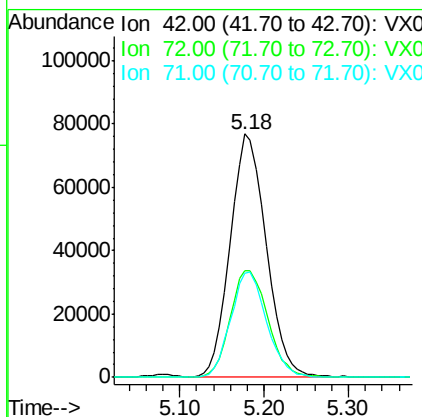
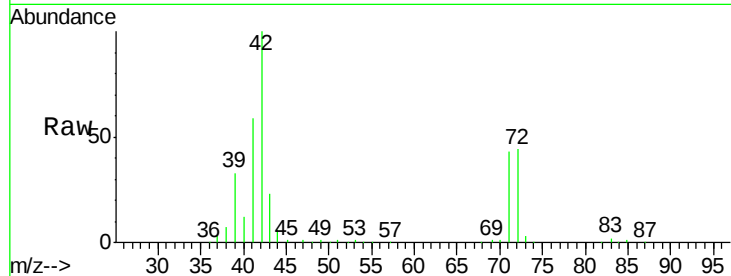




#29
Tetrahydrofuran
Concen: 249.88 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

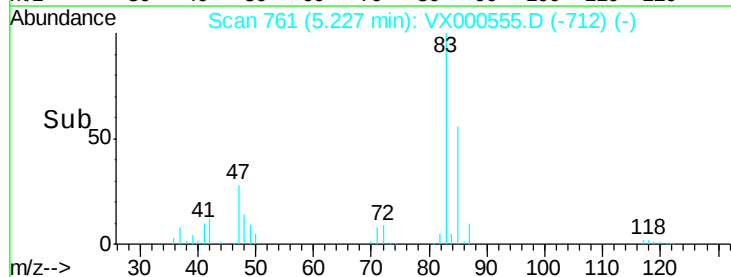
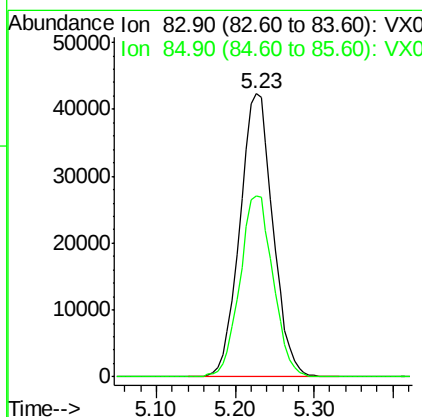
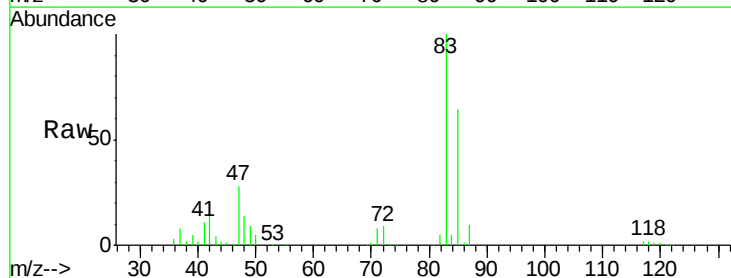
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

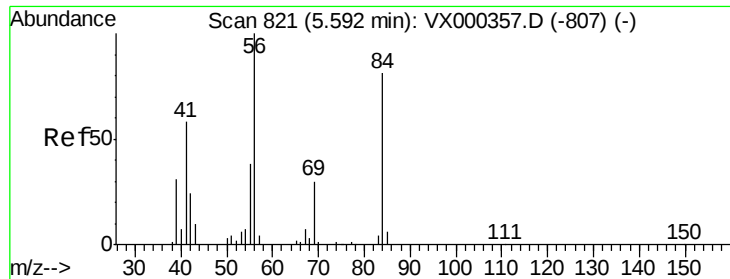
Tot Ion: 42 Resp: 222347
Ion Ratio Lower Upper
42 100
72 46.0 37.9 56.9
71 43.3 34.4 51.6



#30
Chloroform
Concen: 52.20 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 83 Resp: 123485
Ion Ratio Lower Upper
83 100
85 64.0 53.3 79.9

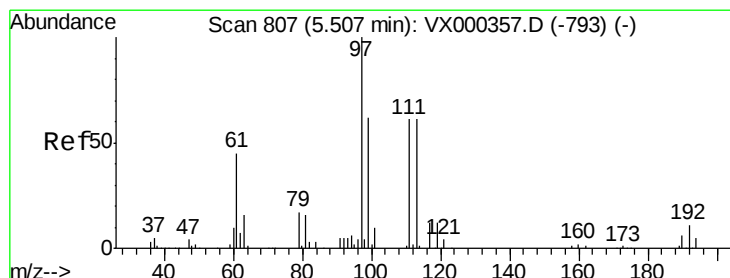
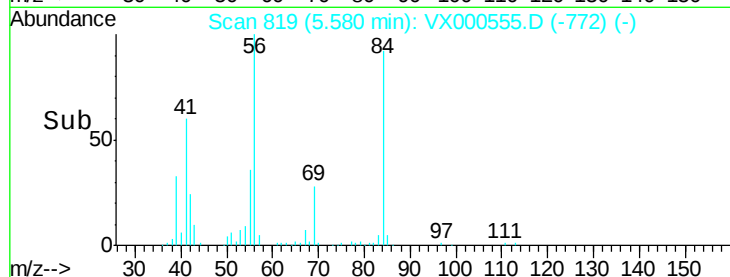
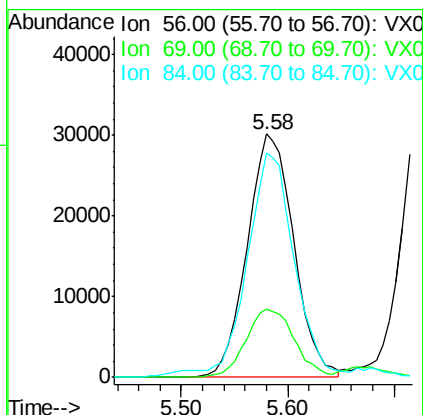
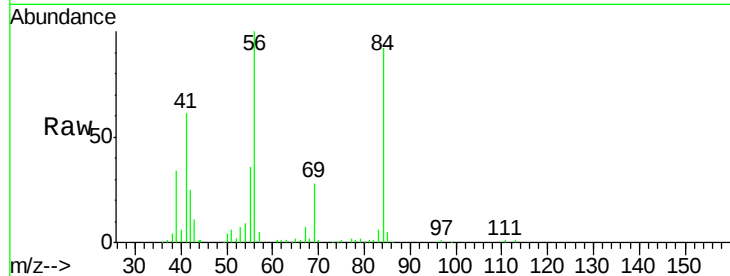




#31
Cyclohexane
Concen: 47.30 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

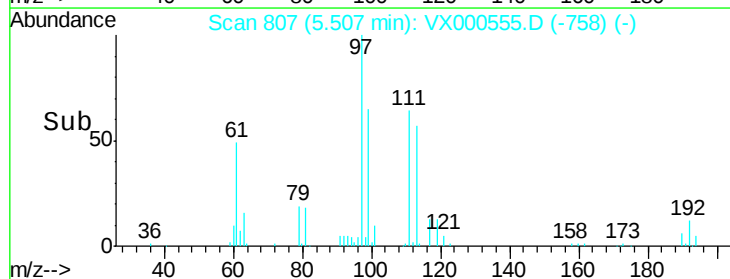
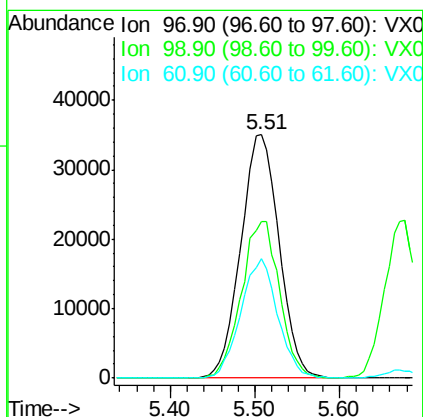
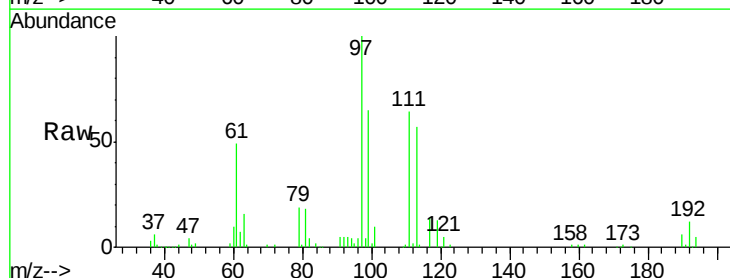
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

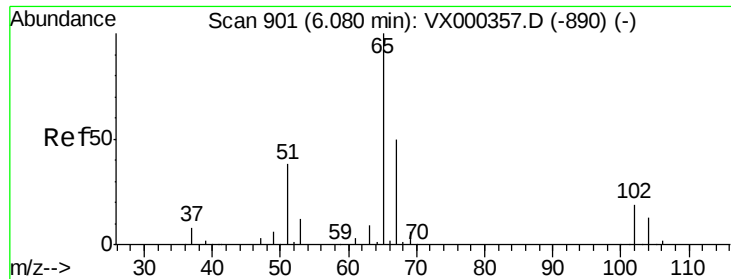
Tot Ion: 56 Resp: 92306
Ion Ratio Lower Upper
56 100
69 28.2 23.4 35.0
84 89.3 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 50.80 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 97 Resp: 108411
Ion Ratio Lower Upper
97 100
99 64.0 52.1 78.1
61 47.2 36.2 54.4

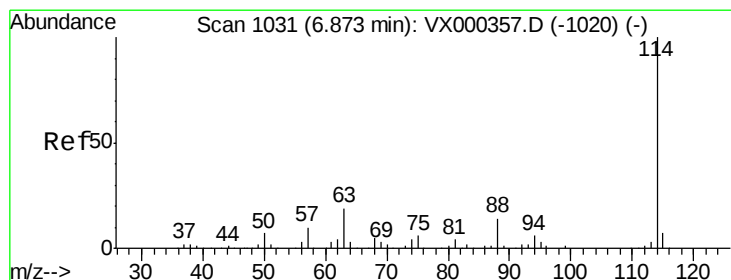
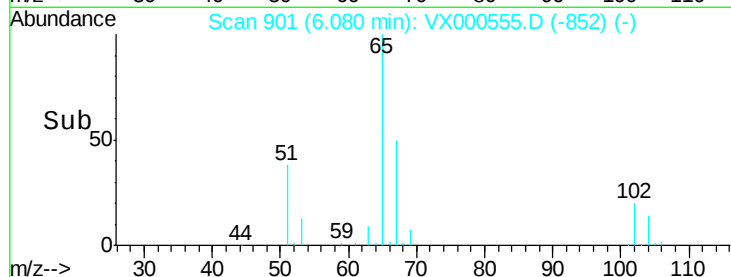
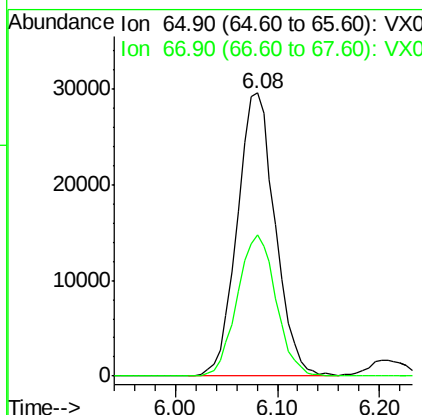
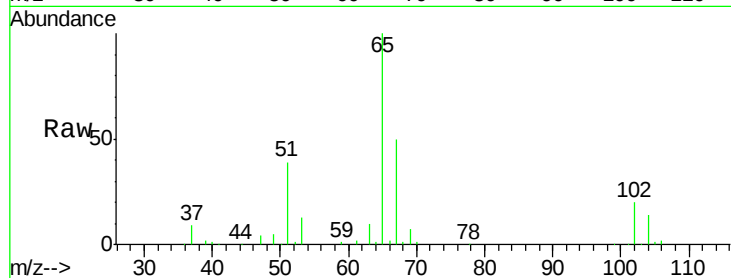




#33
 1,2-Dichloroethane-d4
 Concen: 49.41 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

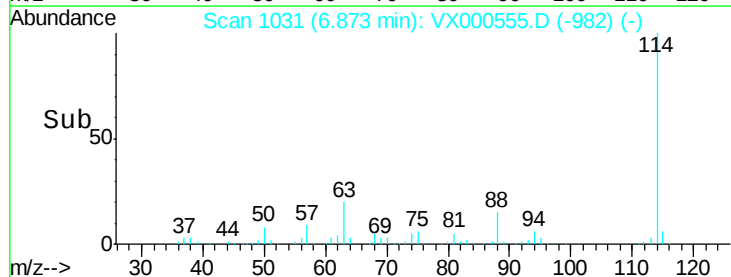
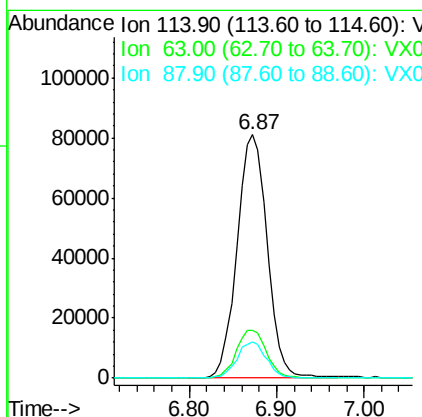
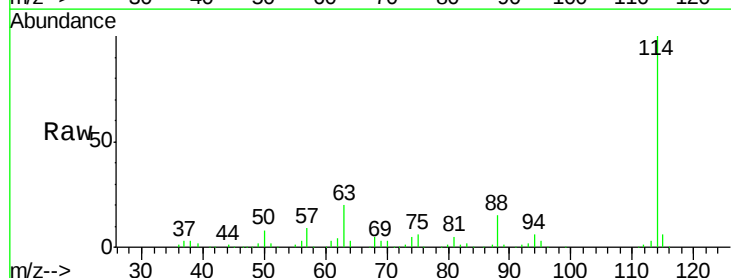
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

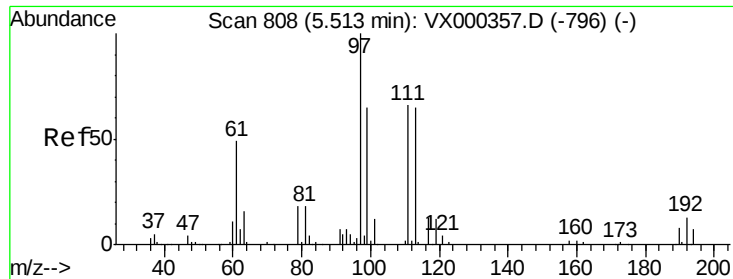
Tot Ion: 65 Resp: 76427
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion: 114 Resp: 194980
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.1 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.71 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

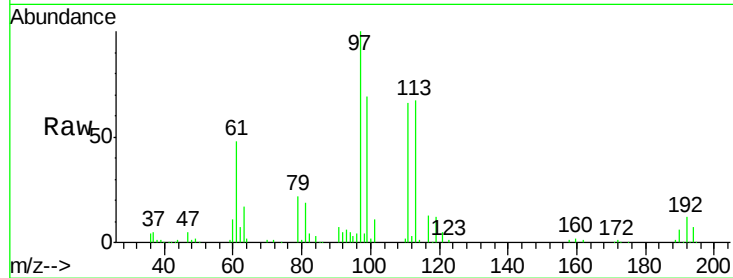
Tot Ion:113 Resp: 61076

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

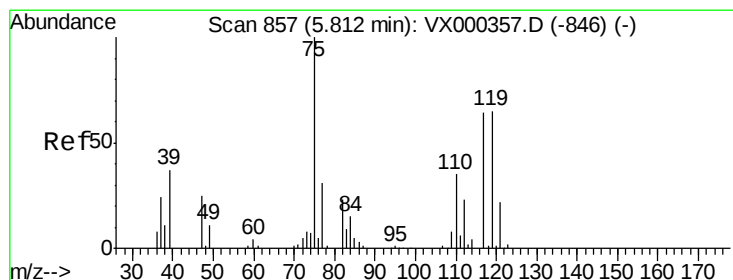
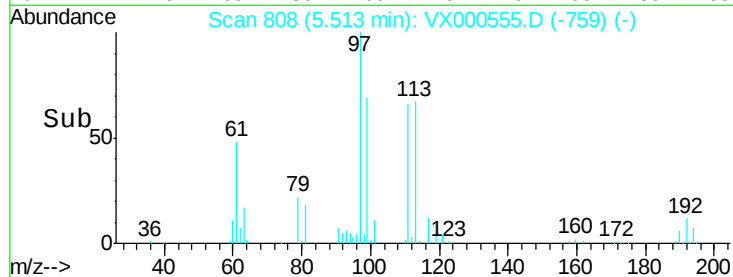
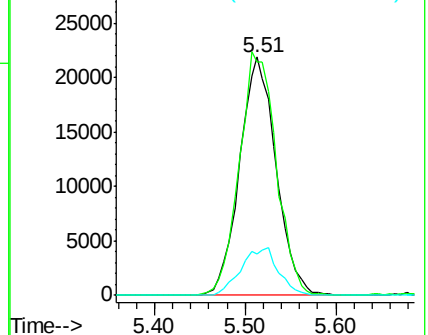
192 20.3 15.8 23.6



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: 47.64 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

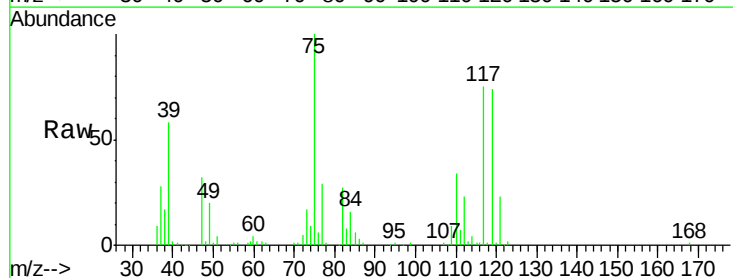
Tgt Ion: 75 Resp: 87008

Ion Ratio Lower Upper

75 100

110 35.6 17.9 53.7

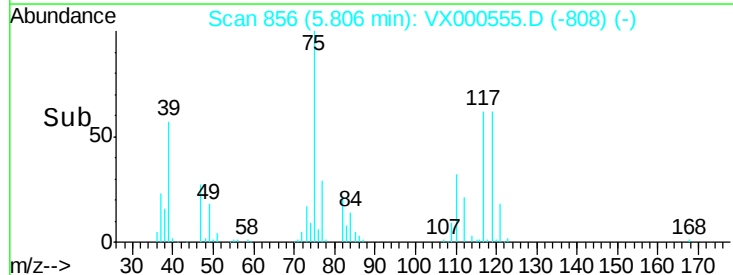
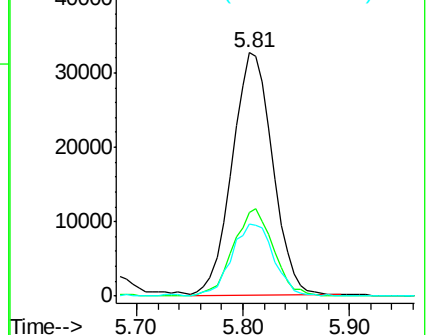
77 30.5 24.0 36.0

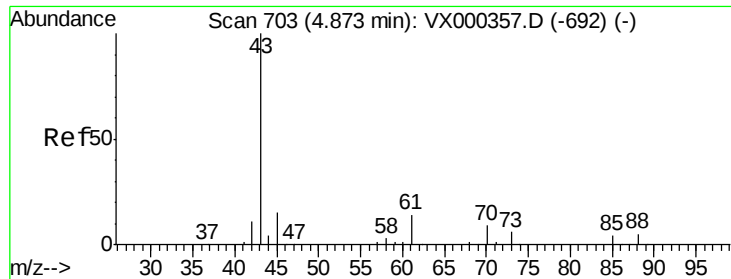


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

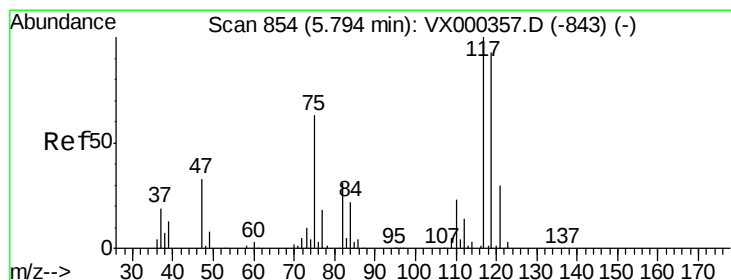
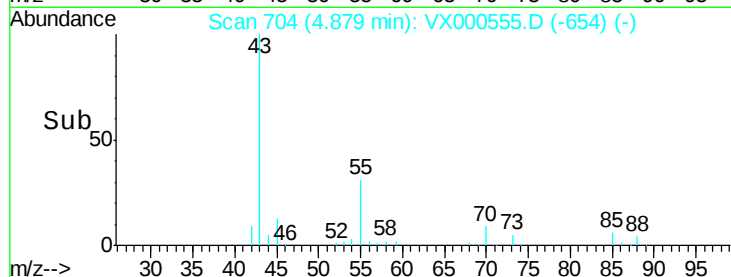
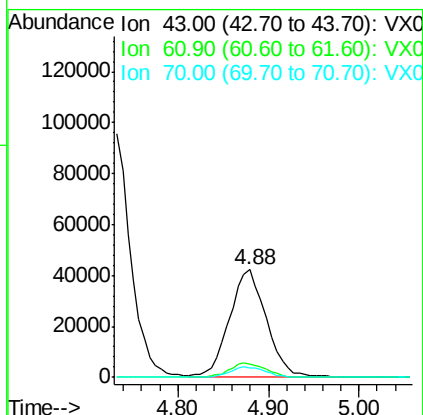
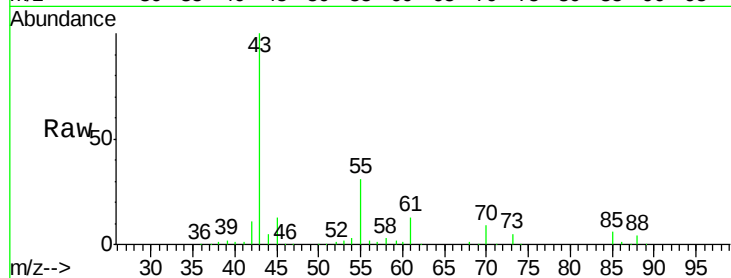




#37
Ethyl Acetate
Concen: 47.68 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

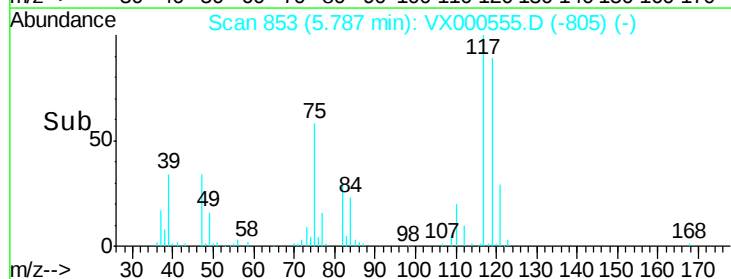
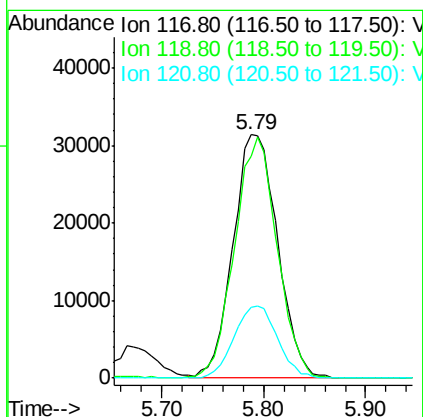
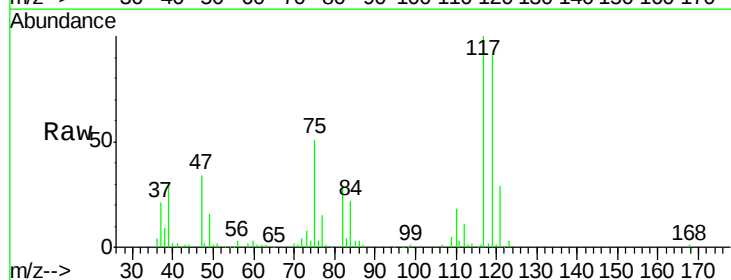
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

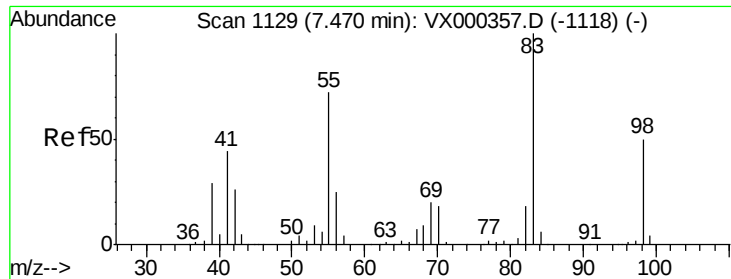
Tot Ion: 43 Resp: 118944
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.47 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 117 Resp: 94782
Ion Ratio Lower Upper
117 100
119 91.4 77.4 116.2
121 29.2 24.8 37.2

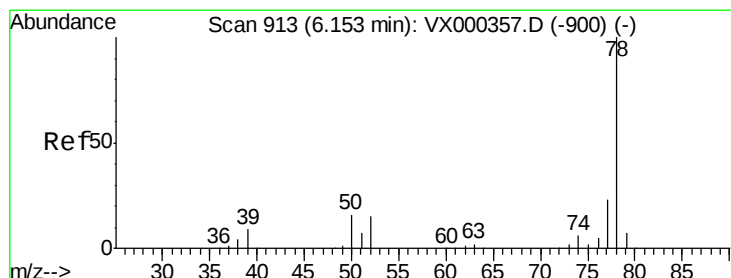
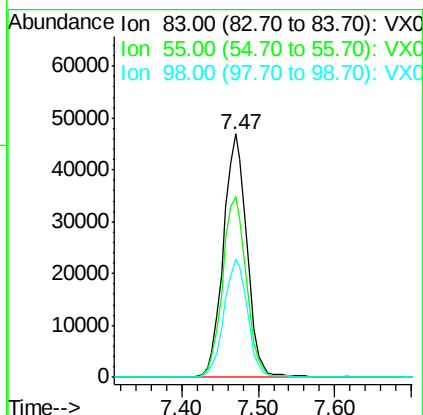
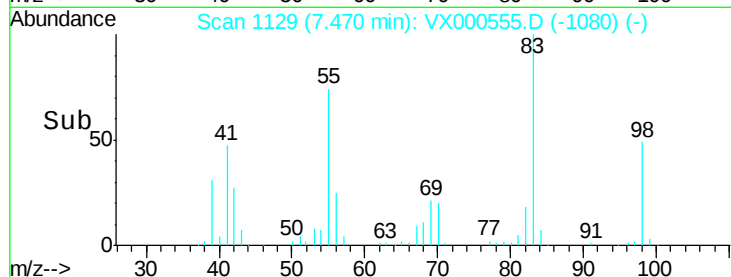
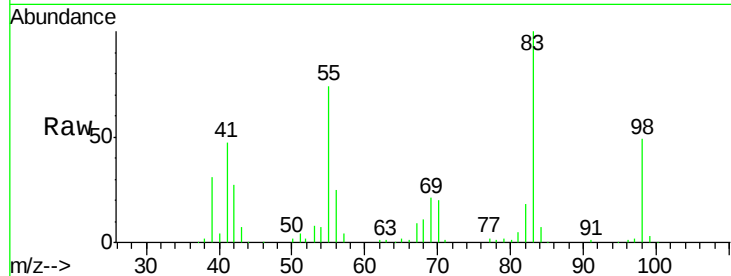




#39
Methvlcvclohexane
Concen: 44.85 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

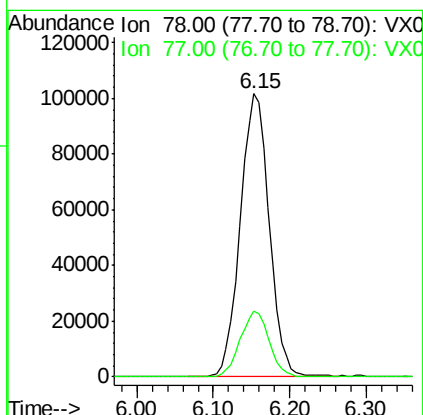
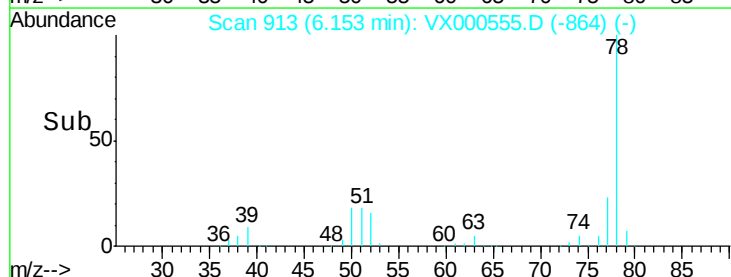
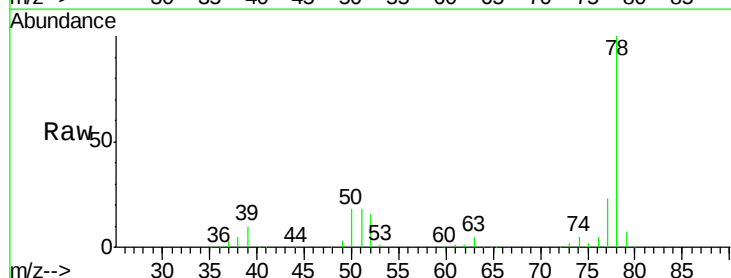
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

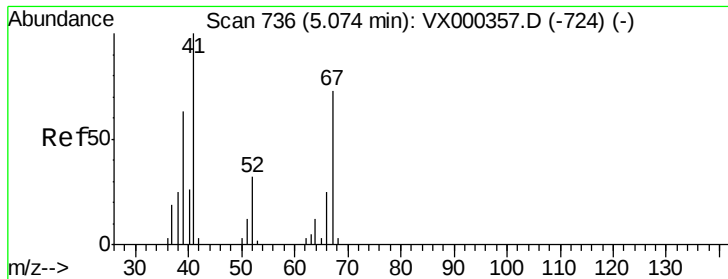
Tot Ion: 83 Resp: 99626
Ion Ratio Lower Upper
83 100
55 74.2 55.5 83.3
98 48.6 38.2 57.4



#40
Benzene
Concen: 50.44 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 78 Resp: 267553
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1





#41

Methacrylonitrile

Concen: 47.70 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 62735

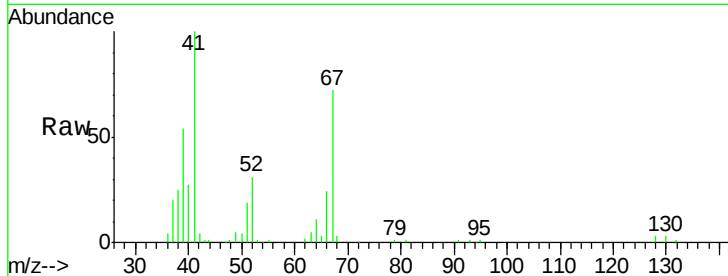
Ion Ratio Lower Upper

41 100

39 59.3 45.7 68.5

67 75.4 57.8 86.8

52 32.1 26.7 40.1

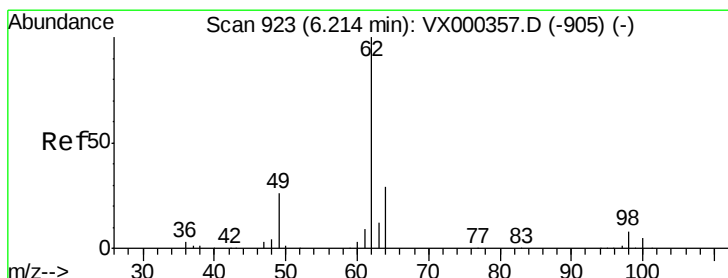
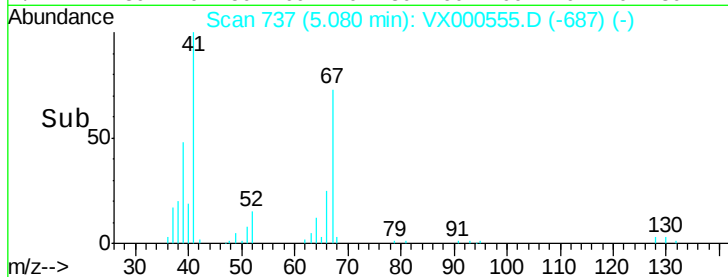
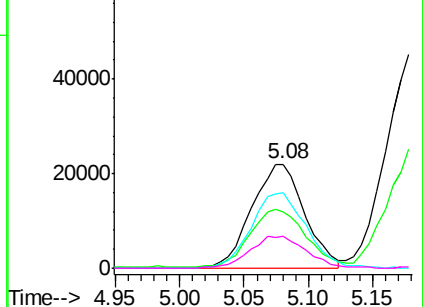


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.42 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000555.D

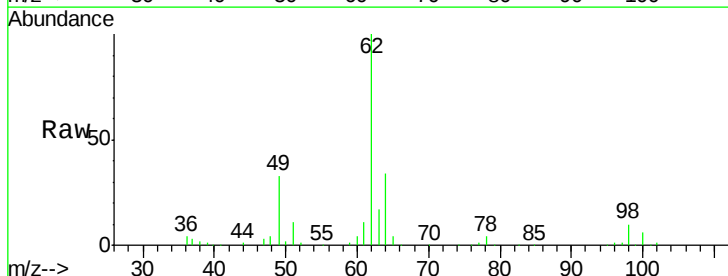
Acq: 30 Mar 2018 10:15

Tgt Ion: 62 Resp: 104924

Ion Ratio Lower Upper

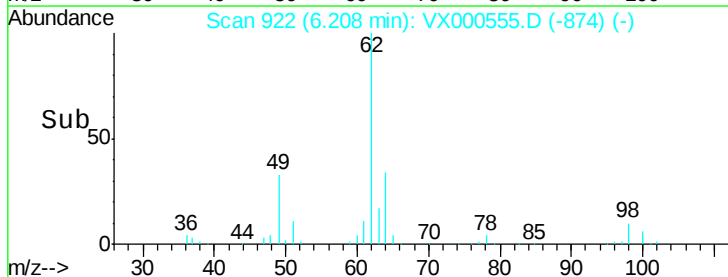
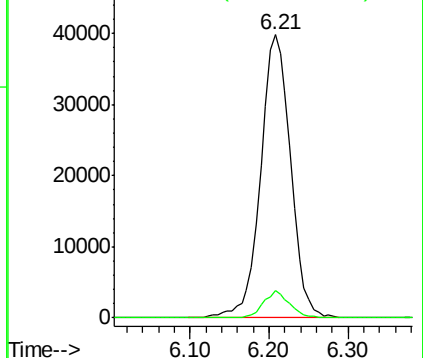
62 100

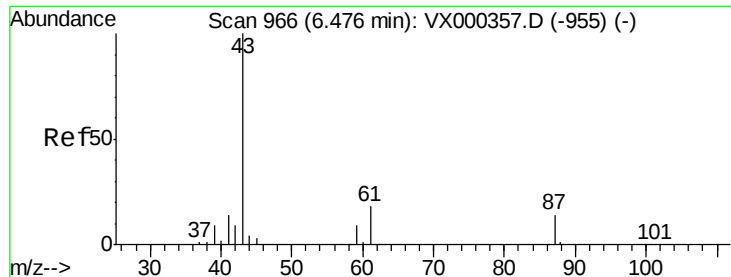
98 8.3 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



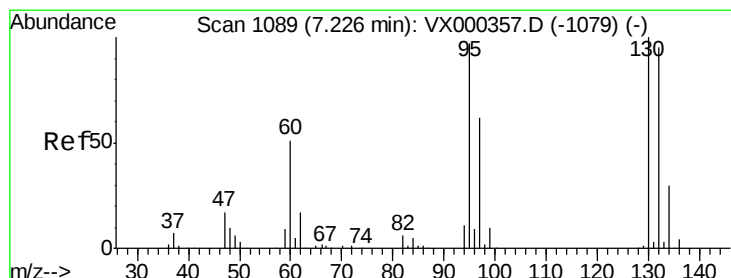
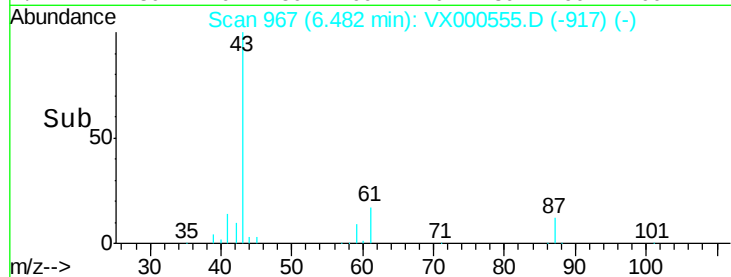
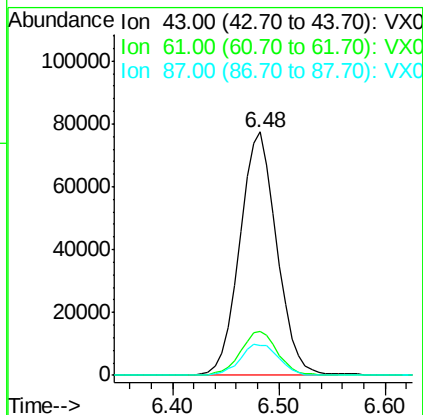
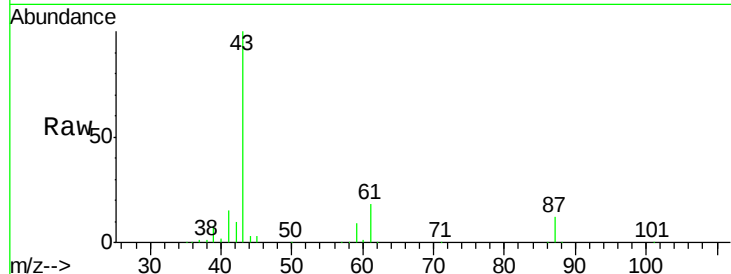


#43

Isopropyl Acetate
 Concen: 50.76 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

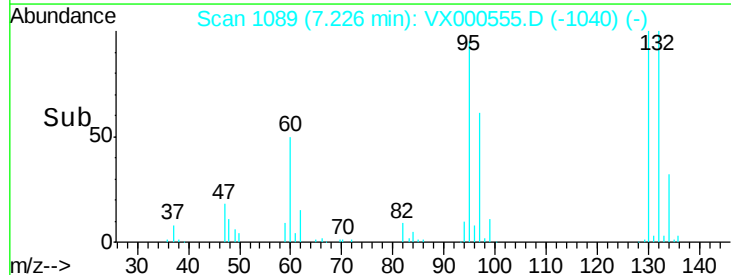
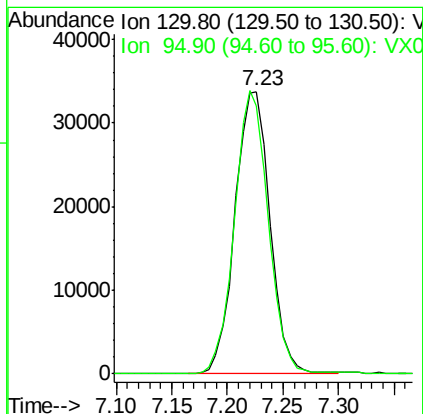
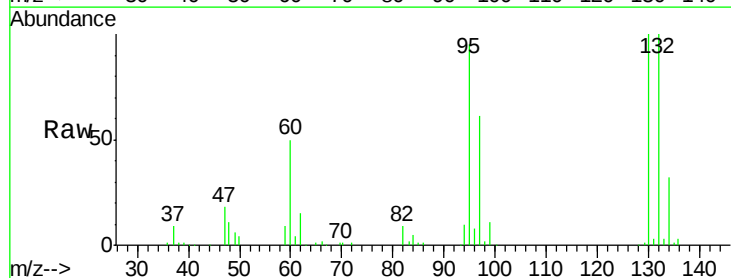
Tot Ion	43	Resp	188515
Ion Ratio	Lower	Upper	
43	100		
61	18.3	14.4	21.6
87	13.4	11.0	16.4

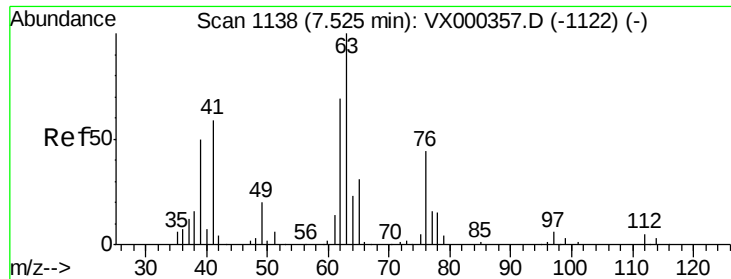


#44

Trichloroethene
 Concen: 48.48 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion	130	Resp	73658
Ion Ratio	Lower	Upper	
130	100		
95	94.6	0.0	186.0





#45

1,2-Dichloropropane

Concen: 50.33 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

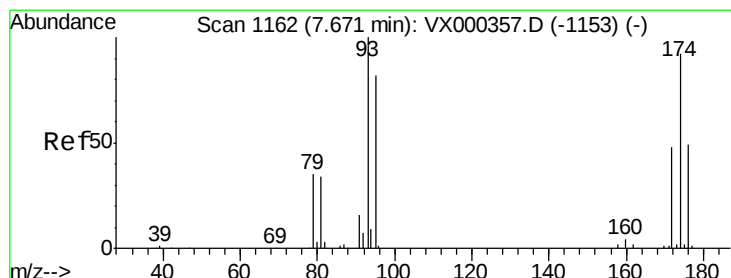
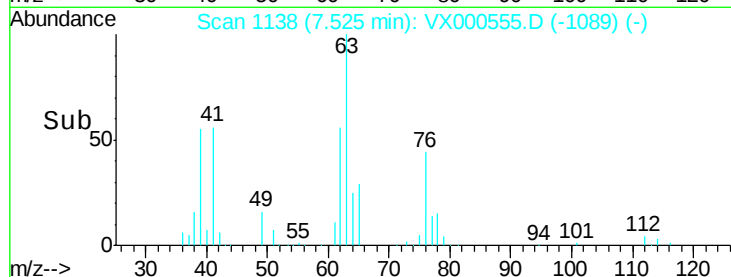
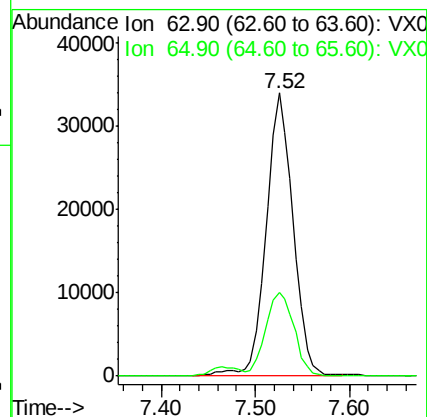
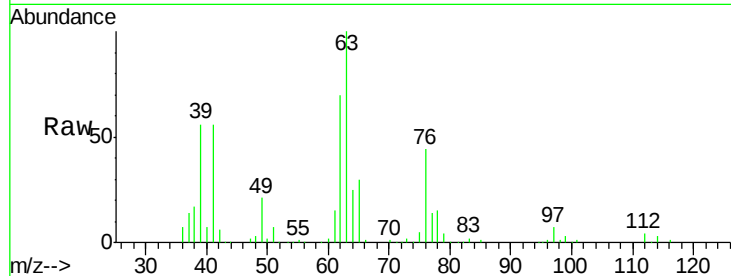
VSTDCCC050EC

Tot Ion: 63 Resp: 68327

Ion Ratio Lower Upper

63 100

65 29.8 24.6 36.8



#46

Dibromomethane

Concen: 50.11 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

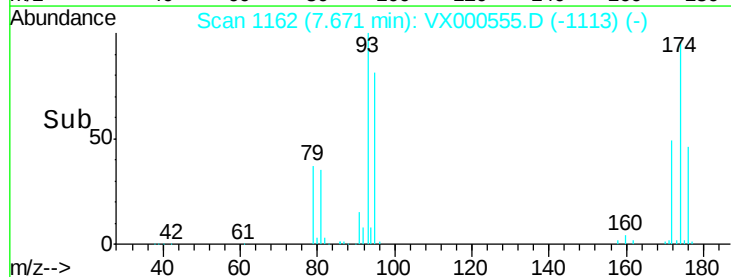
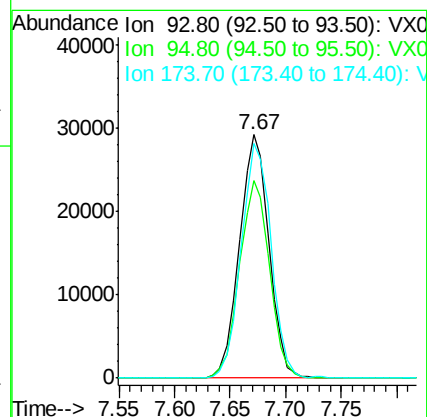
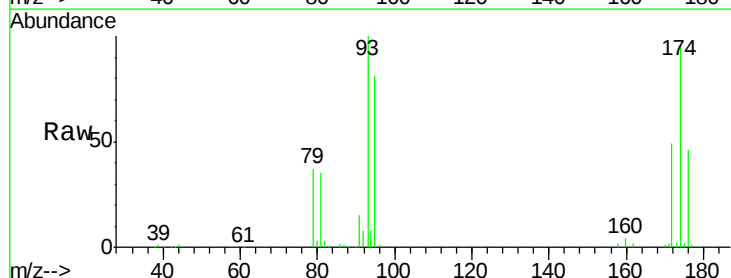
Tgt Ion: 93 Resp: 53399

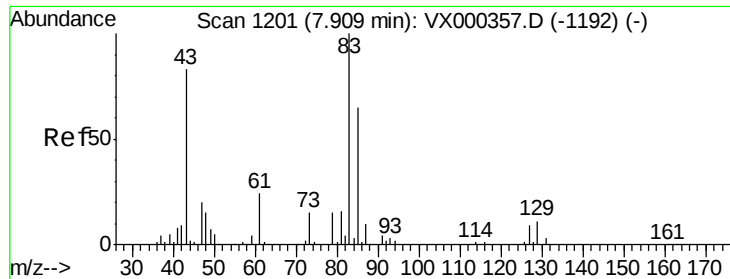
Ion Ratio Lower Upper

93 100

95 82.8 66.5 99.7

174 98.3 76.0 114.0





#47

Bromodichloromethane

Concen: 53.31 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

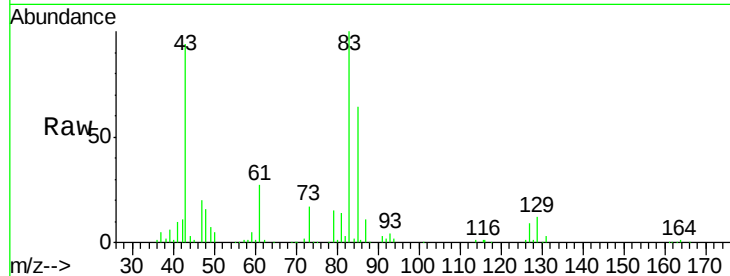
Tot Ion: 83 Resp: 99961

Ion Ratio Lower Upper

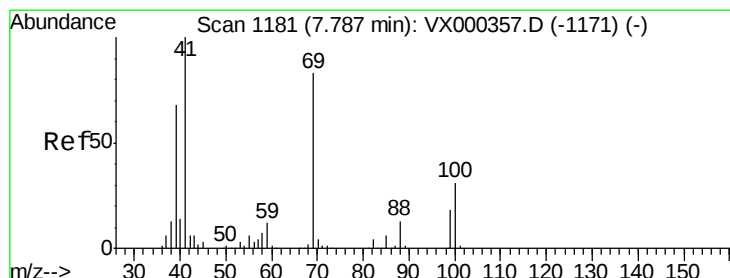
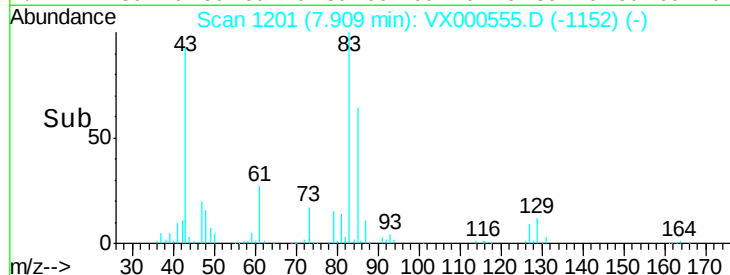
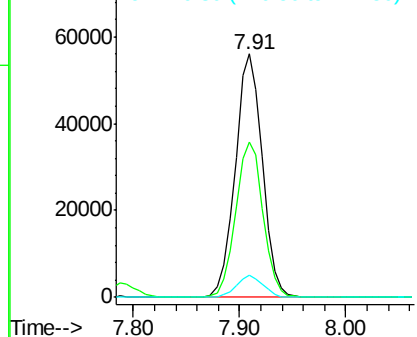
83 100

85 63.9 51.4 77.0

127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.95 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

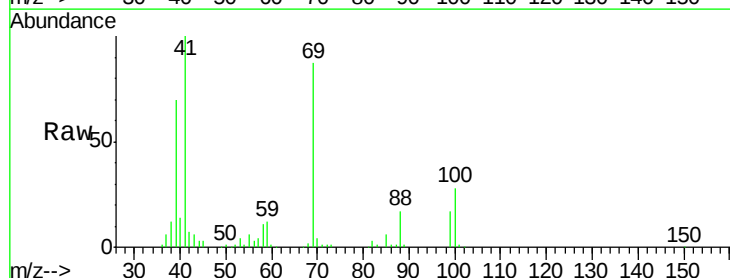
Tgt Ion: 41 Resp: 93663

Ion Ratio Lower Upper

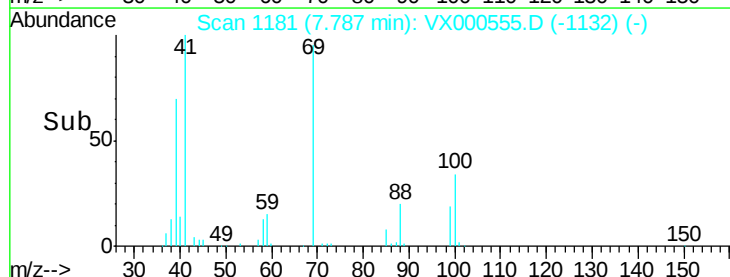
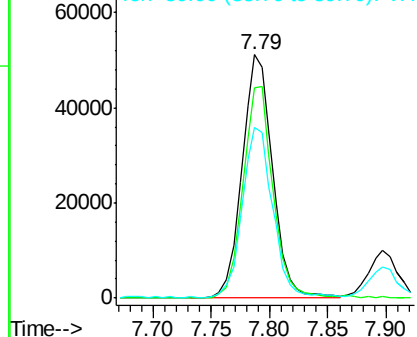
41 100

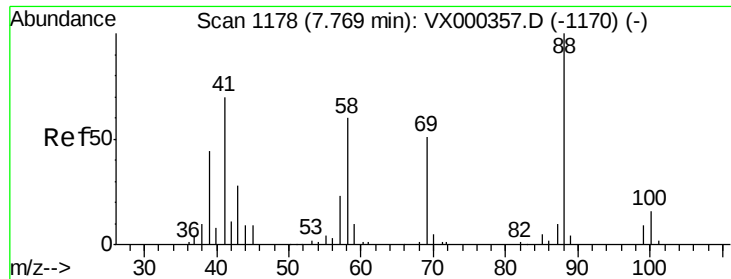
69 85.8 68.2 102.4

39 69.2 54.6 81.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

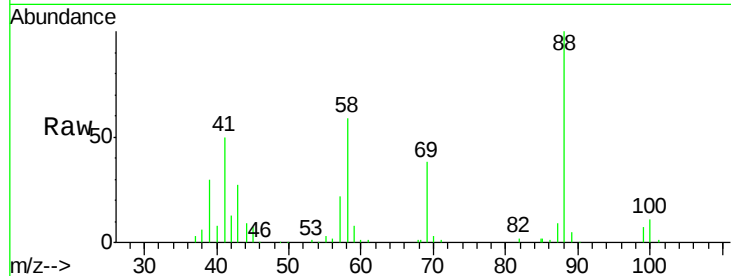




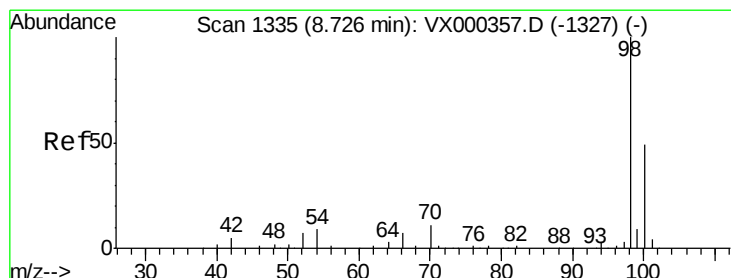
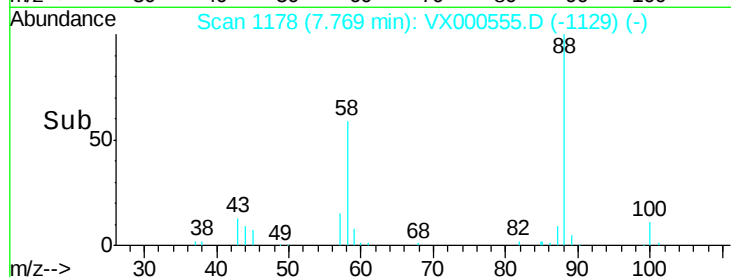
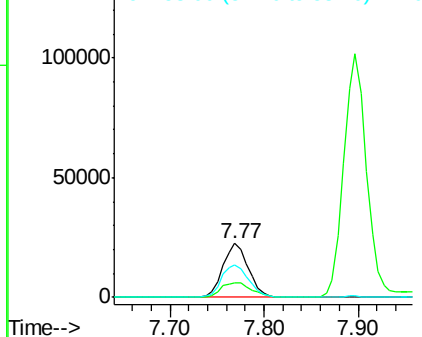
#49
1,4-Dioxane
Concen: 1111.25 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 42113
Ion Ratio Lower Upper
88 100
43 33.3 26.8 40.2
58 64.2 52.2 78.2

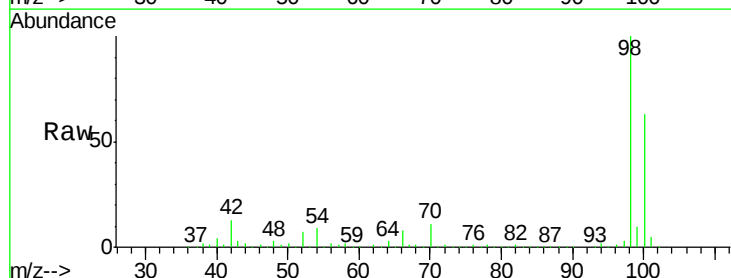


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

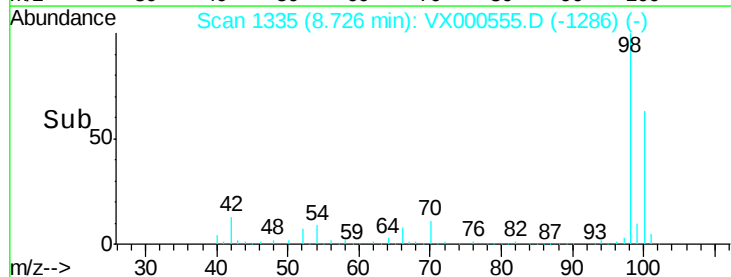
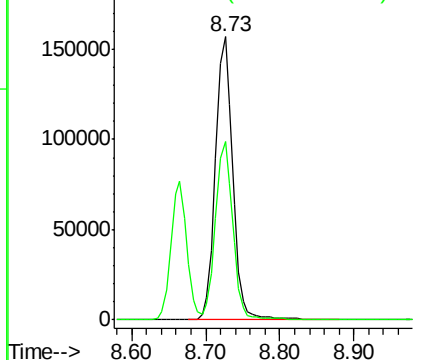


#50
Toluene-d8
Concen: 48.86 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 98 Resp: 248629
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 271.20 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

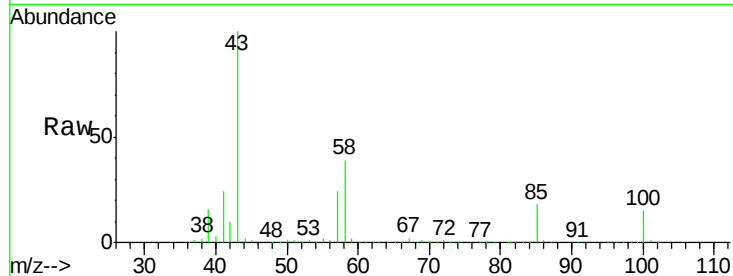
VSTDCCC050EC

Tot Ion: 43 Resp: 779550

Ion Ratio Lower Upper

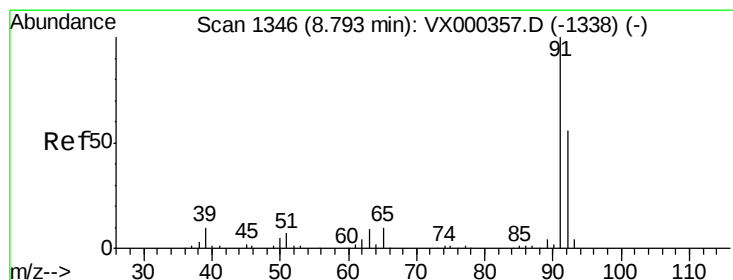
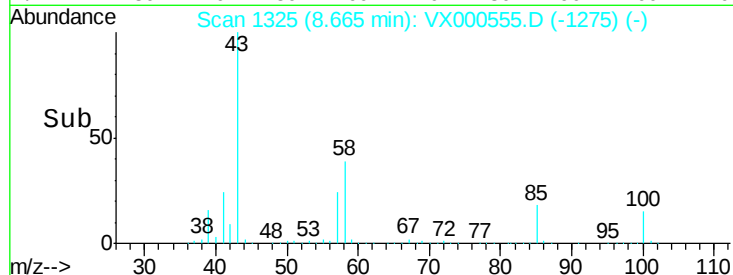
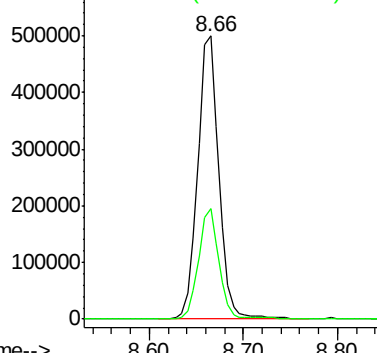
43 100

58 38.2 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.78 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000555.D

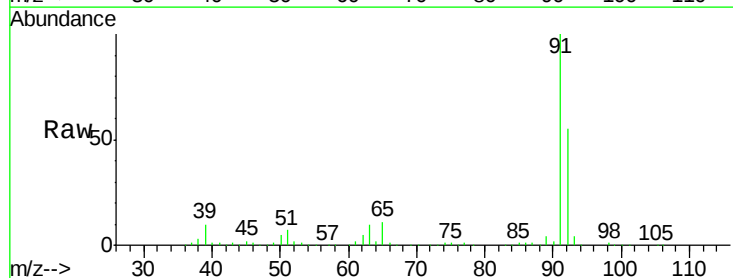
Acq: 30 Mar 2018 10:15

Tgt Ion: 92 Resp: 195688

Ion Ratio Lower Upper

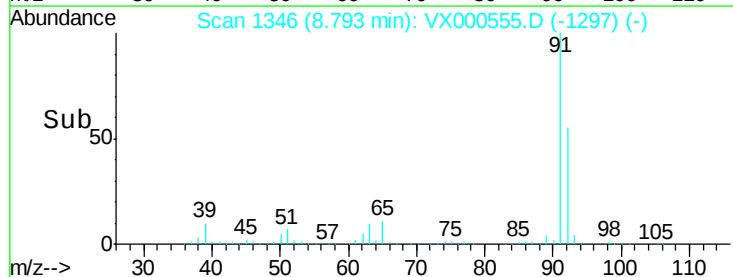
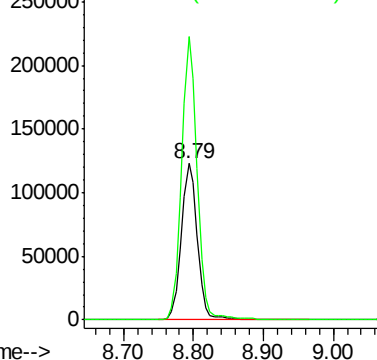
92 100

91 175.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.36 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

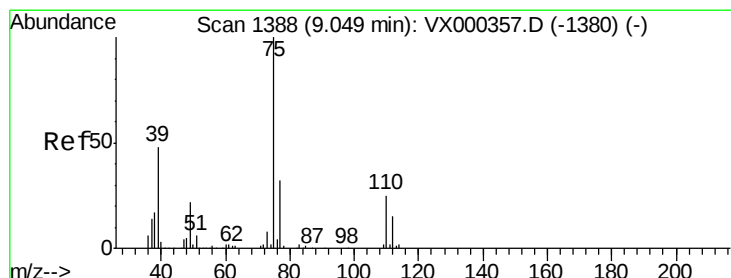
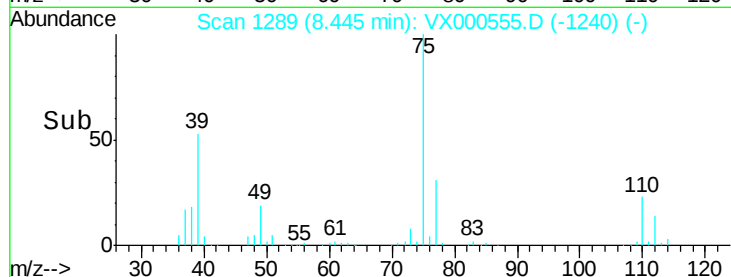
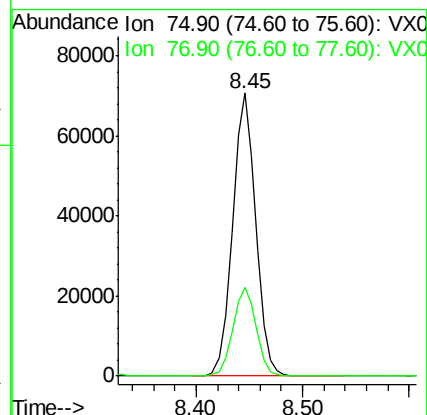
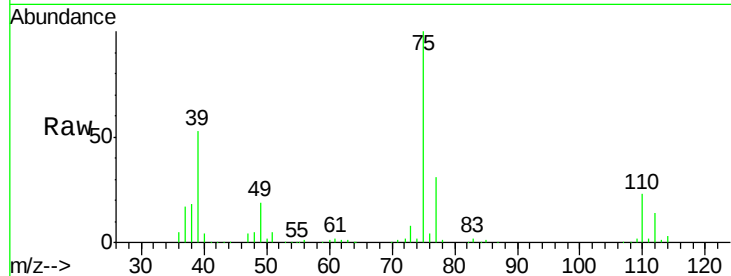
VSTDCCC050EC

Tot Ion: 75 Resp: 107234

Ion Ratio Lower Upper

75 100

77 31.5 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 51.42 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

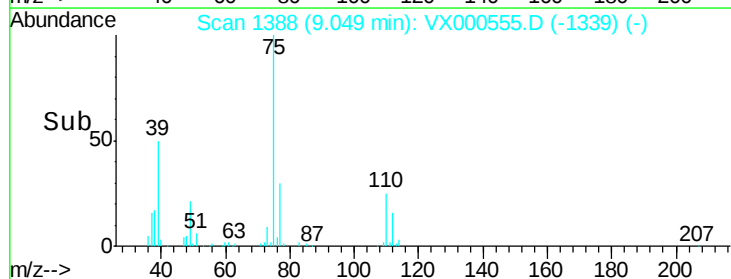
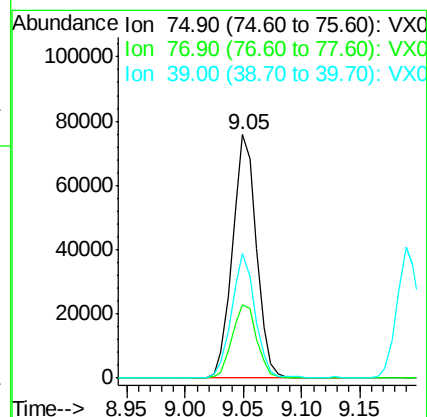
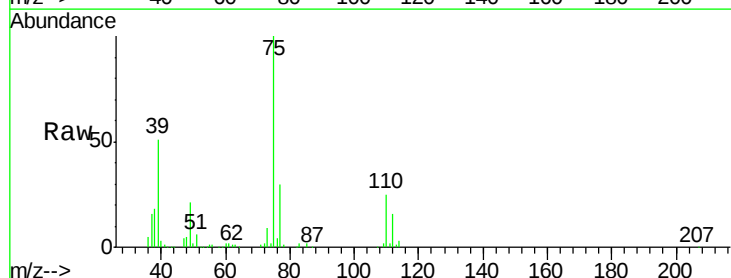
Tgt Ion: 75 Resp: 108367

Ion Ratio Lower Upper

75 100

77 29.9 26.1 39.1

39 50.8 39.8 59.6



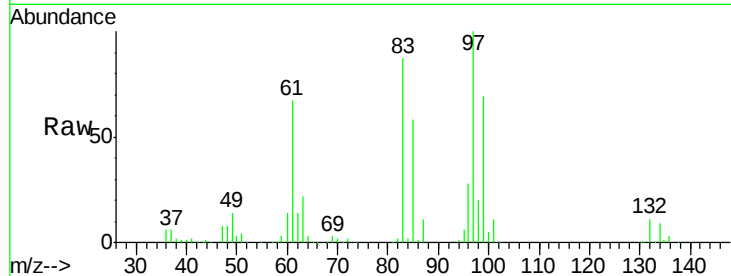


#55
 1,1,2-Trichloroethane
 Concen: 53.64 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 81787

Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.9	101.9
85	57.5	42.8	64.2
99	69.1	49.4	74.2



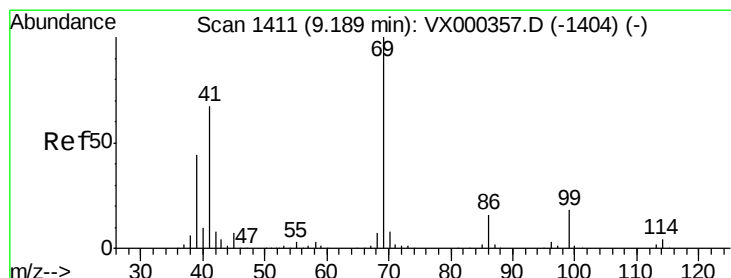
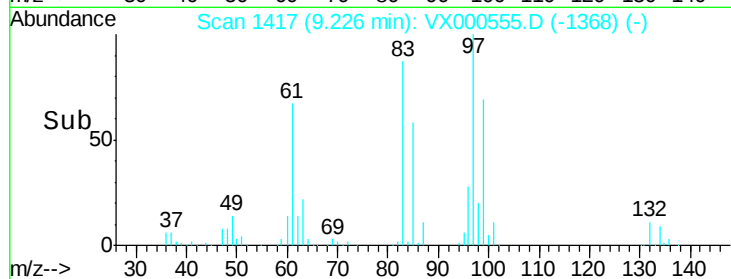
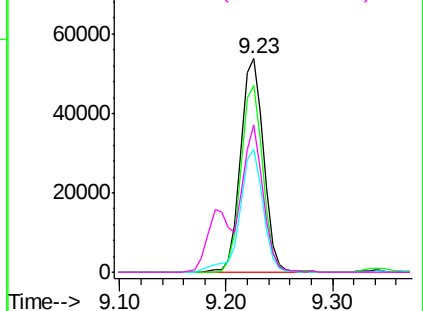
Abundance

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

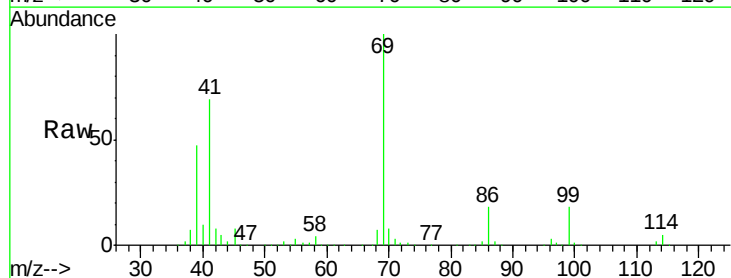
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.93 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion: 69 Resp: 124601

Ion	Ratio	Lower	Upper
69	100		
41	64.1	53.0	79.6
39	44.1	35.3	52.9

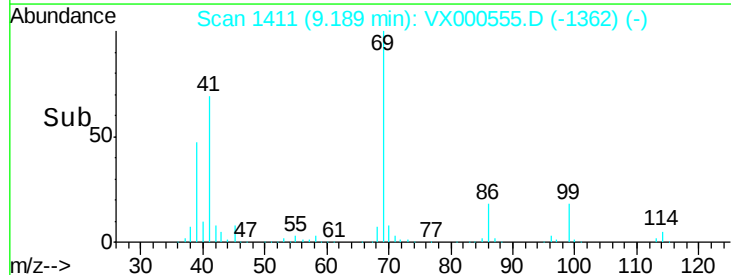
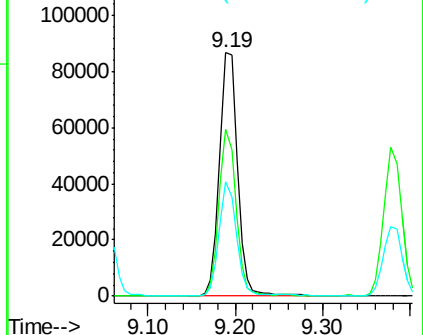


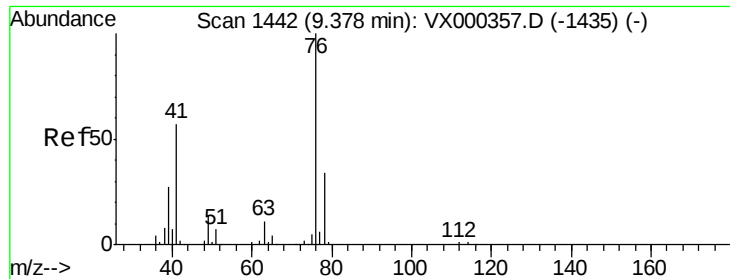
Abundance

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: 53.18 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

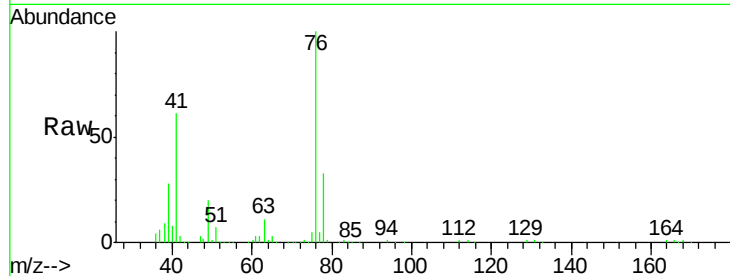
VSTDCCC050EC

Tot Ion: 76 Resp: 129687

Ion Ratio Lower Upper

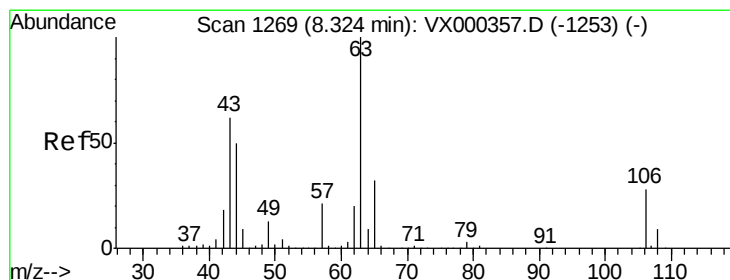
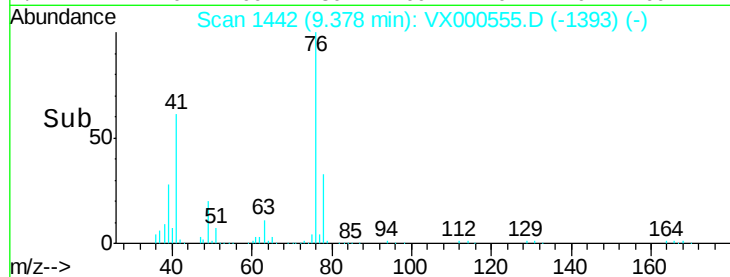
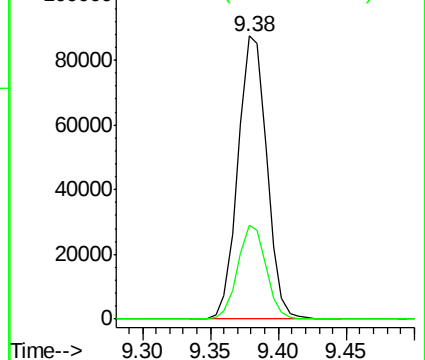
76 100

78 32.5 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 200.80 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000555.D

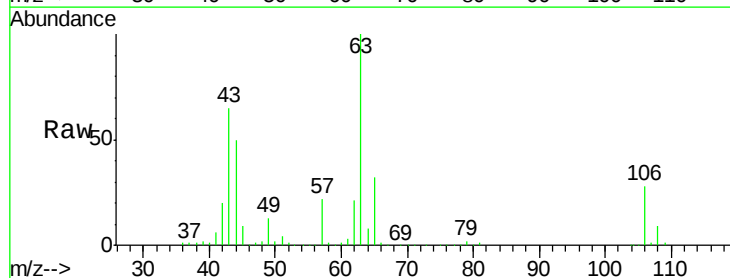
Acq: 30 Mar 2018 10:15

Tgt Ion: 63 Resp: 222673

Ion Ratio Lower Upper

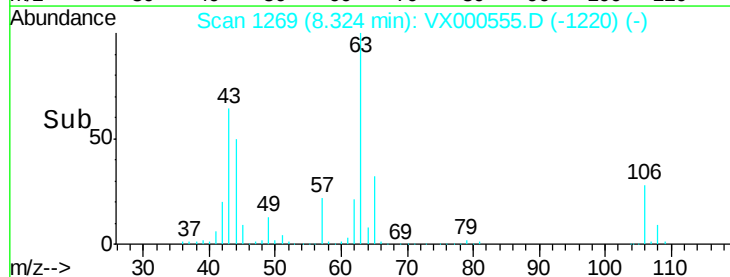
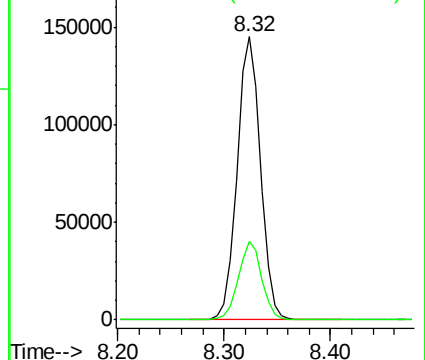
63 100

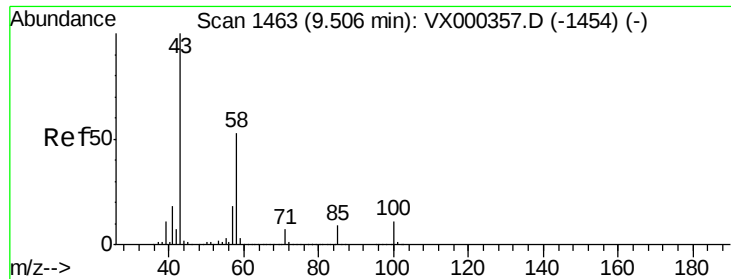
106 27.7 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

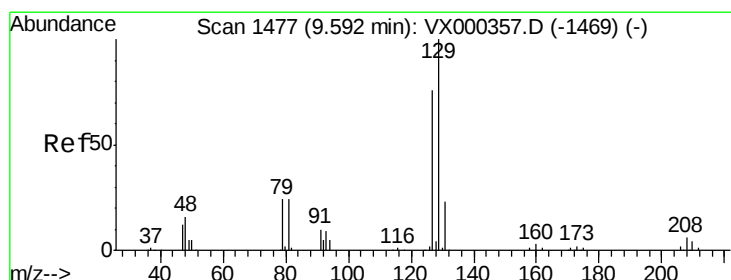
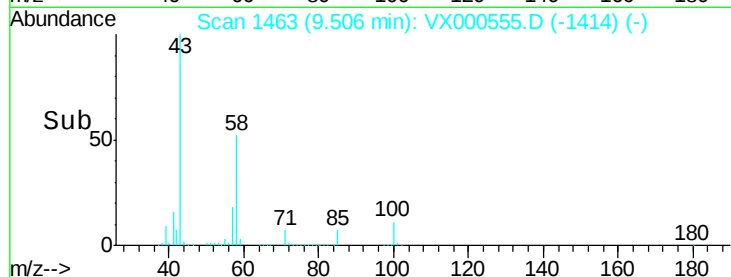
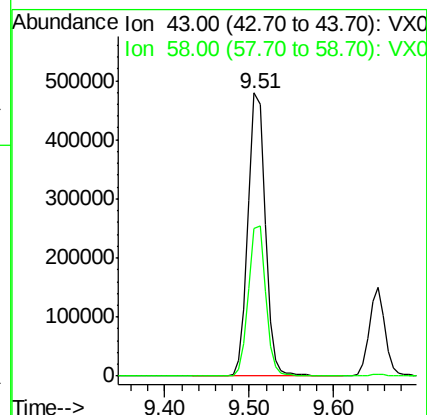
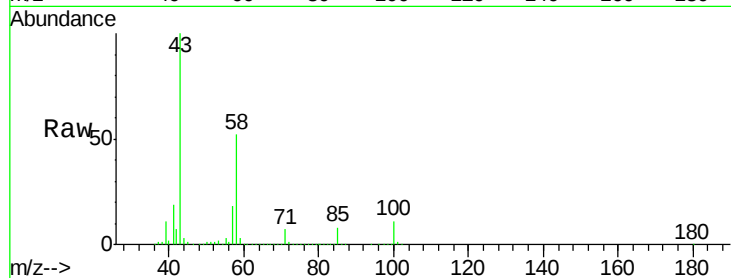




#59
2-Hexanone
Concen: 268.73 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

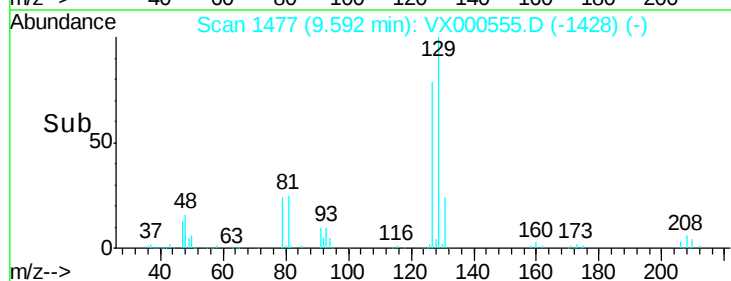
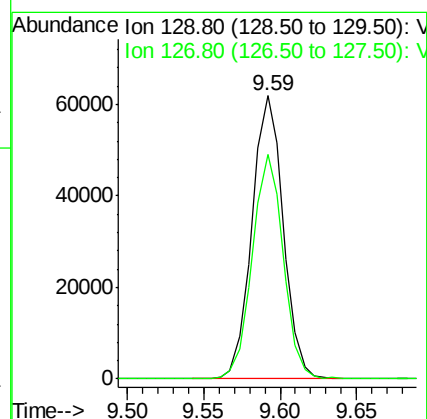
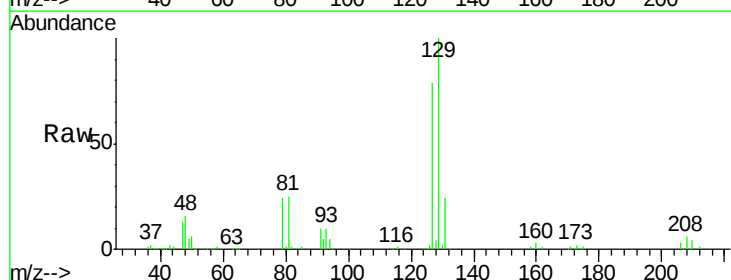
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

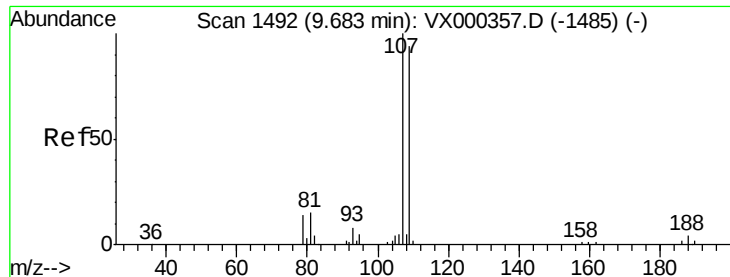
Tot Ion: 43 Resp: 655904
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7



#60
Dibromochloromethane
Concen: 48.96 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 129 Resp: 88171
Ion Ratio Lower Upper
129 100
127 78.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 54.92 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

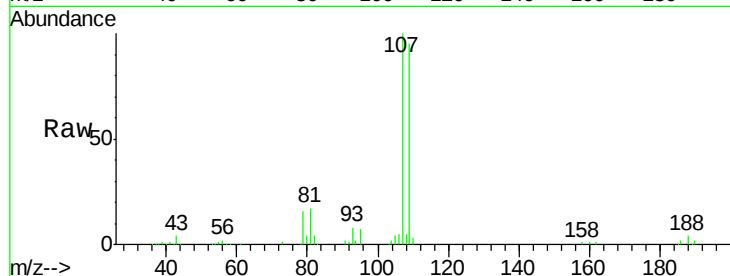
VSTDCCC050EC

Tot Ion:107 Resp: 89800

Ion Ratio Lower Upper

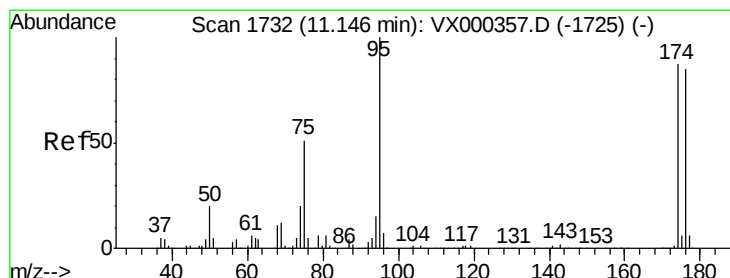
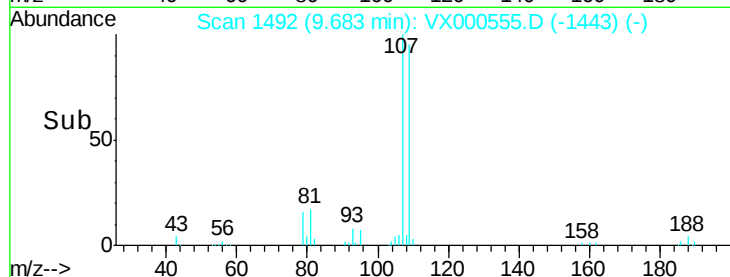
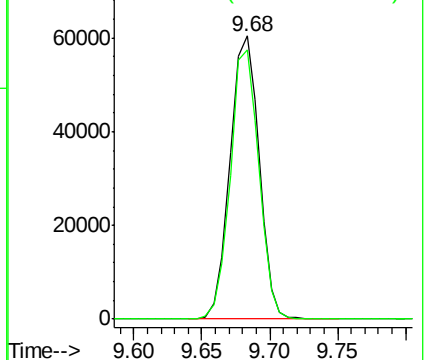
107 100

109 93.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

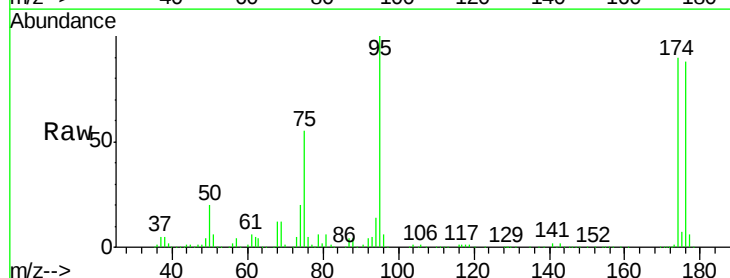
Tgt Ion: 95 Resp: 106667

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.6

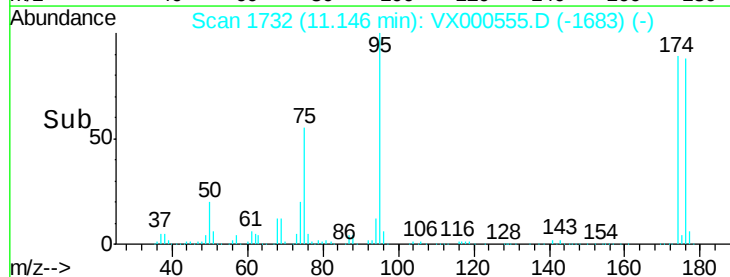
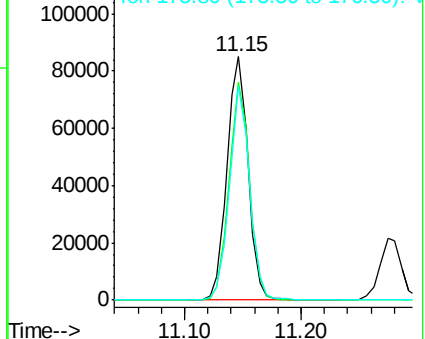
176 84.6 0.0 164.6

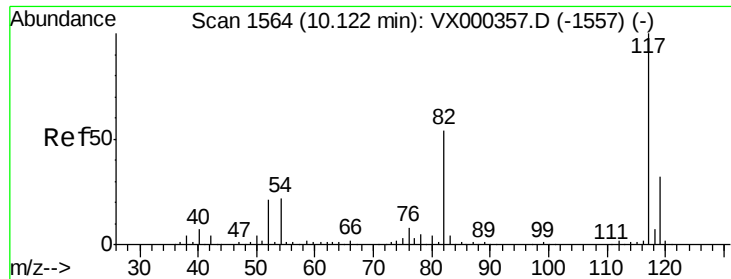


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

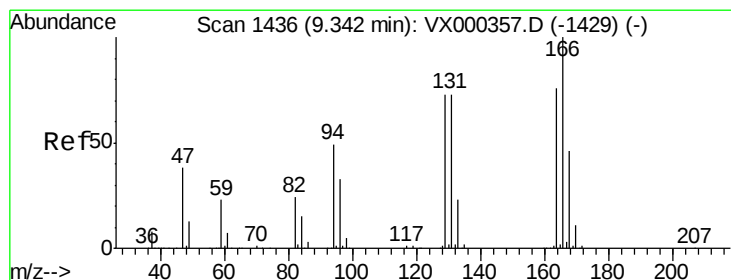
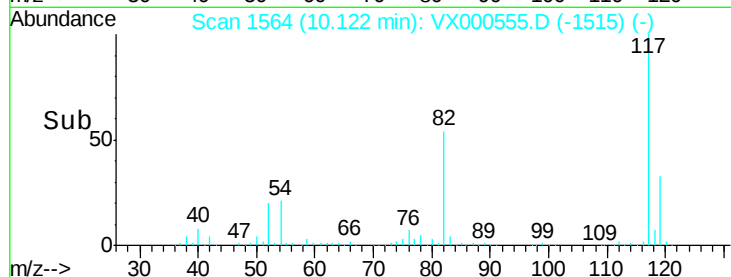
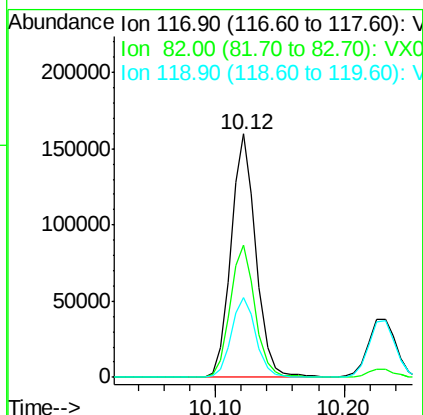
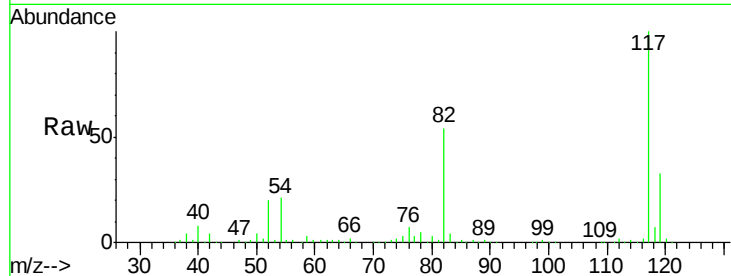




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

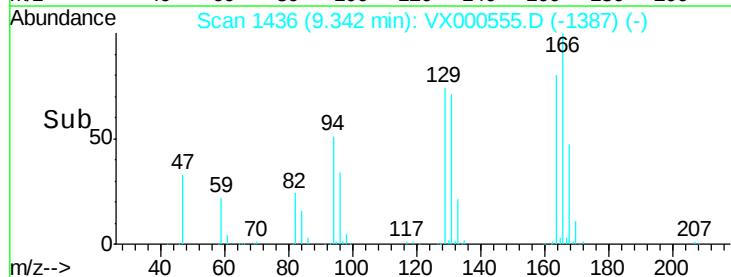
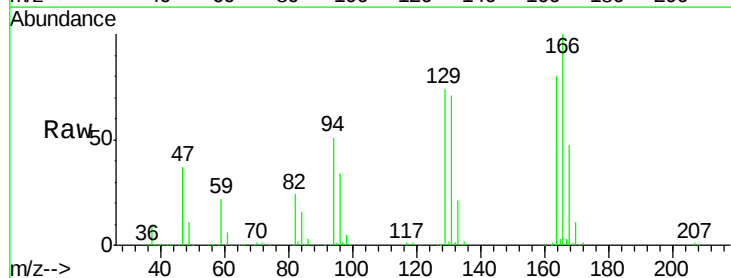
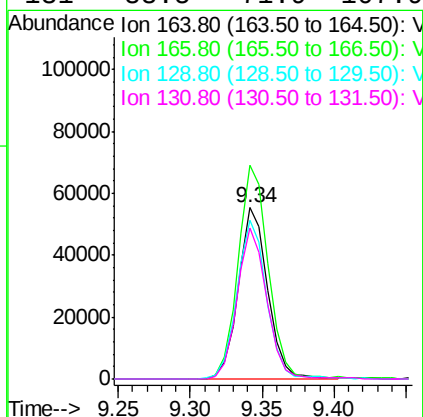
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

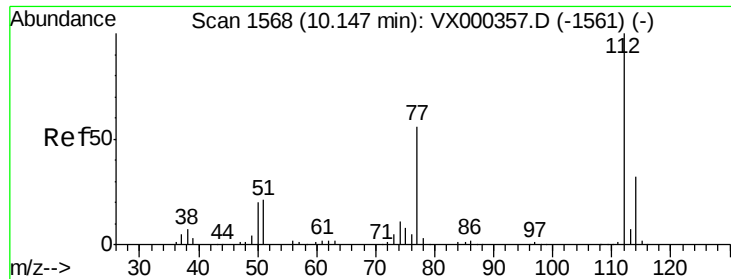
Tot Ion:117 Resp: 214862
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 33.0 24.9 37.3



#64
Tetrachloroethene
Concen: 46.96 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion:164 Resp: 78303
Ion Ratio Lower Upper
164 100
166 124.8 101.0 151.6
129 92.6 79.0 118.4
131 88.5 71.9 107.9

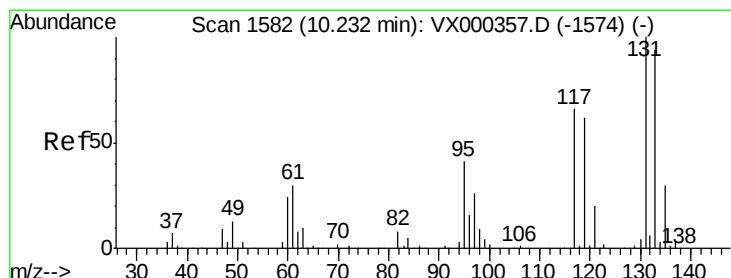
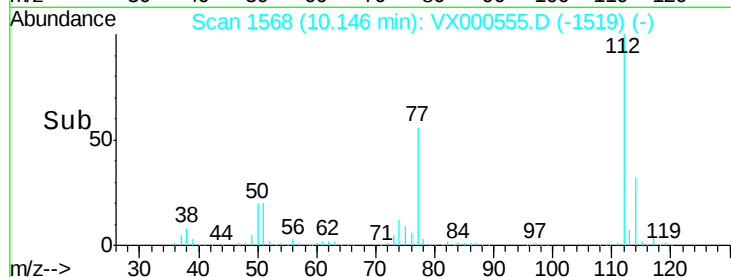
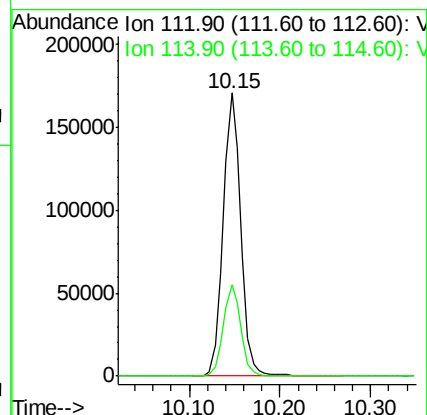
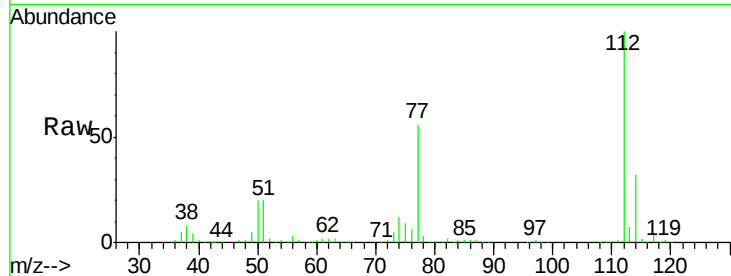




#65
Chlorobenzene
Concen: 48.59 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

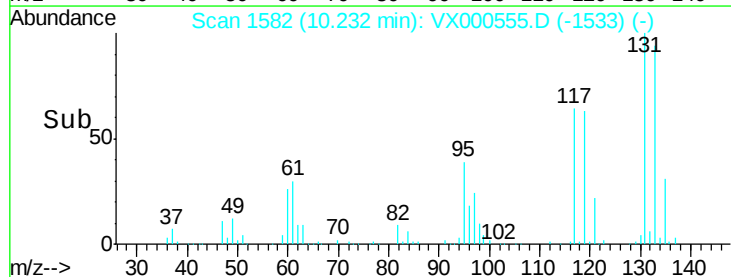
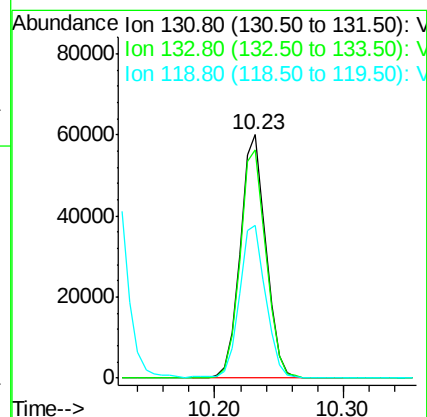
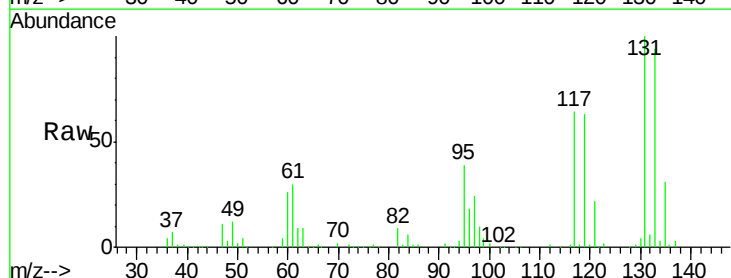
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

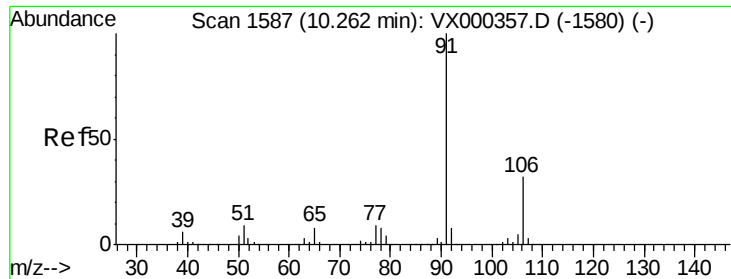
Tot Ion:112 Resp: 232355
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.94 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion:131 Resp: 82728
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.3
119 64.0 33.1 99.2

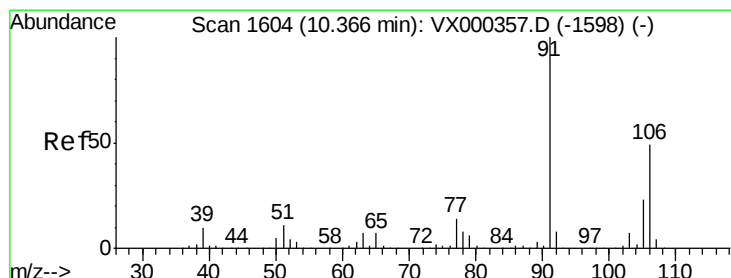
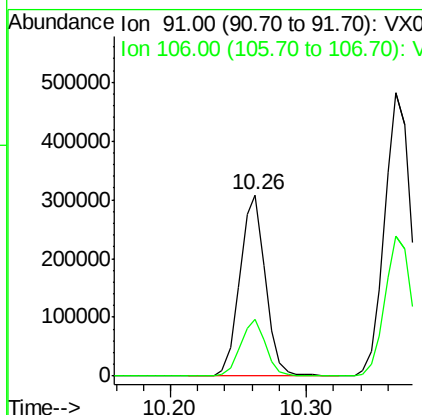
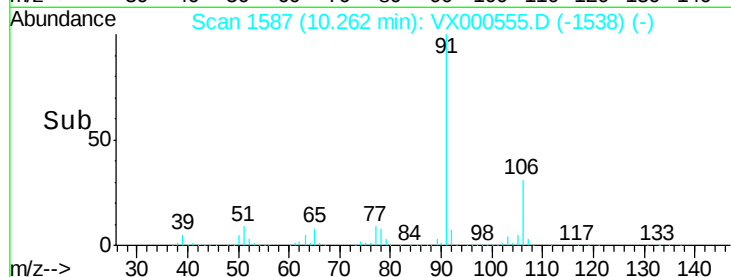
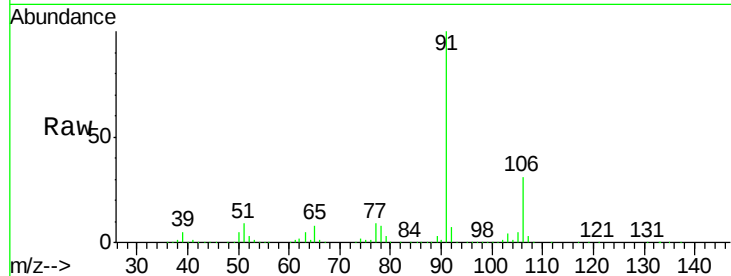




#67
Ethyl Benzene
Concen: 49.52 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

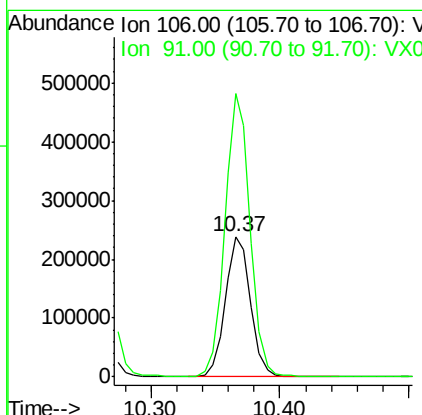
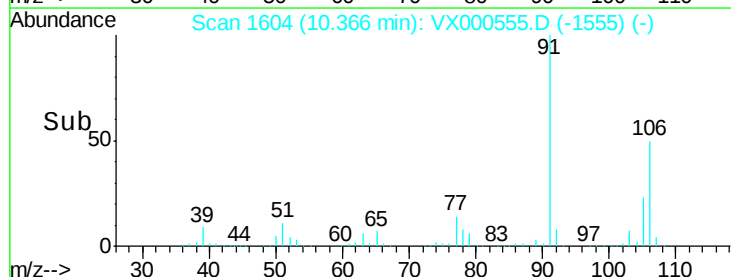
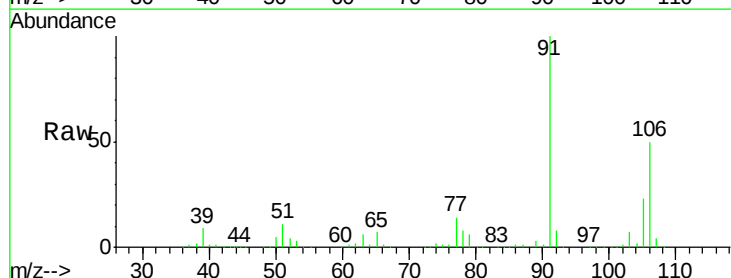
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

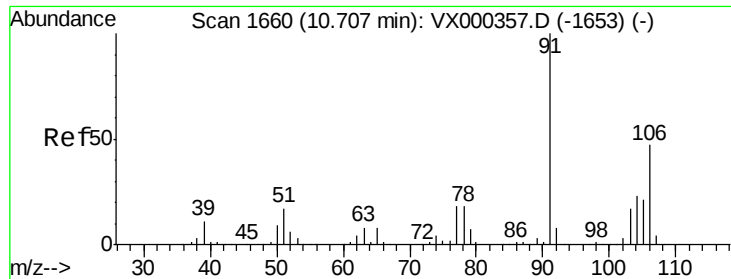
Tot Ion: 91 Resp: 401424
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 102.27 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion: 106 Resp: 326187
Ion Ratio Lower Upper
106 100
91 202.2 163.4 245.2

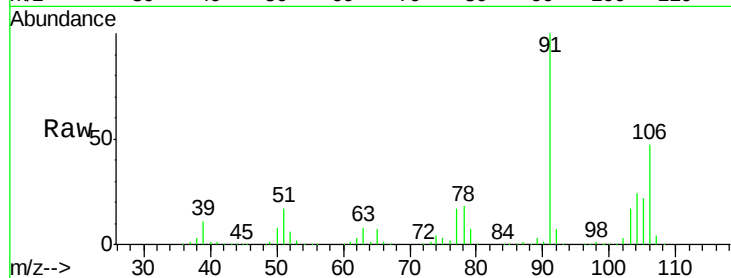




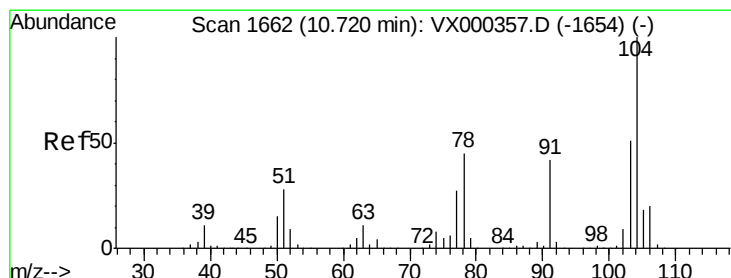
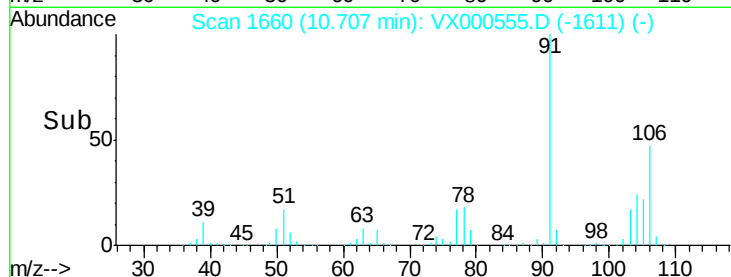
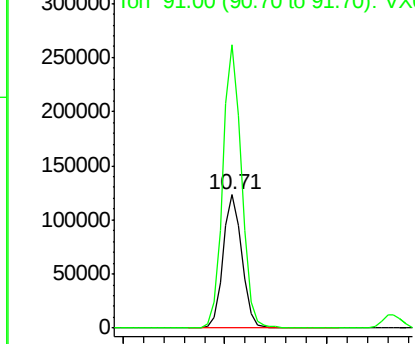
#69
o-Xylene
Concen: 51.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 158822
Ion Ratio Lower Upper
106 100
91 211.0 106.5 319.6

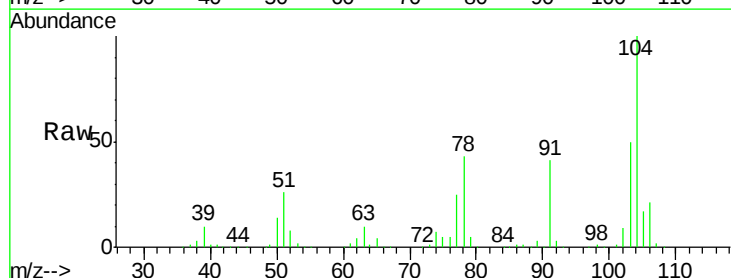


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

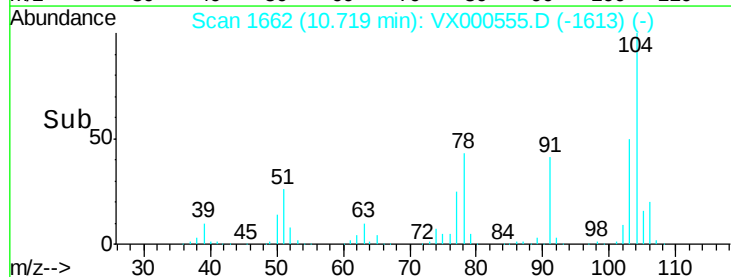
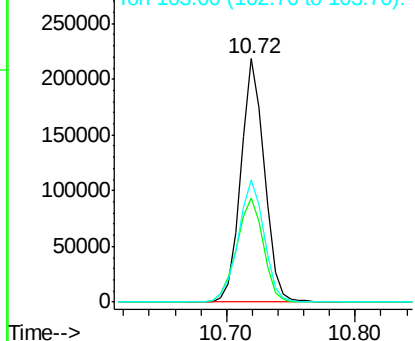


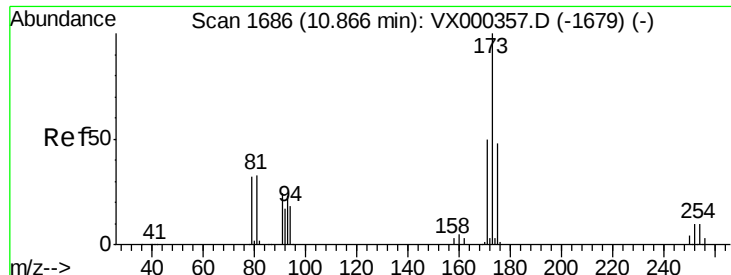
#70
Styrene
Concen: 53.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion:104 Resp: 275076
Ion Ratio Lower Upper
104 100
78 48.8 40.5 60.7
103 55.8 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

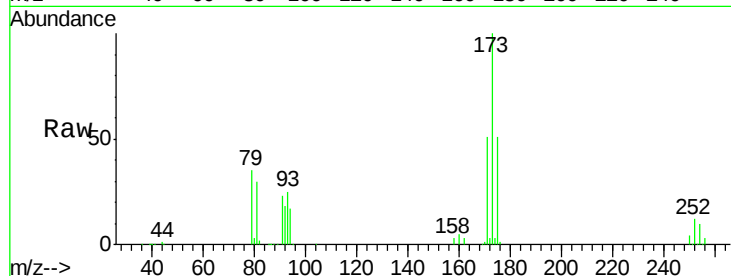




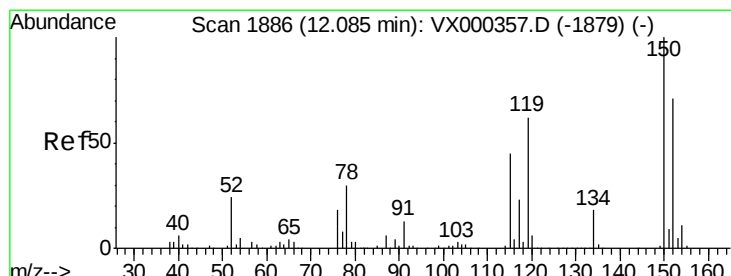
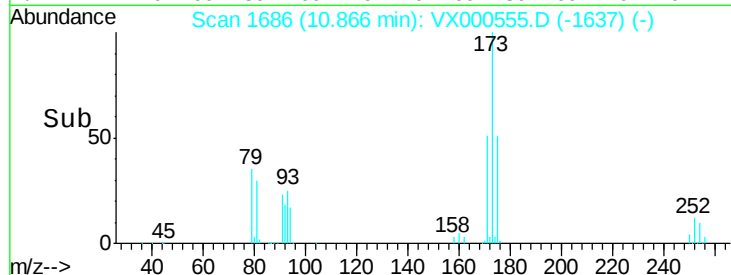
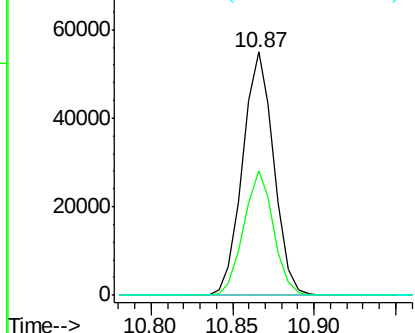
#71
Bromoform
Concen: 43.85 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 73097
Ion Ratio Lower Upper
173 100
175 49.2 25.4 76.4
254 0.1 0.0 0.0#

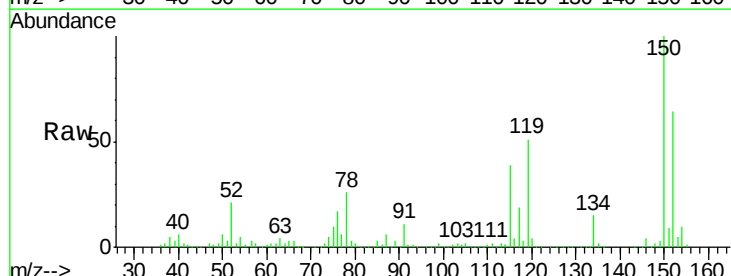


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

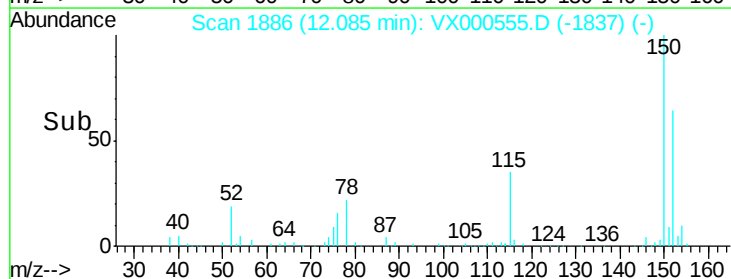
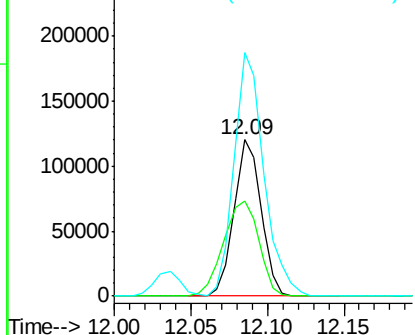


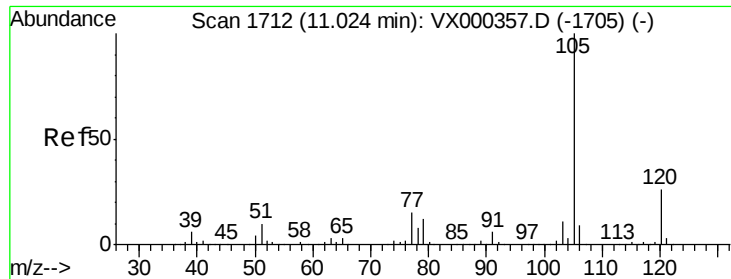
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion:152 Resp: 147622
Ion Ratio Lower Upper
152 100
115 79.4 39.8 119.3
150 172.0 0.0 344.4



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





#73

Isopropylbenzene

Concen: 44.66 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

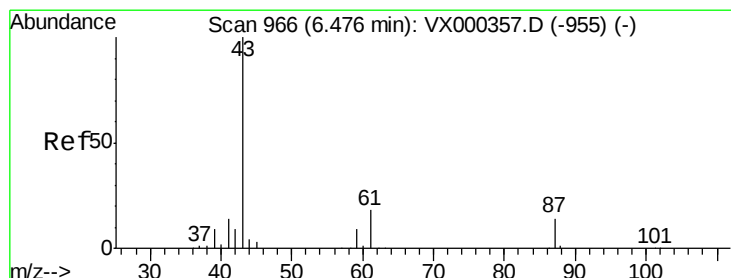
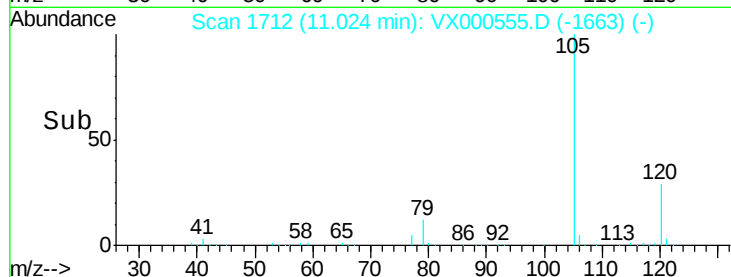
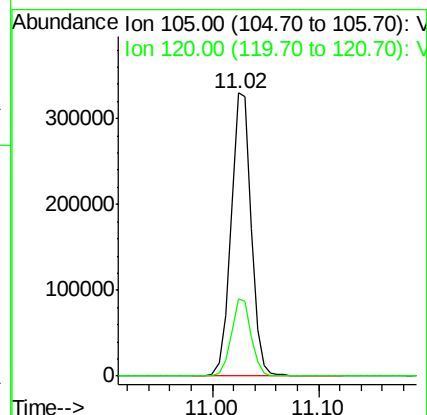
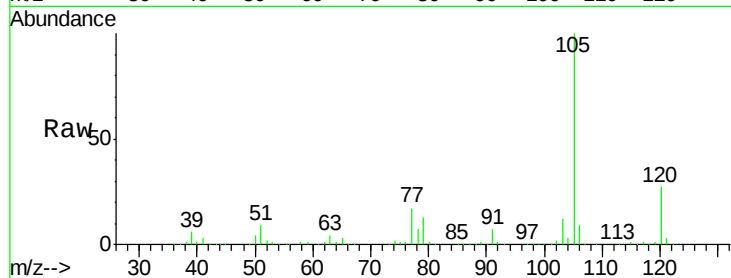
VSTDCCC050EC

Tot Ion:105 Resp: 436846

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 43.81 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Tgt Ion: 43 Resp: 188515

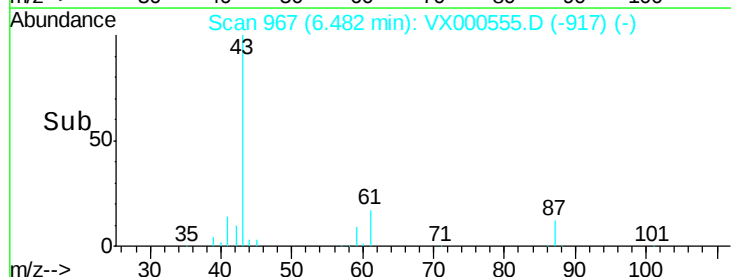
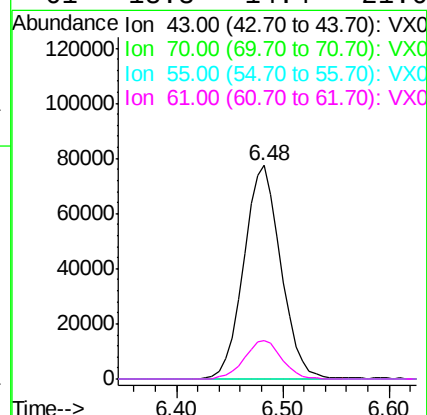
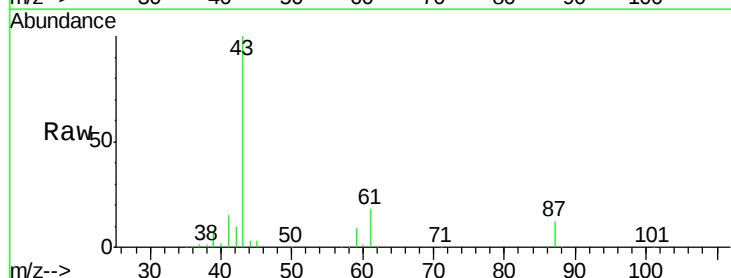
Ion Ratio Lower Upper

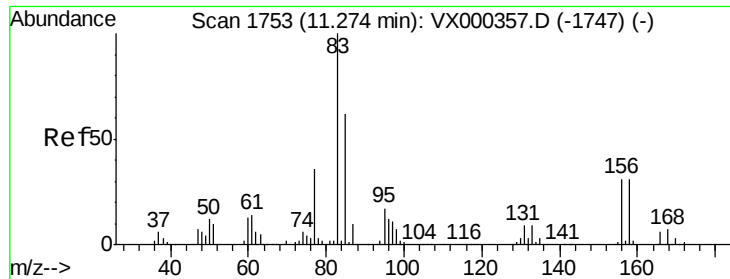
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.3 14.4 21.6

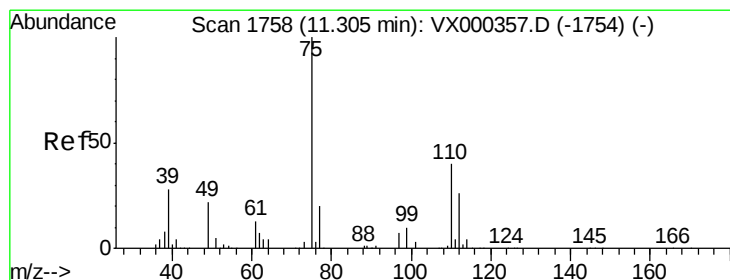
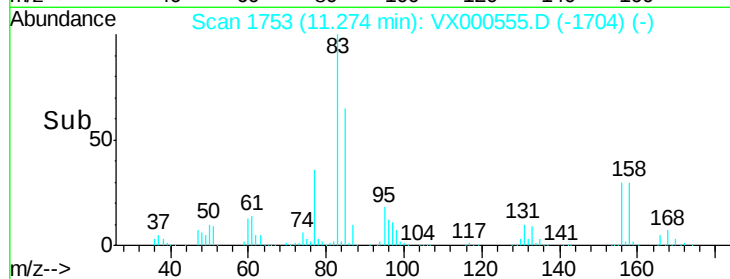
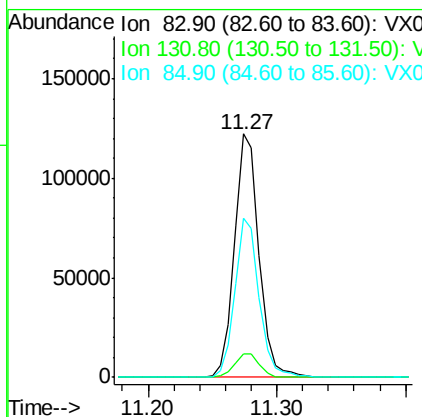
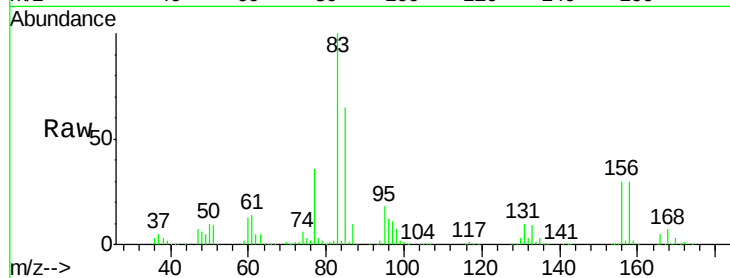




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.87 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

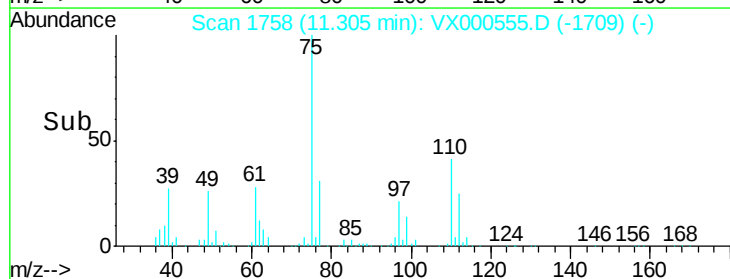
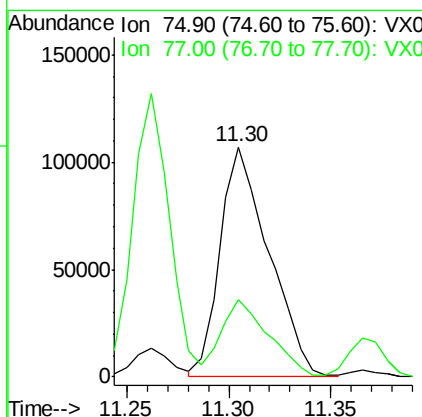
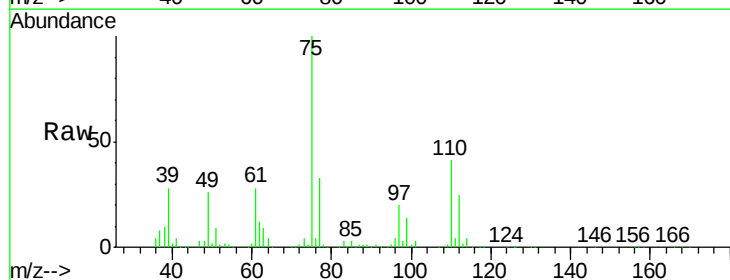
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

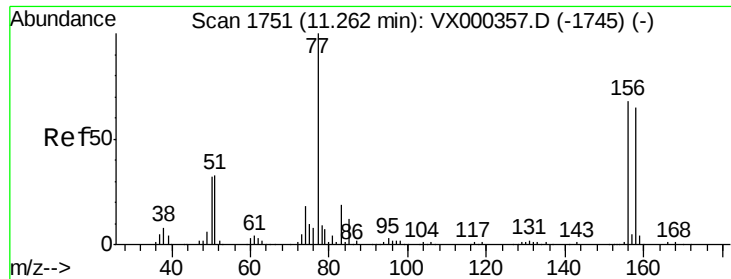
Tot Ion: 83 Resp: 162154
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 14.9
 85 64.8 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 55.91 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion: 75 Resp: 177363
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.4 64.2





#77

Bromobenzene

Concen: 42.27 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

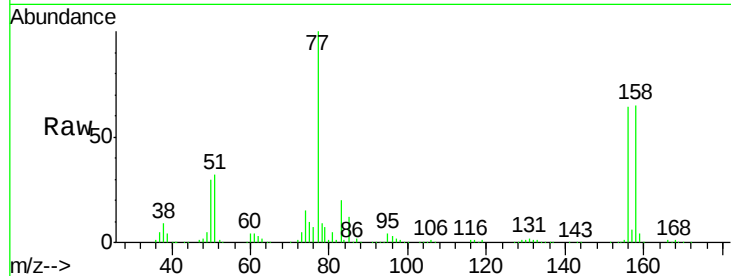
Tot Ion:156 Resp: 110140

Ion Ratio Lower Upper

156 100

77 150.4 73.4 220.2

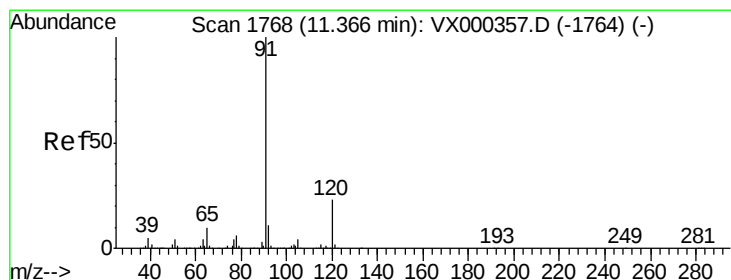
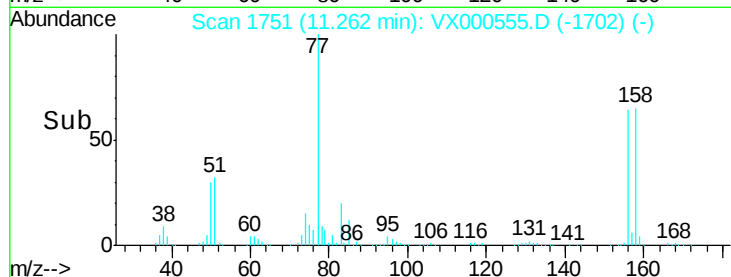
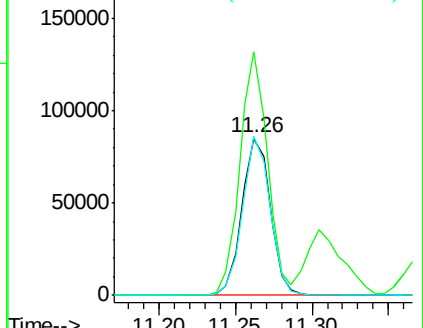
158 97.5 48.5 145.6



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: 44.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000555.D

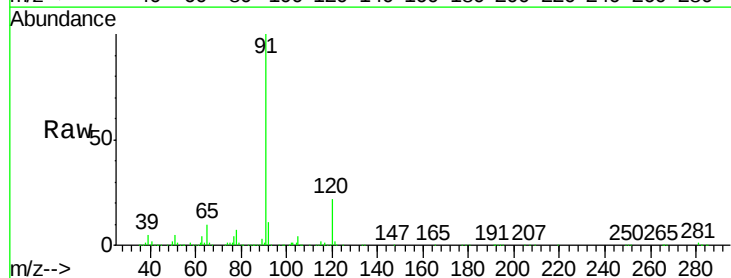
Acq: 30 Mar 2018 10:15

Tgt Ion: 91 Resp: 516953

Ion Ratio Lower Upper

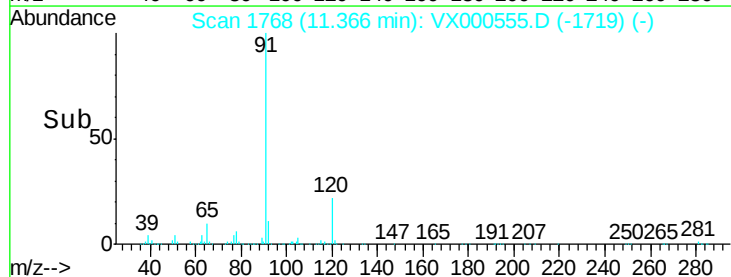
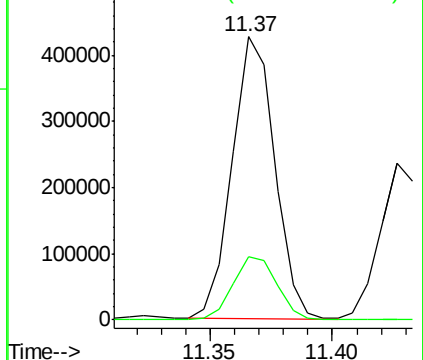
91 100

120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

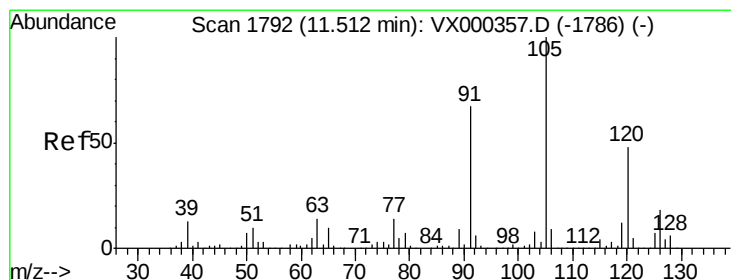
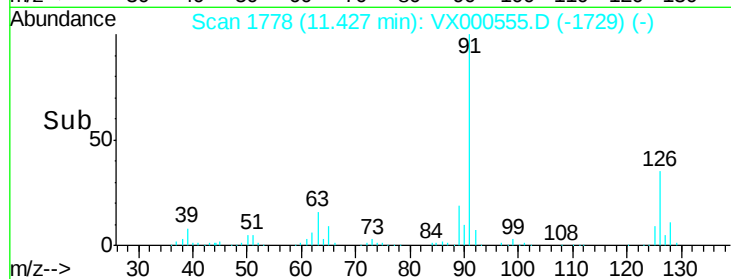
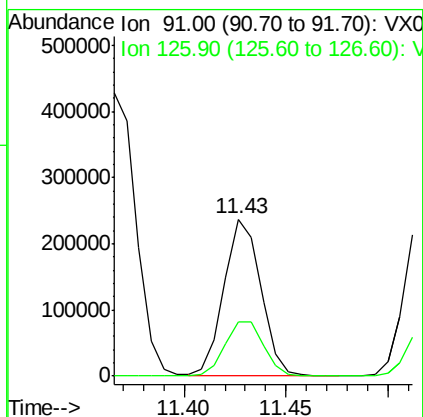
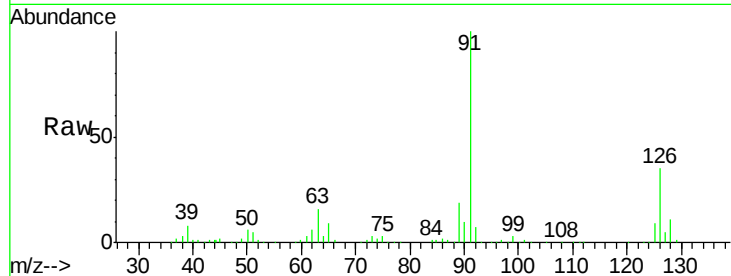




#79
 2-Chlorotoluene
 Concen: 44.08 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

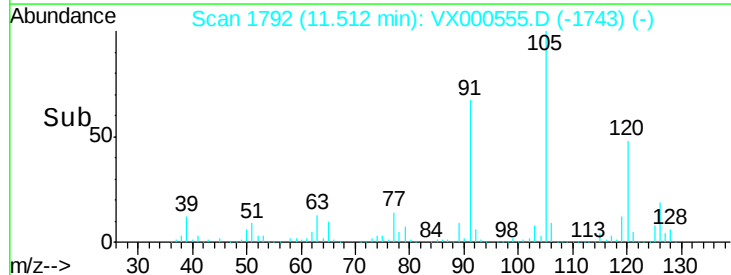
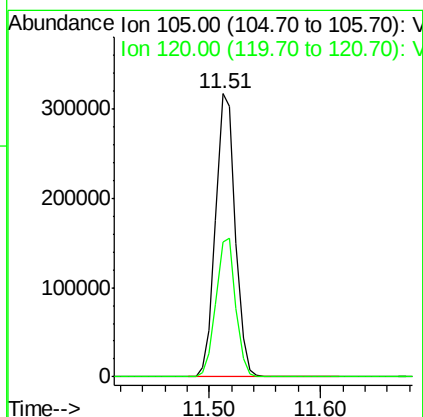
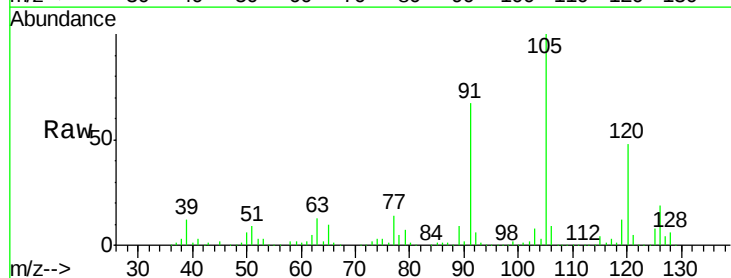
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

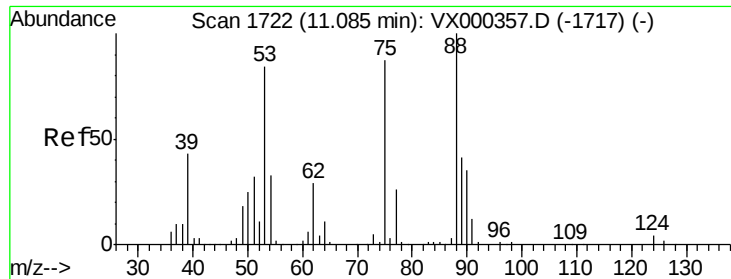
Tot Ion: 91 Resp: 296993
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.28 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion: 105 Resp: 388803
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 38.87 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

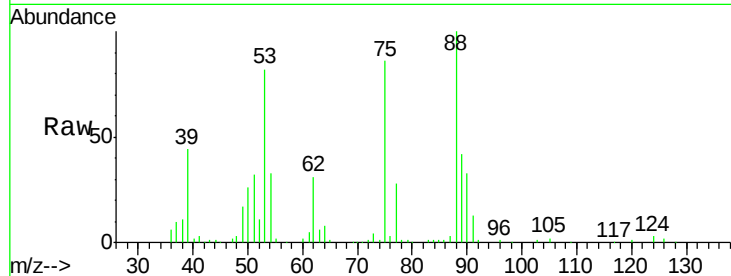
Tot Ion: 75 Resp: 38093

Ion Ratio Lower Upper

75 100

53 102.8 80.7 121.1

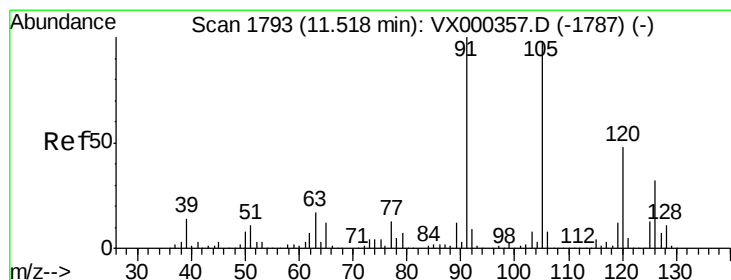
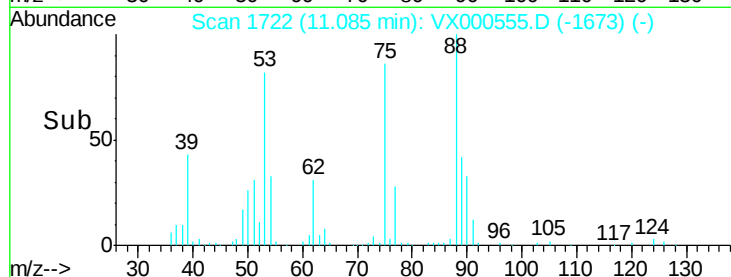
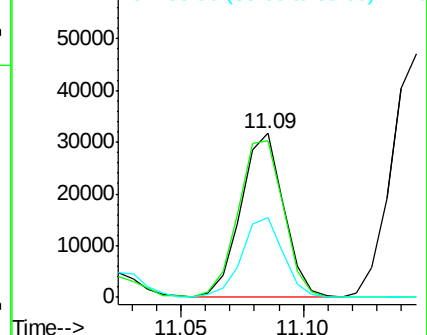
89 48.4 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.62 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000555.D

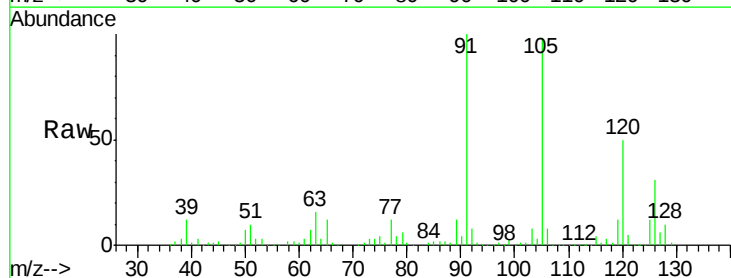
Acq: 30 Mar 2018 10:15

Tgt Ion: 91 Resp: 375066

Ion Ratio Lower Upper

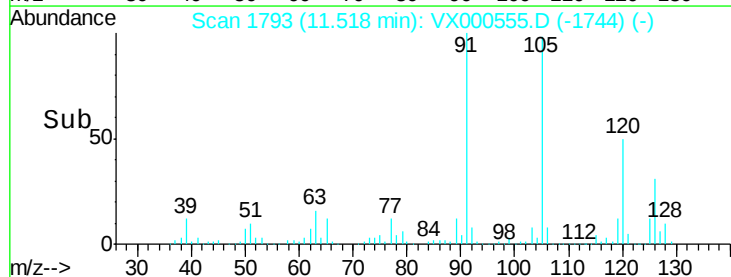
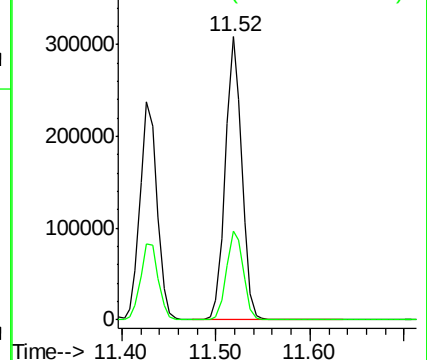
91 100

126 31.8 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

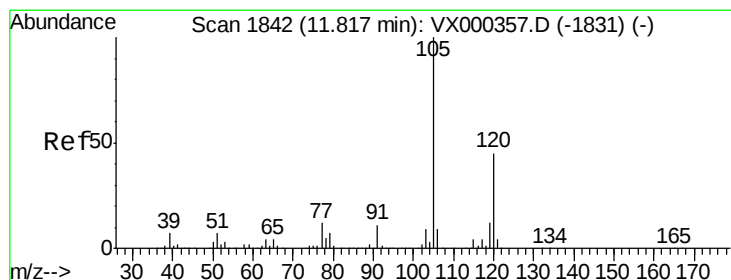
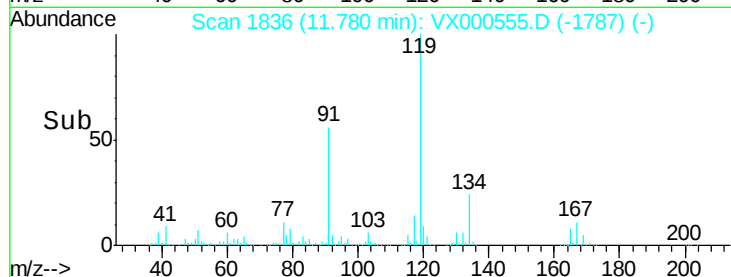
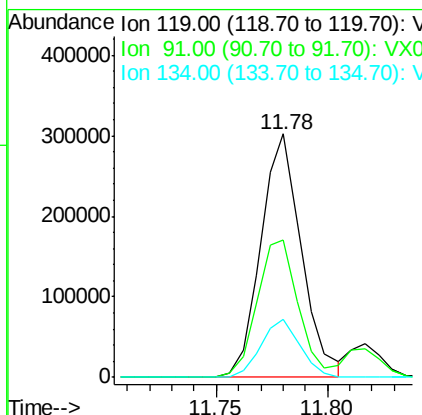
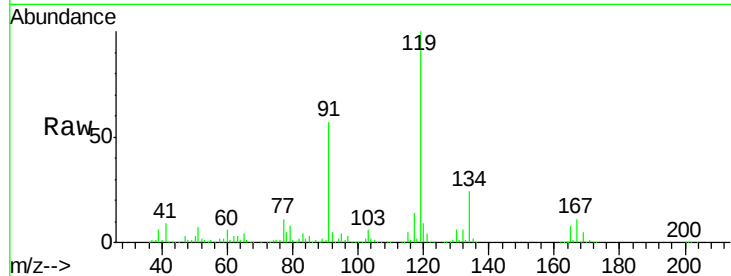




#83
 tert-Butylbenzene
 Concen: 46.04 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

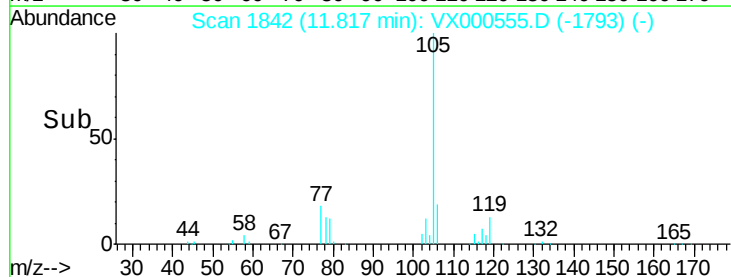
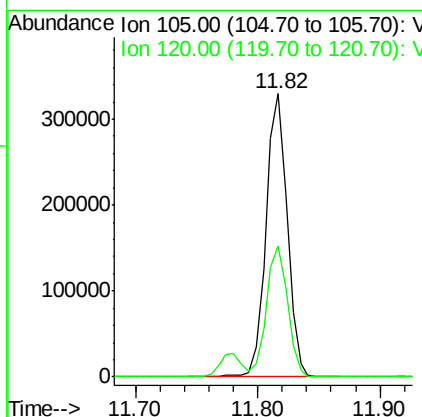
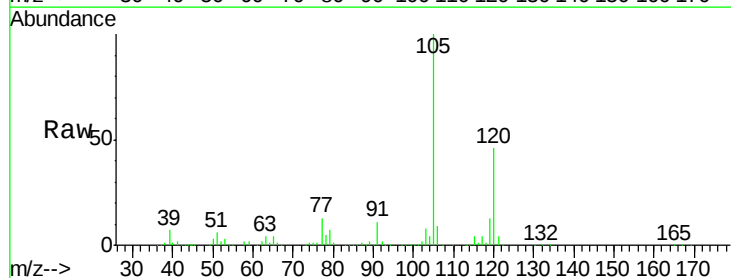
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

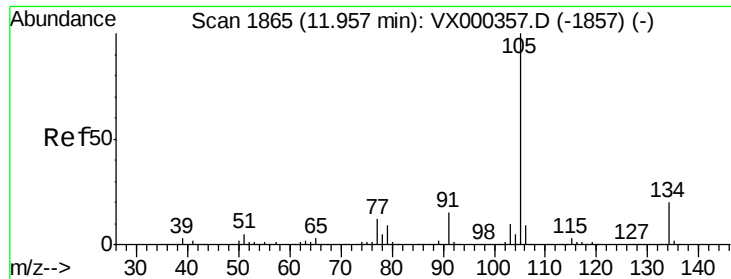
Tot Ion:119 Resp: 381872
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.8 86.4
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.17 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion:105 Resp: 398139
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 46.79 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

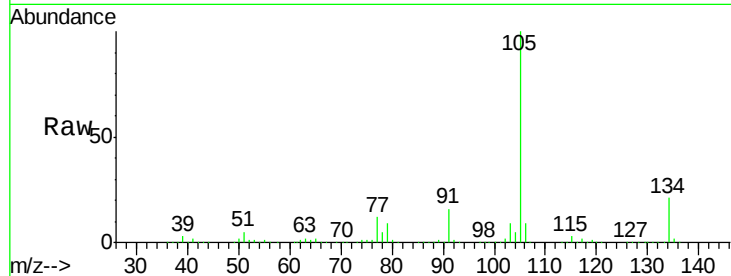
VSTDCCC050EC

Tot Ion:105 Resp: 480203

Ion Ratio Lower Upper

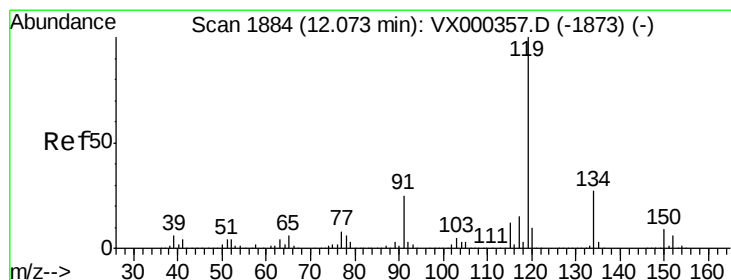
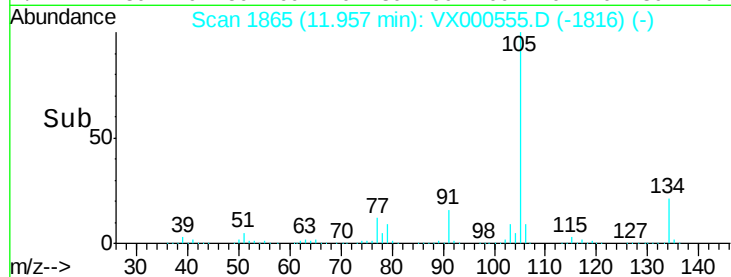
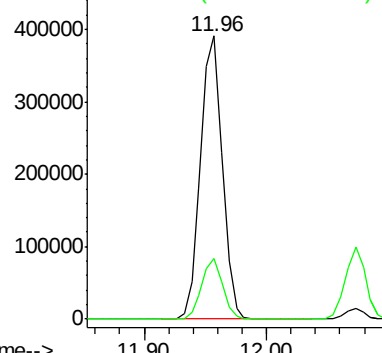
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.88 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

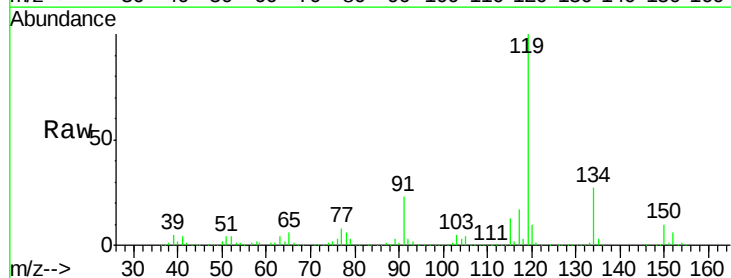
Tgt Ion:119 Resp: 436419

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

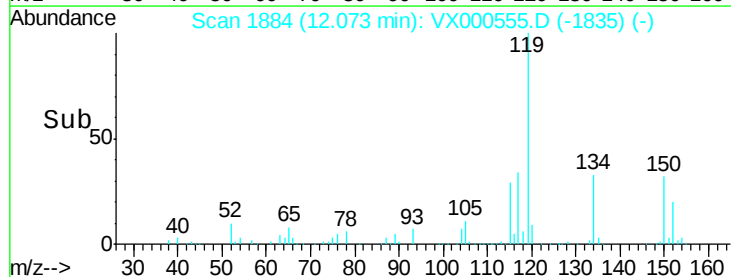
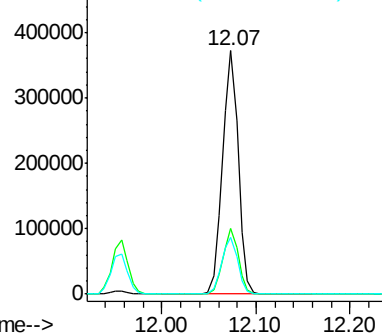
91 23.7 12.0 36.1

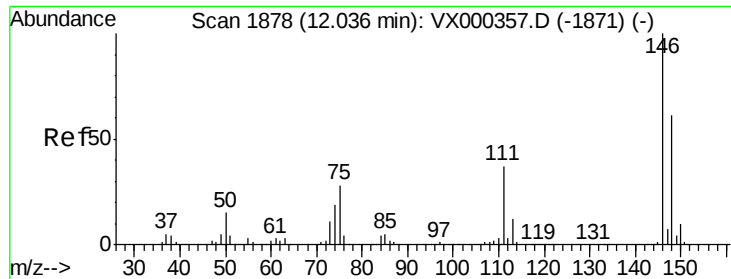


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

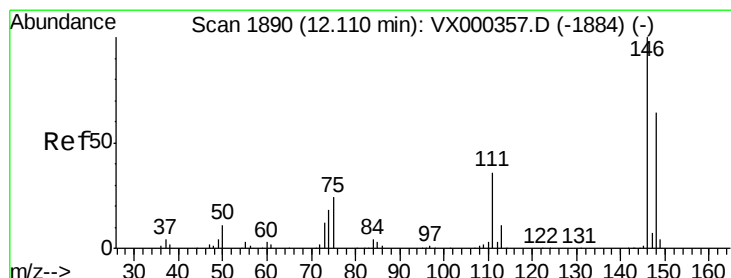
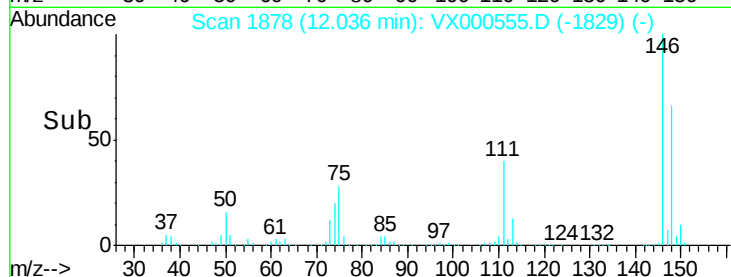
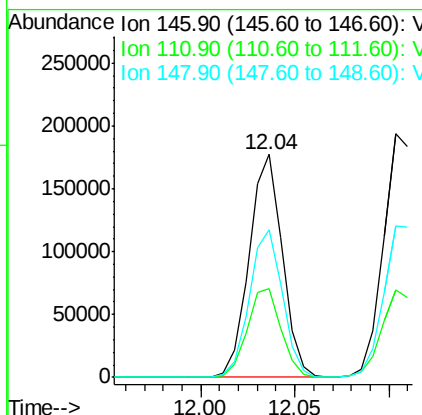
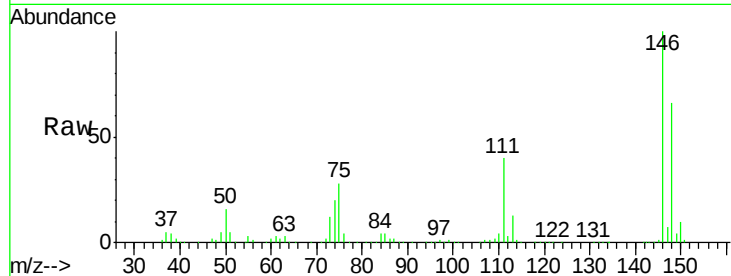




#87
 1,3-Dichlorobenzene
 Concen: 44.03 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

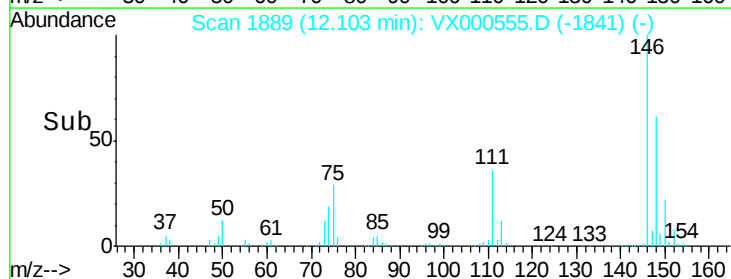
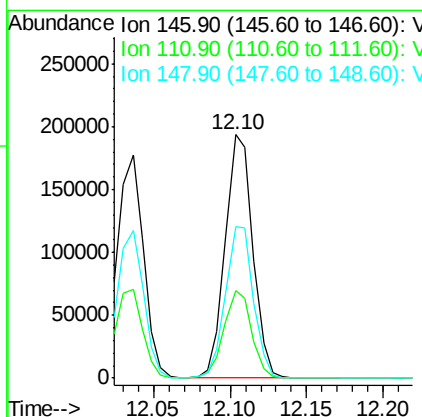
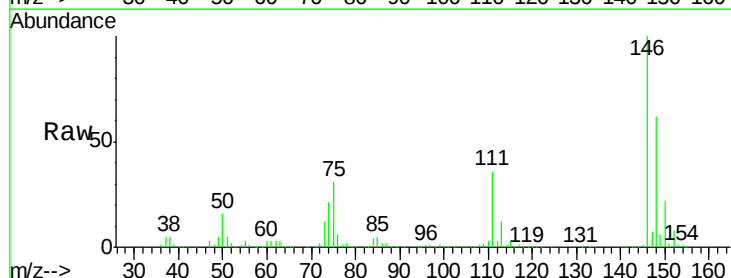
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

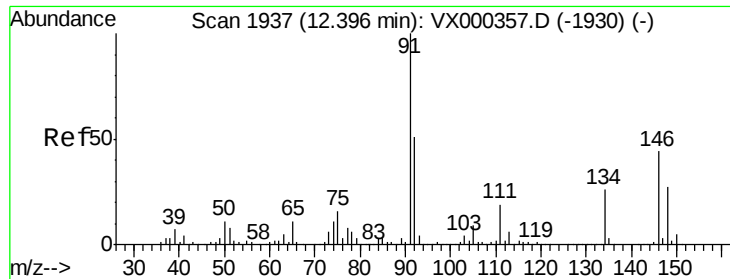
Tot Ion:146 Resp: 216909
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.5 58.5
 148 65.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 46.78 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion:146 Resp: 241983
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.9 56.9
 148 63.1 31.0 93.0





#89

n-Butylbenzene

Concen: 46.82 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000555.D

Acq: 30 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

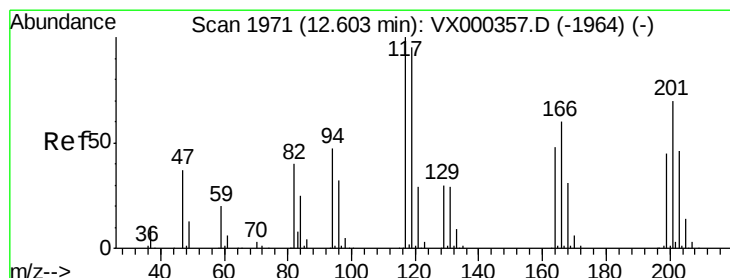
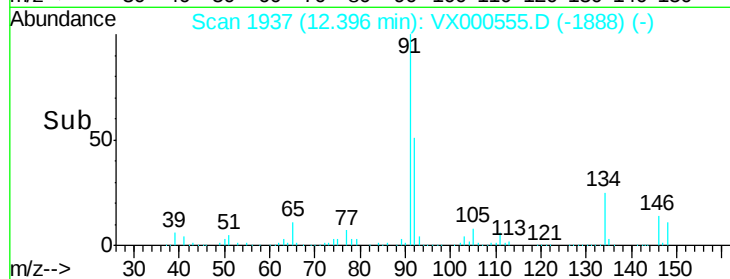
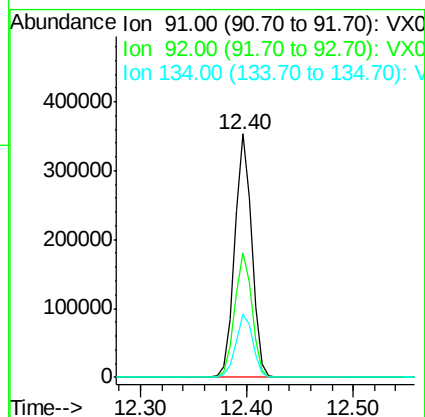
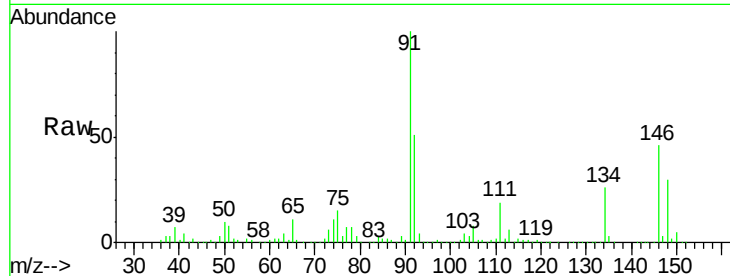
Tot Ion: 91 Resp: 397315

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.8

134 26.0 13.1 39.3



#90

Hexachloroethane

Concen: 48.30 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000555.D

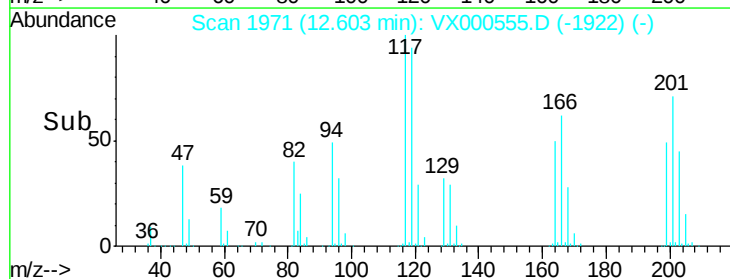
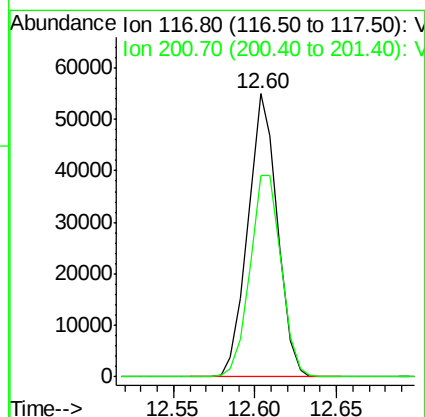
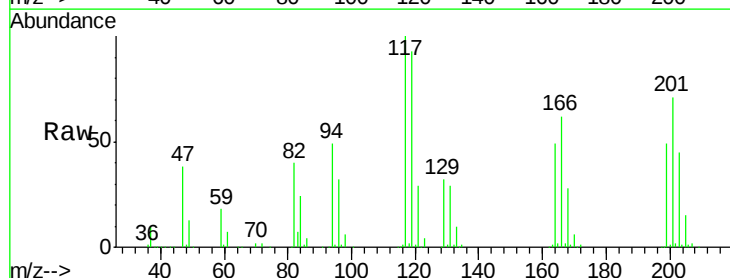
Acq: 30 Mar 2018 10:15

Tgt Ion: 117 Resp: 69298

Ion Ratio Lower Upper

117 100

201 75.9 37.9 113.6

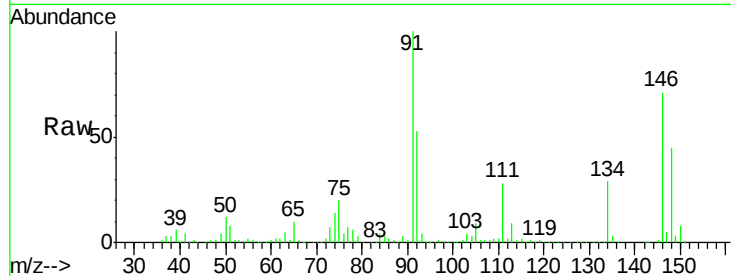




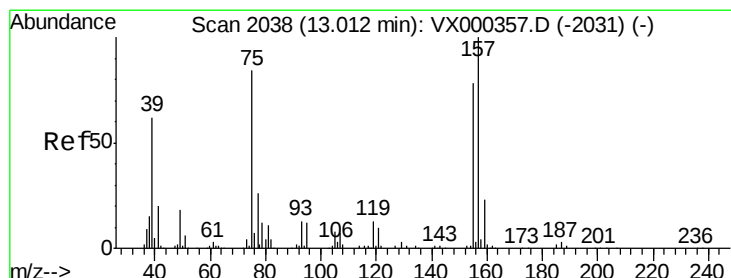
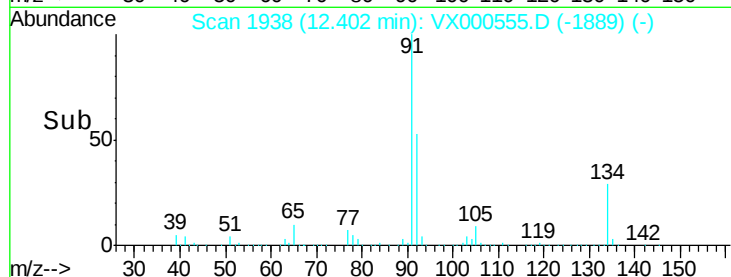
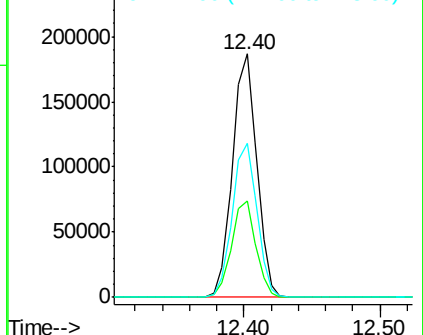
#91
 1,2-Dichlorobenzene
 Concen: 47.97 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 231707
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.1 60.2
 148 64.3 31.2 93.6

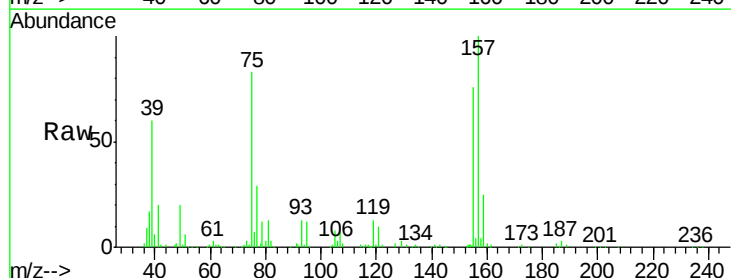


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

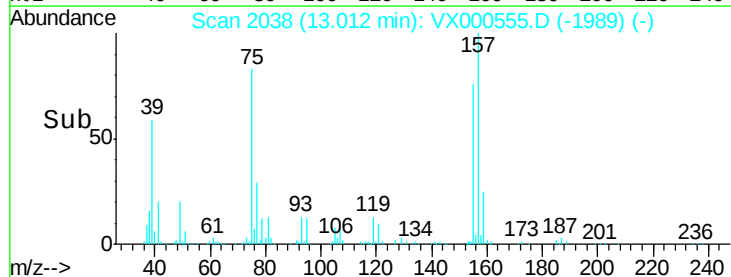
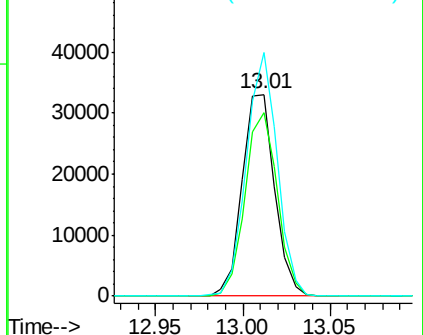


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.38 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion: 75 Resp: 42819
 Ion Ratio Lower Upper
 75 100
 155 90.1 45.0 134.8
 157 114.5 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

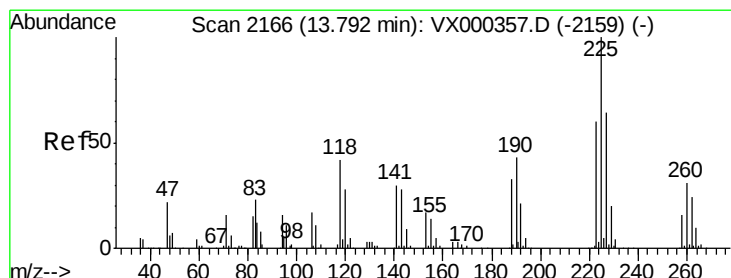
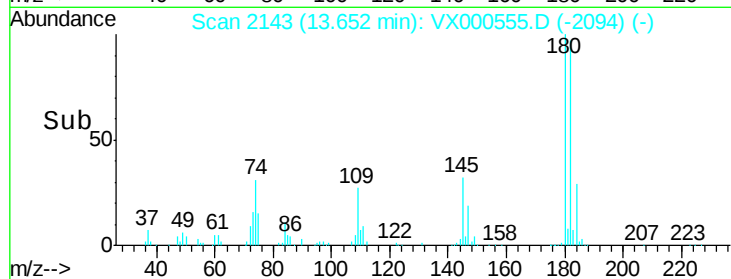
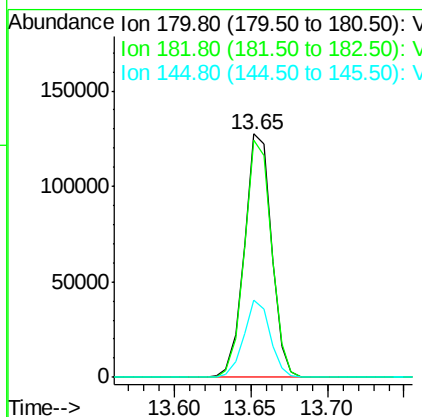
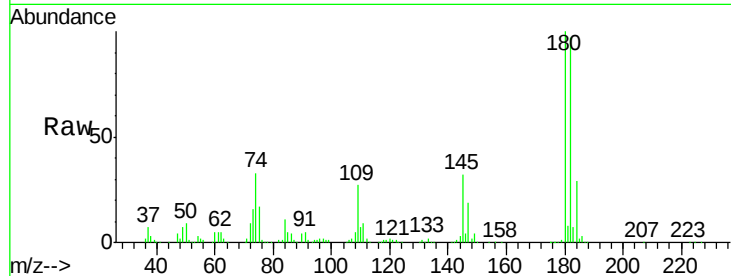




#93
 1,2,4-Trichlorobenzene
 Concen: 44.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

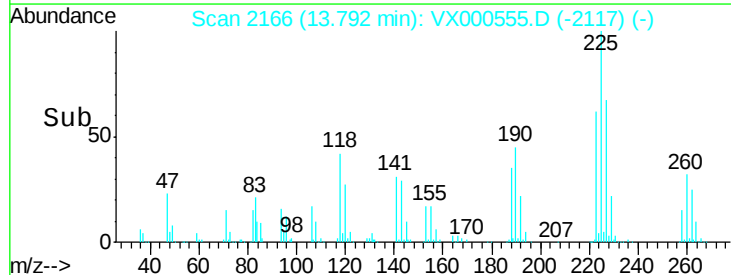
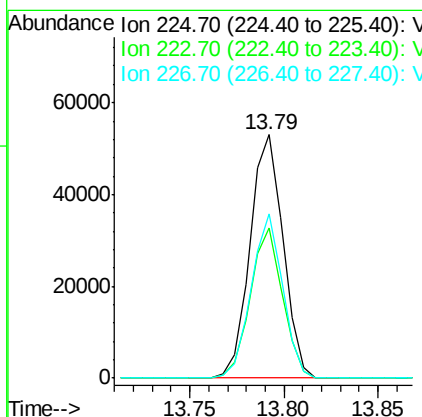
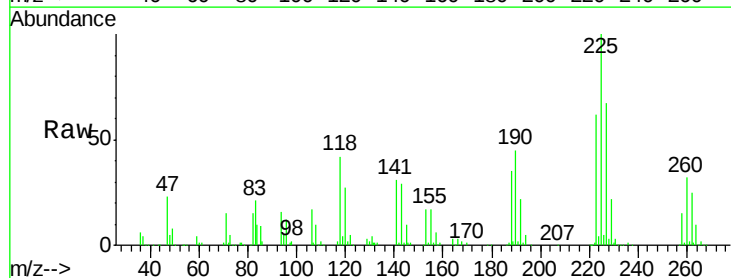
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.6	142.9
145	30.8	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 44.89 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000555.D
 Acq: 30 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	32.0	96.0
227	63.9	32.6	98.0

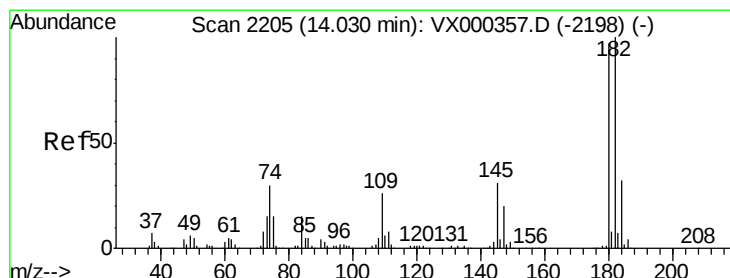
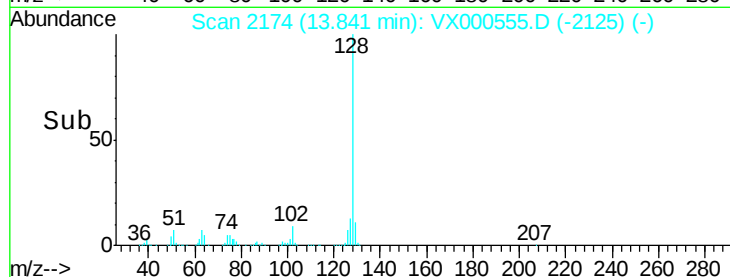
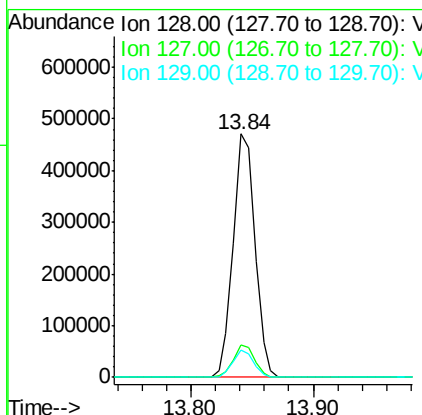
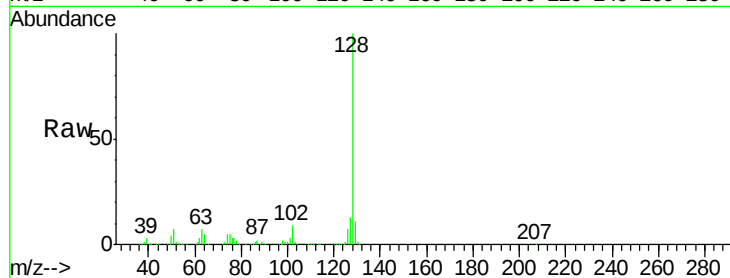




#95
Naphthalene
Concen: 48.01 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 579141
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.73 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000555.D
Acq: 30 Mar 2018 10:15

Tgt Ion:180 Resp: 159883
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.3
145 31.2 15.8 47.3

