

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012419\
 Data File : VX007214.D
 Acq On : 24 Jan 2019 19:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 25 00:06:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	447300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	674594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	617231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	241412	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	5.50	113	218696	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.71	98	802566	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	285919	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168732	45.936	ug/l	99
3) Chloromethane	1.33	50	193651	45.287	ug/l	98
4) Vinyl Chloride	1.41	62	213177	46.345	ug/l	98
5) Bromomethane	1.64	94	212339	43.207	ug/l	99
6) Chloroethane	1.71	64	145680	45.358	ug/l	99
7) Trichlorofluoromethane	1.92	101	362928	48.832	ug/l	97
8) Diethyl Ether	2.19	74	145103	49.073	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	213604	48.005	ug/l	99
10) Methyl Iodide	2.51	142	322556	53.740	ug/l	99
11) Tert butyl alcohol	3.09	59	275713	250.029	ug/l	99
12) 1,1-Dichloroethene	2.37	96	194823	47.390	ug/l	98
13) Acrolein	2.30	56	143897	301.919	ug/l	96
14) Allyl chloride	2.73	41	349098	49.549	ug/l	99
15) Acrylonitrile	3.15	53	669679	264.543	ug/l	99
16) Acetone	2.45	43	577103	249.719	ug/l	100
17) Carbon Disulfide	2.57	76	410685	38.802	ug/l	99
18) Methyl Acetate	2.78	43	404841	60.491	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	739183	51.804	ug/l	99
20) Methylene Chloride	2.85	84	233211	53.091	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	208569	45.526	ug/l	98
22) Diisopropyl ether	3.87	45	678061	51.192	ug/l	94
23) Vinyl Acetate	3.82	43	2817289	252.214	ug/l	99
24) 1,1-Dichloroethane	3.70	63	370726	50.055	ug/l	99
25) 2-Butanone	4.70	43	856249	258.943	ug/l	99
26) 2,2-Dichloropropane	4.59	77	252264	44.294	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	244524	48.389	ug/l	98
28) Bromochloromethane	5.02	49	163457	50.372	ug/l	96
29) Tetrahydrofuran	5.15	42	556162	258.806	ug/l	98
30) Chloroform	5.21	83	402723	51.934	ug/l	99
31) Cyclohexane	5.57	56	299659	45.458	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	334067	50.826	ug/l	98
36) 1,1-Dichloropropene	5.80	75	274274	46.764	ug/l	99
37) Ethyl Acetate	4.86	43	321931	51.199	ug/l	98
38) Carbon Tetrachloride	5.78	117	290933	49.303	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	328736	43.966	ug/l	97
40) Benzene	6.15	78	867618	48.481	ug/l	100
41) Methacrylonitrile	5.06	41	180356	49.790	ug/l	98
42) 1,2-Dichloroethane	6.20	62	302431	48.904	ug/l	100
43) Isopropyl Acetate	6.46	43	516350	52.061	ug/l	98
44) Trichloroethene	7.21	130	247946	46.235	ug/l	98
45) 1,2-Dichloropropane	7.52	63	221419	49.214	ug/l	99
46) Dibromomethane	7.66	93	158719	50.196	ug/l	97
47) Bromodichloromethane	7.90	83	286848	53.296	ug/l	99
48) Methyl methacrylate	7.77	41	264889	52.006	ug/l	95
49) 1,4-Dioxane	7.75	88	115945	996.770	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1706865	267.783	ug/l	99
52) Toluene	8.79	92	565609	49.173	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	311469	52.189	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	342335	51.941	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	246991	53.647	ug/l	97
56) Ethyl methacrylate	9.18	69	353151	52.543	ug/l	95
57) 1,3-Dichloropropane	9.37	76	392282	52.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	876996	253.778	ug/l	98
59) 2-Hexanone	9.49	43	1280804	263.681	ug/l	99
60) Dibromochloromethane	9.59	129	252015	56.372	ug/l	99
61) 1,2-Dibromoethane	9.67	107	262612	51.813	ug/l	99
64) Tetrachloroethene	9.34	164	242279	45.338	ug/l	97
65) Chlorobenzene	10.14	112	658689	48.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	241955	53.427	ug/l	99
67) Ethyl Benzene	10.25	91	1073749	48.314	ug/l	99
68) m/p-Xylenes	10.36	106	844226	96.416	ug/l	99
69) o-Xylene	10.70	106	418522	49.011	ug/l	98
70) Styrene	10.71	104	677938	50.127	ug/l	99
71) Bromoform	10.86	173	190620	47.327	ug/l	99
73) Isopropylbenzene	11.02	105	1120572	50.074	ug/l	99
74) N-amyl acetate	10.90	43	464523	51.556	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	362047	50.961	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	403692	62.771	ug/l	91
77) Bromobenzene	11.26	156	300886	48.797	ug/l	100
78) n-propylbenzene	11.36	91	1222280	49.754	ug/l	100
79) 2-Chlorotoluene	11.42	91	722456	48.854	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	911884	48.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	96655	45.707	ug/l	100
82) 4-Chlorotoluene	11.51	91	843425	49.259	ug/l	100
83) tert-Butylbenzene	11.77	119	939000	50.331	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	931010	49.513	ug/l	100
85) sec-Butylbenzene	11.94	105	1107933	49.726	ug/l	100
86) p-Isopropyltoluene	12.07	119	1005735	50.465	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	535813	48.076	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	535073	50.669	ug/l	99
89) n-Butylbenzene	12.39	91	839219	49.397	ug/l	99
90) Hexachloroethane	12.60	117	158065	49.699	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	536424	48.772	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	75233	53.544	ug/l	97

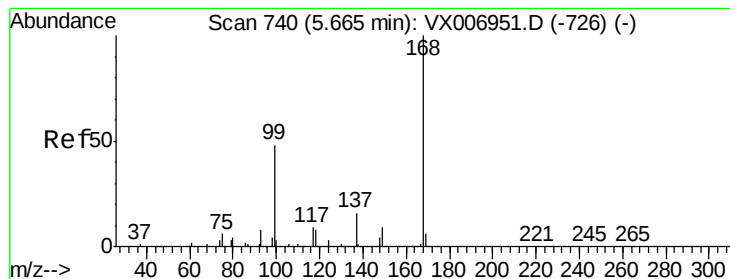
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QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	373595	49.510	ug/l	100
94) Hexachlorobutadiene	13.78	225	176138	52.601	ug/l	98
95) Naphthalene	13.83	128	1175047	51.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	379090	50.573	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

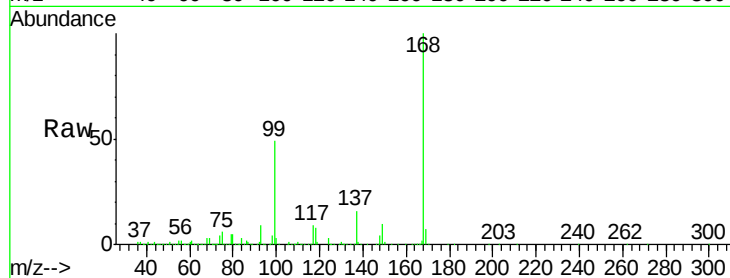
VSTDCCC050EC

Tot Ion:168 Resp: 447300

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

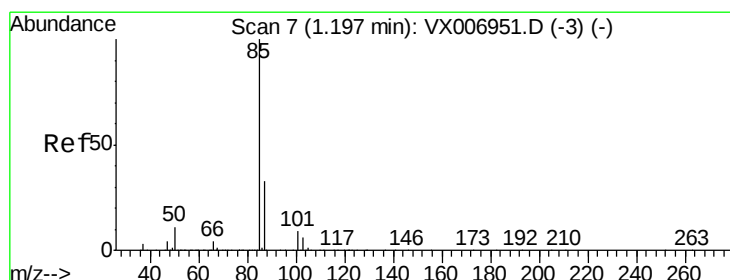
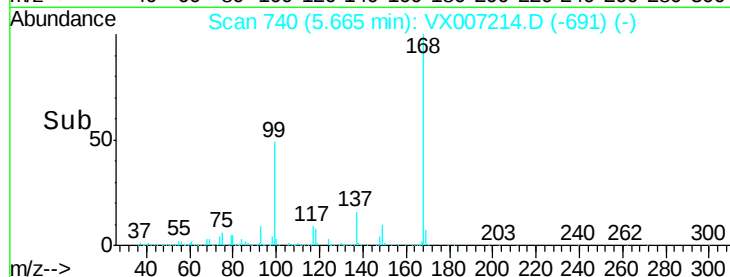
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.936 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007214.D

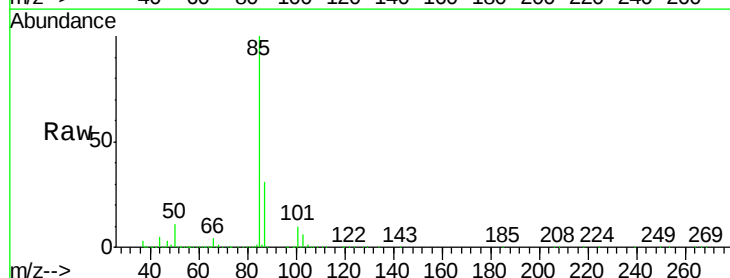
Acq: 24 Jan 2019 19:55

Tgt Ion: 85 Resp: 168732

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

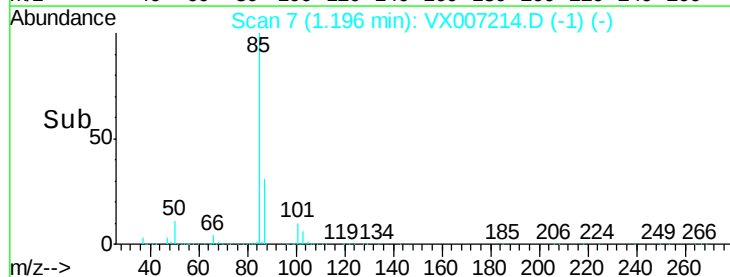
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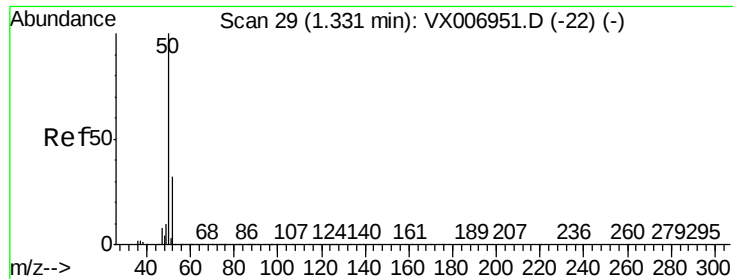
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Time-->

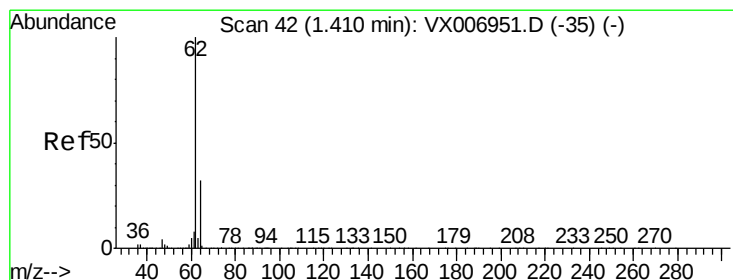
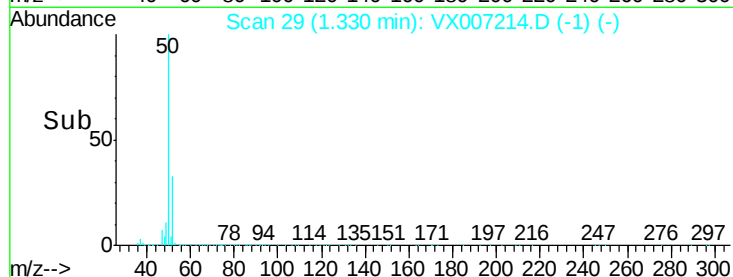
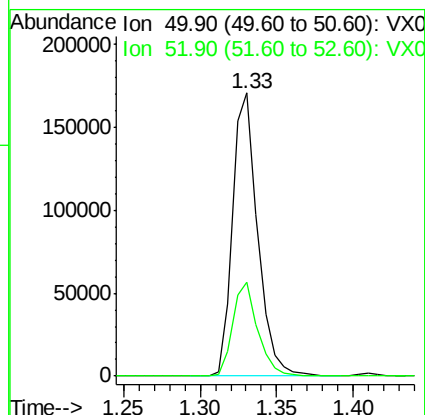
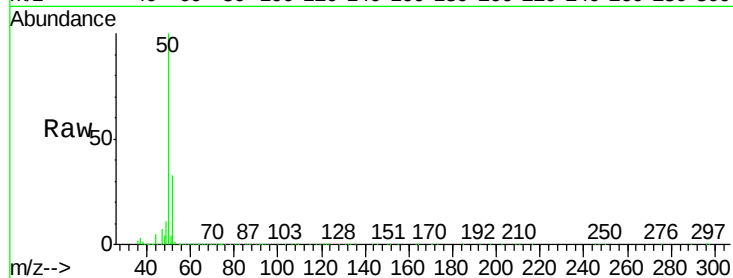




#3
Chloromethane
Concen: 45.287 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

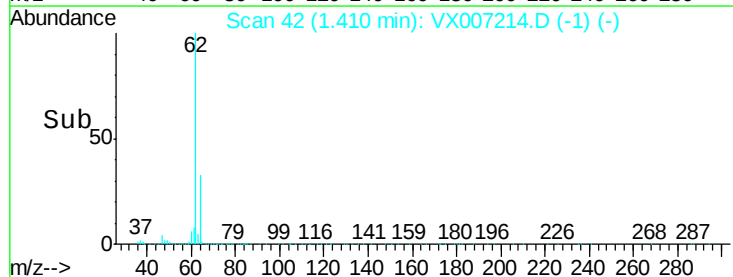
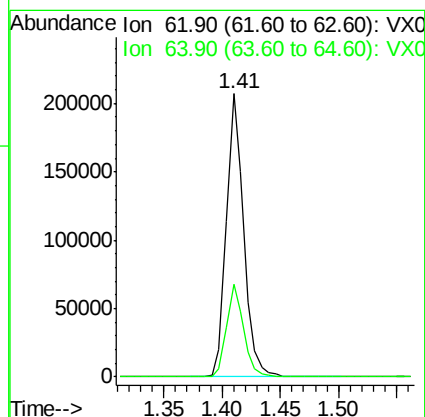
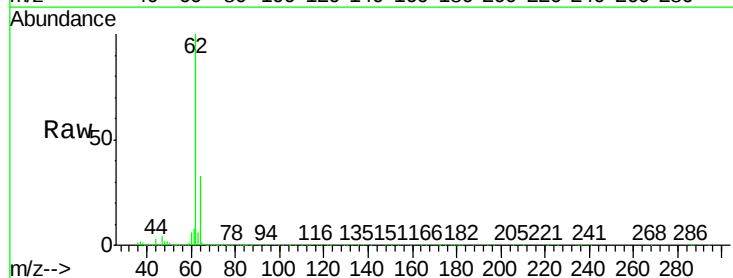
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

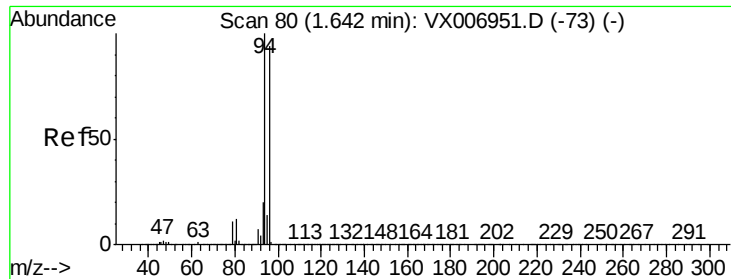
Tot Ion: 50 Resp: 193651
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 46.345 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 62 Resp: 213177
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7





#5

Bromomethane

Concen: 43.207 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

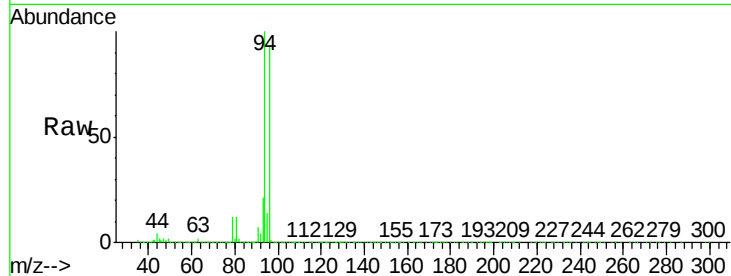
VSTDCCC050EC

Tot Ion: 94 Resp: 212339

Ion Ratio Lower Upper

94 100

96 93.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200000

150000

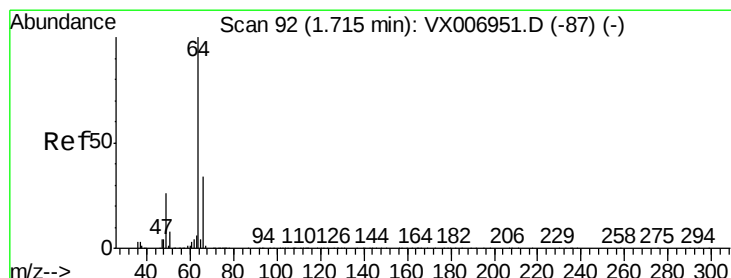
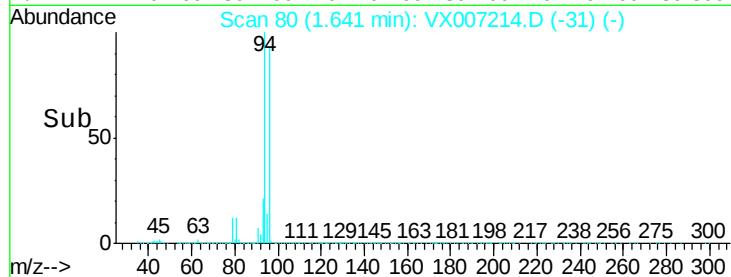
100000

50000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 45.358 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007214.D

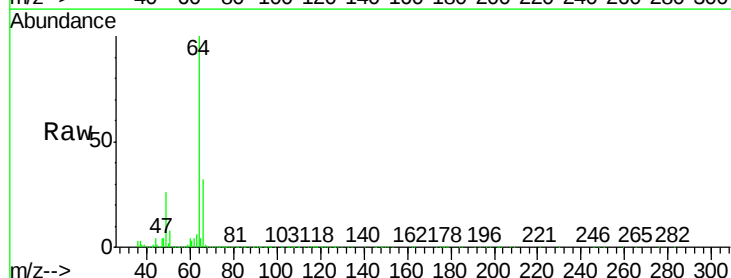
Acq: 24 Jan 2019 19:55

Tgt Ion: 64 Resp: 145680

Ion Ratio Lower Upper

64 100

66 32.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

120000

100000

80000

60000

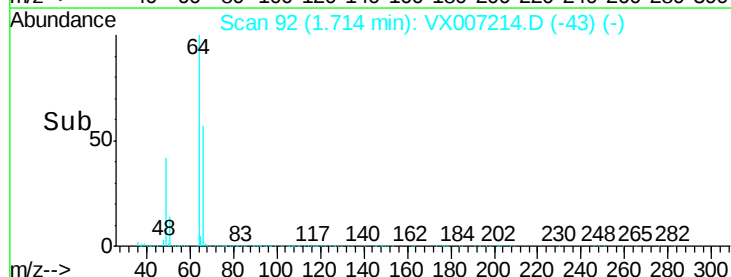
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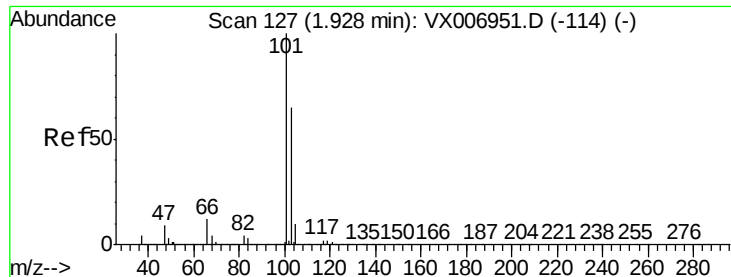
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Time-->

1.65 1.70 1.75 1.80



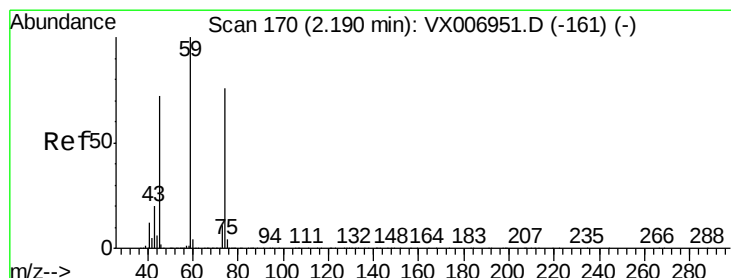
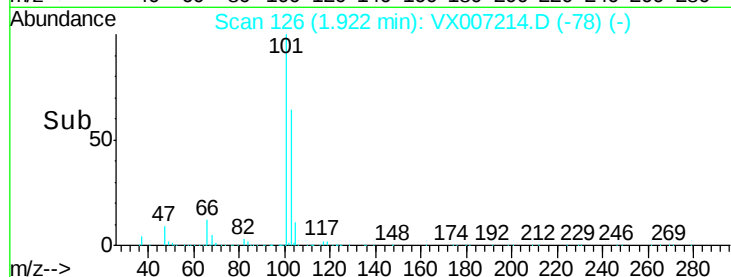
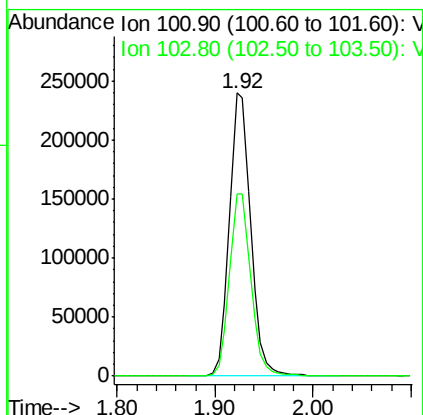
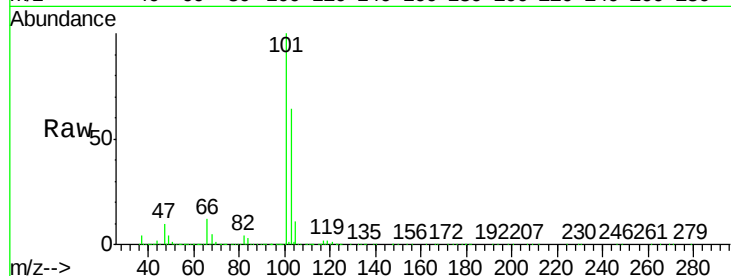


#7

Trichlorofluoromethane
Concen: 48.832 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
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VSTDCCC050EC

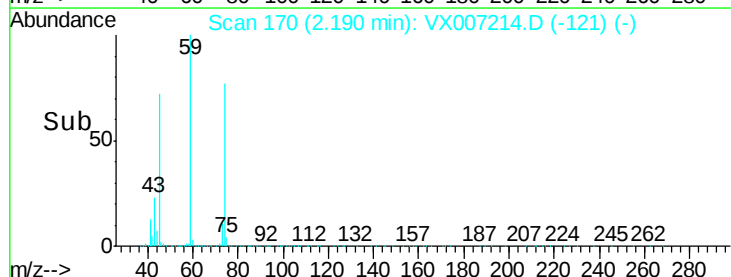
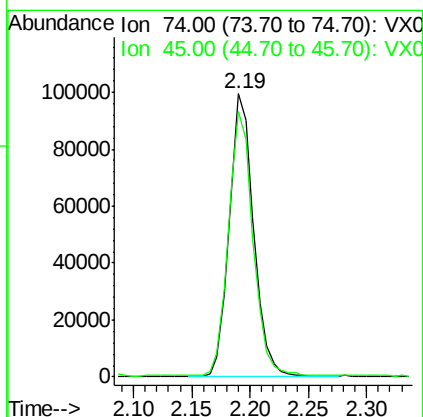
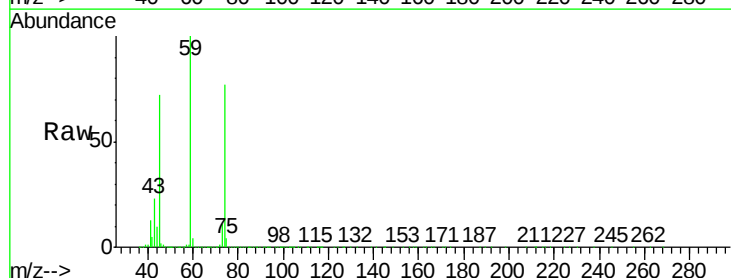
Tot Ion:101 Resp: 362928
Ion Ratio Lower Upper
101 100
103 64.4 53.2 79.8

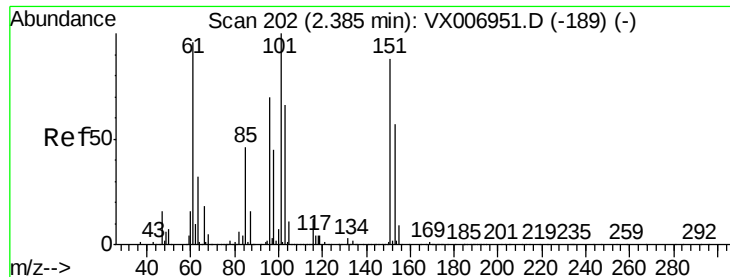


#8

Diethyl Ether
Concen: 49.073 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 74 Resp: 145103
Ion Ratio Lower Upper
74 100
45 93.6 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.005 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

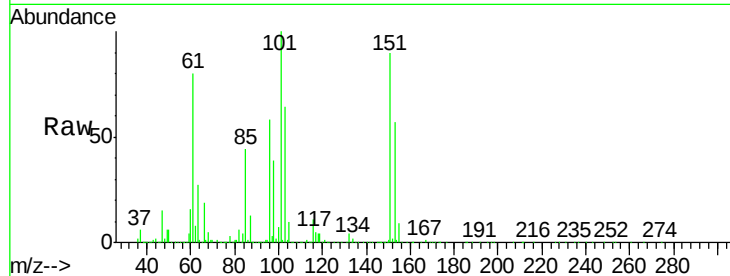
Tot Ion:101 Resp: 213604

Ion Ratio Lower Upper

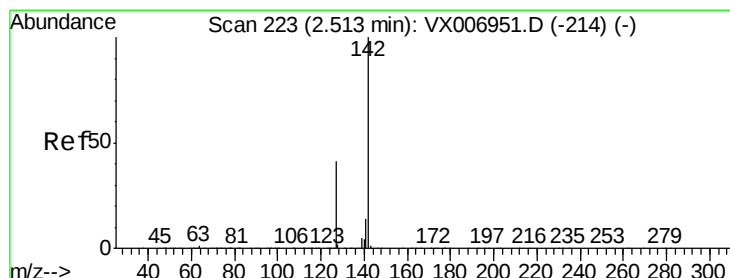
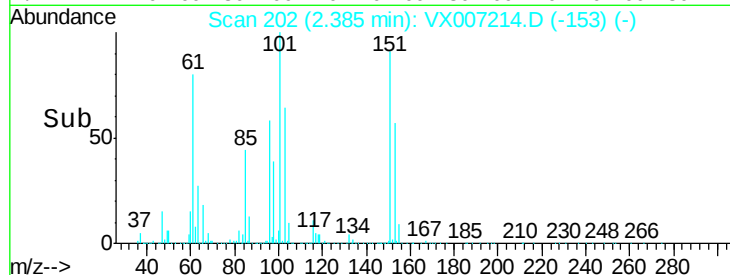
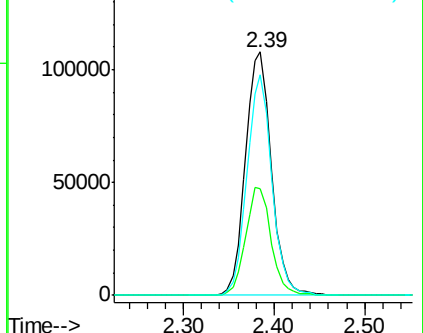
101 100

85 43.4 35.1 52.7

151 87.0 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.740 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

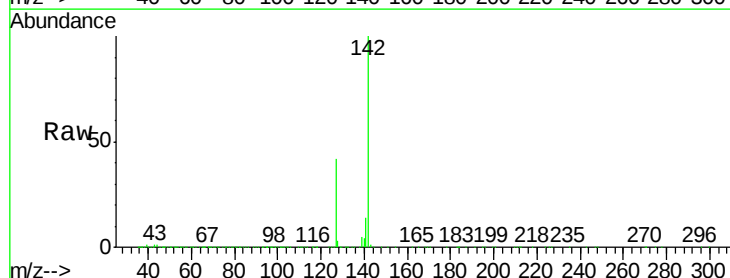
Tgt Ion:142 Resp: 322556

Ion Ratio Lower Upper

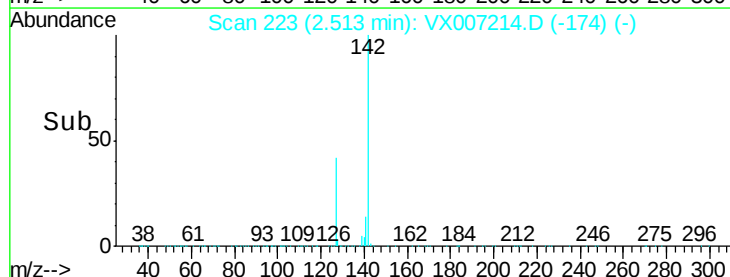
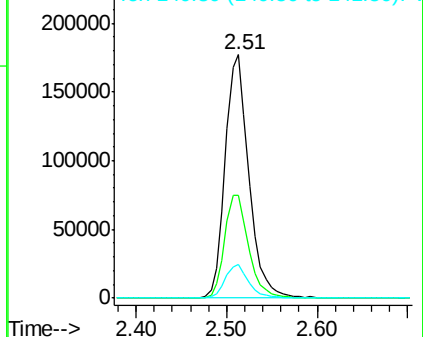
142 100

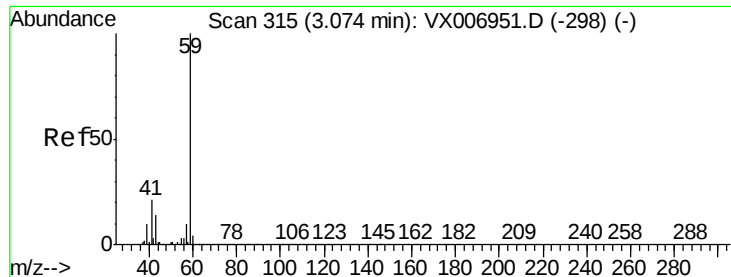
127 43.2 33.9 50.9

141 13.8 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



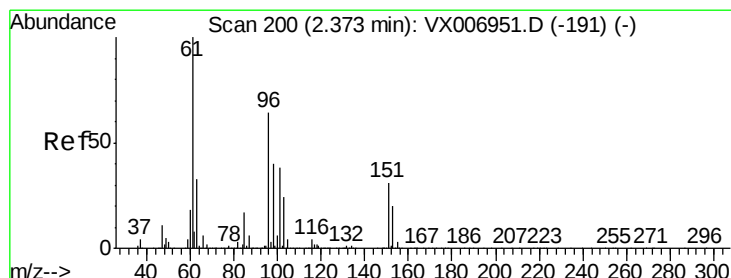
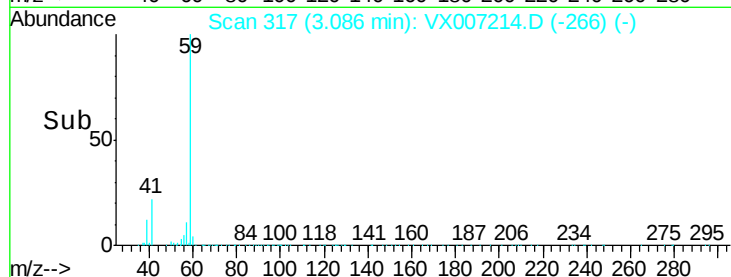
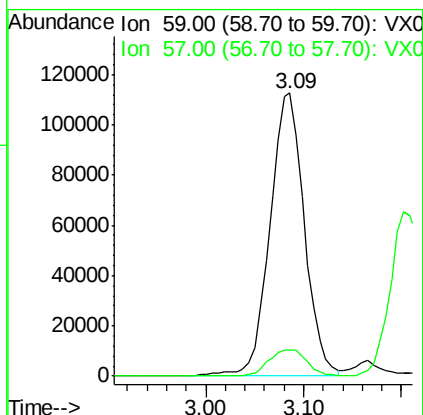
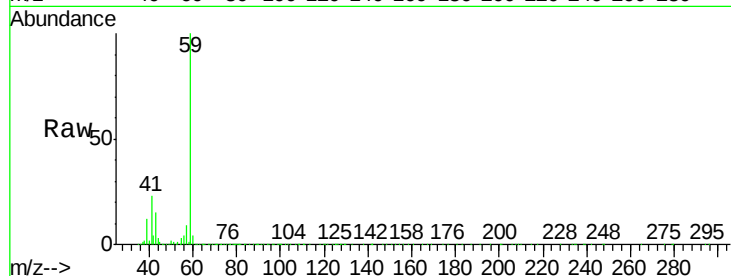


#11

Tert butyl alcohol
Concen: 250.029 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

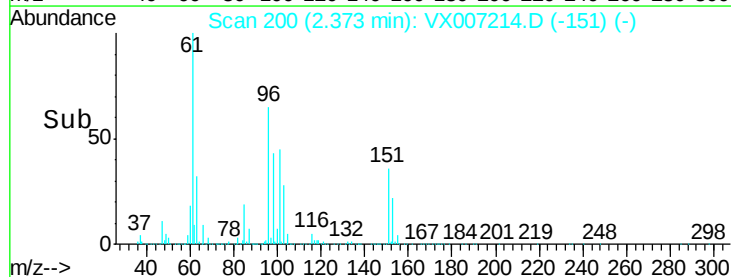
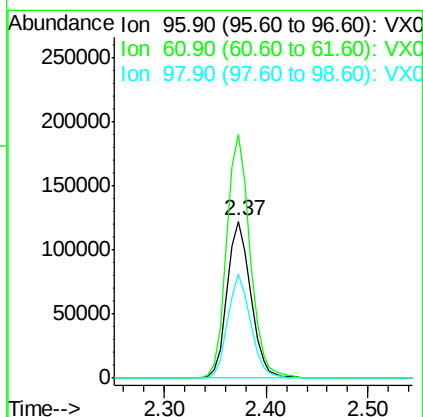
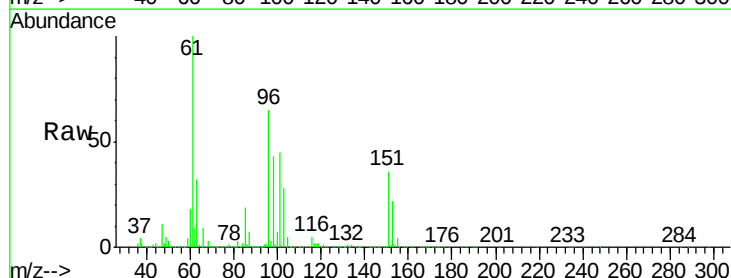
Tot Ion: 59 Resp: 275713
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

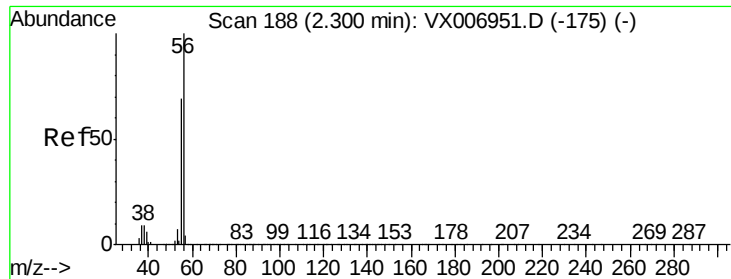


#12

1,1-Dichloroethene
Concen: 47.390 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 96 Resp: 194823
Ion Ratio Lower Upper
96 100
61 154.9 121.4 182.2
98 66.0 51.9 77.9

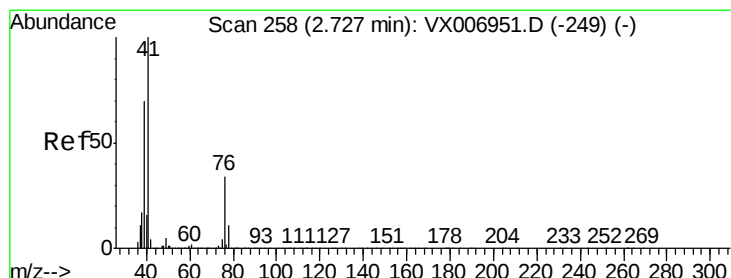
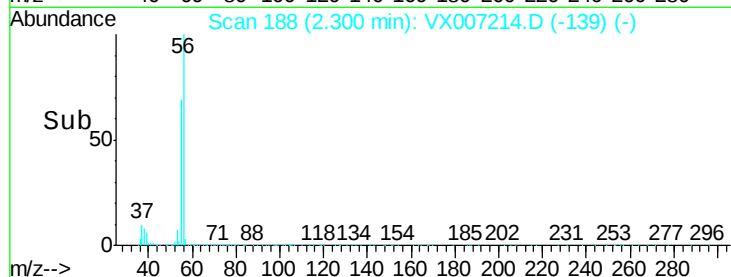
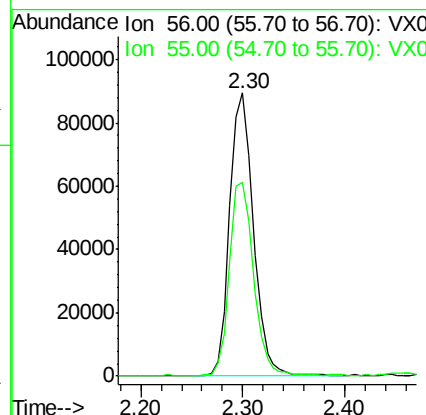
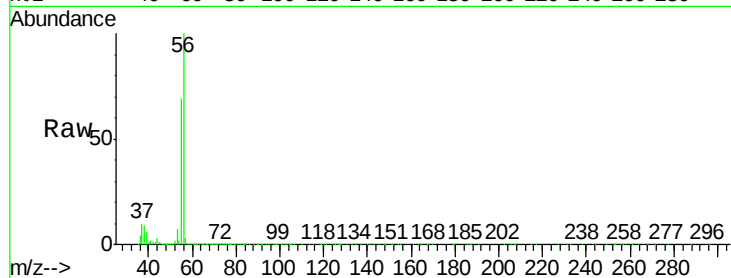




#13
 Acrolein
 Concen: 301.919 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

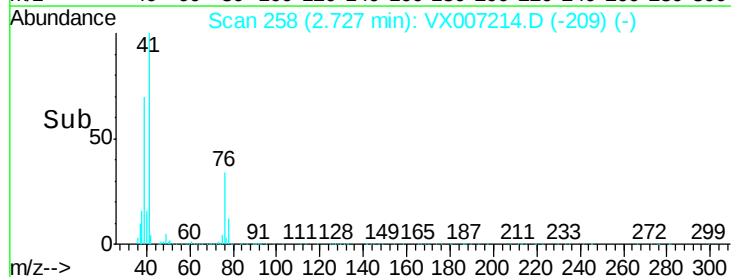
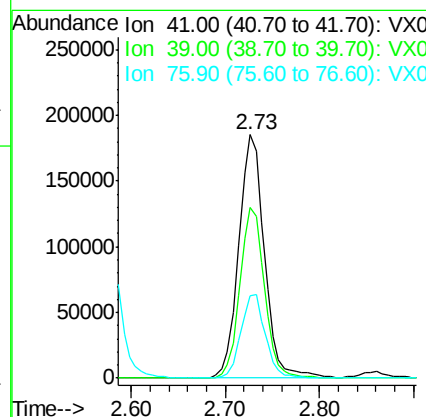
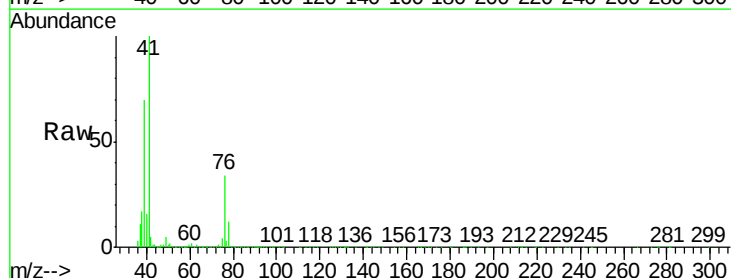
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

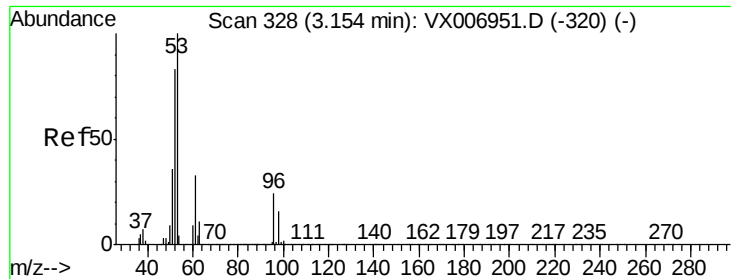
Tot Ion: 56 Resp: 143897
 Ion Ratio Lower Upper
 56 100
 55 69.6 58.2 87.4



#14
 Allyl chloride
 Concen: 49.549 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion: 41 Resp: 349098
 Ion Ratio Lower Upper
 41 100
 39 67.3 53.6 80.4
 76 32.9 27.4 41.2





#15

Acrylonitrile

Concen: 264.543 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

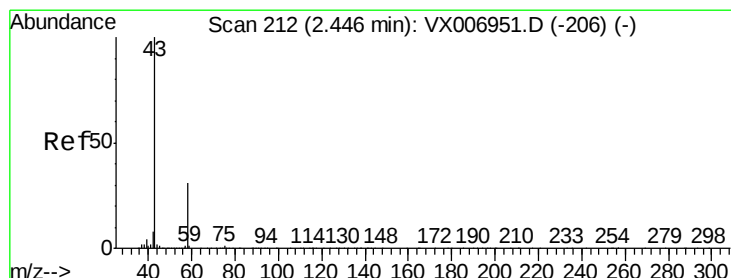
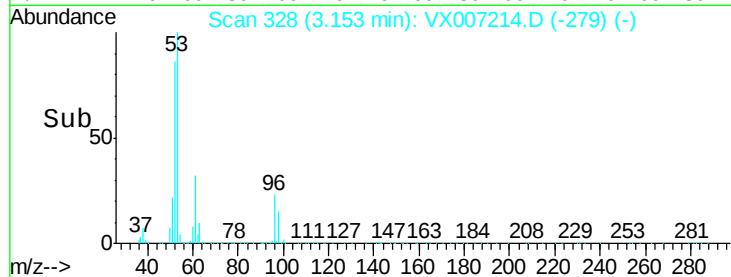
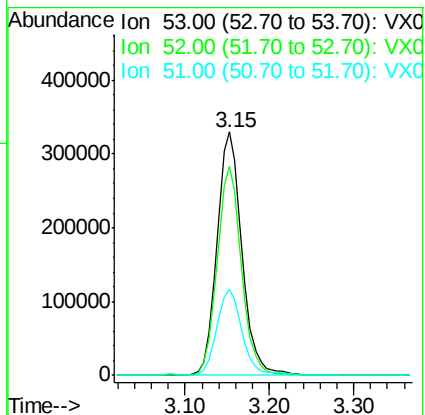
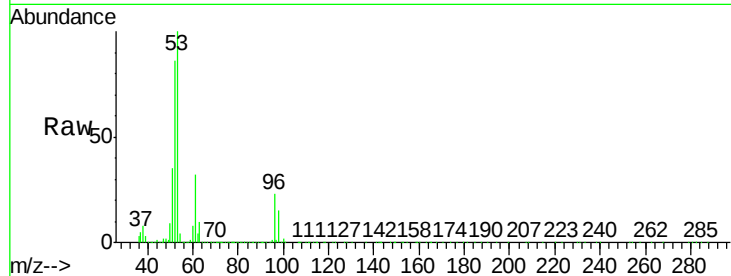
Tot Ion: 53 Resp: 669679

Ion Ratio Lower Upper

53 100

52 83.6 66.0 99.0

51 35.7 28.6 42.8



#16

Acetone

Concen: 249.719 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007214.D

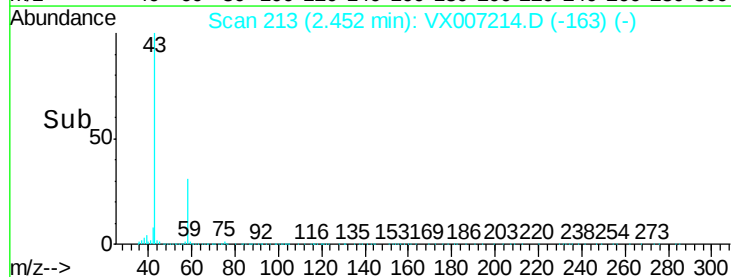
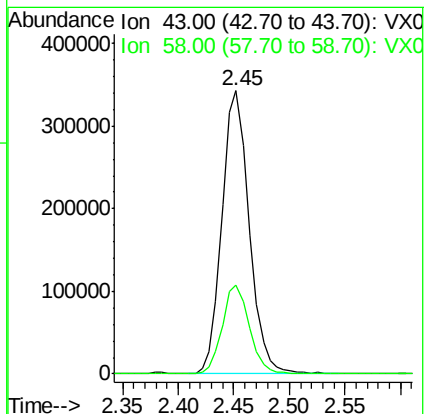
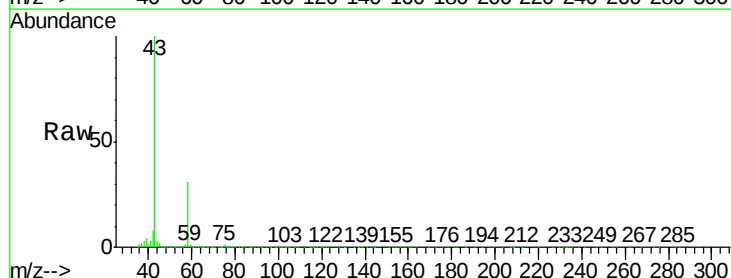
Acq: 24 Jan 2019 19:55

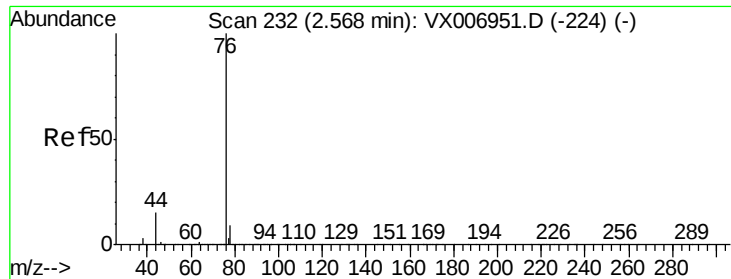
Tgt Ion: 43 Resp: 577103

Ion Ratio Lower Upper

43 100

58 31.5 25.0 37.6





#17

Carbon Disulfide

Concen: 38.802 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

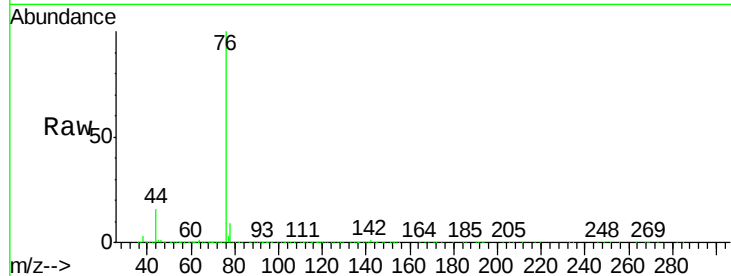
VSTDCCC050EC

Tot Ion: 76 Resp: 410685

Ion Ratio Lower Upper

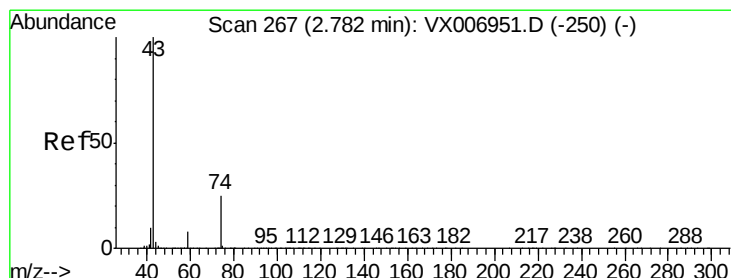
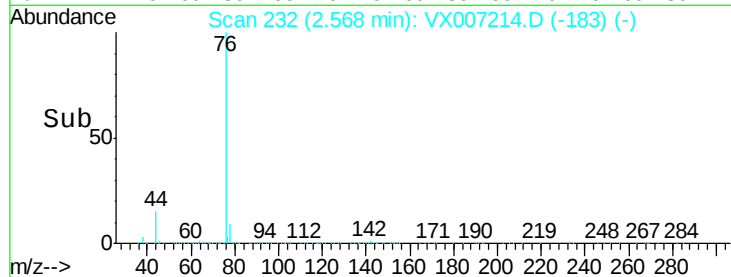
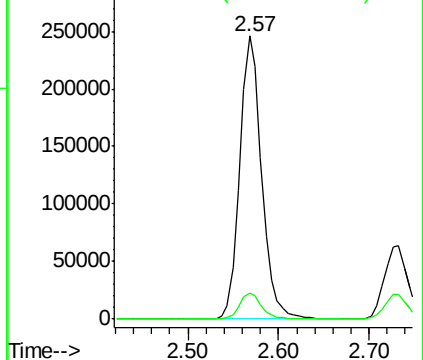
76 100

78 9.2 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: 60.491 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007214.D

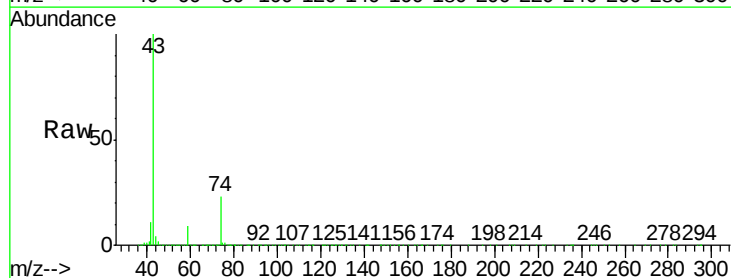
Acq: 24 Jan 2019 19:55

Tgt Ion: 43 Resp: 404841

Ion Ratio Lower Upper

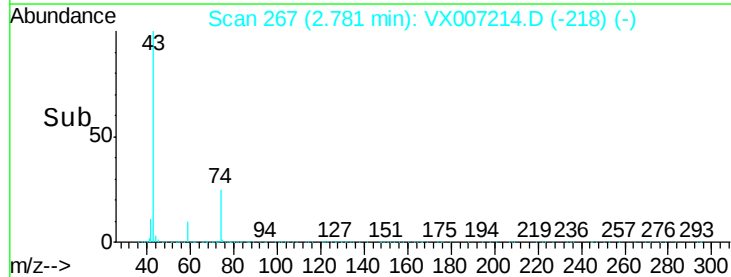
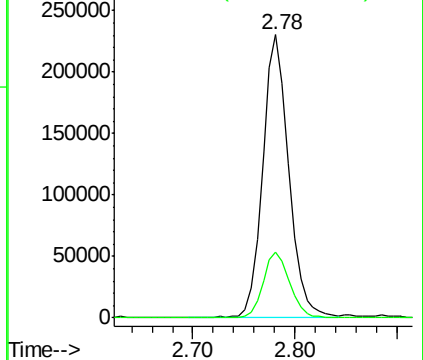
43 100

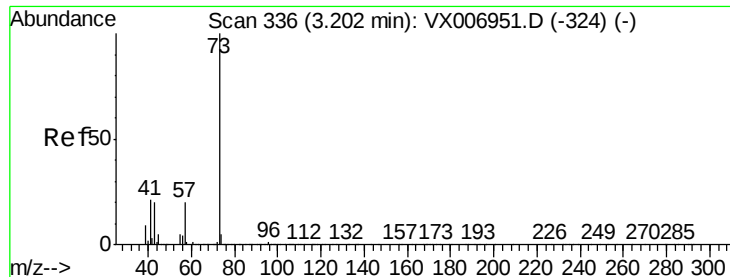
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



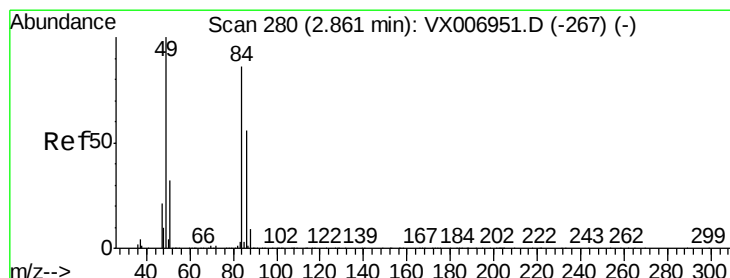
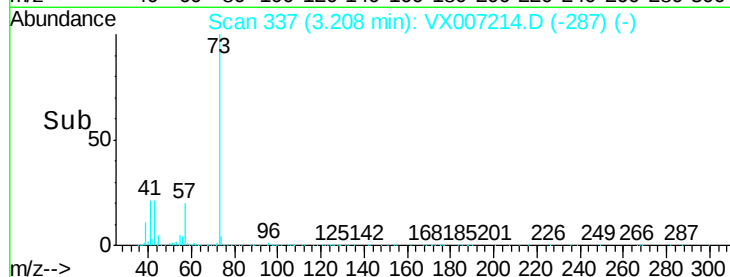
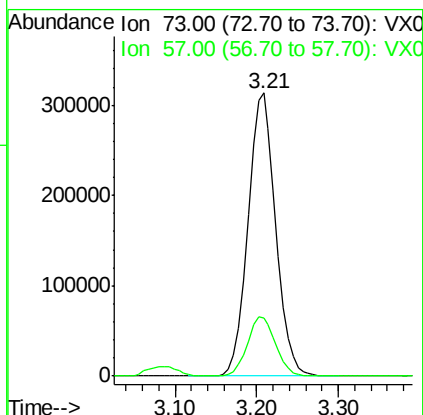
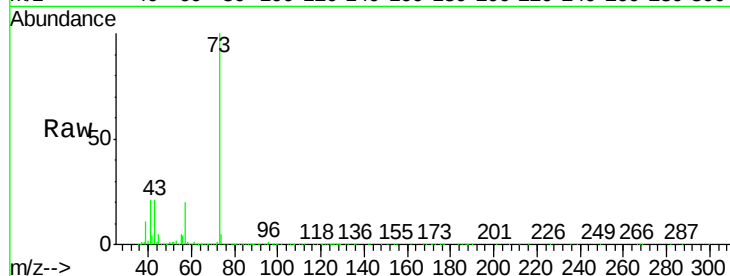


#19

Methyl tert-butyl Ether
 Concen: 51.804 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

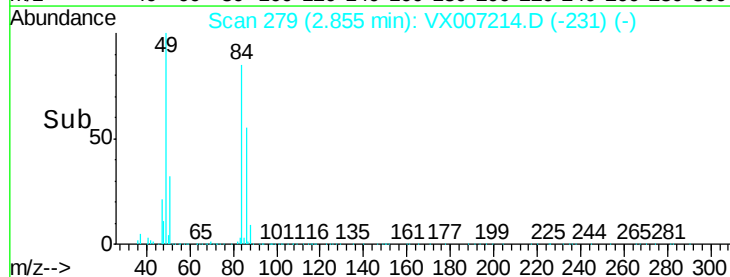
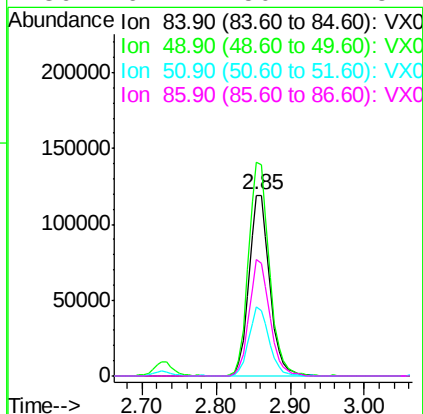
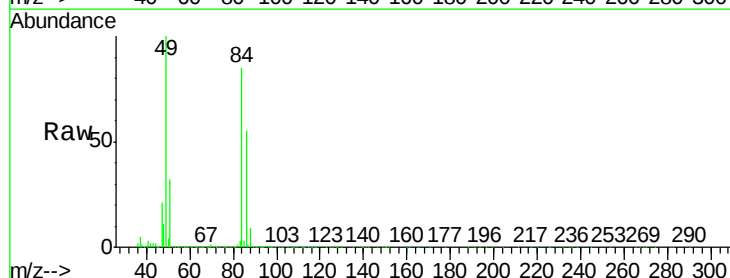
Tot Ion: 73 Resp: 739183
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.8 25.2

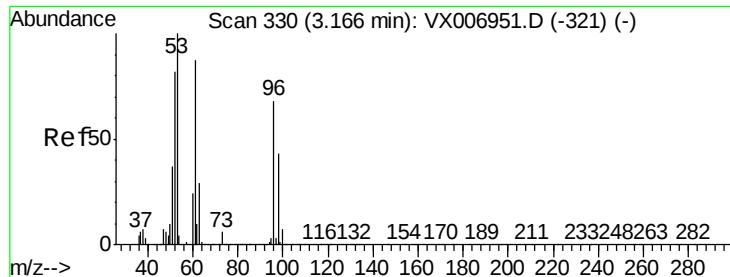


#20

Methylene Chloride
 Concen: 53.091 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion: 84 Resp: 233211
 Ion Ratio Lower Upper
 84 100
 49 117.6 91.8 137.6
 51 37.6 28.5 42.7
 86 64.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.526 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

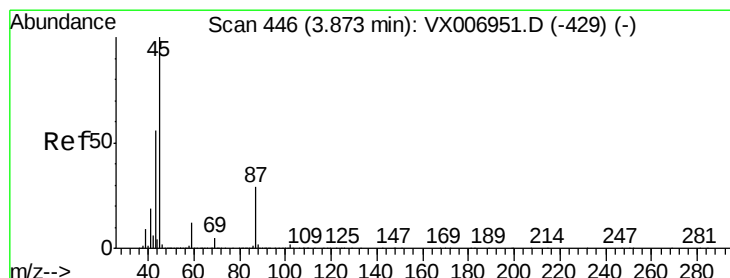
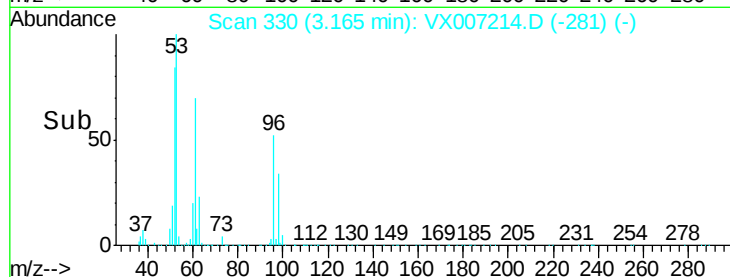
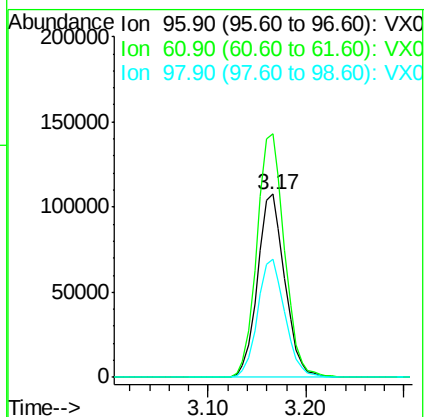
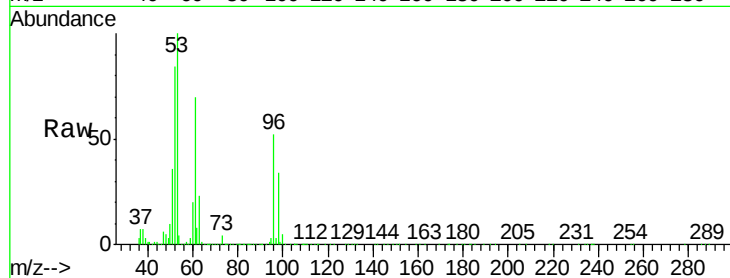
Tot Ion: 96 Resp: 208569

Ion Ratio Lower Upper

96 100

61 132.7 103.7 155.5

98 64.6 51.0 76.6



#22

Diisopropyl ether

Concen: 51.192 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion: 45 Resp: 678061

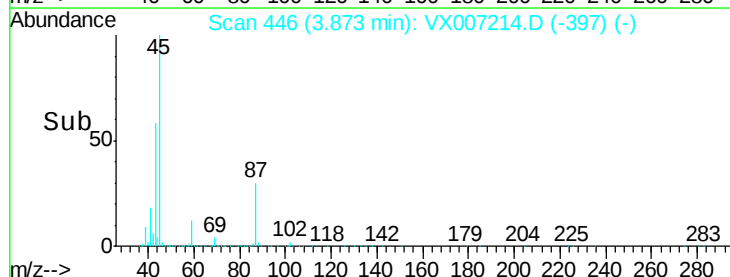
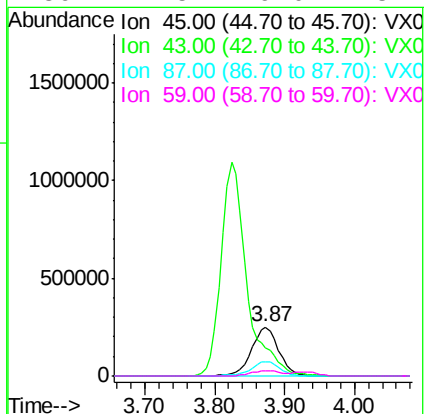
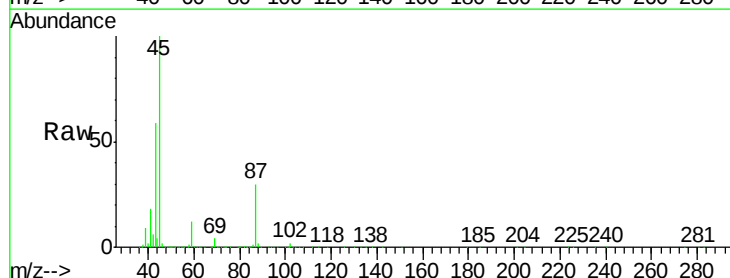
Ion Ratio Lower Upper

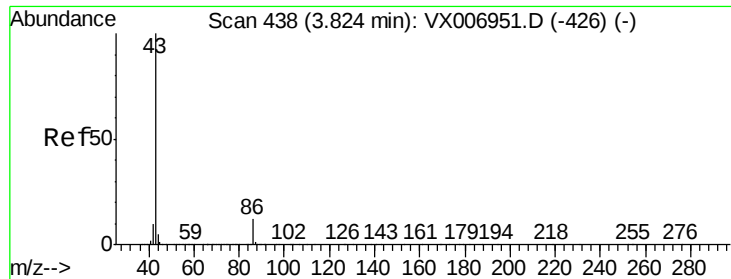
45 100

43 58.4 51.2 76.8

87 29.9 25.8 38.6

59 11.5 9.0 13.4





#23

Vinyl Acetate

Concen: 252.214 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

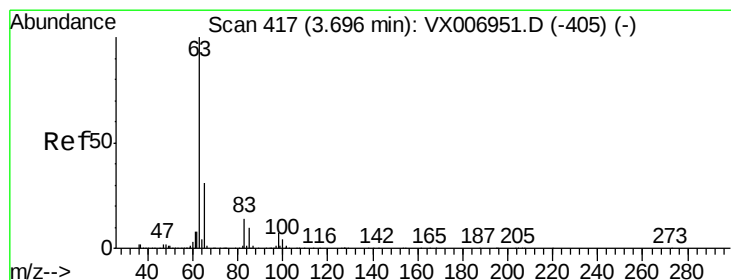
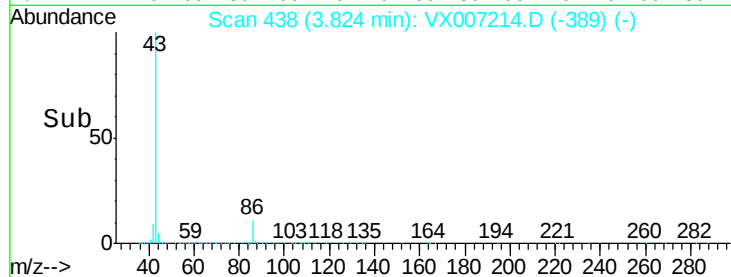
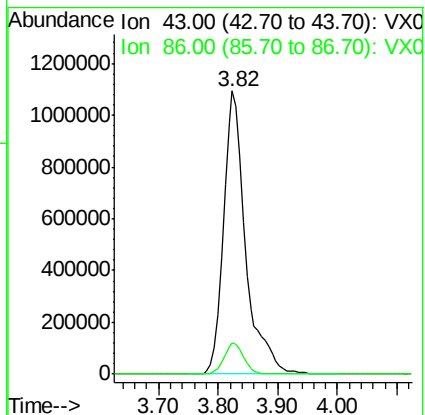
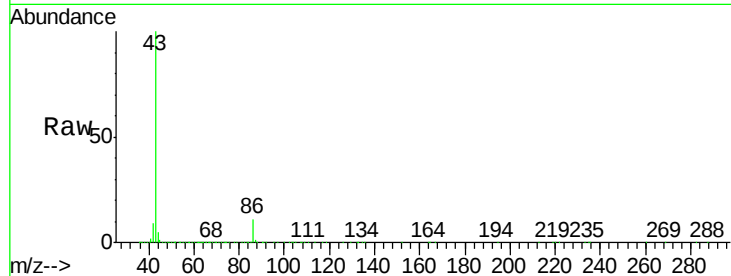
VSTDCCC050EC

Tot Ion: 43 Resp: 2817289

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 50.055 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

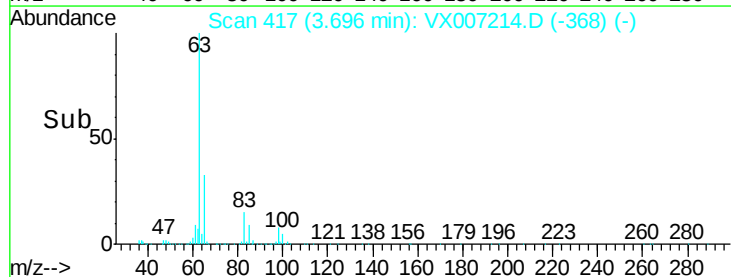
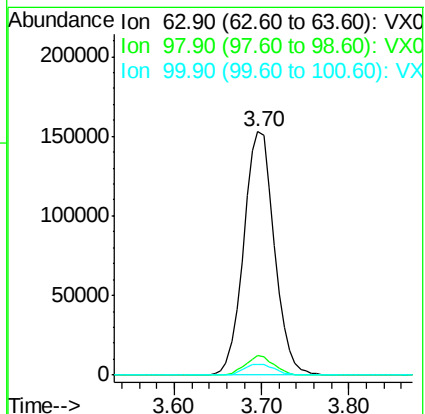
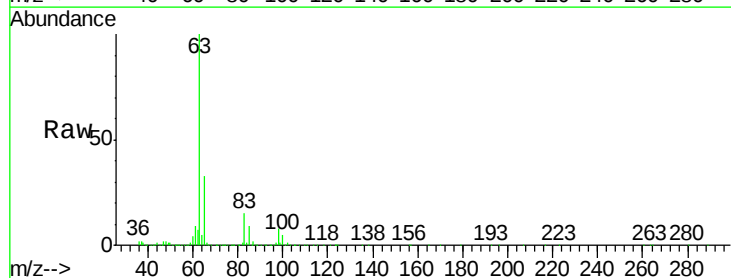
Tgt Ion: 63 Resp: 370726

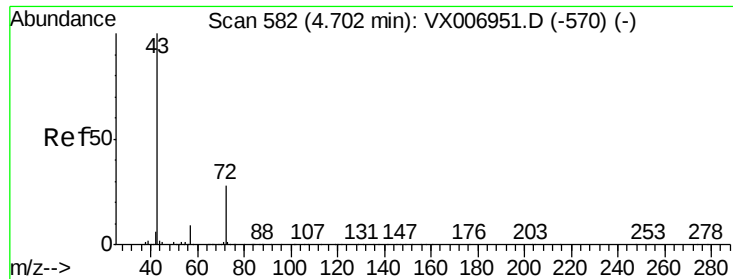
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 258.943 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

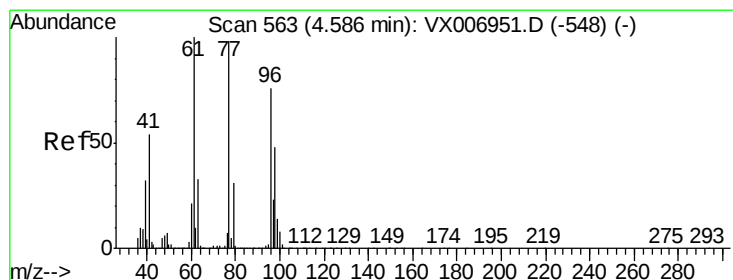
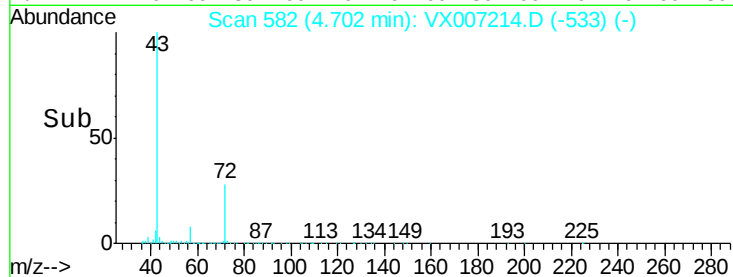
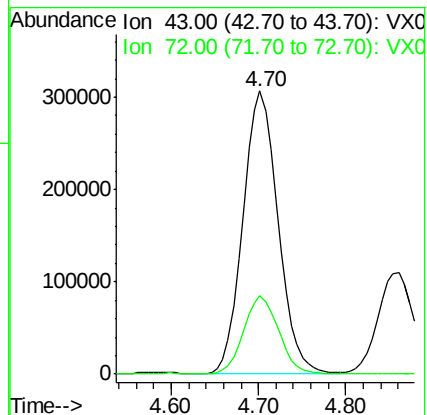
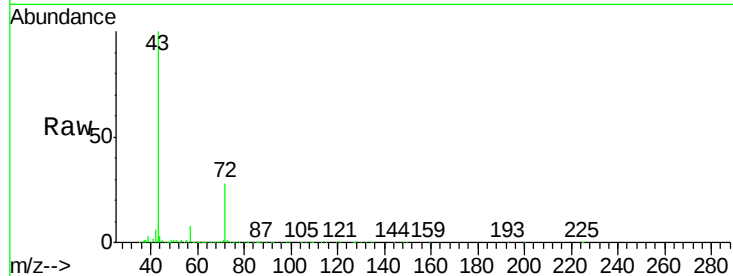
VSTDCCC050EC

Tot Ion: 43 Resp: 856249

Ion Ratio Lower Upper

43 100

72 27.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 44.294 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007214.D

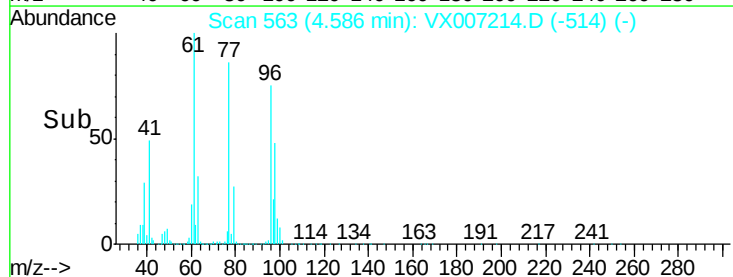
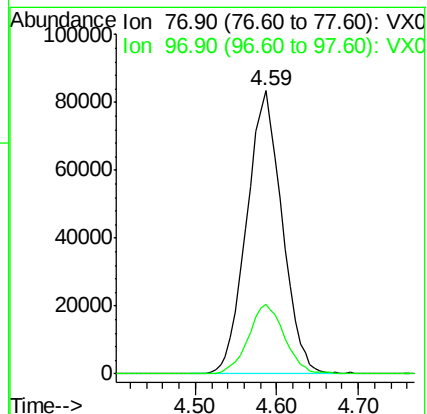
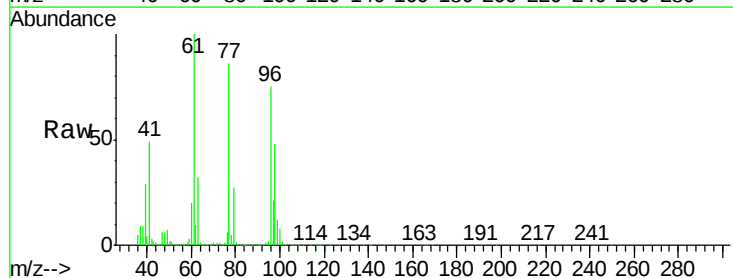
Acq: 24 Jan 2019 19:55

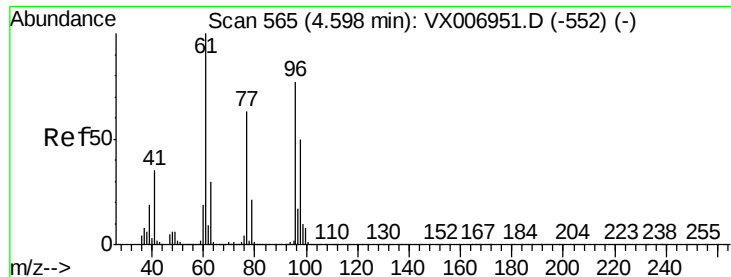
Tgt Ion: 77 Resp: 252264

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



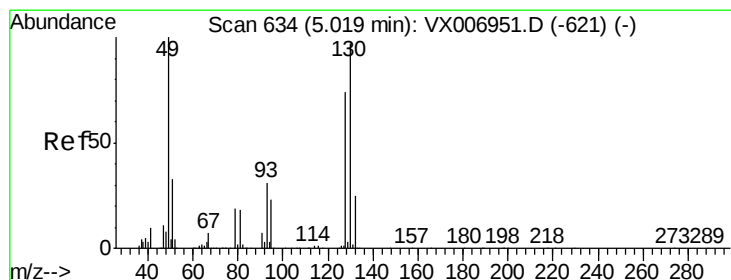
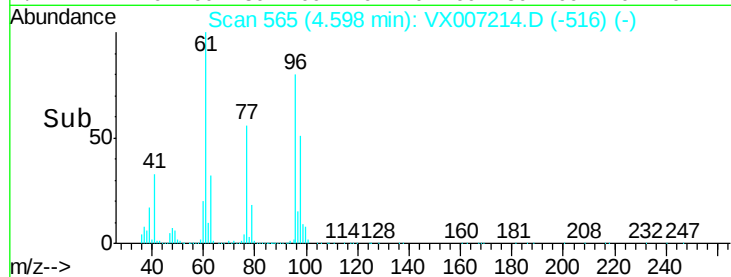
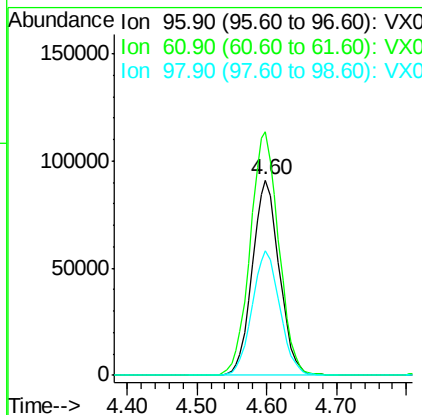
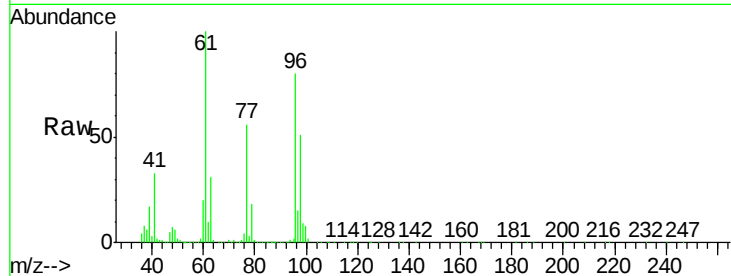


#27

cis-1,2-Dichloroethene
Concen: 48.389 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

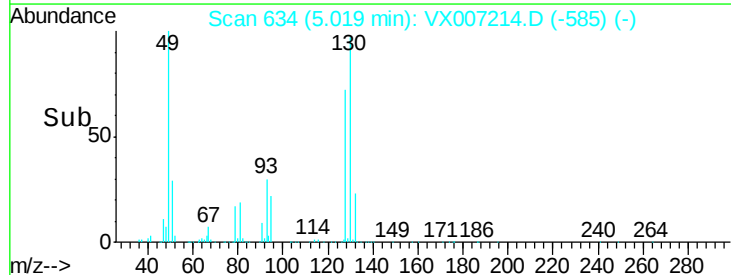
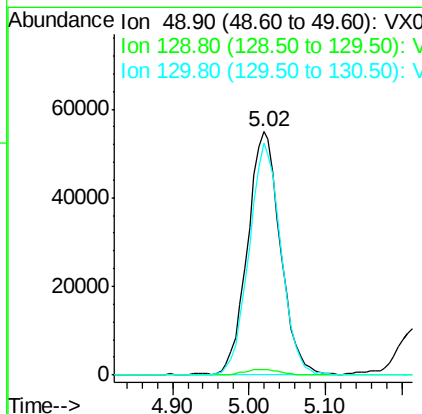
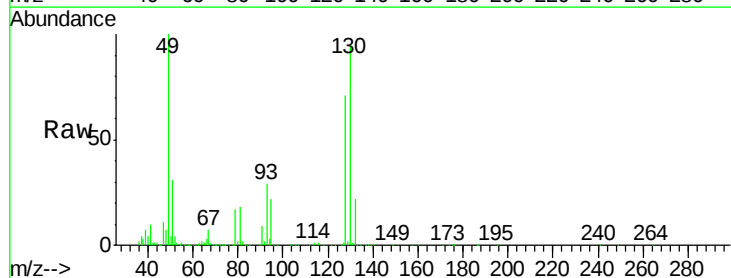
Tot Ion: 96 Resp: 244524
Ion Ratio Lower Upper
96 100
61 131.8 0.0 258.6
98 65.4 0.0 132.0

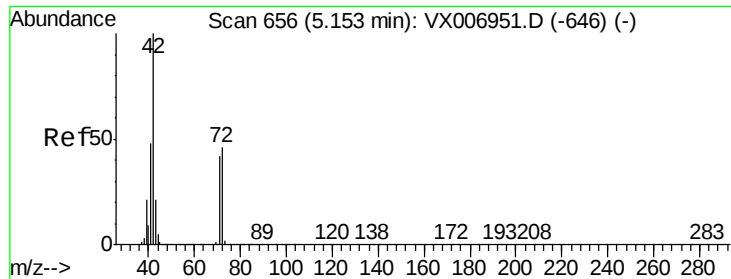


#28

Bromochloromethane
Concen: 50.372 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 49 Resp: 163457
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 93.1 77.7 116.5





#29

Tetrahydrofuran

Concen: 258.806 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

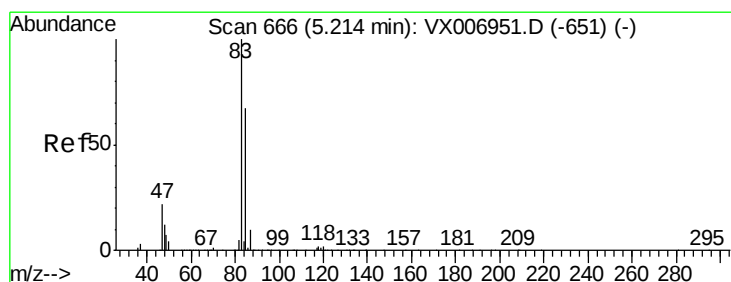
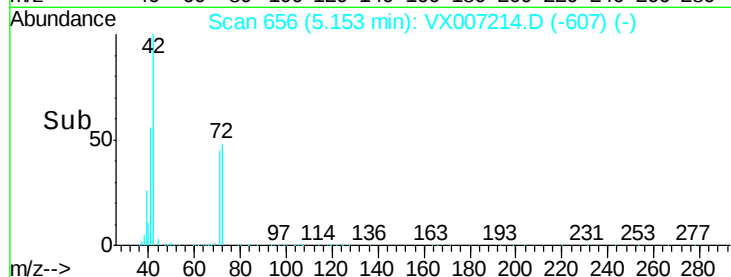
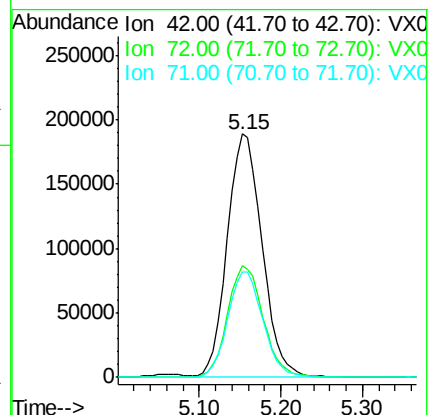
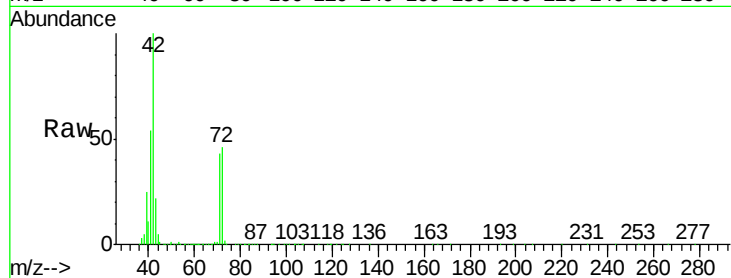
Tot Ion: 42 Resp: 556162

Ion Ratio Lower Upper

42 100

72 47.4 38.9 58.3

71 44.0 36.2 54.4



#30

Chloroform

Concen: 51.934 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007214.D

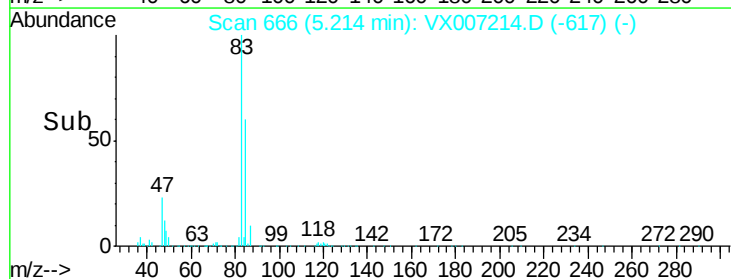
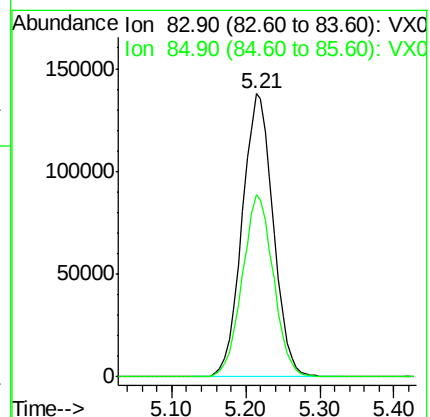
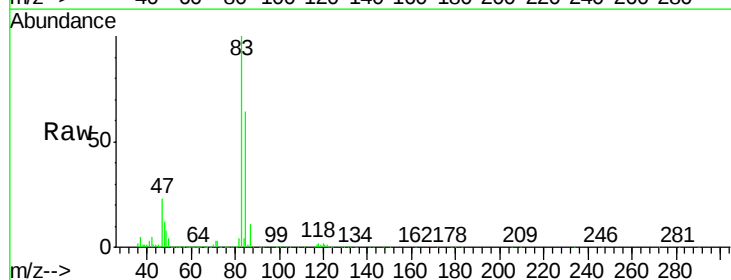
Acq: 24 Jan 2019 19:55

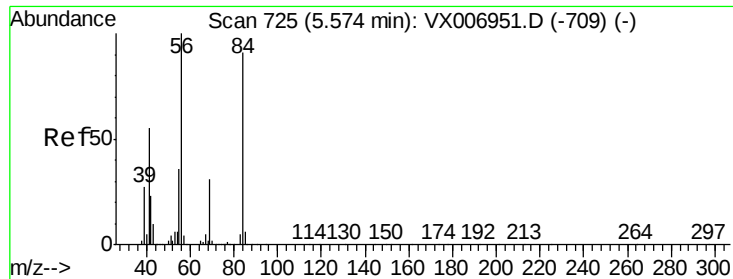
Tgt Ion: 83 Resp: 402723

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

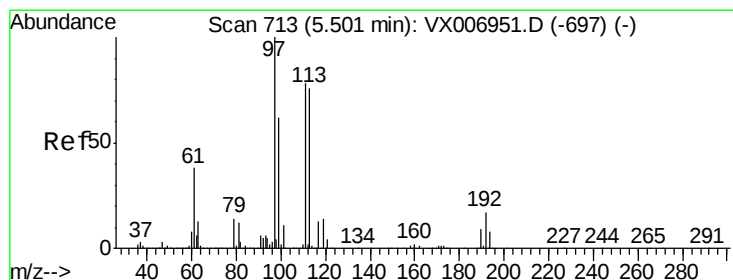
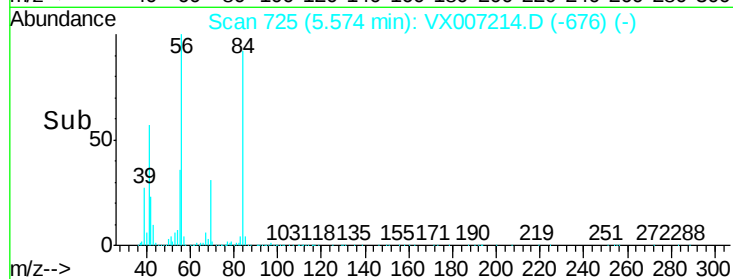
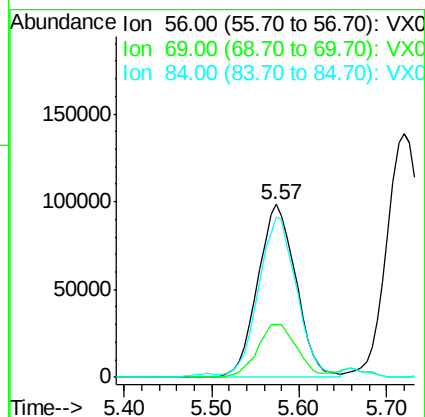
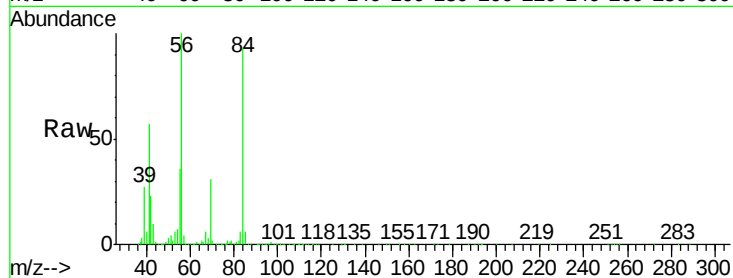




#31
Cyclohexane
Concen: 45.458 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

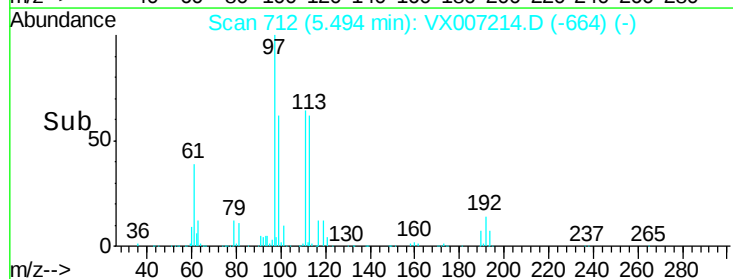
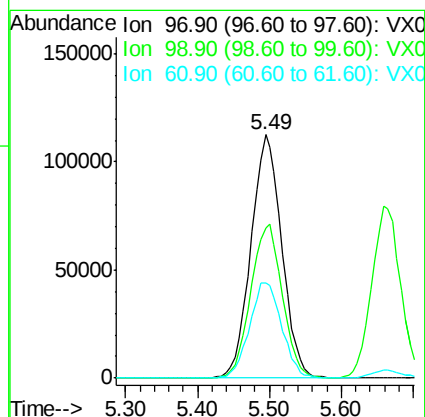
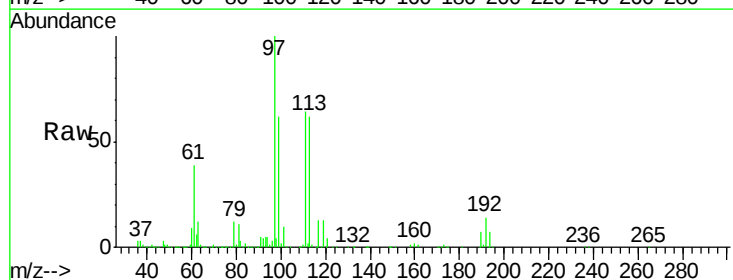
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

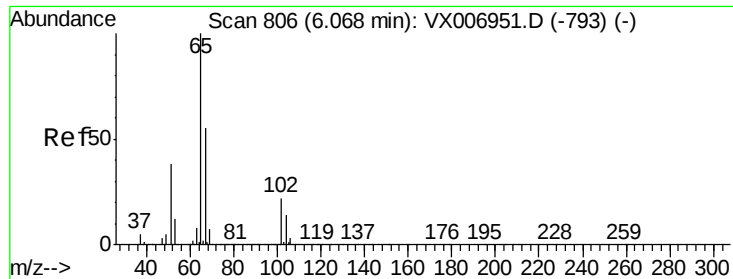
Tot Ion: 56 Resp: 299659
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 91.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.826 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 97 Resp: 334067
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 41.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.643 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

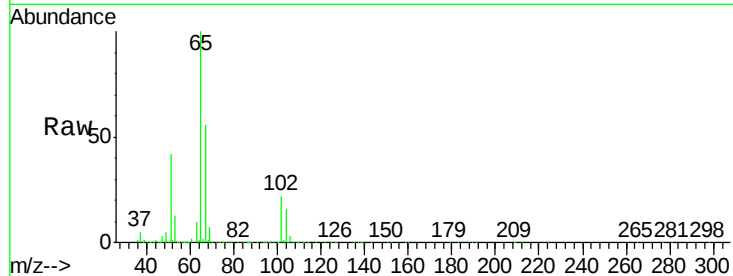
VSTDCCC050EC

Tot Ion: 65 Resp: 241412

Ion Ratio Lower Upper

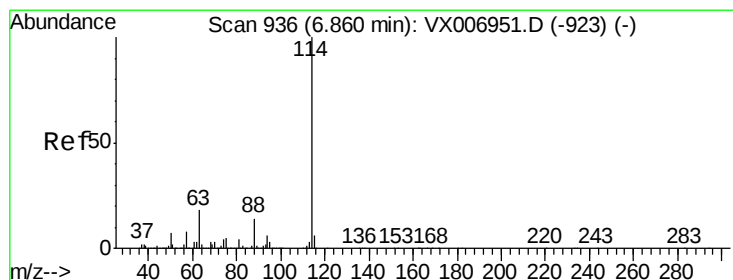
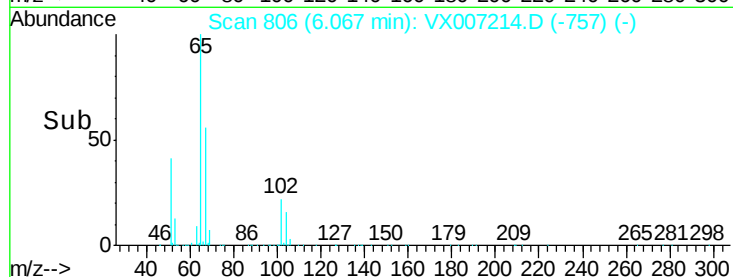
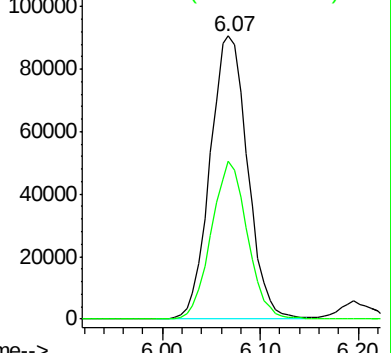
65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

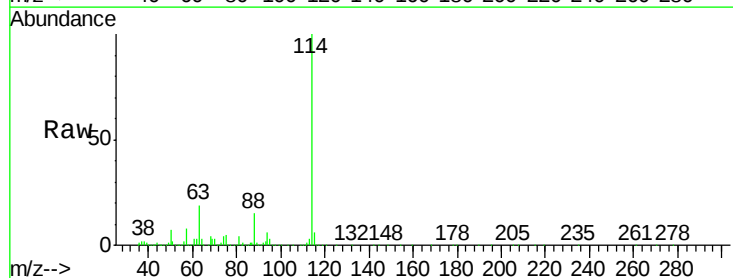
Tgt Ion: 114 Resp: 674594

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

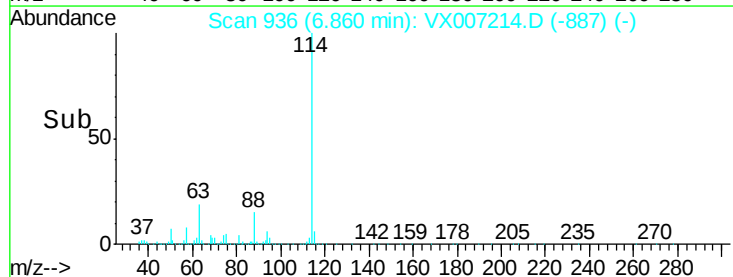
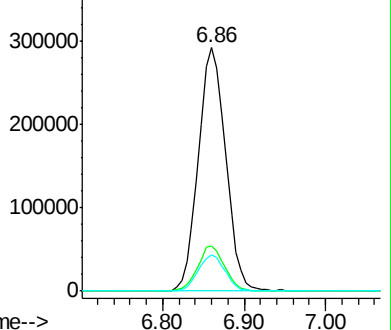
88 14.8 0.0 28.8

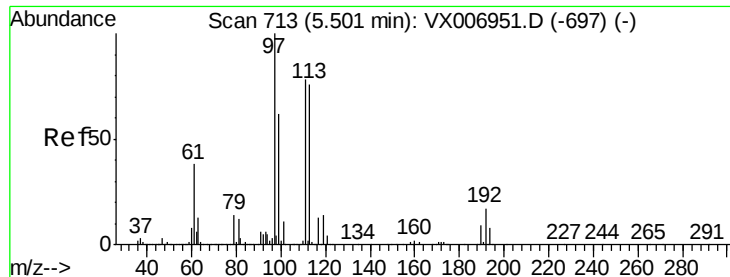


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.623 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

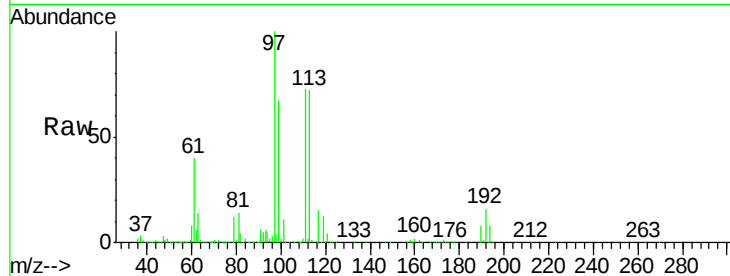
Tot Ion:113 Resp: 218696

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

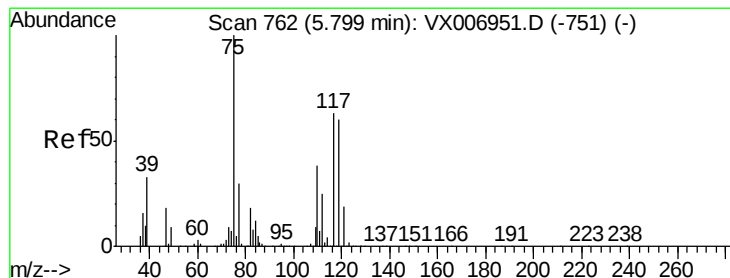
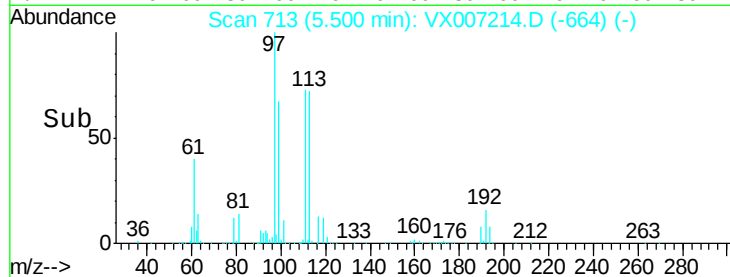
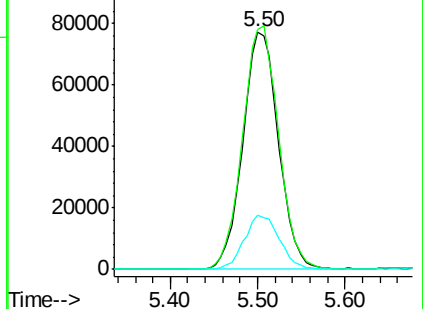
192 22.5 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.764 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

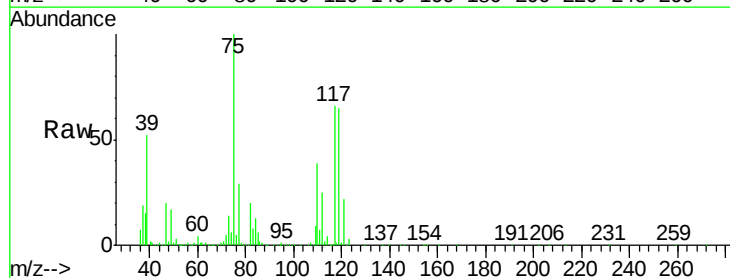
Tgt Ion: 75 Resp: 274274

Ion Ratio Lower Upper

75 100

110 39.4 20.2 60.5

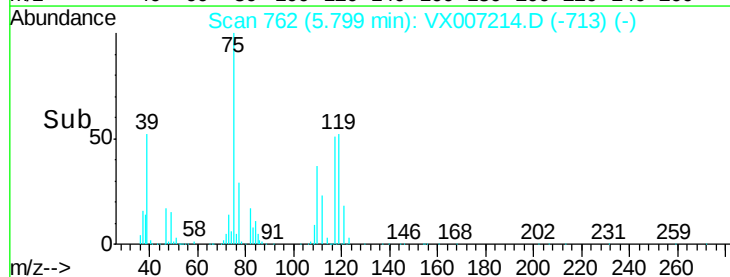
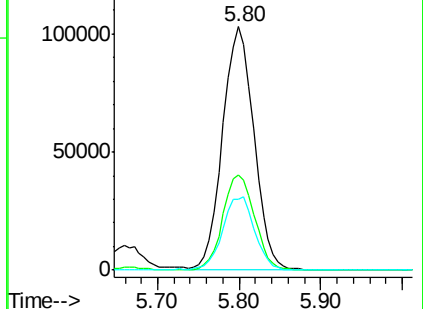
77 30.6 24.8 37.2

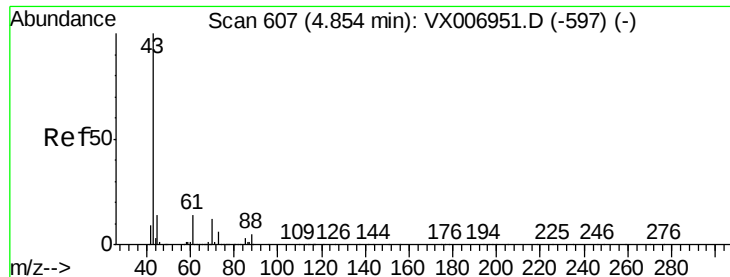


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.199 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

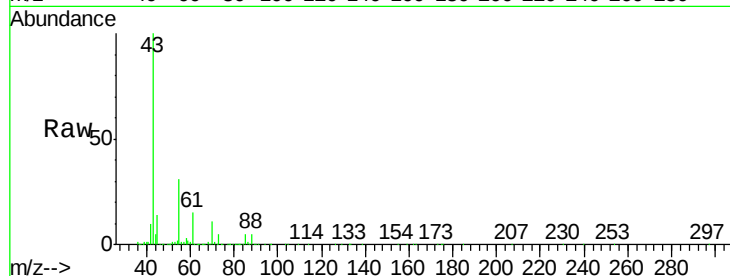
Tot Ion: 43 Resp: 321931

Ion Ratio Lower Upper

43 100

61 14.3 11.9 17.9

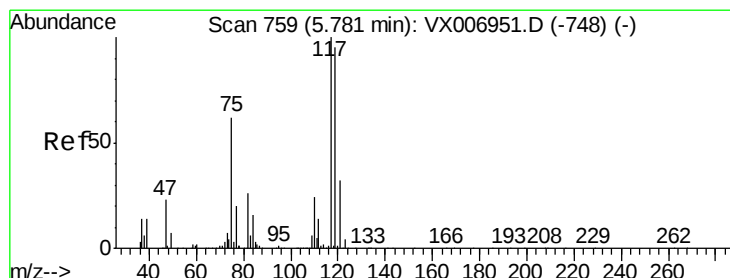
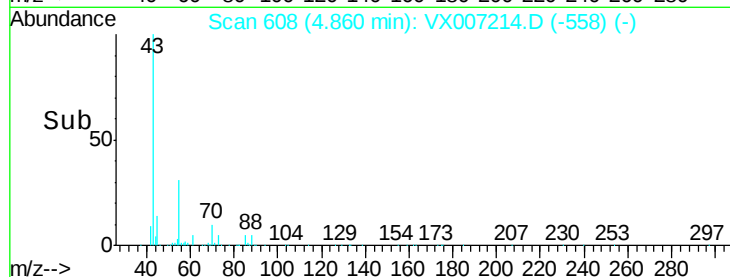
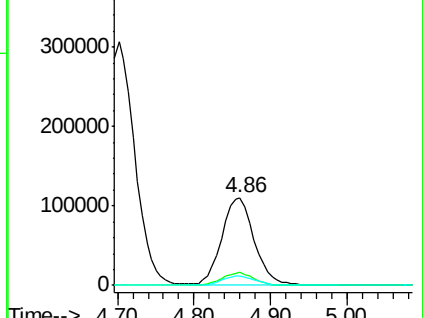
70 10.9 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX006951.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX006951.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 49.303 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

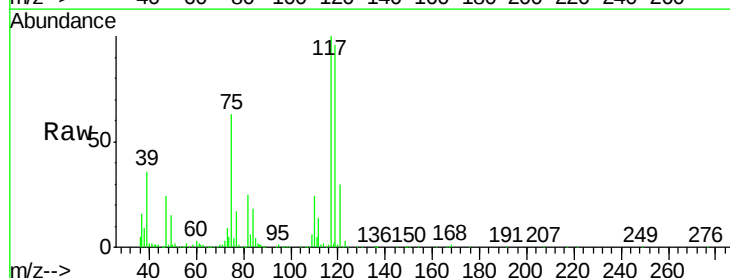
Tgt Ion: 117 Resp: 290933

Ion Ratio Lower Upper

117 100

119 95.5 79.4 119.2

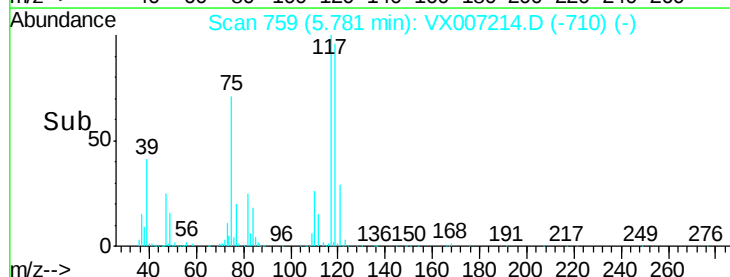
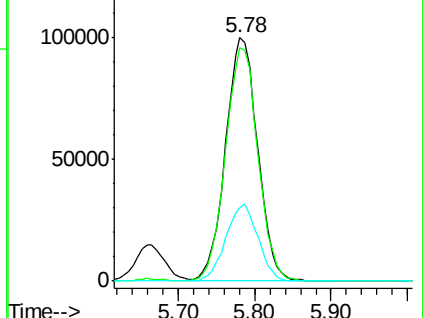
121 30.2 24.0 36.0

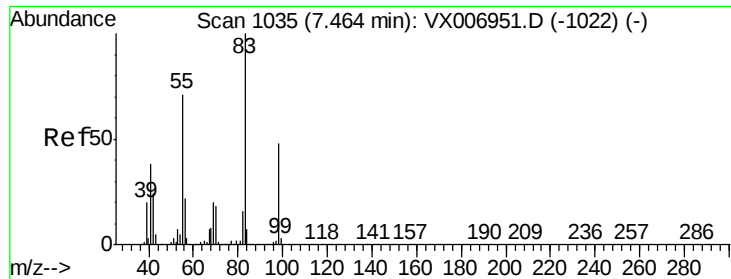


Abundance Ion 116.80 (116.50 to 117.50): VX006951.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX006951.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX006951.D (-748) (-)

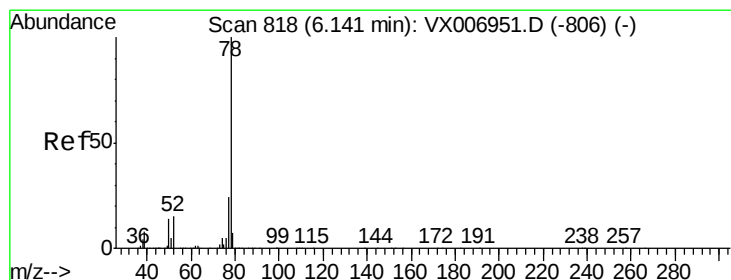
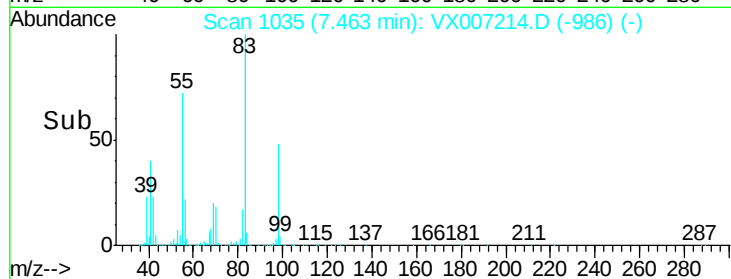
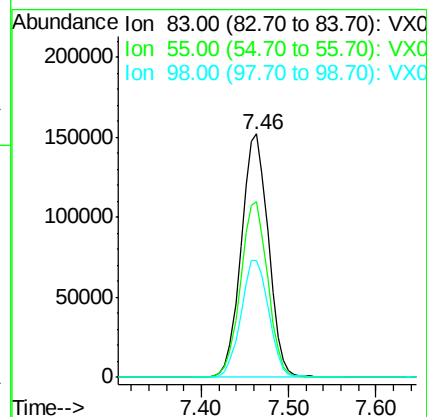
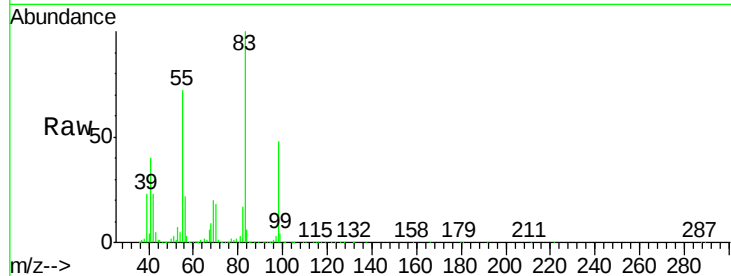




#39
Methvlcvclohexane
Concen: 43.966 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

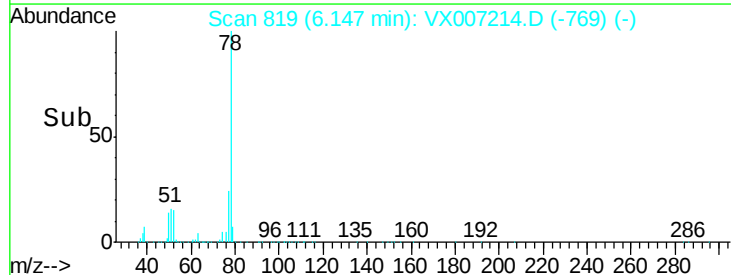
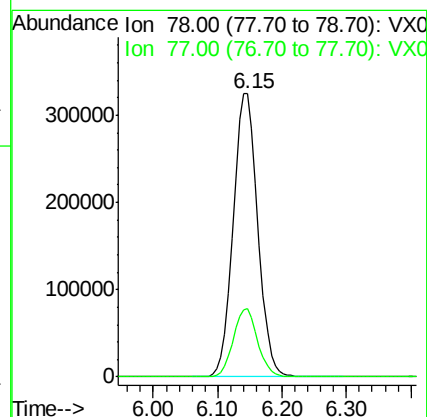
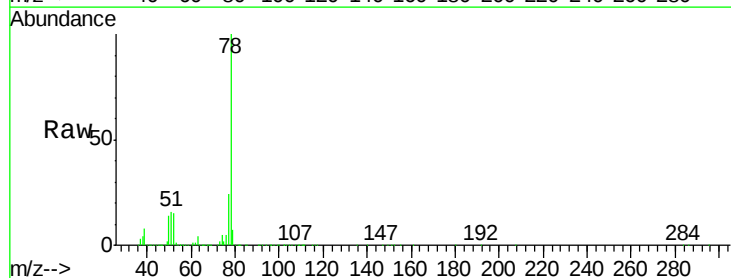
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

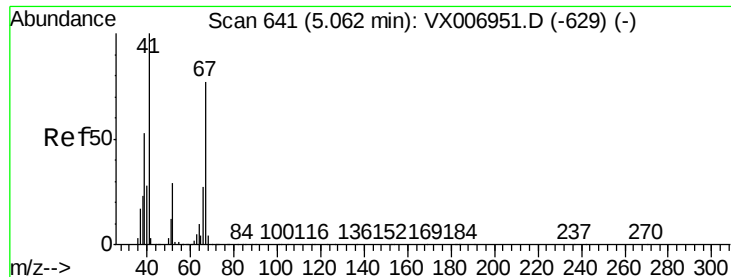
Tot Ion	83	Resp	328736
Ion Ratio	Lower	Upper	
83	100		
55	71.9	54.9	82.3
98	48.2	37.9	56.9



#40
Benzene
Concen: 48.481 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	78	Resp	867618
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.2	28.8





#41

Methacrylonitrile

Concen: 49.790 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 180356

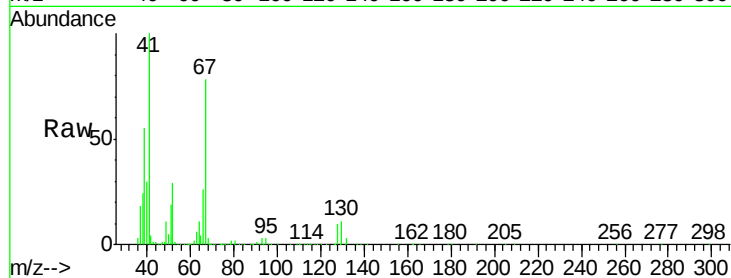
Ion Ratio Lower Upper

41 100

39 54.2 42.8 64.2

67 74.2 62.1 93.1

52 30.0 23.4 35.0

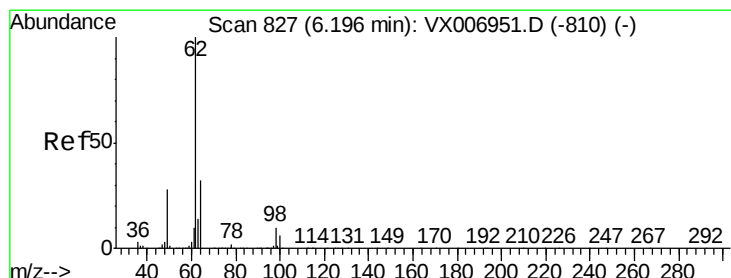
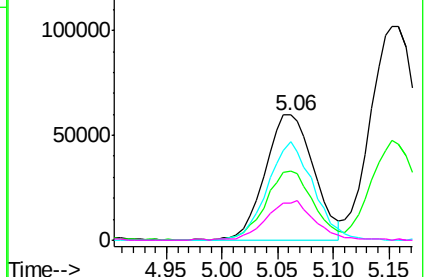
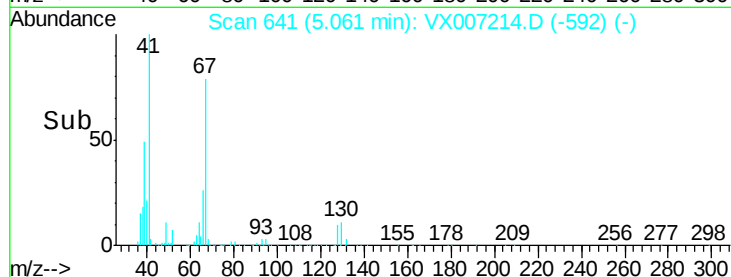


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.904 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007214.D

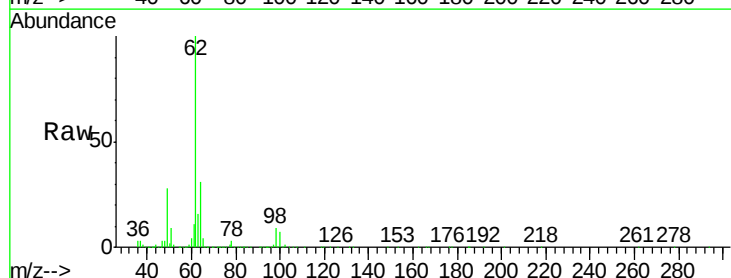
Acq: 24 Jan 2019 19:55

Tgt Ion: 62 Resp: 302431

Ion Ratio Lower Upper

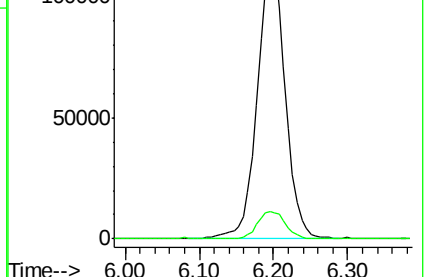
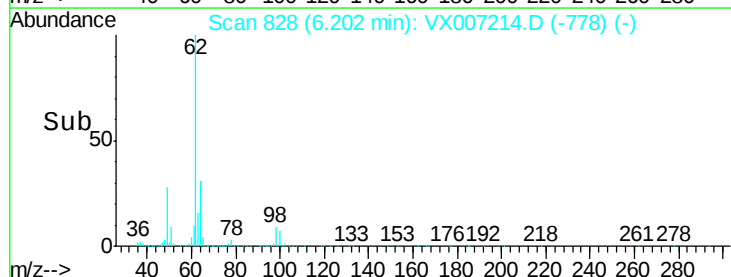
62 100

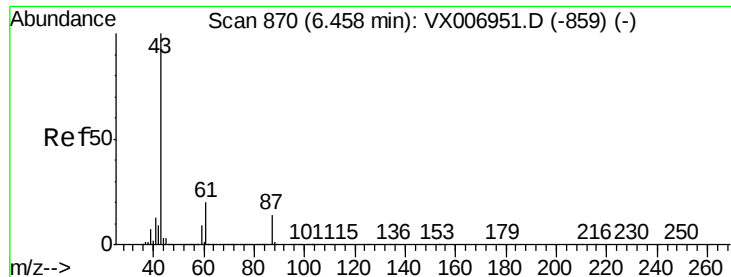
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



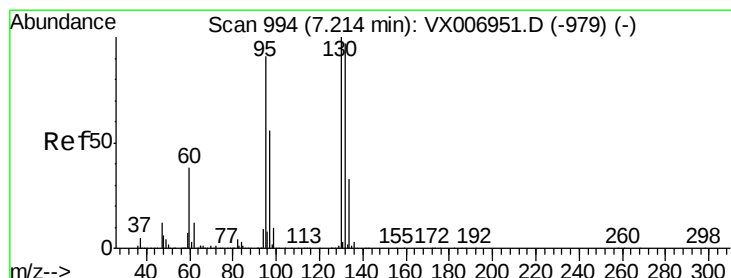
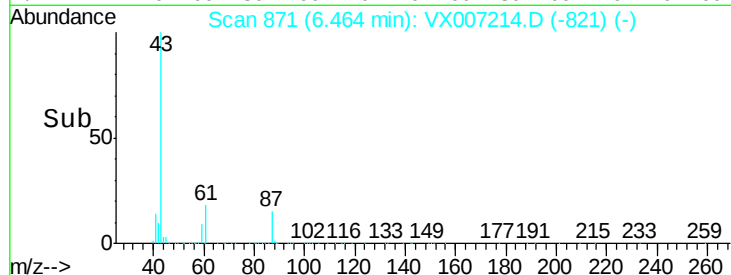
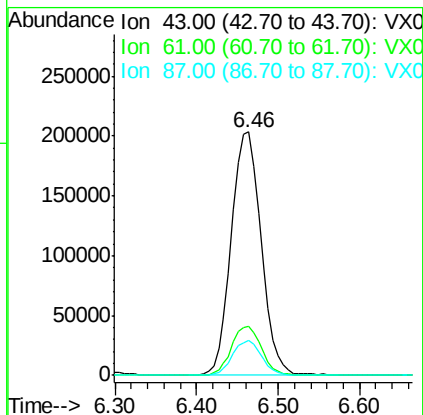
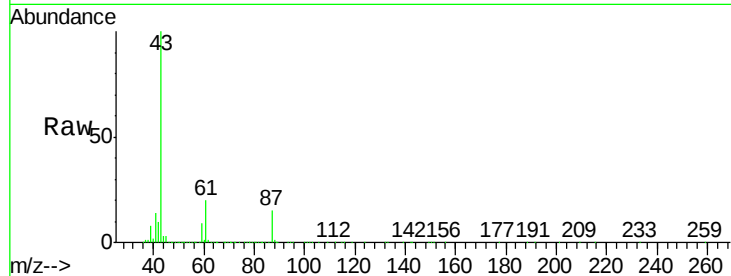


#43

Isopropyl Acetate
 Concen: 52.061 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

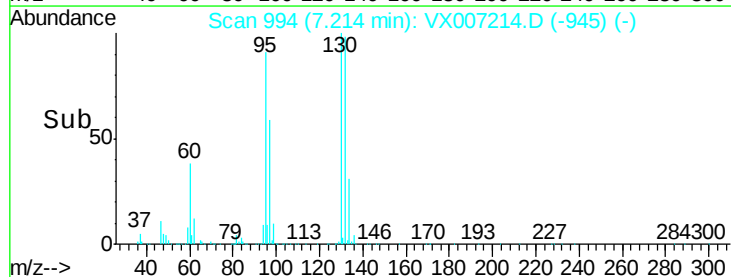
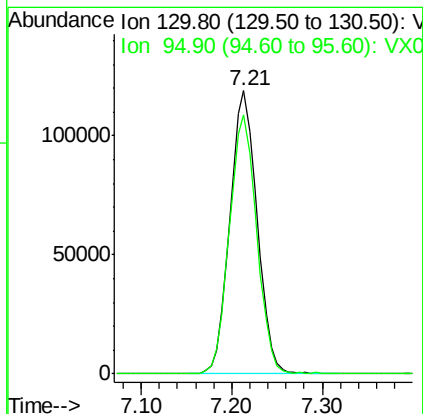
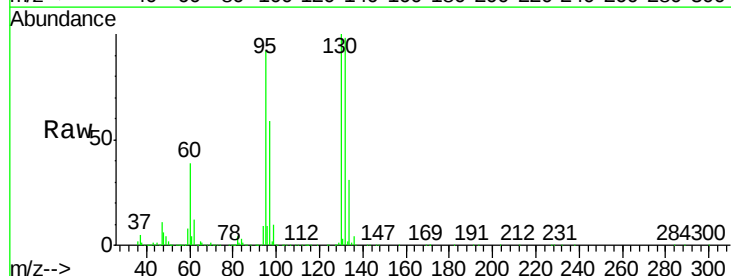
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.0	12.4	18.6

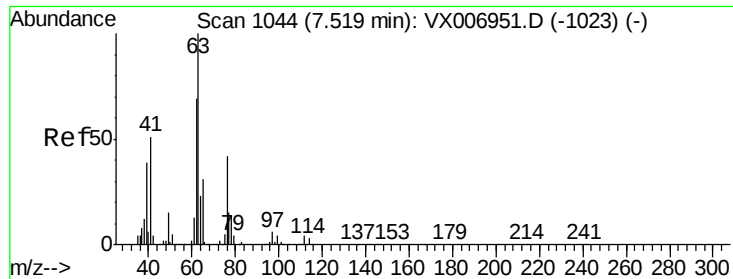


#44

Trichloroethene
 Concen: 46.235 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.214 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

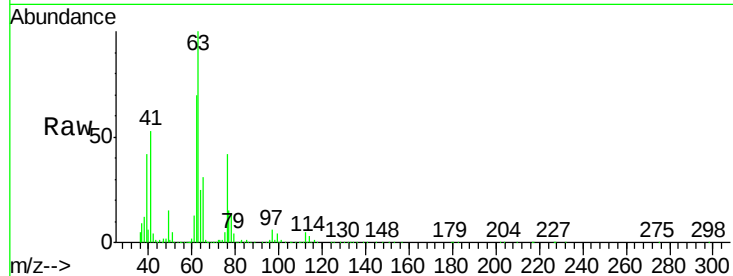
VSTDCCC050EC

Tot Ion: 63 Resp: 221419

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

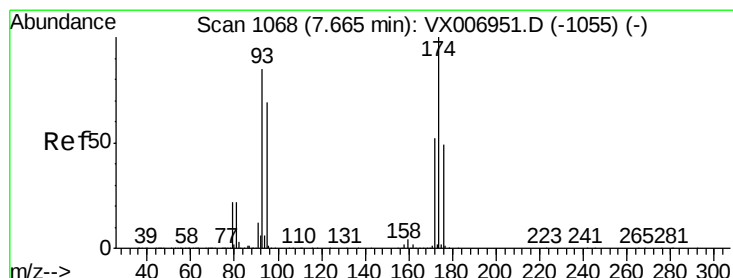
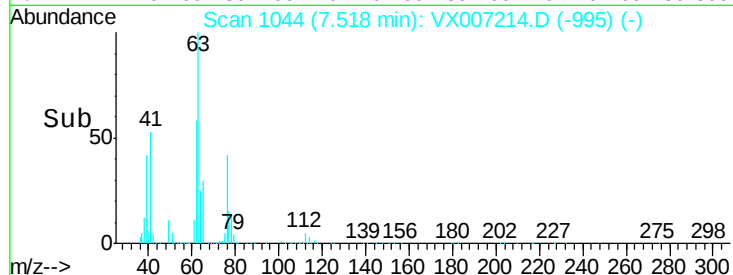
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 50.196 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

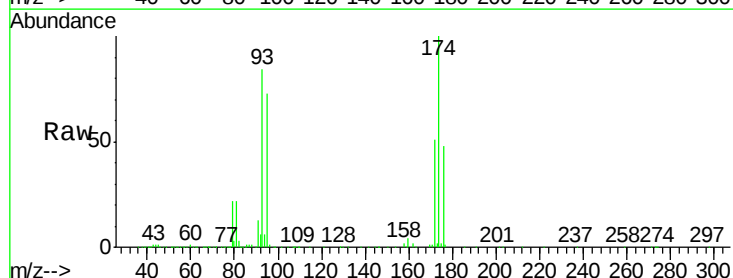
Tgt Ion: 93 Resp: 158719

Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 117.8 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

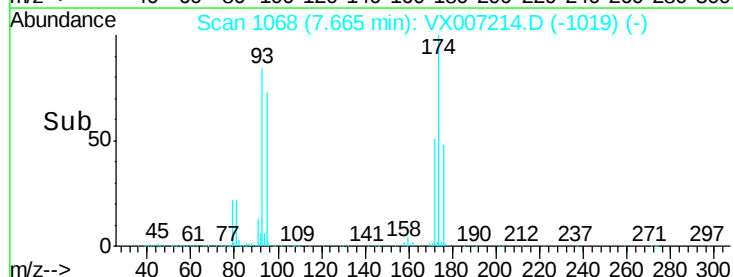
Ion 173.70 (173.40 to 174.40): V

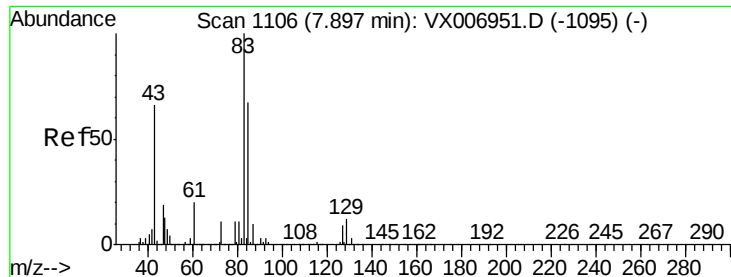
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 53.296 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

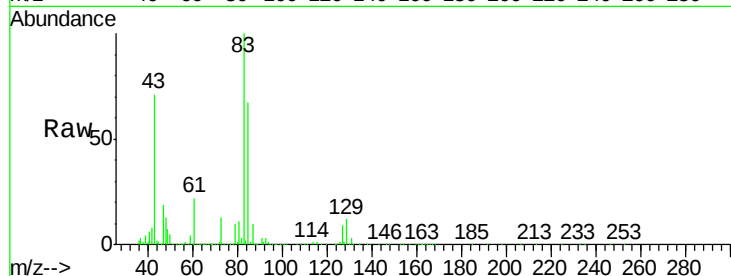
Tot Ion: 83 Resp: 286848

Ion Ratio Lower Upper

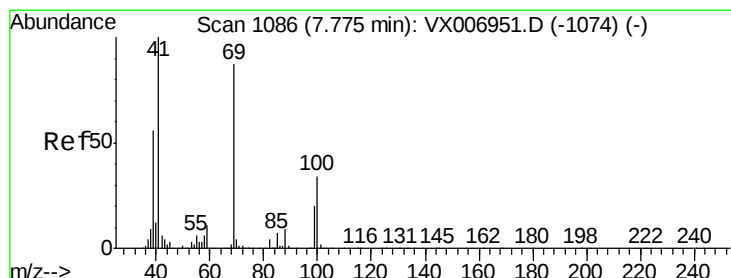
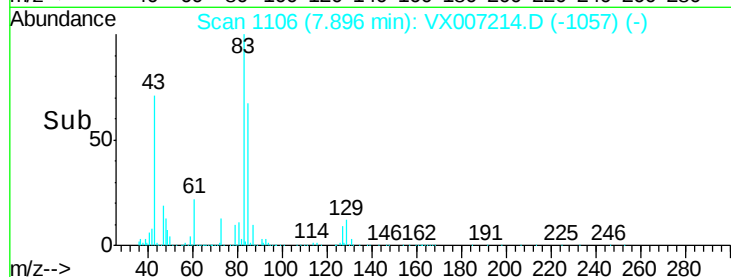
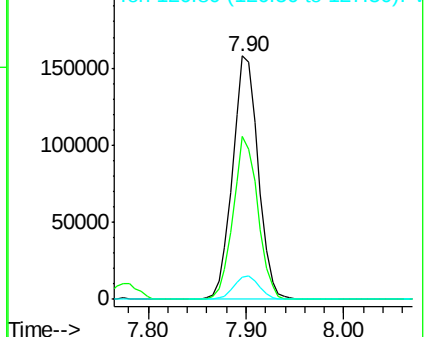
83 100

85 66.7 53.2 79.8

127 9.0 7.8 11.6



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: 52.006 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

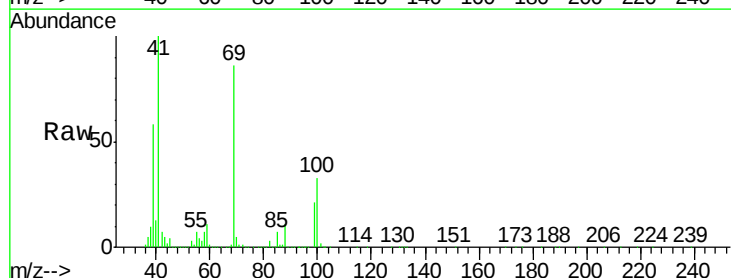
Tgt Ion: 41 Resp: 264889

Ion Ratio Lower Upper

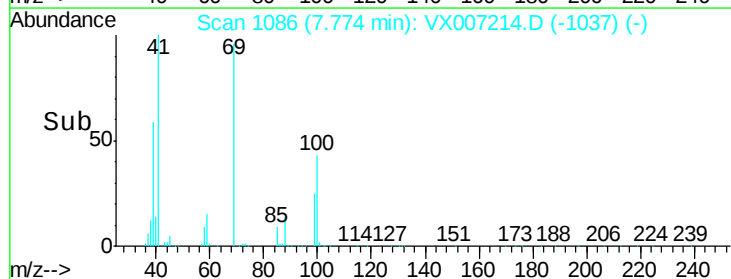
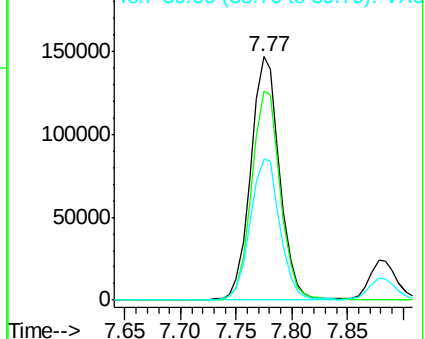
41 100

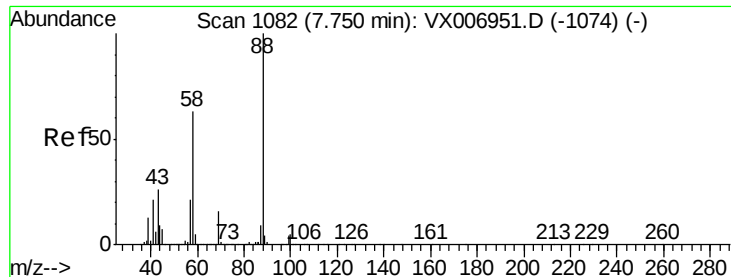
69 85.6 72.4 108.6

39 60.1 45.8 68.8



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

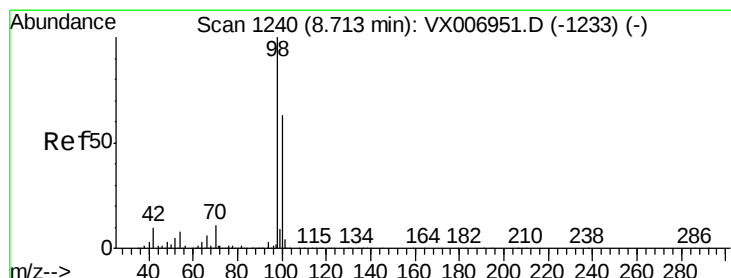
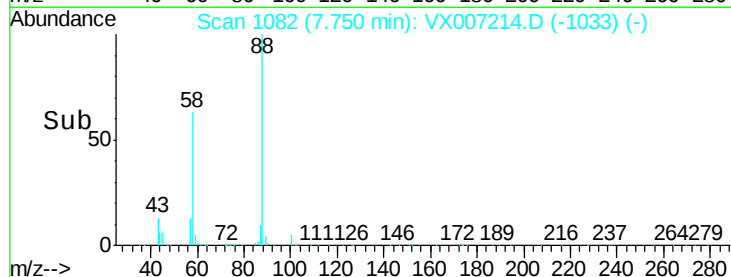
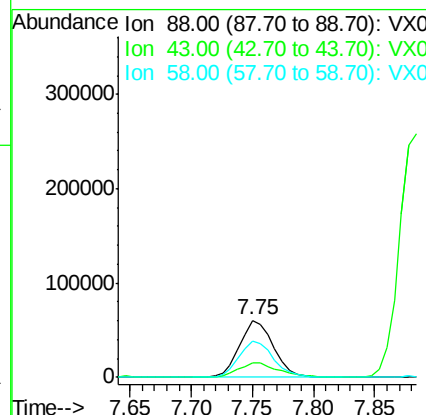
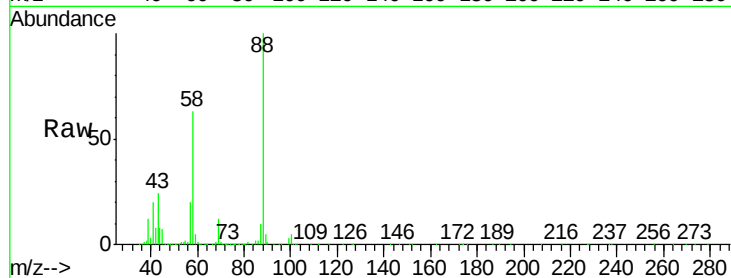




#49
1,4-Dioxane
Concen: 996.770 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

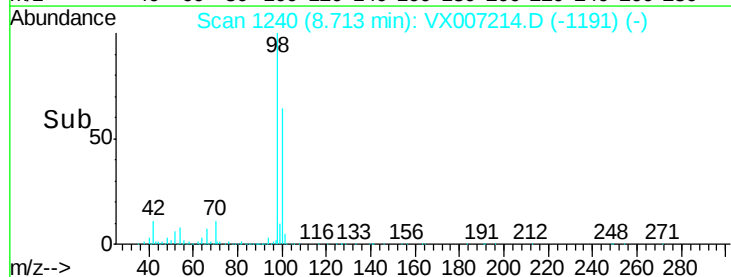
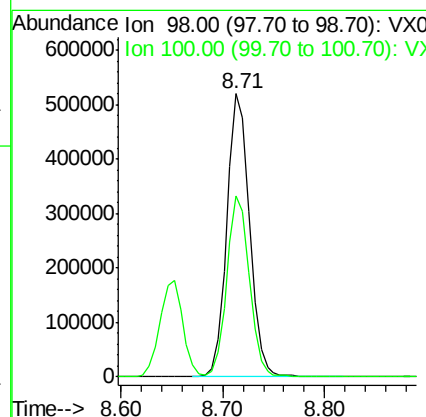
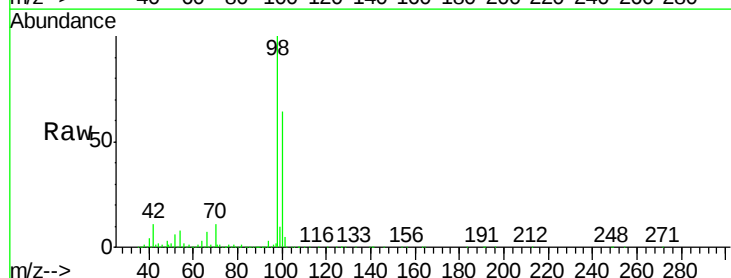
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

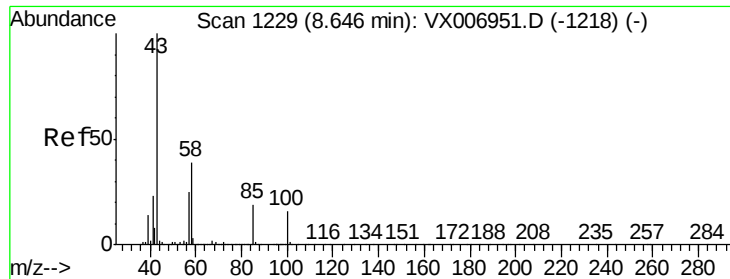
Tot Ion	88	Resp	115945
Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.2	33.4
58	65.1	51.0	76.4



#50
Toluene-d8
Concen: 50.754 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	98	Resp	802566
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 267.783 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

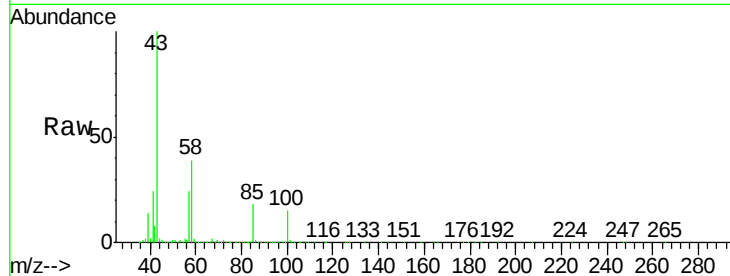
VSTDCCC050EC

Tot Ion: 43 Resp: 1706865

Ion Ratio Lower Upper

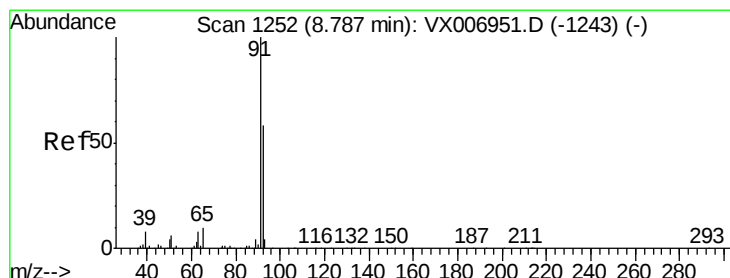
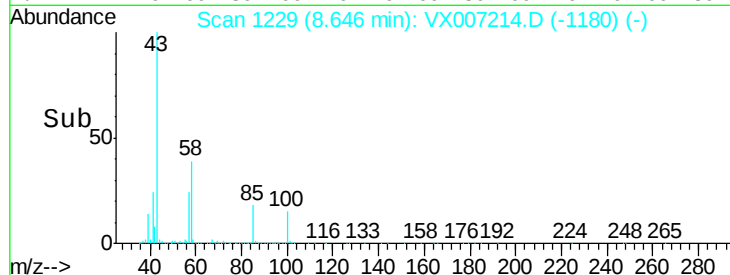
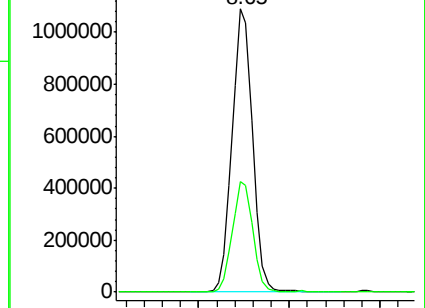
43 100

58 38.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.173 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007214.D

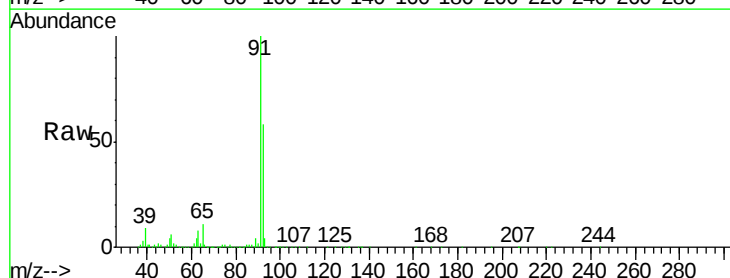
Acq: 24 Jan 2019 19:55

Tgt Ion: 92 Resp: 565609

Ion Ratio Lower Upper

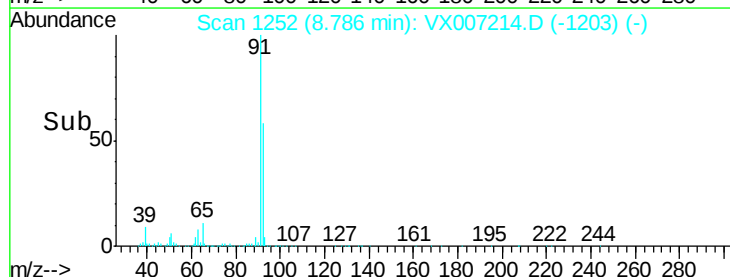
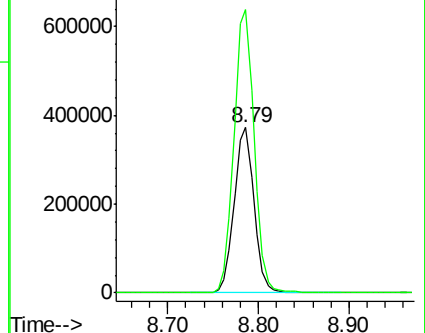
92 100

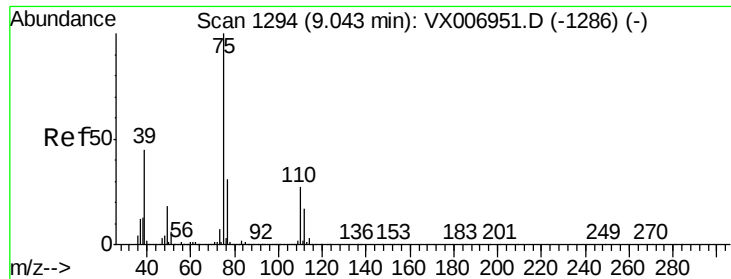
91 174.7 137.6 206.4



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: 52.189 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

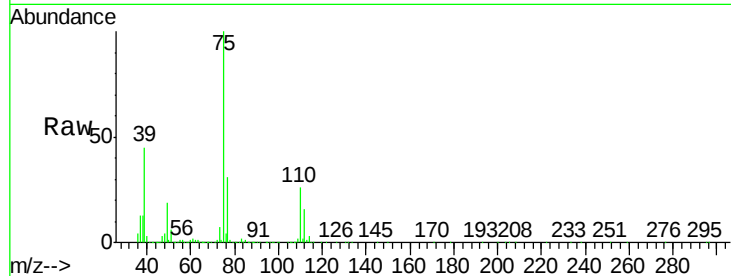
VSTDCCC050EC

Tot Ion: 75 Resp: 311469

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

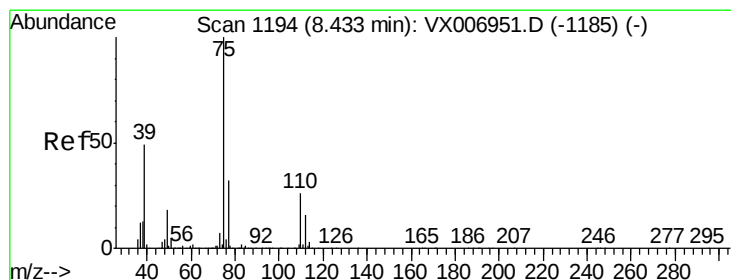
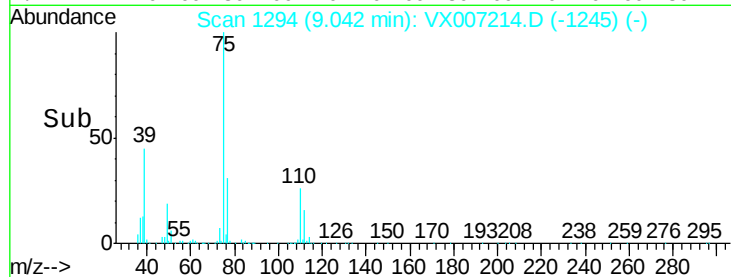
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 51.941 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

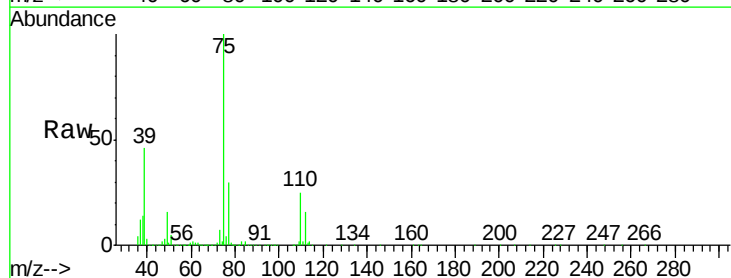
Tgt Ion: 75 Resp: 342335

Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.2

39 45.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

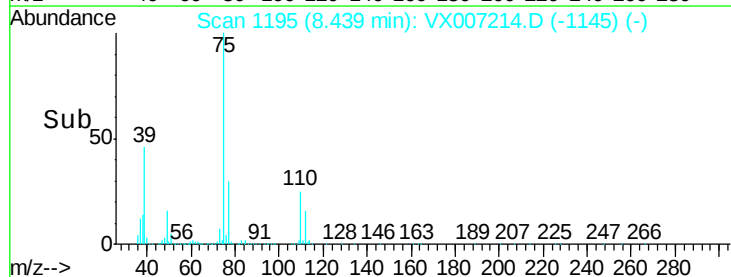
150000

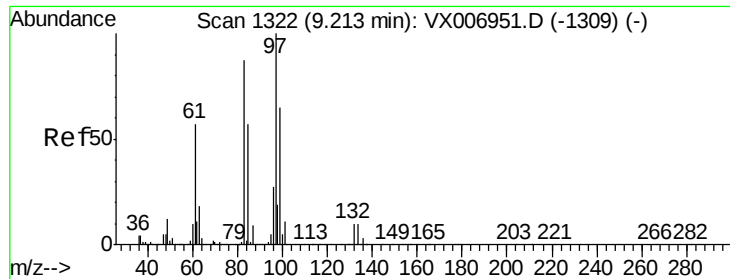
100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55





#55

1,1,2-Trichloroethane

Concen: 53.647 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 246991

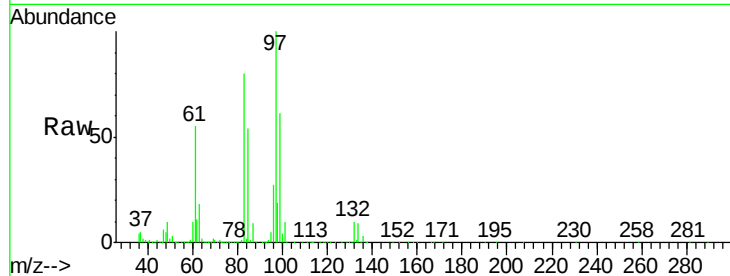
Ion Ratio Lower Upper

97 100

83 80.4 66.6 99.8

85 53.5 42.7 64.1

99 60.6 50.8 76.2

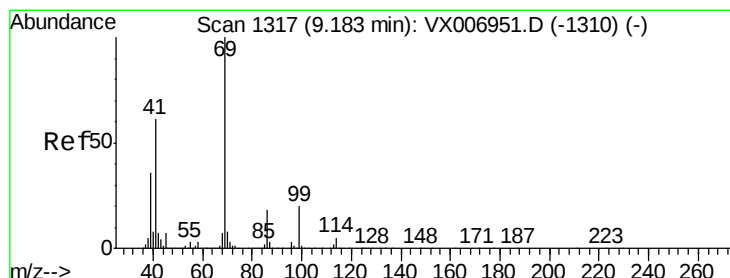
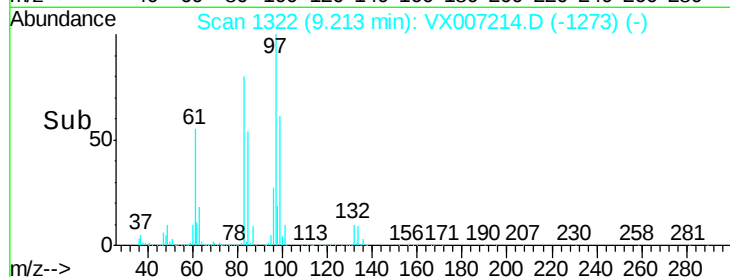
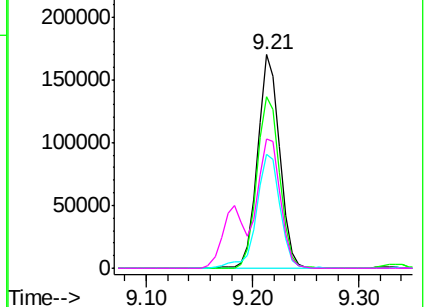


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.543 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

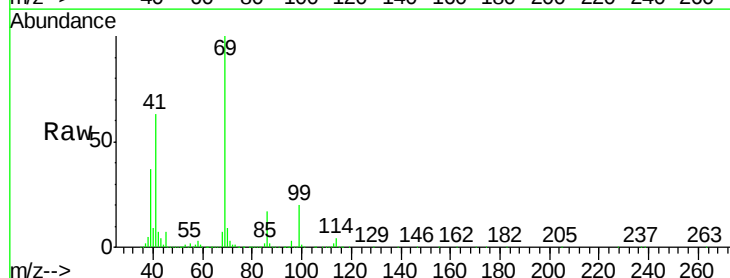
Tgt Ion: 69 Resp: 353151

Ion Ratio Lower Upper

69 100

41 64.0 48.7 73.1

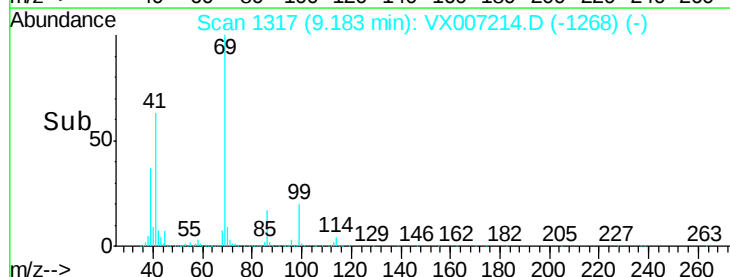
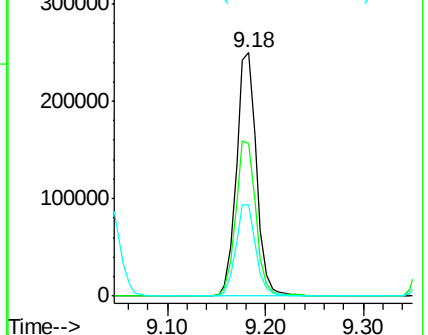
39 37.4 27.0 40.6

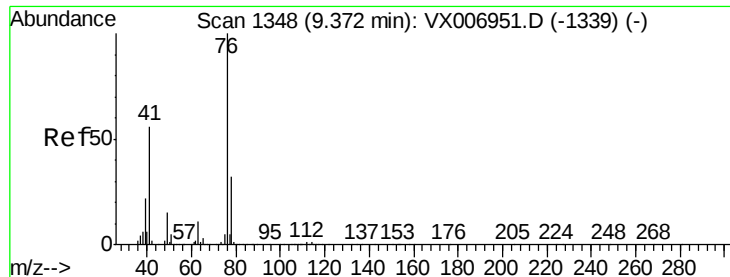


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.009 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

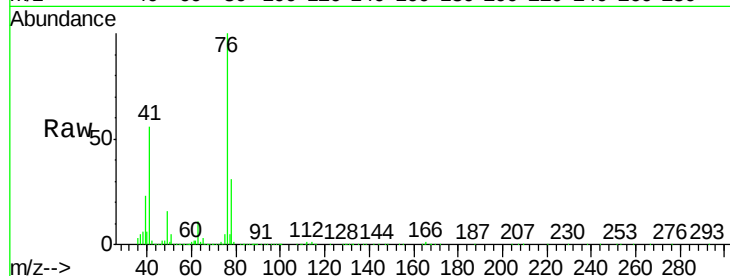
VSTDCCC050EC

Tot Ion: 76 Resp: 392282

Ion Ratio Lower Upper

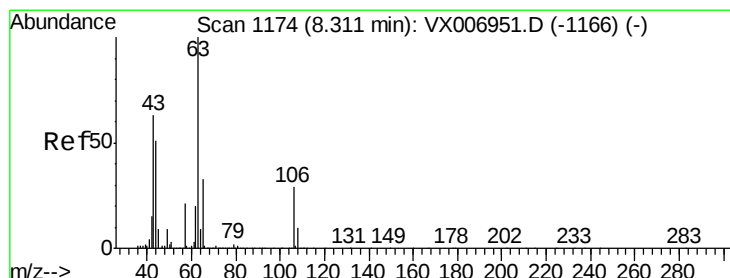
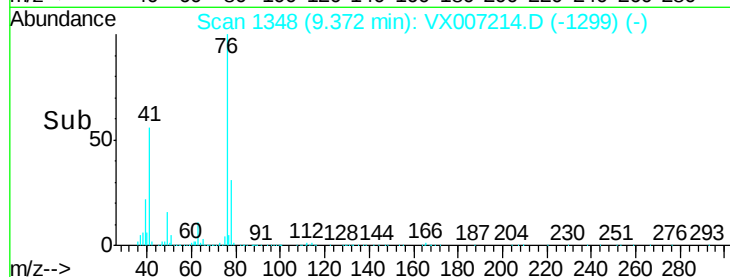
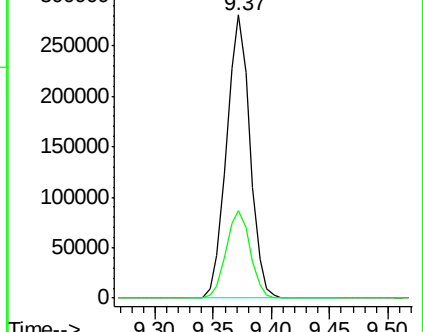
76 100

78 31.7 26.0 39.0



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: 253.778 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007214.D

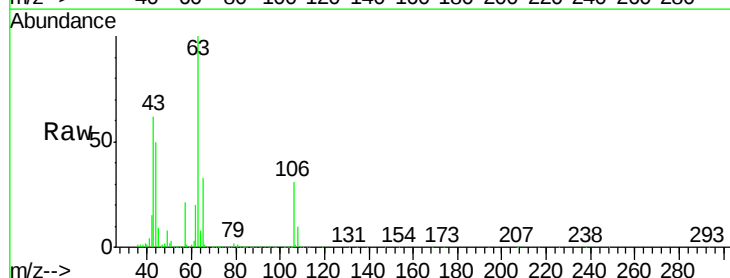
Acq: 24 Jan 2019 19:55

Tgt Ion: 63 Resp: 876996

Ion Ratio Lower Upper

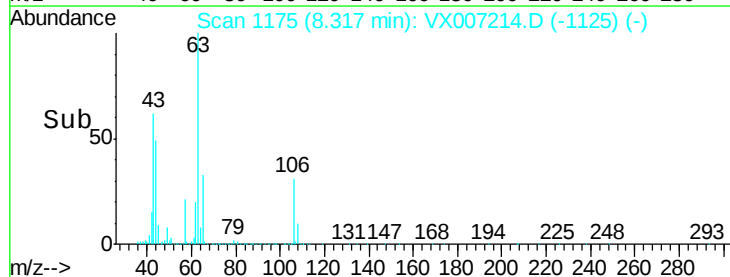
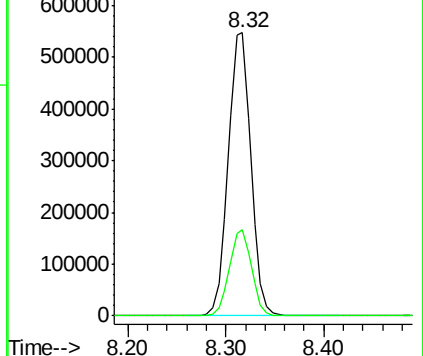
63 100

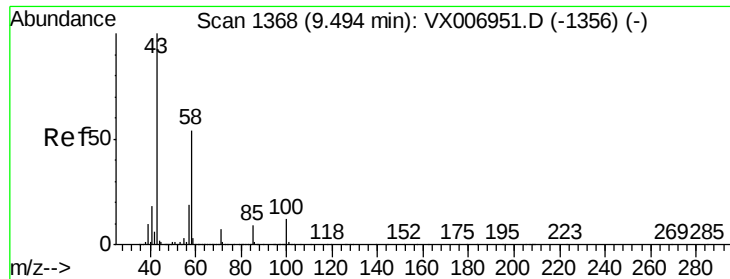
106 29.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

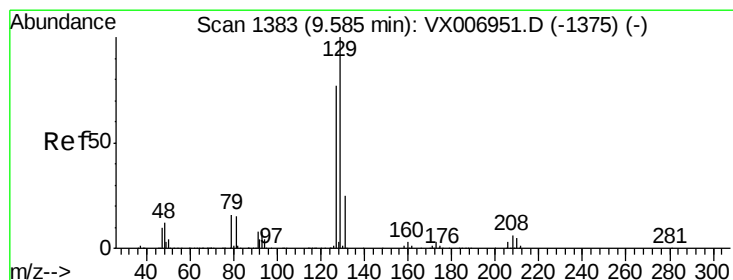
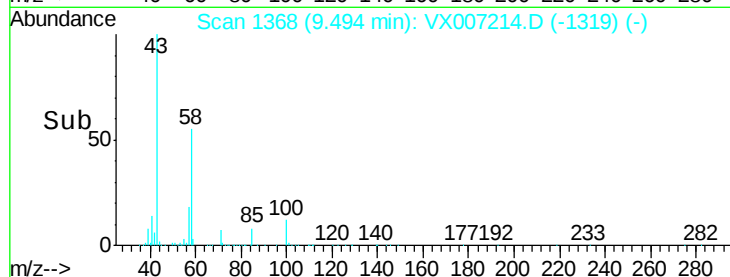
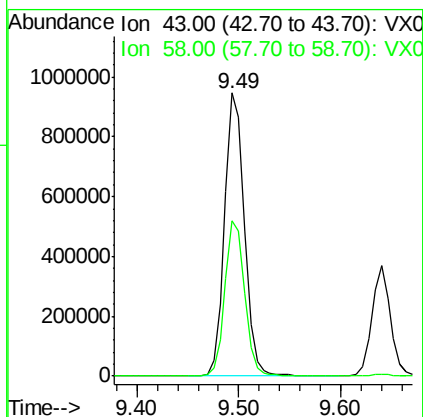
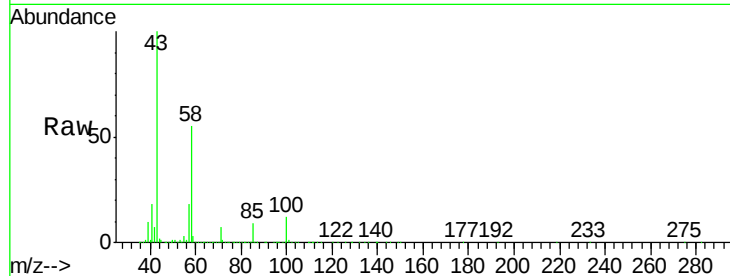




#59
2-Hexanone
Concen: 263.681 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

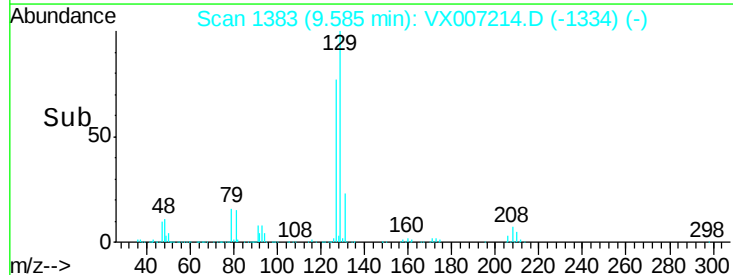
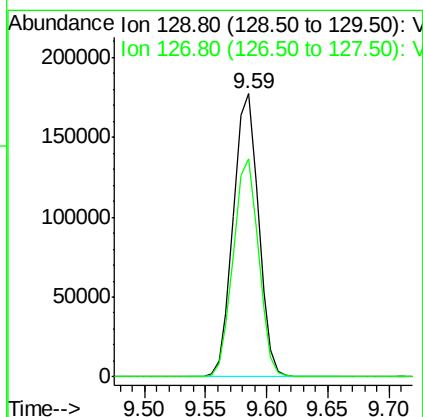
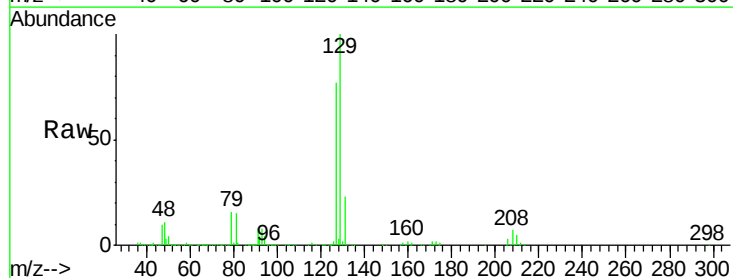
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

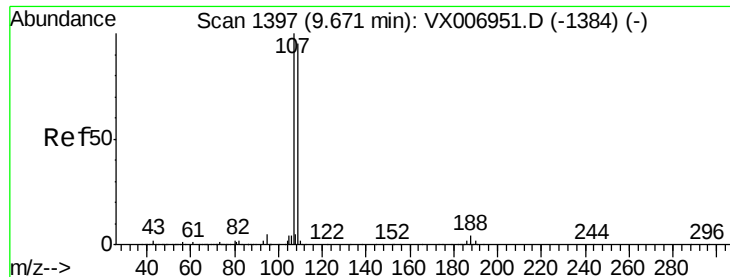
Tot Ion: 43 Resp: 1280804
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 56.372 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 129 Resp: 252015
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.813 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

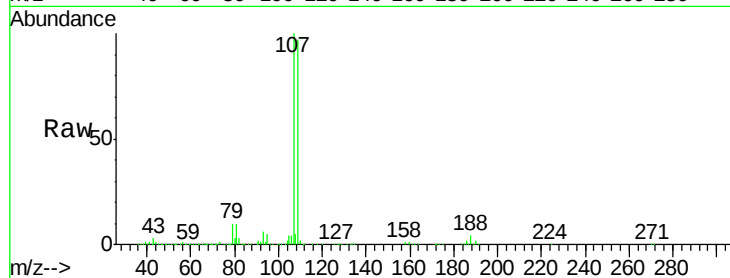
VSTDCCC050EC

Tot Ion:107 Resp: 262612

Ion Ratio Lower Upper

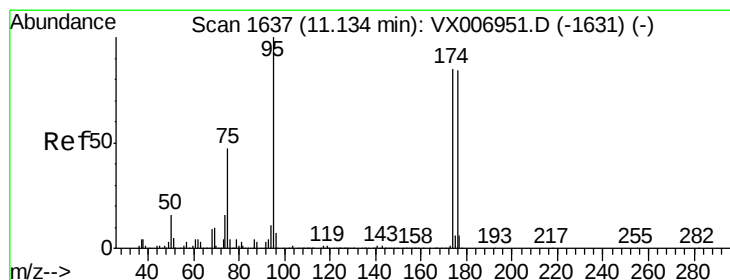
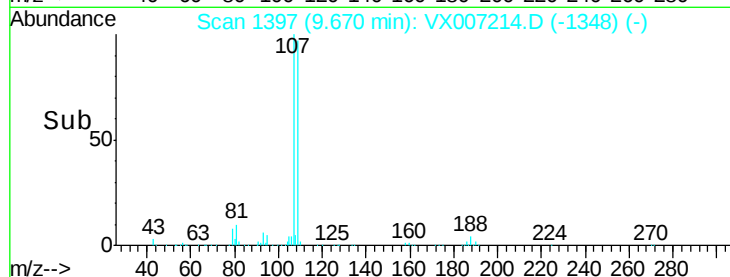
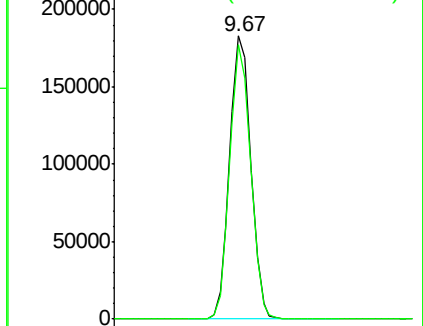
107 100

109 95.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

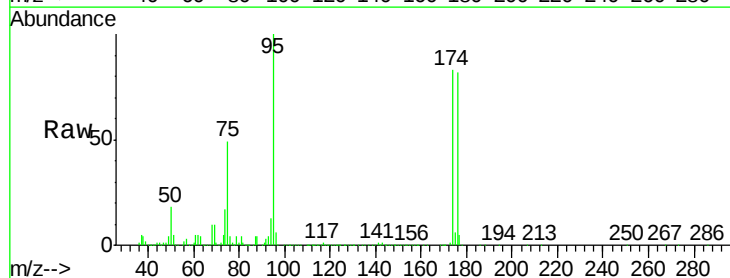
Tgt Ion: 95 Resp: 285919

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

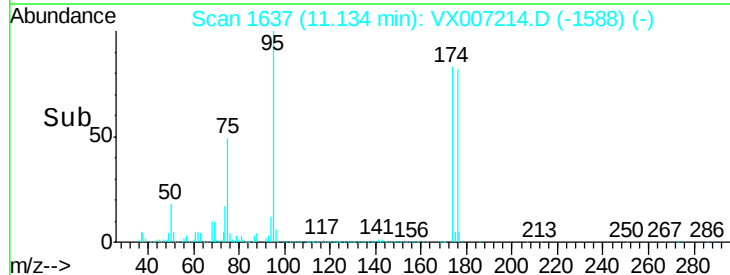
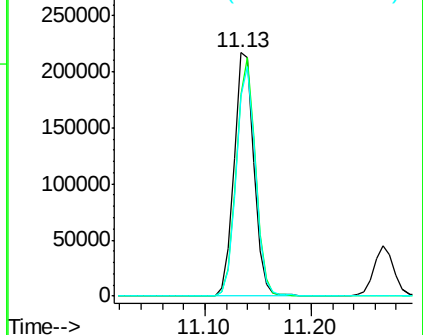
176 91.7 0.0 178.8

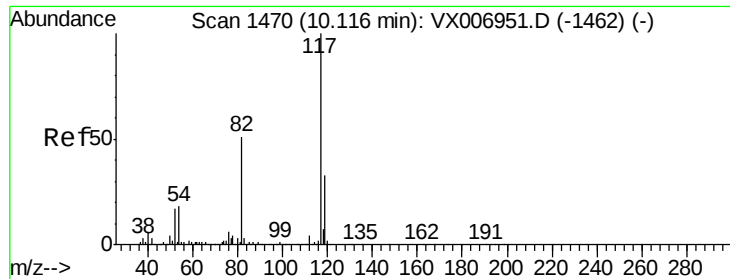


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

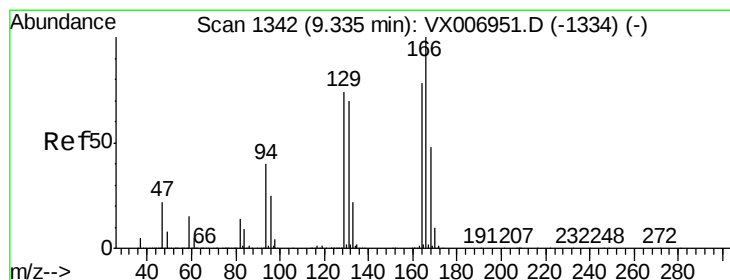
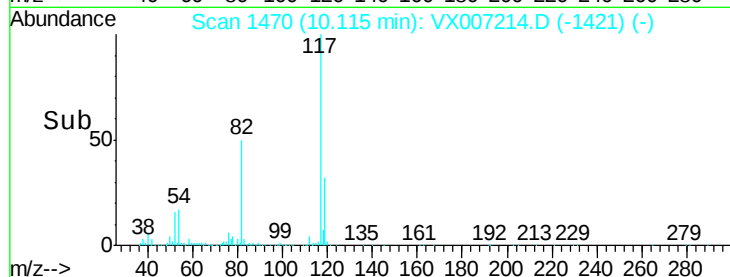
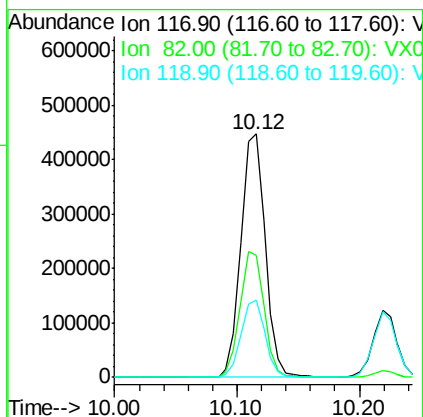
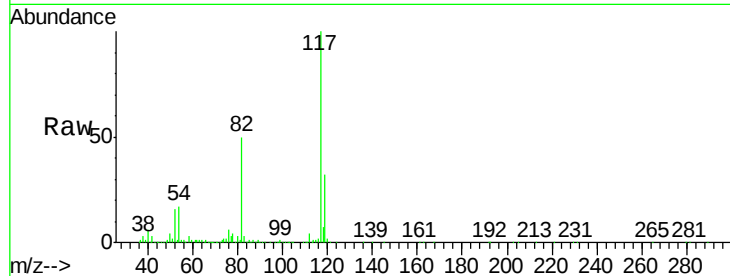




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

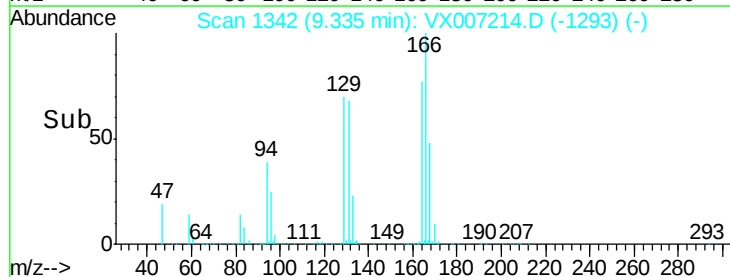
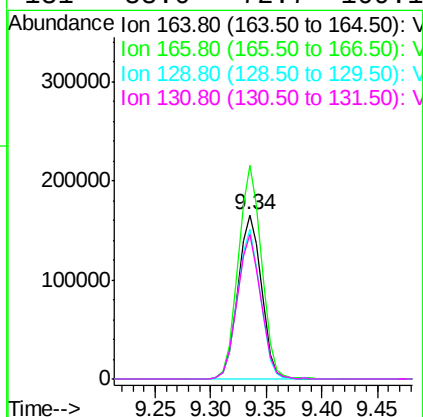
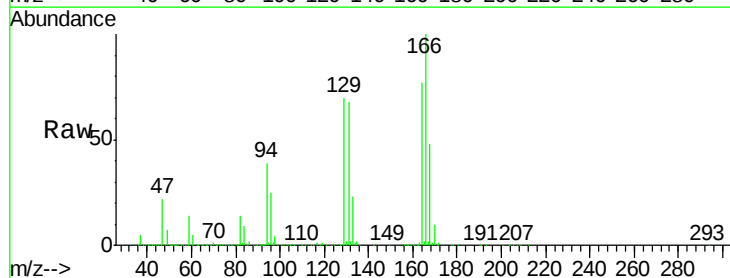
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

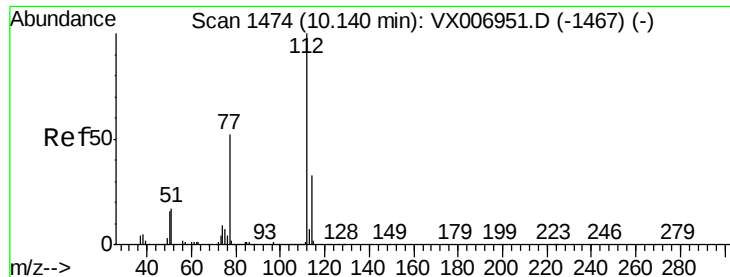
Tot Ion:117 Resp: 617231
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.6
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 45.338 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion:164 Resp: 242279
Ion Ratio Lower Upper
164 100
166 130.2 102.5 153.7
129 91.1 75.1 112.7
131 88.0 72.7 109.1





#65

Chlorobenzene

Concen: 48.929 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

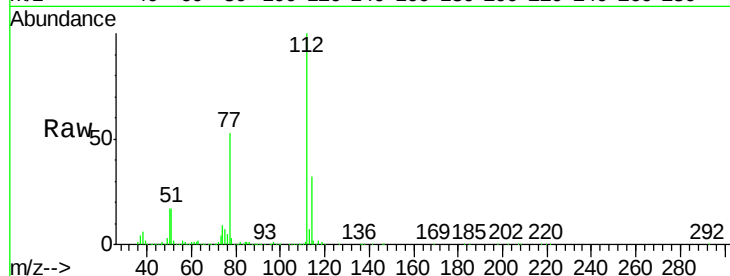
VSTDCCC050EC

Tot Ion:112 Resp: 658689

Ion Ratio Lower Upper

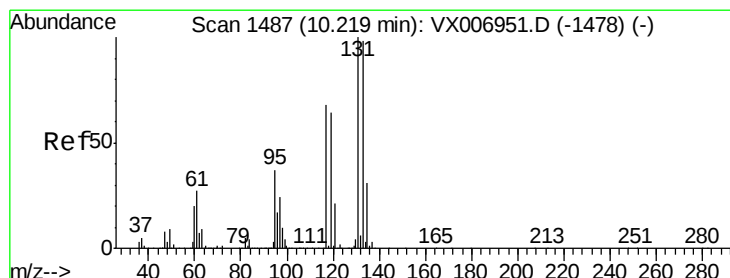
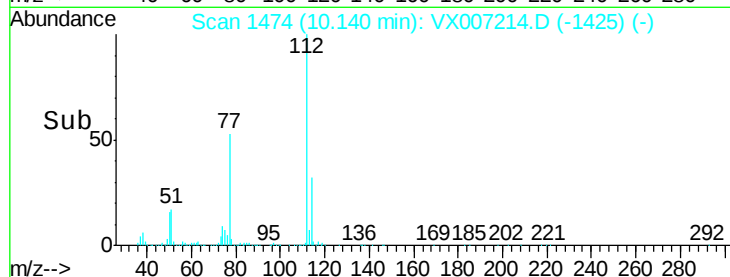
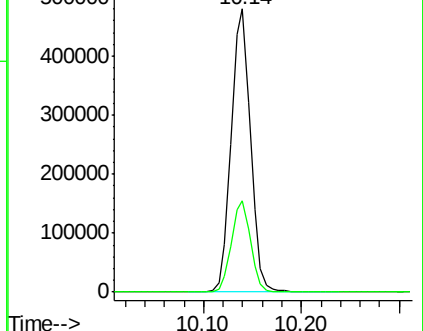
112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.427 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

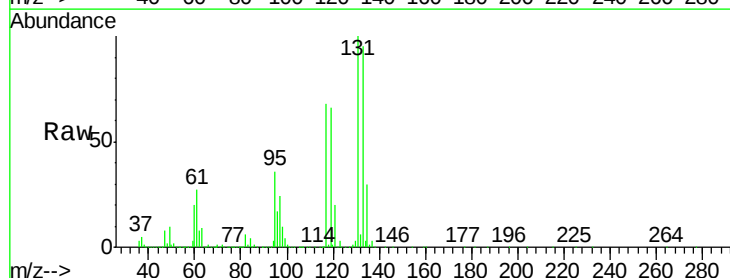
Tgt Ion:131 Resp: 241955

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.2

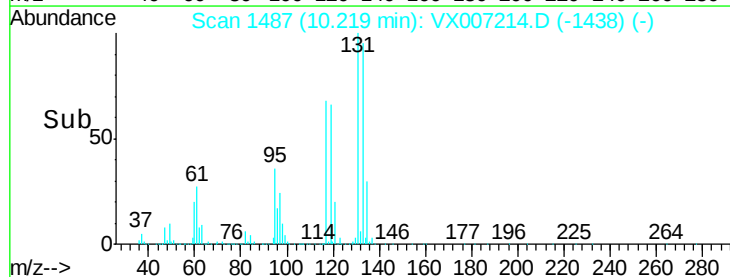
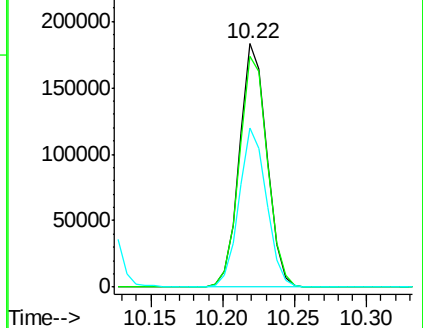
119 65.5 32.6 97.8

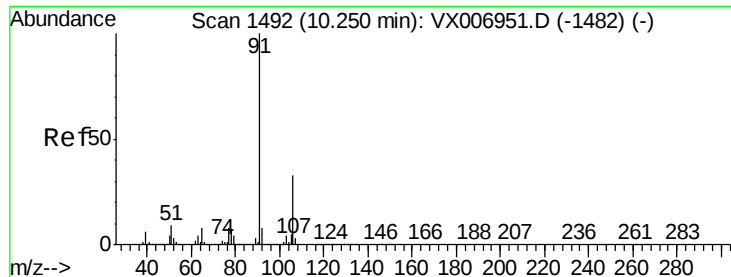


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.314 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

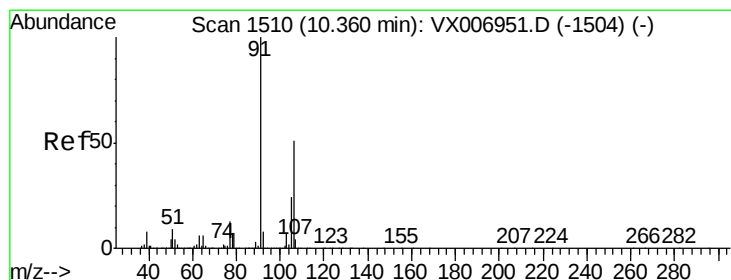
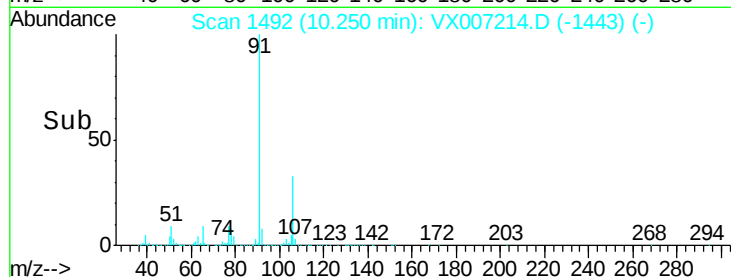
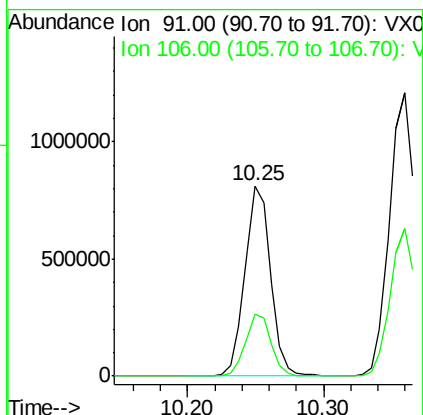
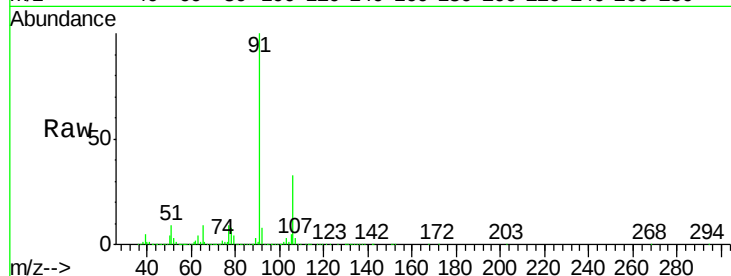
VSTDCCC050EC

Tot Ion: 91 Resp: 1073749

Ion Ratio Lower Upper

91 100

106 32.7 26.4 39.6



#68

m/p-Xylenes

Concen: 96.416 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007214.D

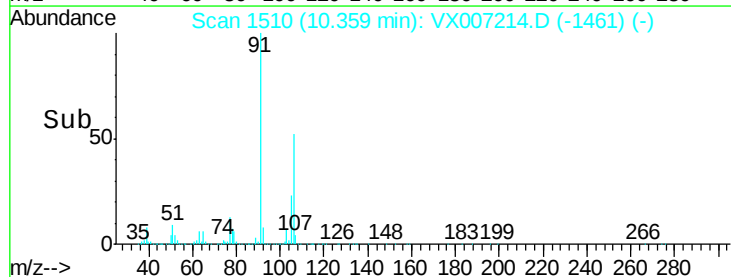
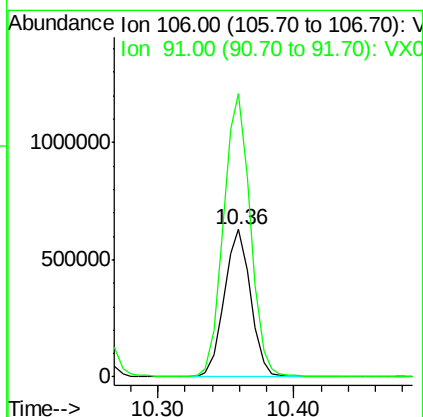
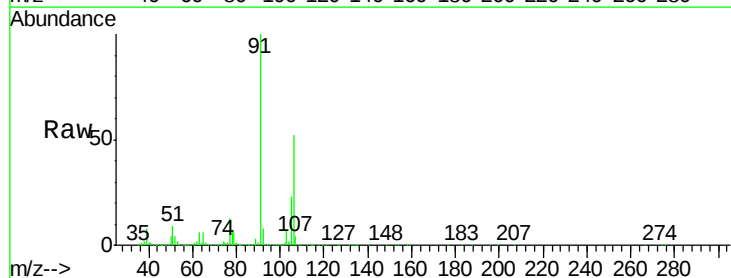
Acq: 24 Jan 2019 19:55

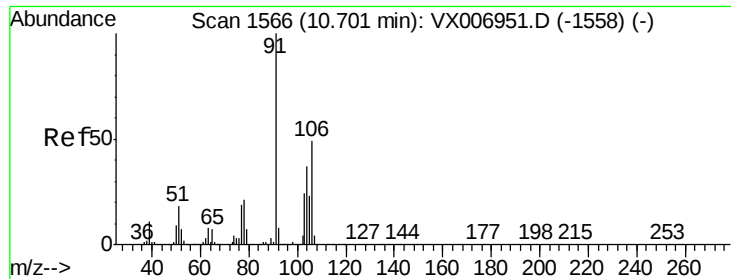
Tgt Ion: 106 Resp: 844226

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6

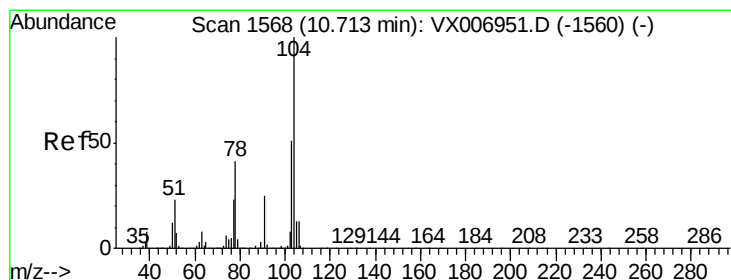
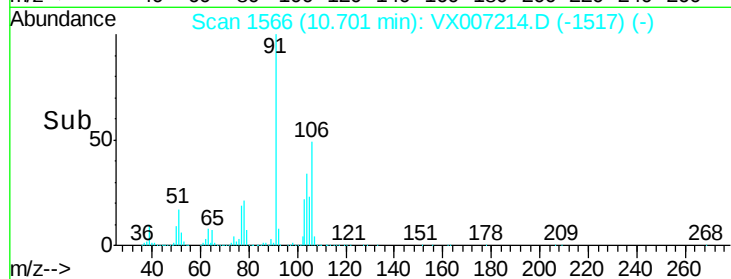
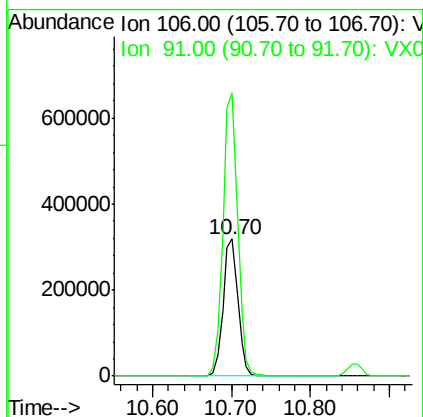
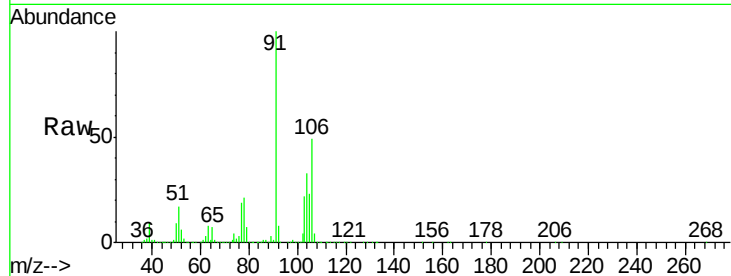




#69
o-Xylene
Concen: 49.011 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

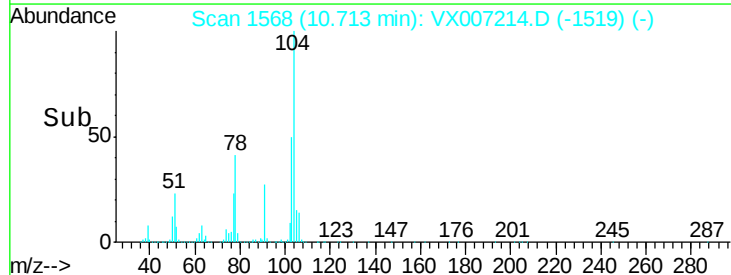
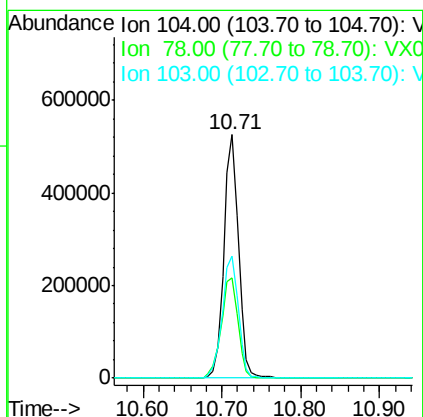
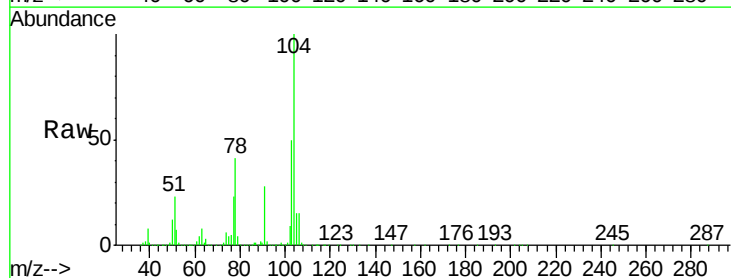
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

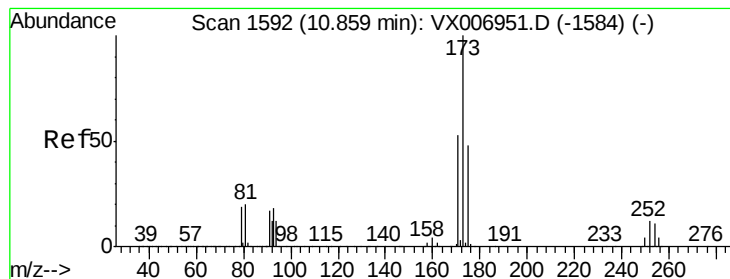
Tot Ion:106 Resp: 418522
Ion Ratio Lower Upper
106 100
91 205.4 101.3 303.7



#70
Styrene
Concen: 50.127 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion:104 Resp: 677938
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.9 43.8 65.8





#71

Bromoform

Concen: 47.327 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

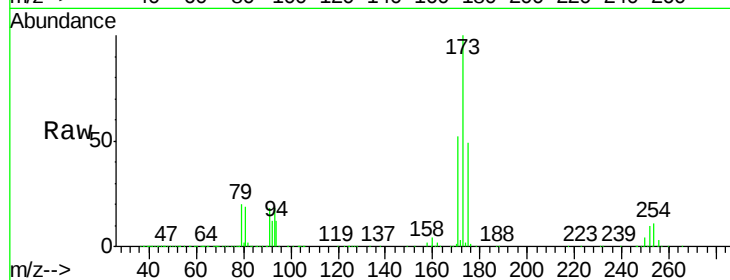
Tot Ion:173 Resp: 190620

Ion Ratio Lower Upper

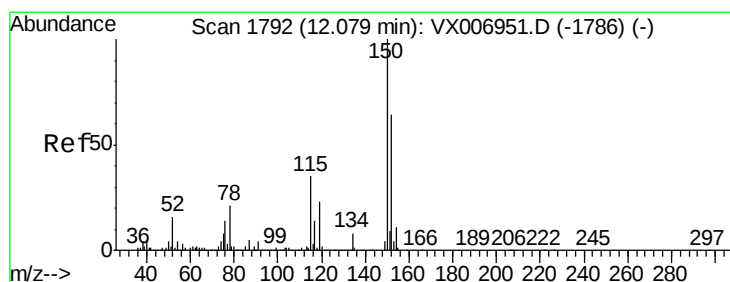
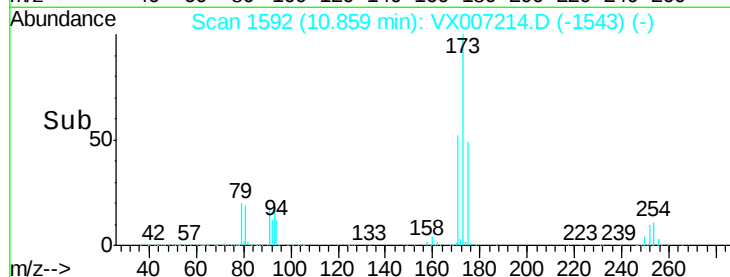
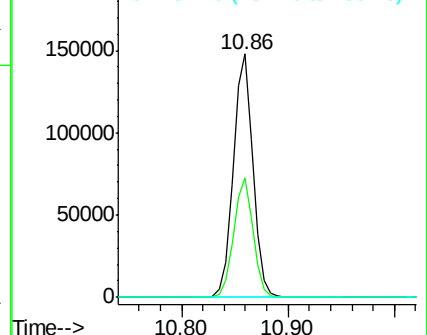
173 100

175 48.8 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

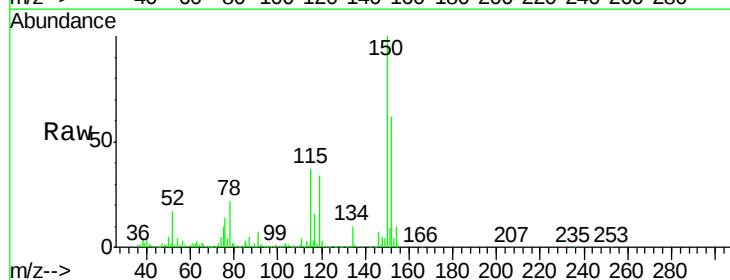
Tgt Ion:152 Resp: 317361

Ion Ratio Lower Upper

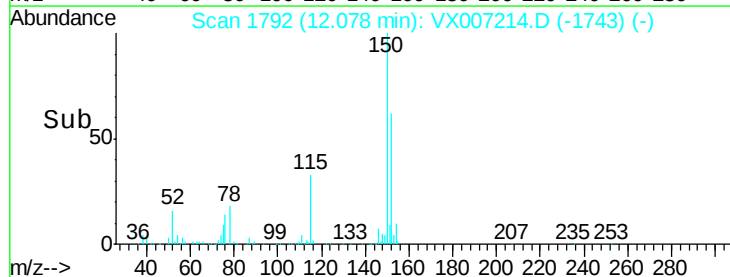
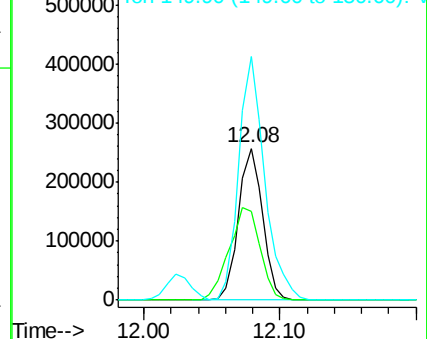
152 100

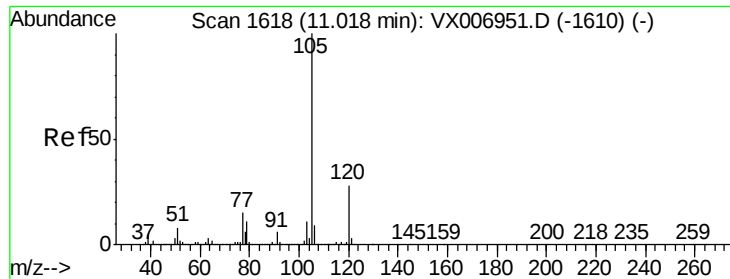
115 77.9 39.1 117.2

150 173.1 0.0 344.8



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: 50.074 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

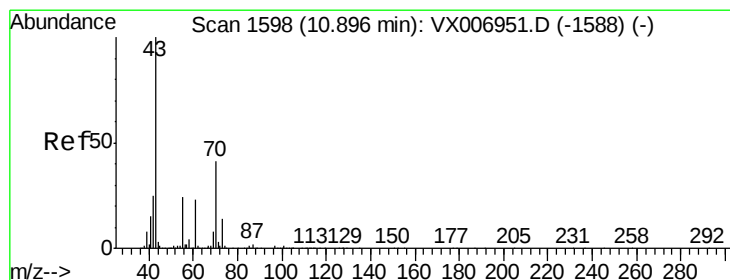
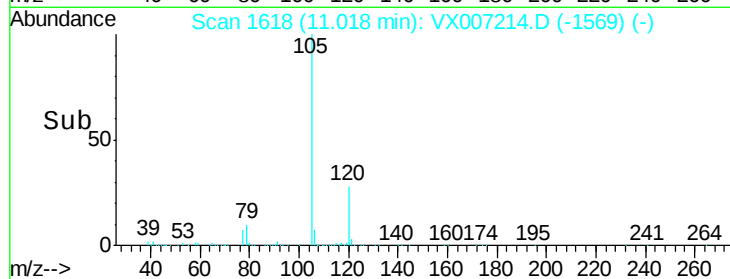
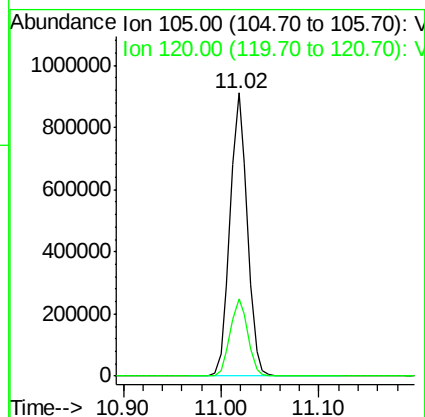
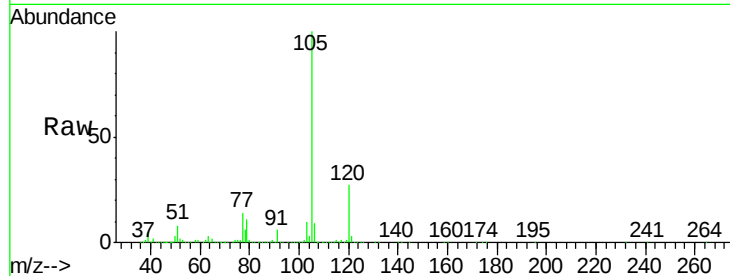
VSTDCCC050EC

Tot Ion:105 Resp: 1120572

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



#74

N-ethyl acetate

Concen: 51.556 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion: 43 Resp: 464523

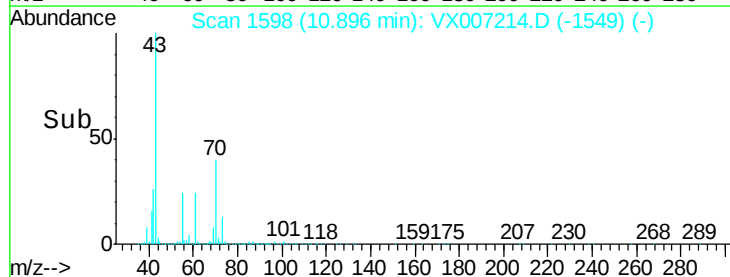
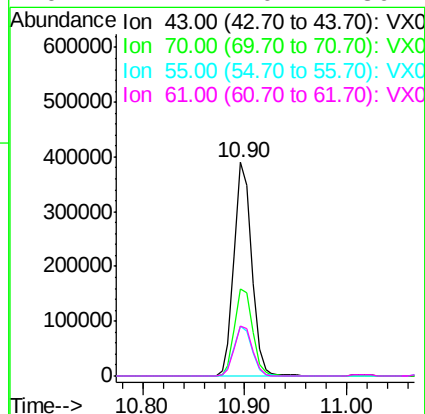
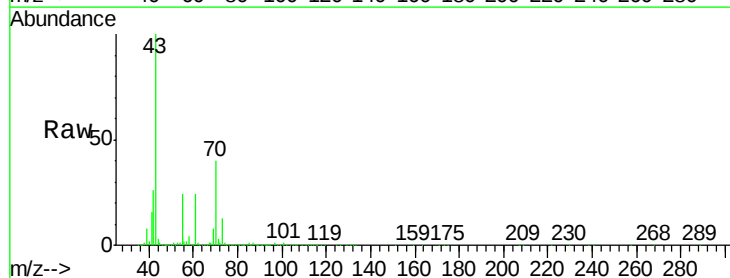
Ion Ratio Lower Upper

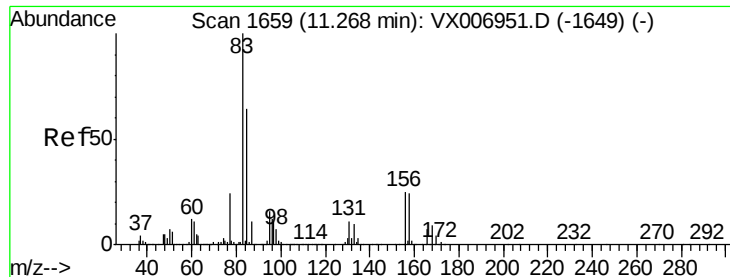
43 100

70 41.9 35.8 53.8

55 23.8 19.4 29.0

61 24.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.961 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

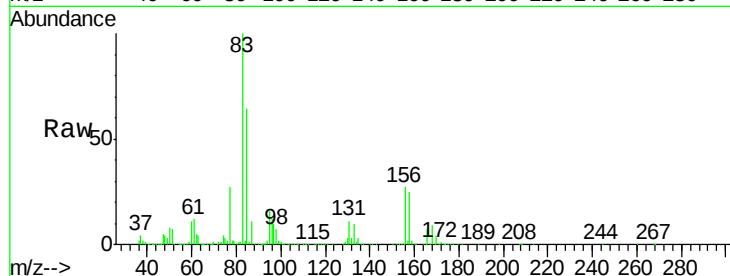
Tot Ion: 83 Resp: 362047

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

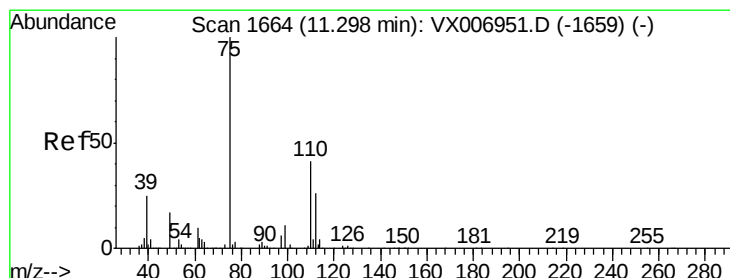
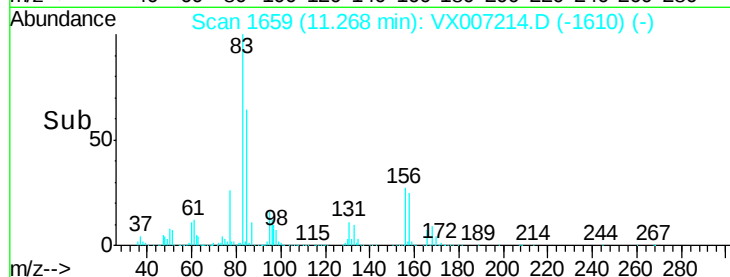
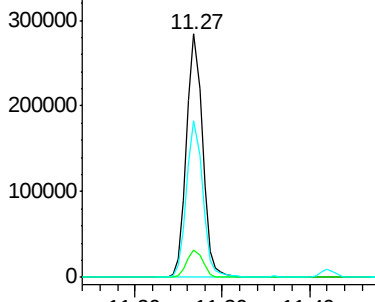
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.771 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007214.D

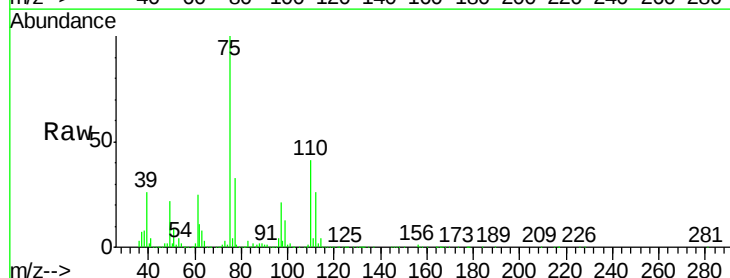
Acq: 24 Jan 2019 19:55

Tgt Ion: 75 Resp: 403692

Ion Ratio Lower Upper

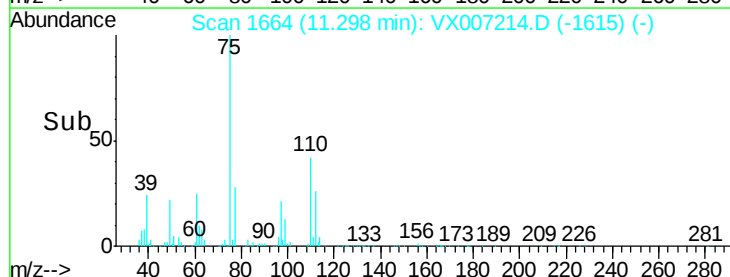
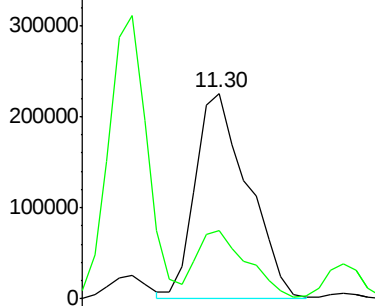
75 100

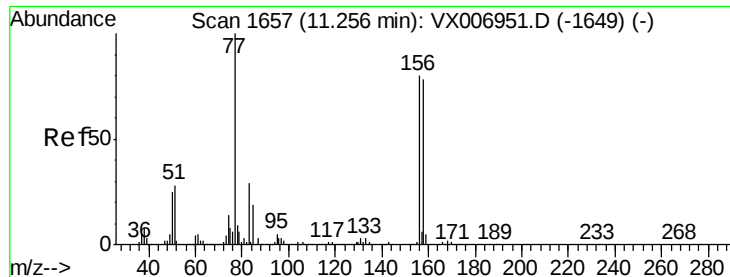
77 31.8 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.797 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

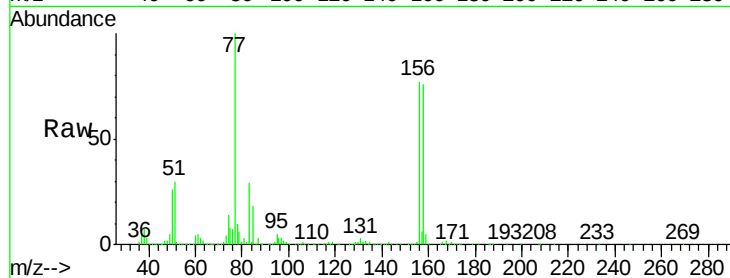
Tot Ion:156 Resp: 300886

Ion Ratio Lower Upper

156 100

77 135.6 68.0 204.0

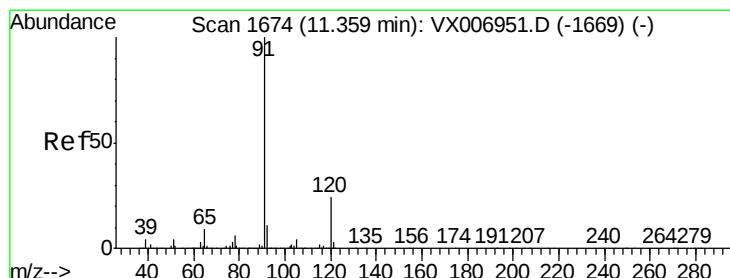
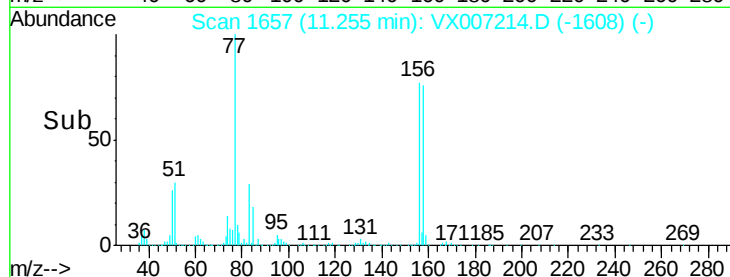
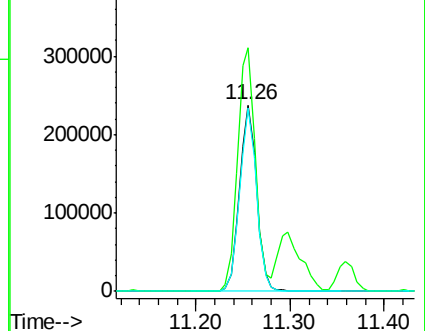
158 96.7 48.3 144.8



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: 49.754 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007214.D

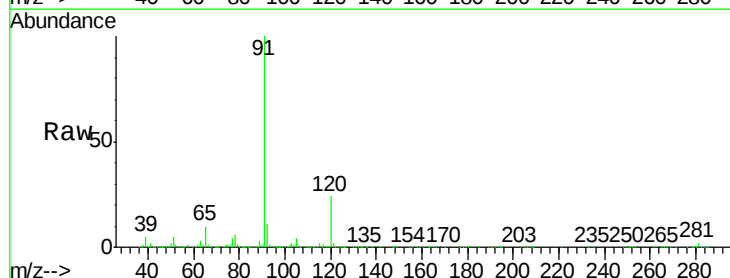
Acq: 24 Jan 2019 19:55

Tgt Ion: 91 Resp: 1222280

Ion Ratio Lower Upper

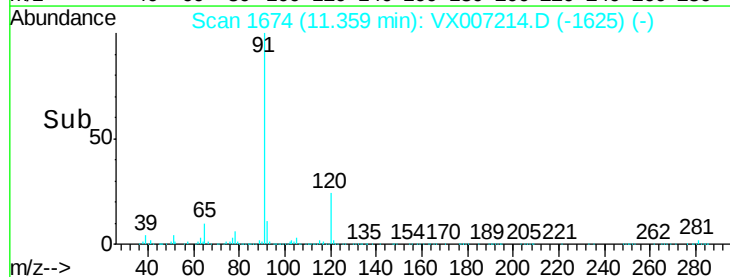
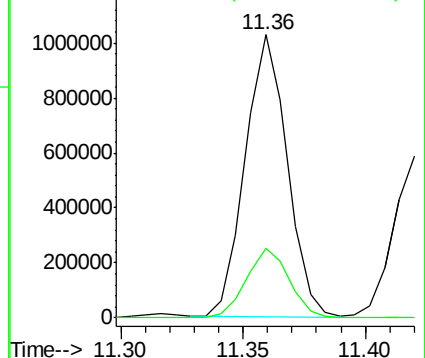
91 100

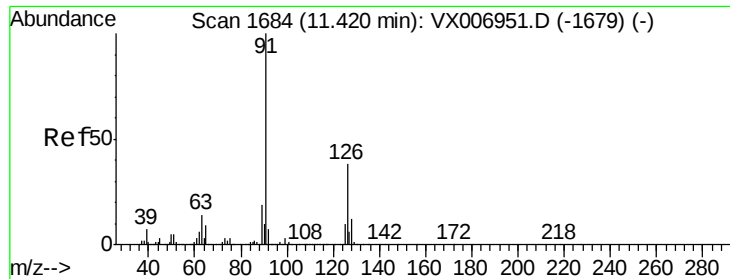
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

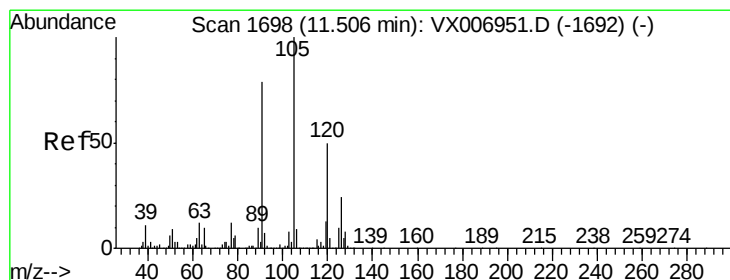
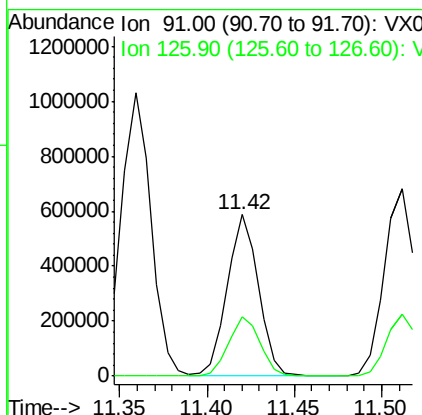
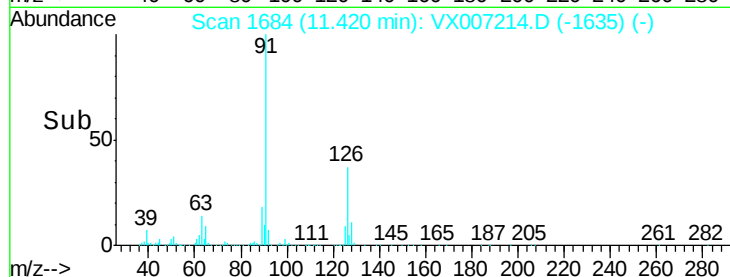
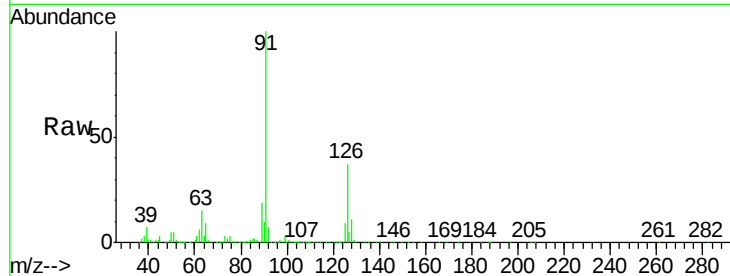




#79
2-Chlorotoluene
Concen: 48.854 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

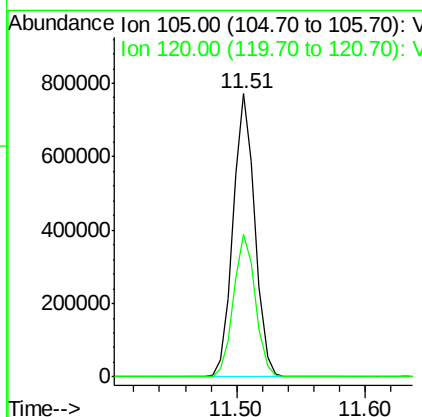
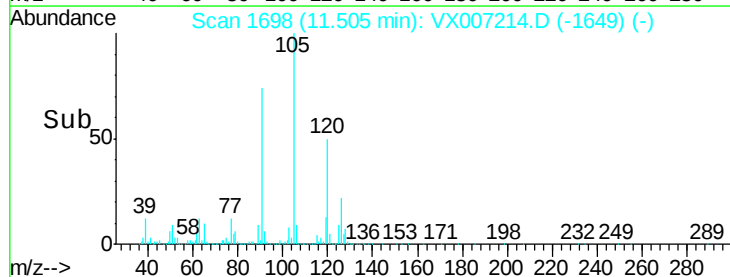
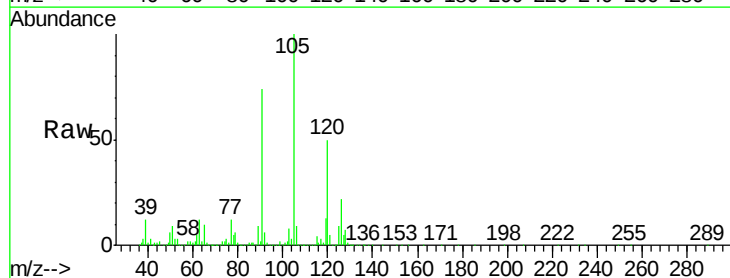
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

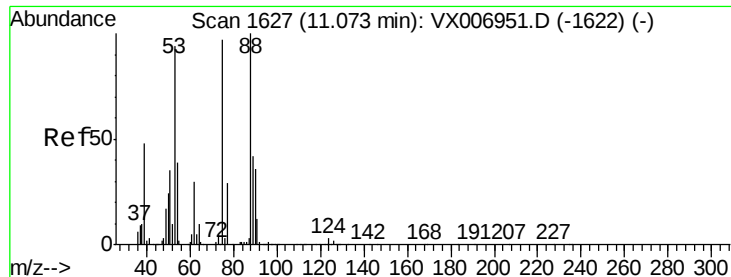
Tot Ion: 91 Resp: 722456
Ion Ratio Lower Upper
91 100
126 37.5 18.6 56.0



#80
1,3,5-Trimethylbenzene
Concen: 48.767 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 105 Resp: 911884
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.3

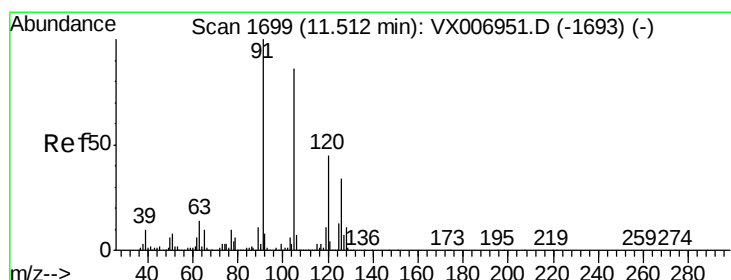
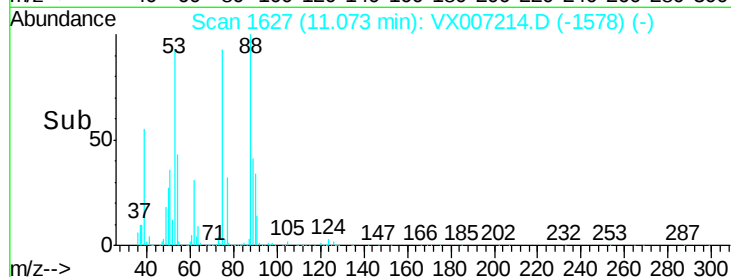
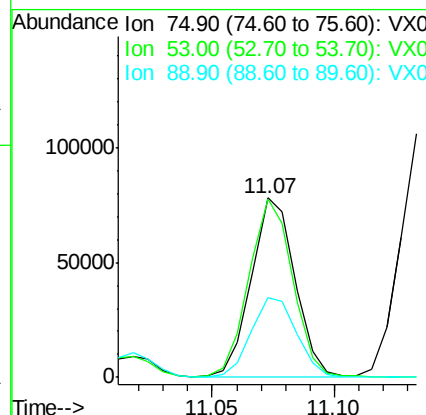
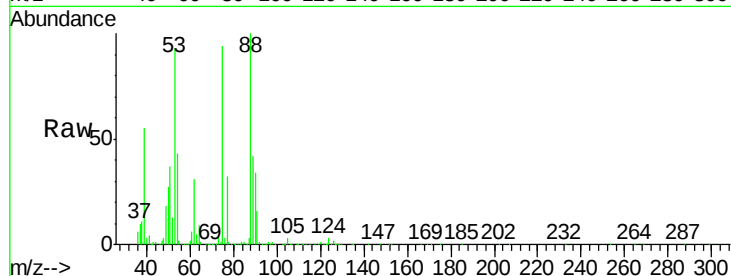




#81
trans-1,4-Dichloro-2-butene
Concen: 45.707 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

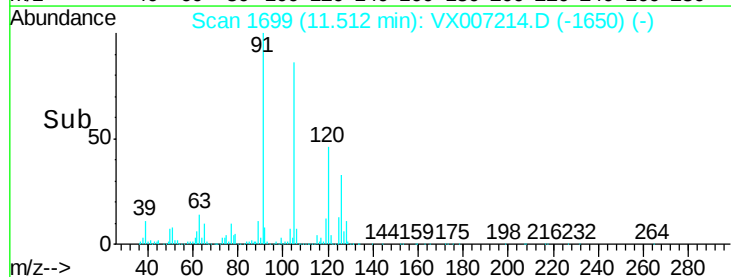
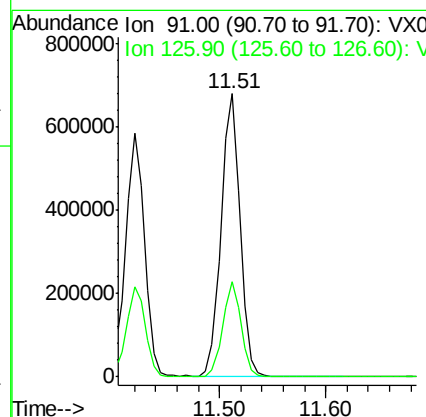
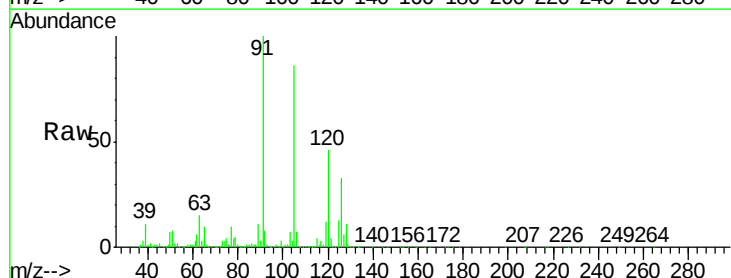
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

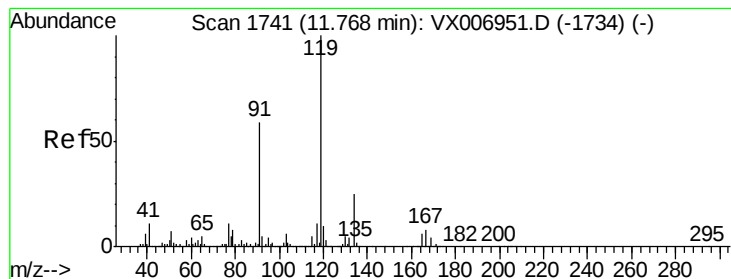
Tot Ion: 75 Resp: 96655
Ion Ratio Lower Upper
75 100
53 99.8 79.7 119.5
89 47.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.259 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 91 Resp: 843425
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9





#83

tert-Butylbenzene

Concen: 50.331 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

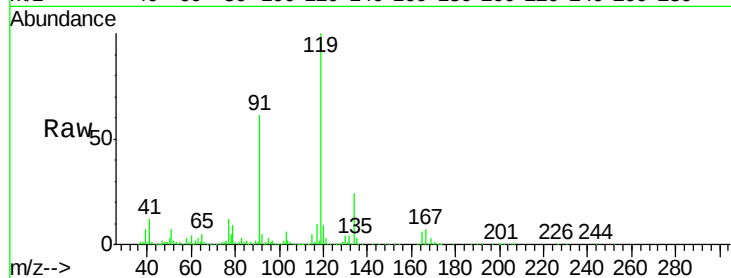
Tot Ion:119 Resp: 939000

Ion Ratio Lower Upper

119 100

91 54.4 27.7 83.1

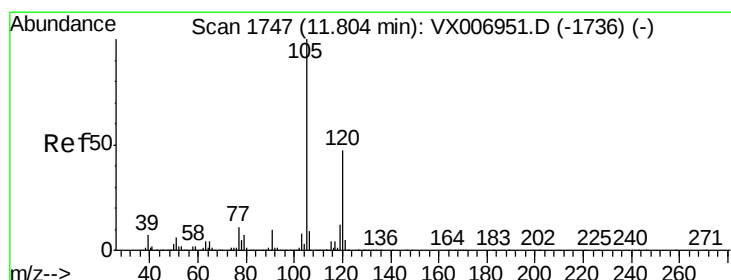
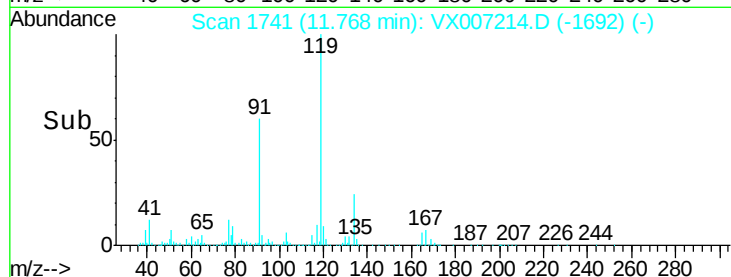
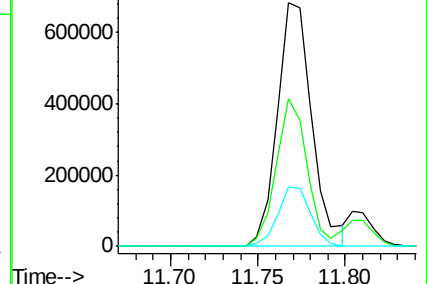
134 23.4 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.513 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007214.D

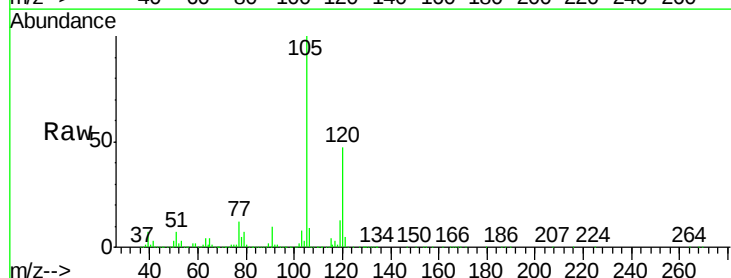
Acq: 24 Jan 2019 19:55

Tgt Ion:105 Resp: 931010

Ion Ratio Lower Upper

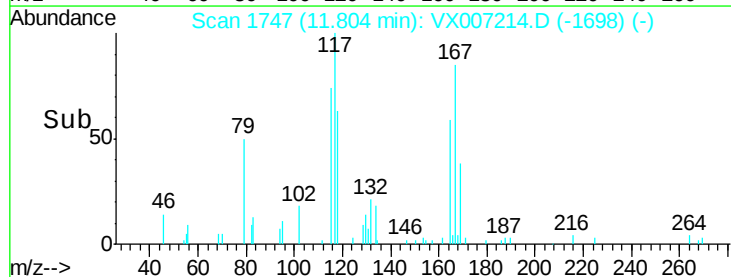
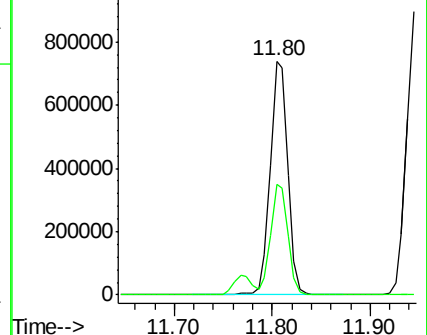
105 100

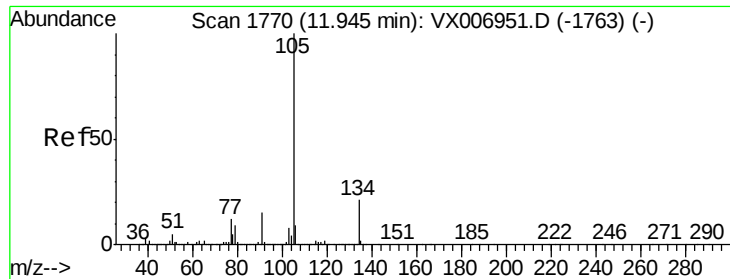
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.726 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

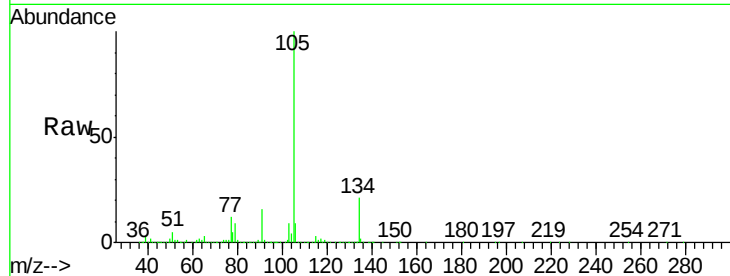
VSTDCCC050EC

Tot Ion:105 Resp: 1107933

Ion Ratio Lower Upper

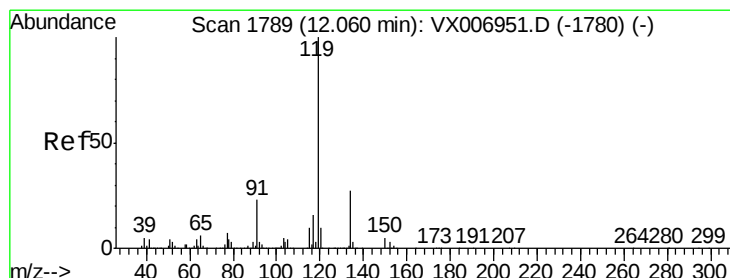
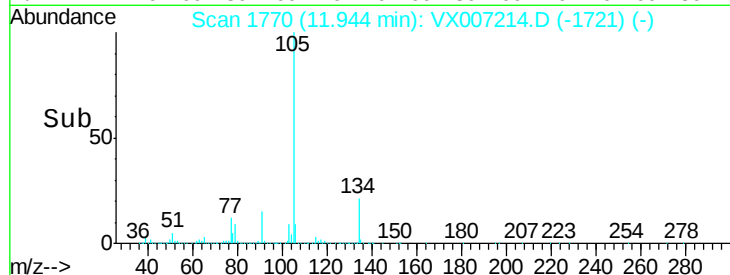
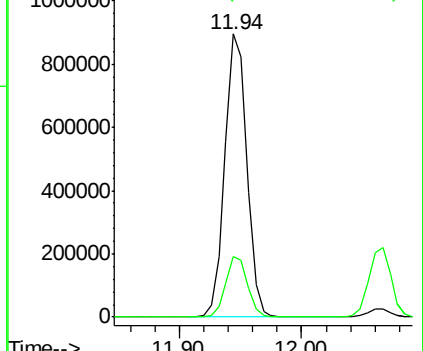
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.465 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

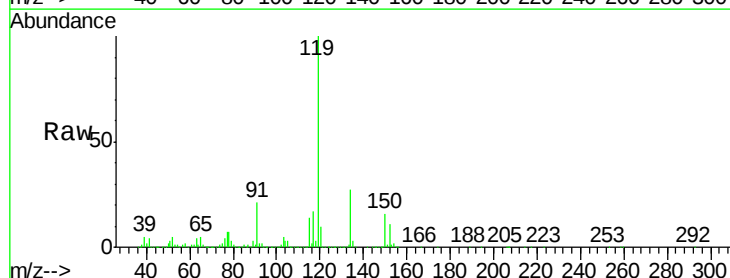
Tgt Ion:119 Resp: 1005735

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

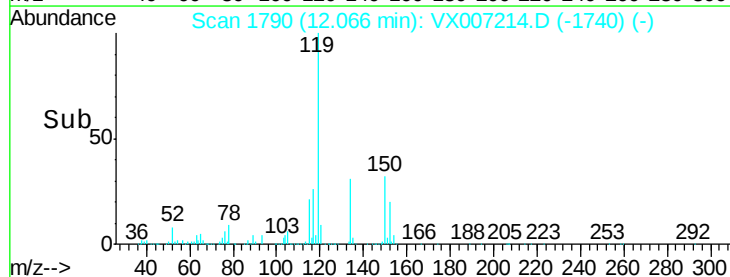
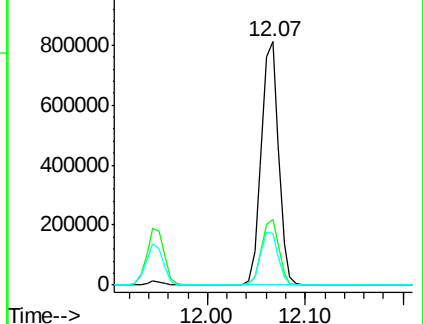
91 22.1 11.3 33.9

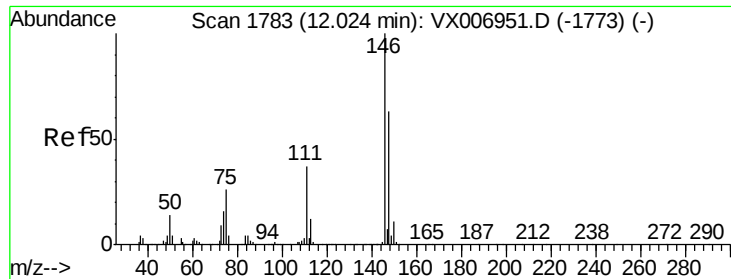


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

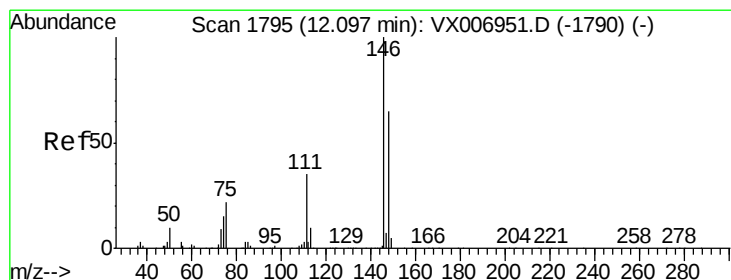
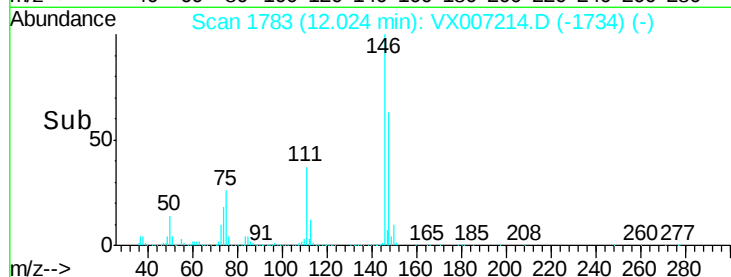
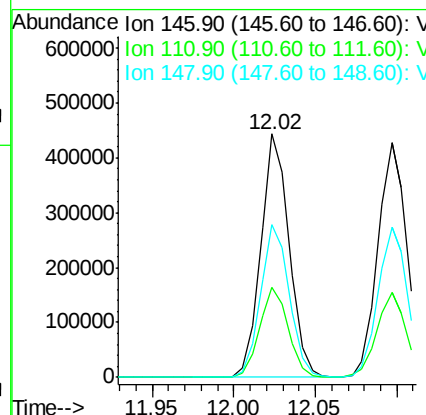
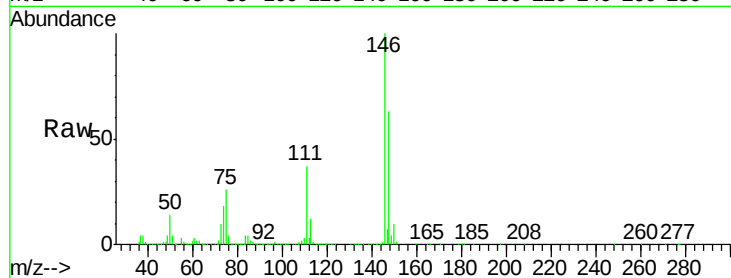




#87
 1,3-Dichlorobenzene
 Concen: 48.076 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

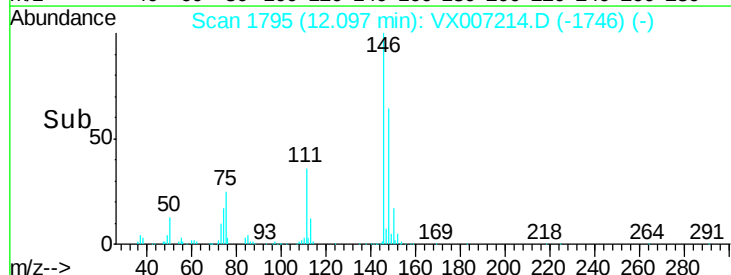
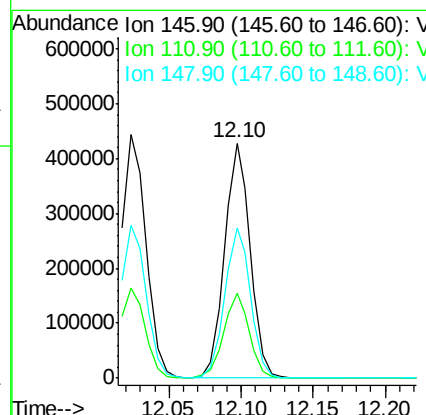
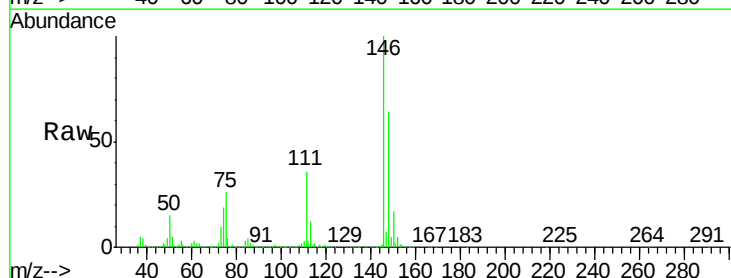
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

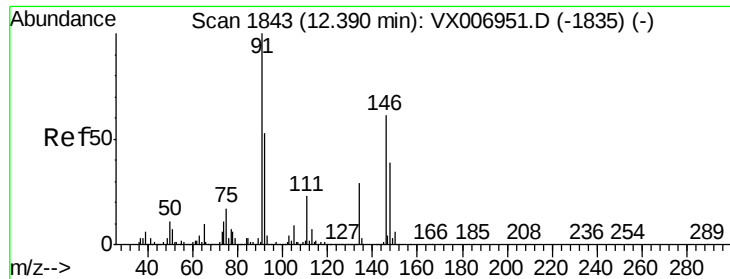
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	63.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.669 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.6	31.9	95.9

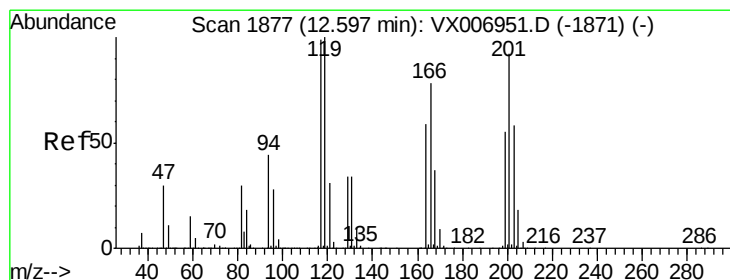
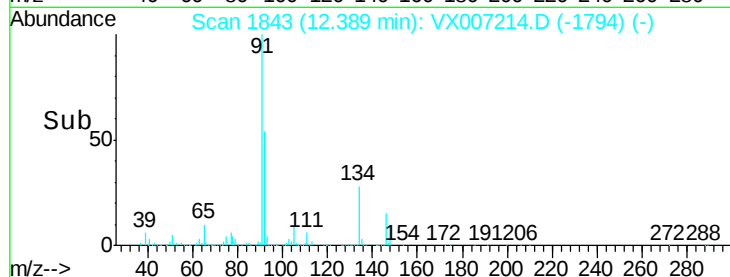
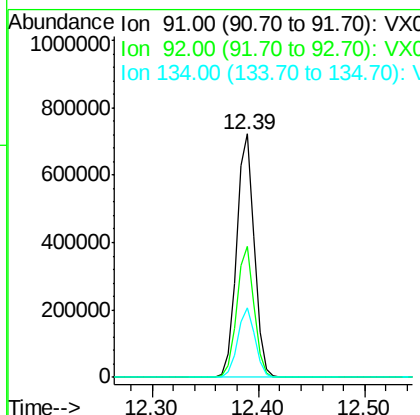
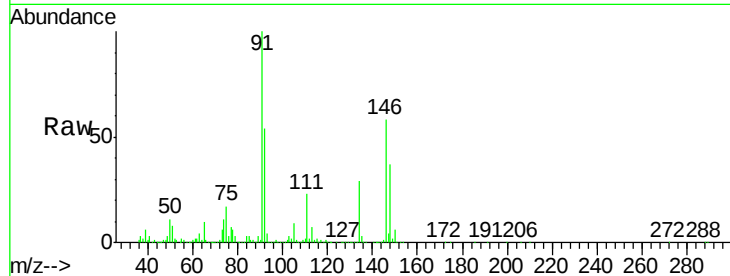




#89
n-Butylbenzene
Concen: 49.397 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

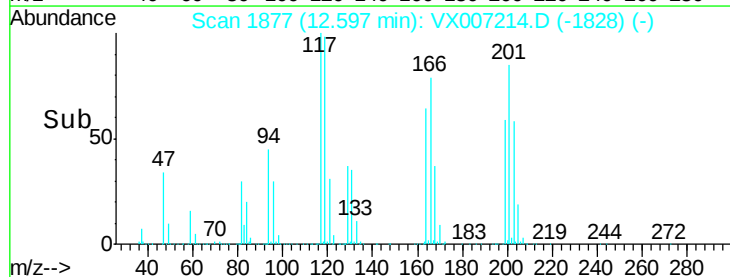
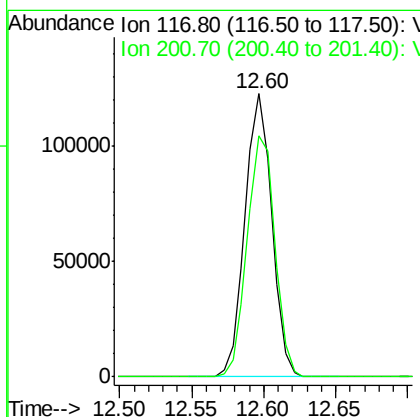
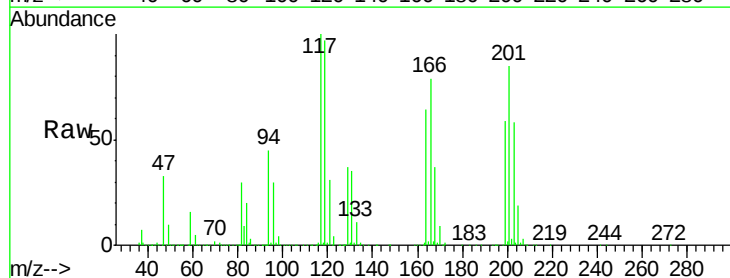
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

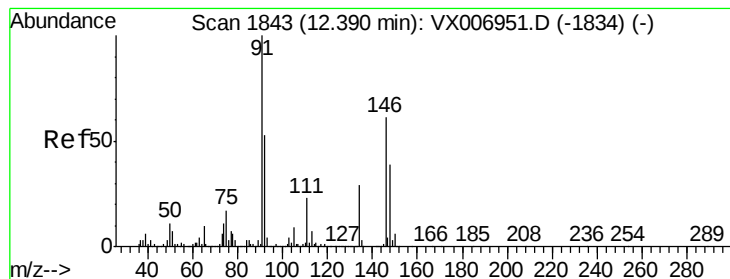
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.1	14.4	43.2



#90
Hexachloroethane
Concen: 49.699 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.772 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

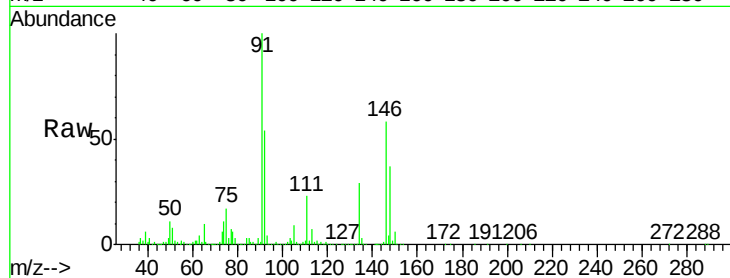
Tot Ion:146 Resp: 536424

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

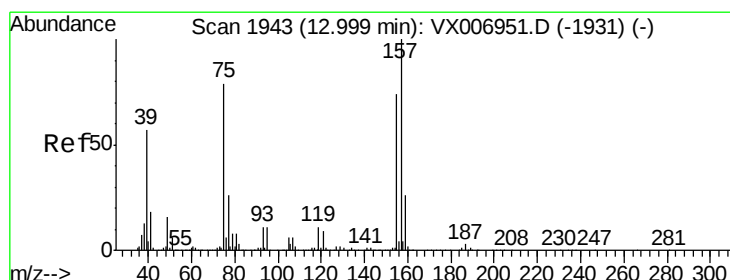
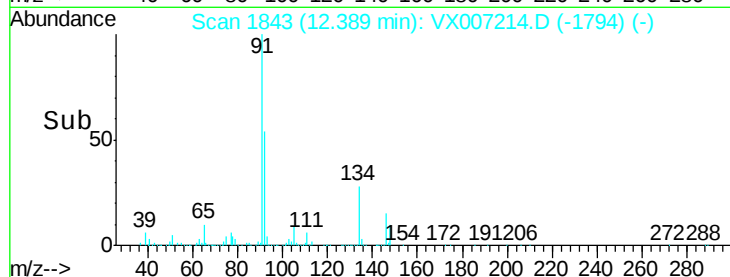
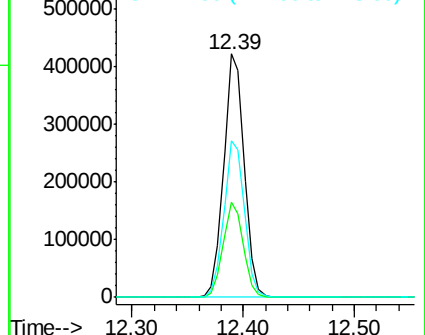
148 64.7 32.3 96.9



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: 53.544 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

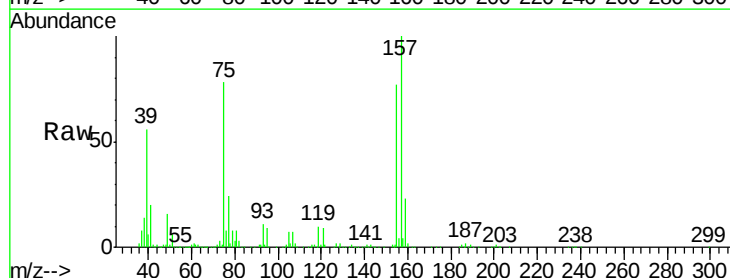
Tgt Ion: 75 Resp: 75233

Ion Ratio Lower Upper

75 100

155 103.8 50.6 151.8

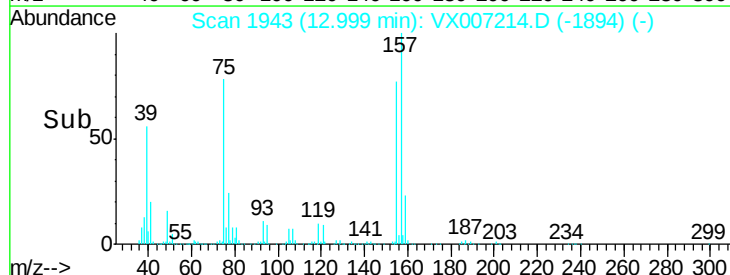
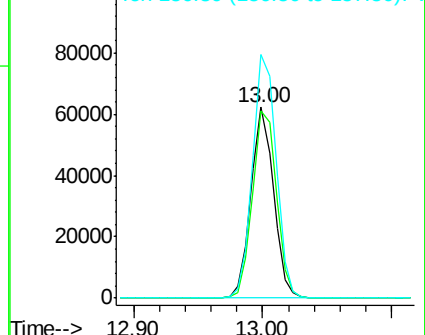
157 132.5 64.6 193.8

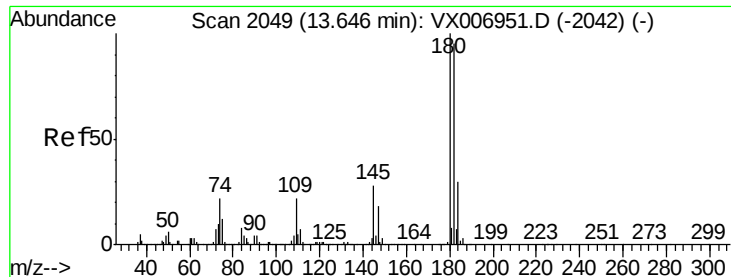


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

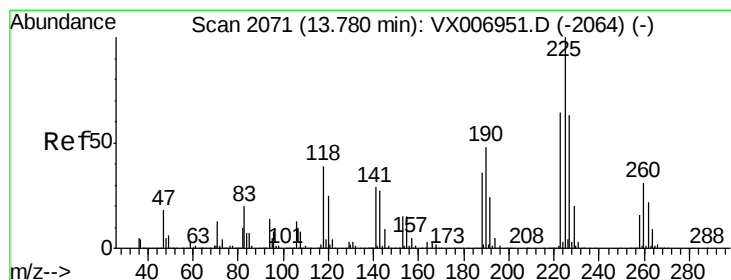
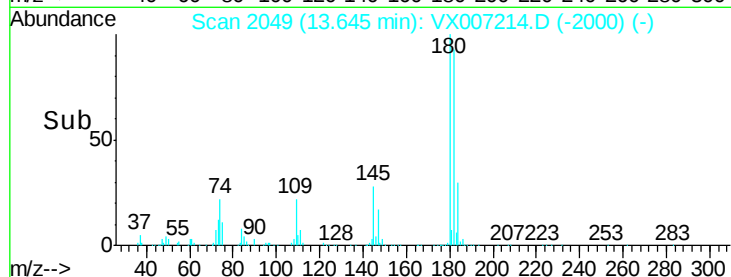
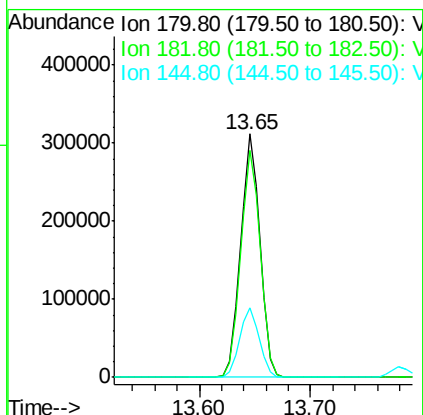
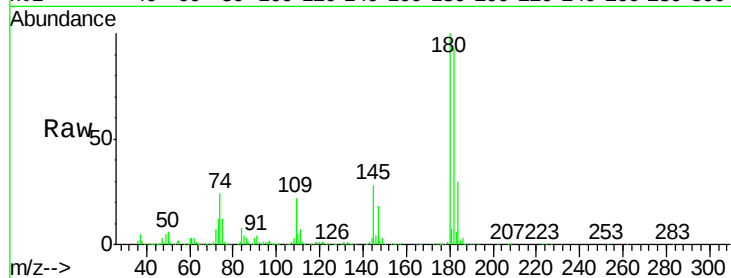




#93
 1,2,4-Trichlorobenzene
 Concen: 49.510 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

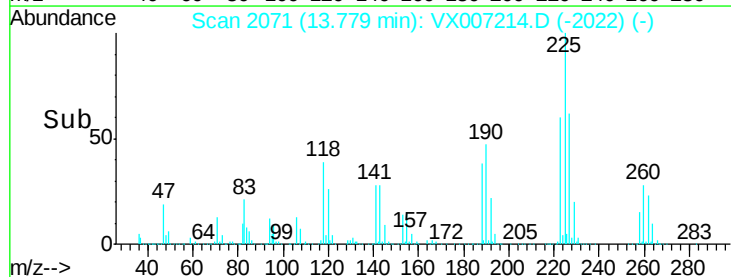
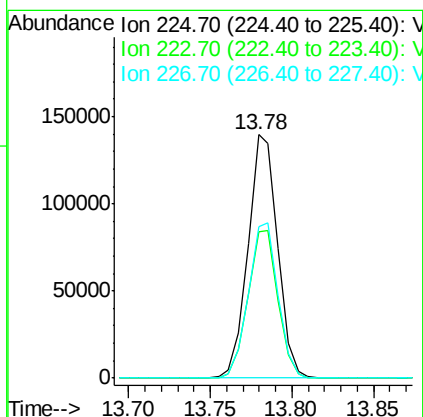
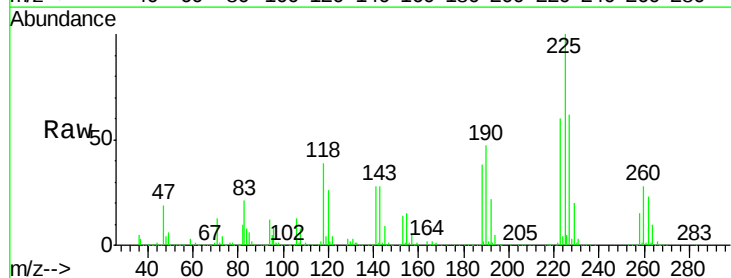
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

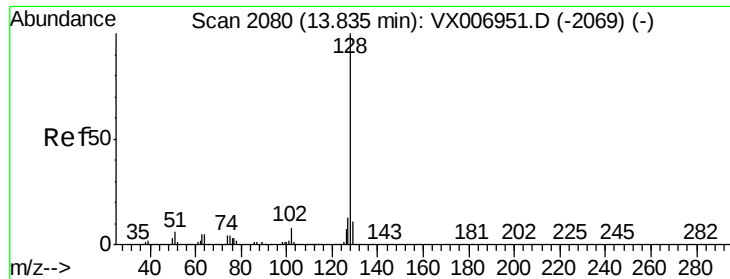
Tot Ion:180 Resp: 373595
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 142.0
 145 28.7 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 52.601 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion:225 Resp: 176138
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.1 96.3
 227 64.1 32.3 96.8





#95

Naphthalene

Concen: 51.390 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

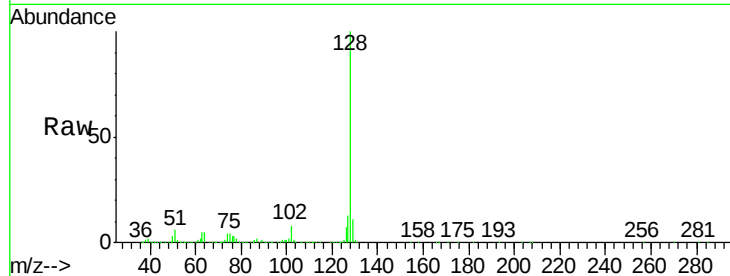
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1175047

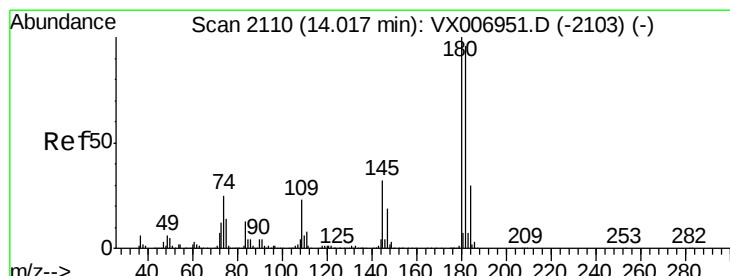
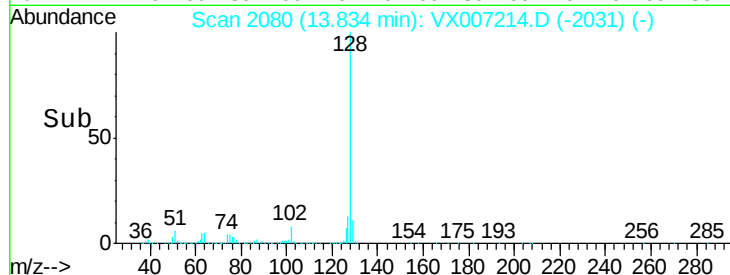
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.573 ug/l

RT: 14.02 min Scan# 2111

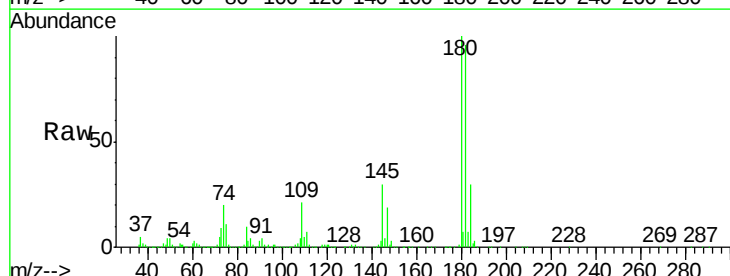
Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:180 Resp: 379090

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.5
145	30.8	16.0	47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

