

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003007.D
 Acq On : 29 Jun 2018 01:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 07:56:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188414	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.51	113	152506	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.72	98	546756	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	210025	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	152262	62.46	ug/l	98
3) Chloromethane	1.32	50	143968	56.98	ug/l	98
4) Vinyl Chloride	1.41	62	158555	51.29	ug/l	92
5) Bromomethane	1.64	94	73383	50.90	ug/l	99
6) Chloroethane	1.71	64	102569	56.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	254436	48.79	ug/l	98
8) Diethyl Ether	2.19	74	92703	48.90	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142487	47.15	ug/l	98
10) Methyl Iodide	2.51	142	117353	39.75	ug/l	100
11) Tert butyl alcohol	3.08	59	173374	230.33	ug/l	99
12) 1,1-Dichloroethene	2.37	96	131839	48.90	ug/l	95
13) Acrolein	2.29	56	81194	195.51	ug/l	100
14) Allyl chloride	2.73	41	254395	47.87	ug/l	97
15) Acrylonitrile	3.15	53	393821	244.95	ug/l	99
16) Acetone	2.45	43	363654	232.40	ug/l	98
17) Carbon Disulfide	2.57	76	375002	52.20	ug/l	98
18) Methyl Acetate	2.78	43	191965	43.88	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	470263	48.52	ug/l	99
20) Methylene Chloride	2.86	84	144741	47.53	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	139351	47.46	ug/l	96
22) Diisopropyl ether	3.88	45	508040	50.01	ug/l	99
23) Vinyl Acetate	3.83	43	2222727	258.39	ug/l	99
24) 1,1-Dichloroethane	3.70	63	278100	50.37	ug/l	100
25) 2-Butanone	4.71	43	589507	253.85	ug/l	97
26) 2,2-Dichloropropane	4.59	77	165066	36.77	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	164655	50.01	ug/l	93
28) Bromochloromethane	5.02	49	131027	49.58	ug/l	93
29) Tetrahydrofuran	5.17	42	378351	254.06	ug/l	97
30) Chloroform	5.22	83	285110	50.32	ug/l	99
31) Cyclohexane	5.58	56	233598	49.30	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	253571	50.86	ug/l	99
36) 1,1-Dichloropropene	5.81	75	206412	49.47	ug/l	99
37) Ethyl Acetate	4.87	43	232567	51.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	227956	49.78	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224245	46.14	ug/l	98
40) Benzene	6.15	78	606306	50.01	ug/l	99
41) Methacrylonitrile	5.07	41	131568	50.85	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236191	48.23	ug/l	100
43) Isopropyl Acetate	6.47	43	375151	49.79	ug/l	98
44) Trichloroethene	7.21	130	178668	49.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159479	49.59	ug/l	100
46) Dibromomethane	7.67	93	110761	49.62	ug/l	96
47) Bromodichloromethane	7.90	83	213222	51.67	ug/l	99
48) Methyl methacrylate	7.78	41	196263	50.55	ug/l	96
49) 1,4-Dioxane	7.76	88	76774	1016.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1217919	258.34	ug/l	98
52) Toluene	8.79	92	393846	50.71	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	235184	50.33	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	220851	49.12	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	161780	50.69	ug/l	99
56) Ethyl methacrylate	9.18	69	248811	53.34	ug/l	95
57) 1,3-Dichloropropane	9.38	76	261620	49.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	579847	257.67	ug/l	98
59) 2-Hexanone	9.50	43	934215	260.73	ug/l	97
60) Dibromochloromethane	9.59	129	175538	52.24	ug/l	100
61) 1,2-Dibromoethane	9.68	107	171485	51.22	ug/l	99
64) Tetrachloroethene	9.34	164	198687	49.31	ug/l	99
65) Chlorobenzene	10.14	112	454148	49.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	170175	50.90	ug/l	100
67) Ethyl Benzene	10.26	91	770411	50.67	ug/l	100
68) m/p-Xylenes	10.36	106	599313	102.28	ug/l	99
69) o-Xylene	10.70	106	291577	51.11	ug/l	99
70) Styrene	10.71	104	489787	52.83	ug/l	99
71) Bromoform	10.86	173	138626	46.21	ug/l	98
73) Isopropylbenzene	11.02	105	772401	50.84	ug/l	100
74) N-amyl acetate	6.47	43	375151	50.46	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	245280	52.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268774	65.70	ug/l	79
77) Bromobenzene	11.26	156	219424	50.71	ug/l	98
78) n-propylbenzene	11.37	91	867133	50.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	530527	50.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	649005	50.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59015	42.40	ug/l	99
82) 4-Chlorotoluene	11.51	91	621279	50.12	ug/l	99
83) tert-Butylbenzene	11.77	119	634387	50.30	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	672095	50.69	ug/l	99
85) sec-Butylbenzene	11.95	105	746331	48.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	680163	49.45	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	393488	49.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	396167	48.71	ug/l	99
89) n-Butylbenzene	12.39	91	565200	47.21	ug/l	99
90) Hexachloroethane	12.60	117	95451	46.65	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	400561	50.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53606	50.95	ug/l	96

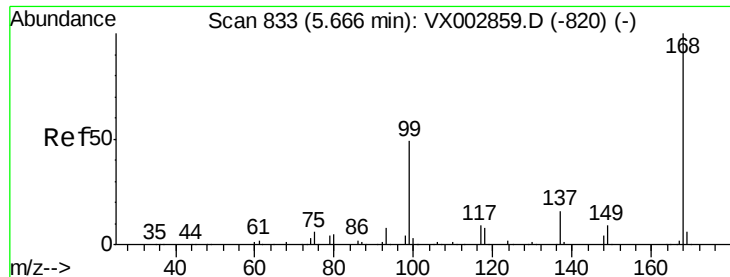
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280608	48.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	138516	47.84	ug/l	99
95) Naphthalene	13.84	128	836153	54.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288972	49.84	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

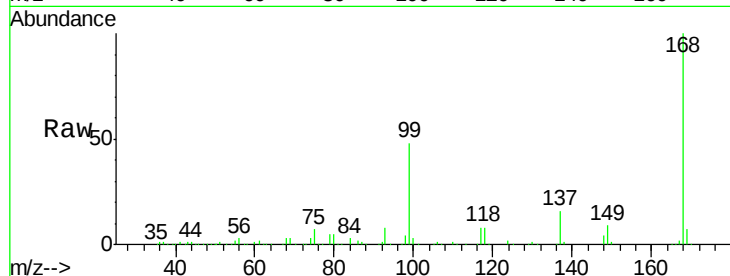
VSTDCCC050

Tot Ion:168 Resp: 273370

Ion Ratio Lower Upper

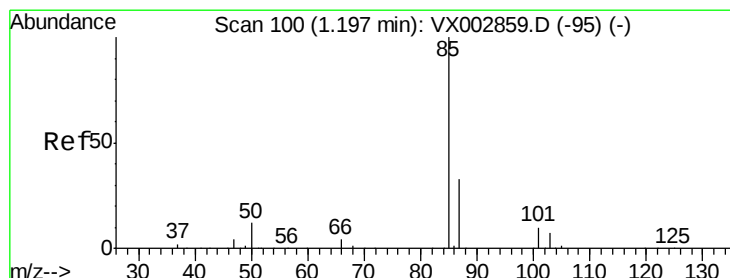
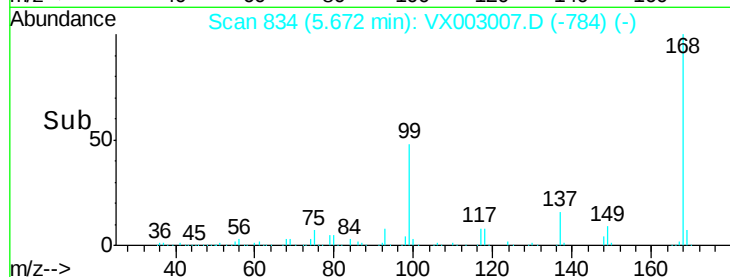
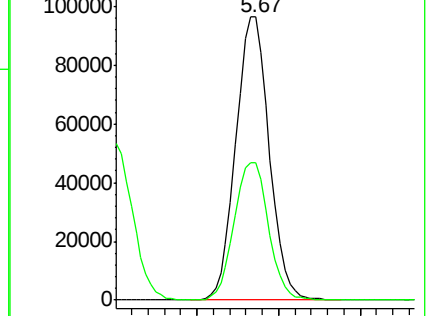
168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 62.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003007.D

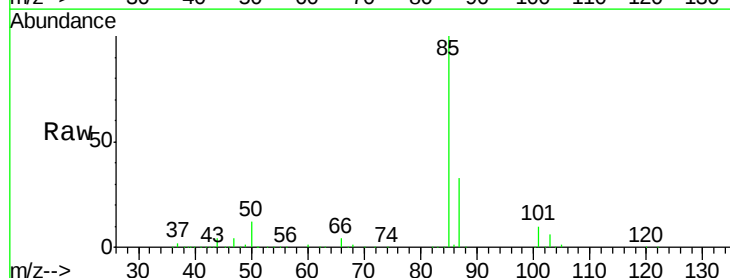
Acq: 29 Jun 2018 01:24

Tgt Ion: 85 Resp: 152262

Ion Ratio Lower Upper

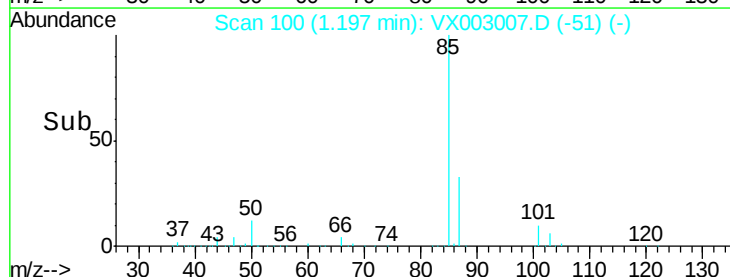
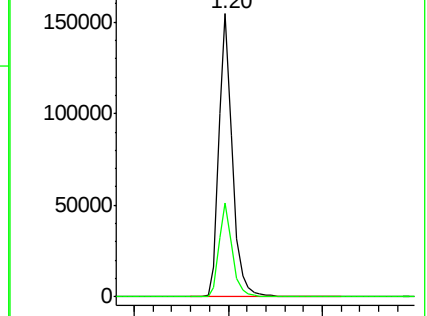
85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 56.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

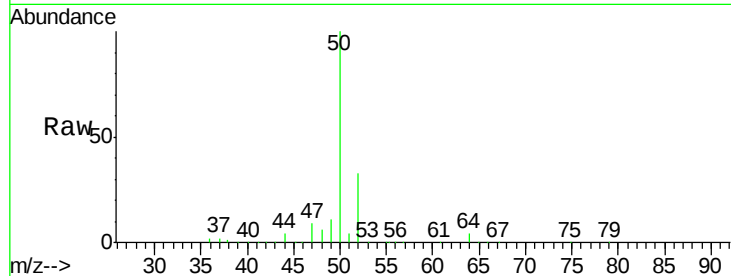
VSTDCCC050

Tot Ion: 50 Resp: 143968

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

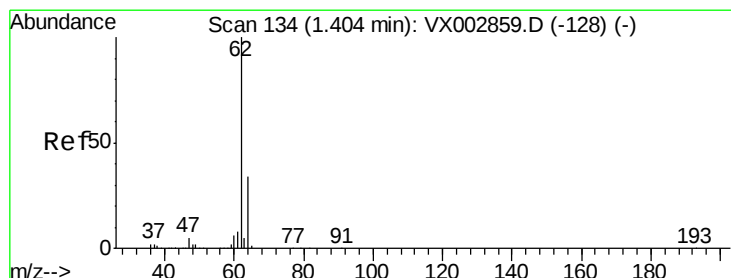
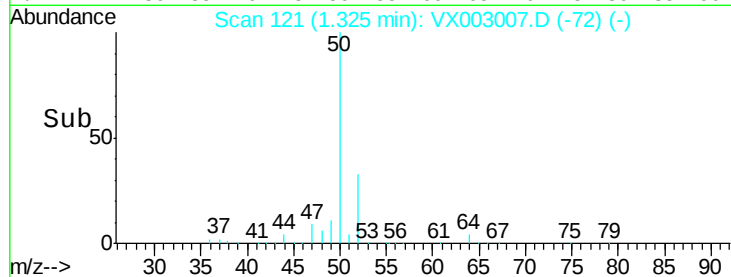
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 51.29 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003007.D

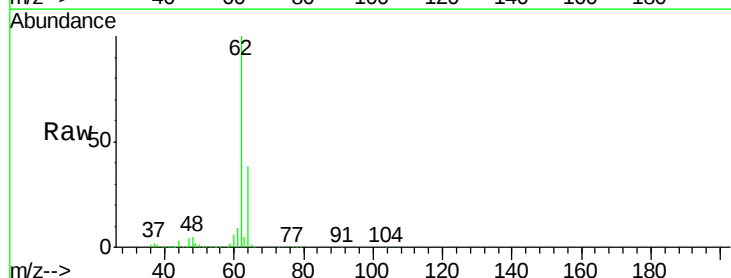
Acq: 29 Jun 2018 01:24

Tgt Ion: 62 Resp: 158555

Ion Ratio Lower Upper

62 100

64 36.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

150000

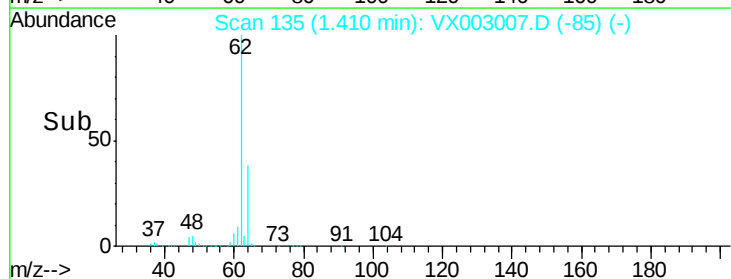
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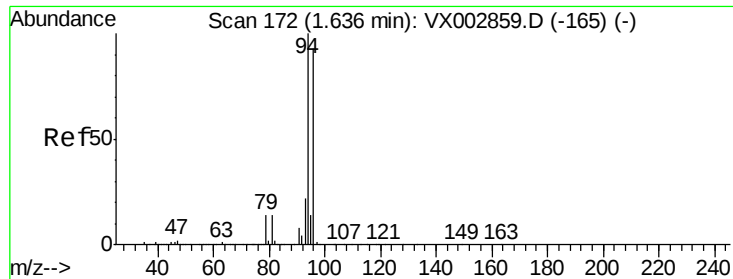
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 50.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

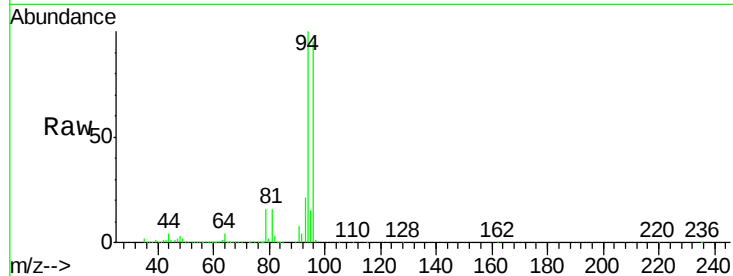
VSTDCCC050

Tot Ion: 94 Resp: 73383

Ion Ratio Lower Upper

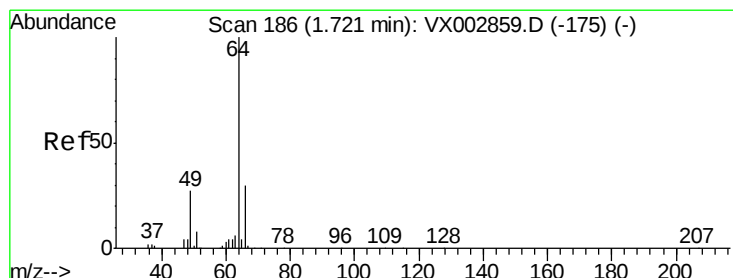
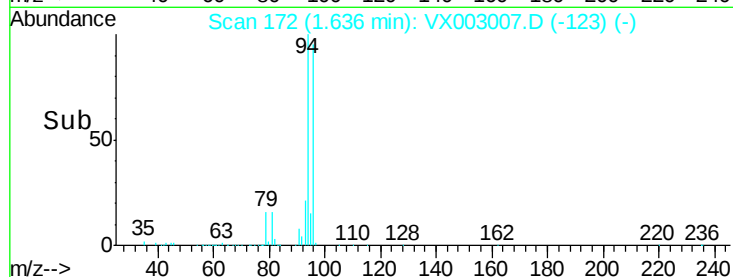
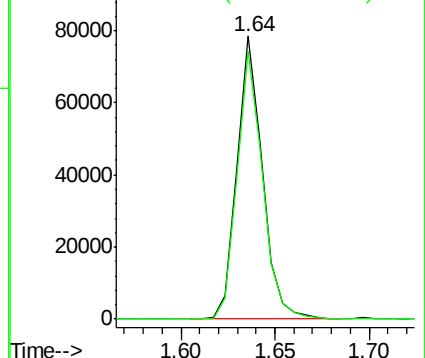
94 100

96 94.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.84 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003007.D

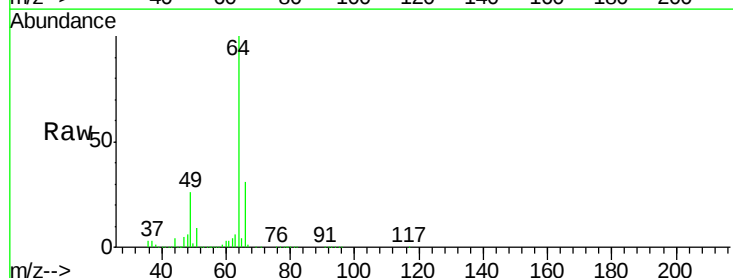
Acq: 29 Jun 2018 01:24

Tgt Ion: 64 Resp: 102569

Ion Ratio Lower Upper

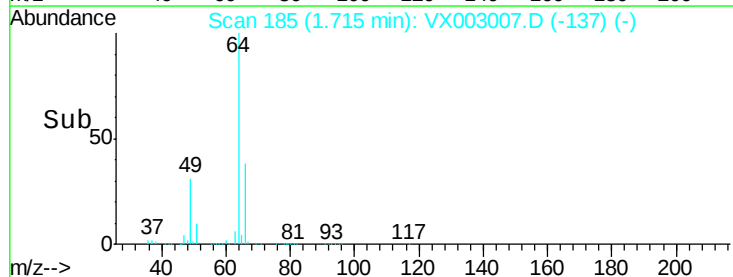
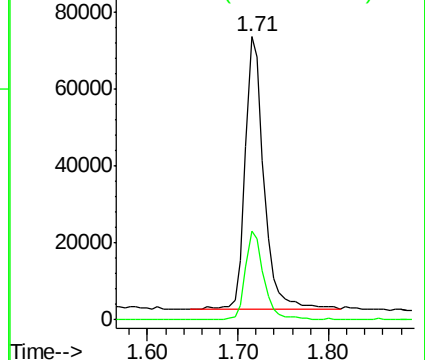
64 100

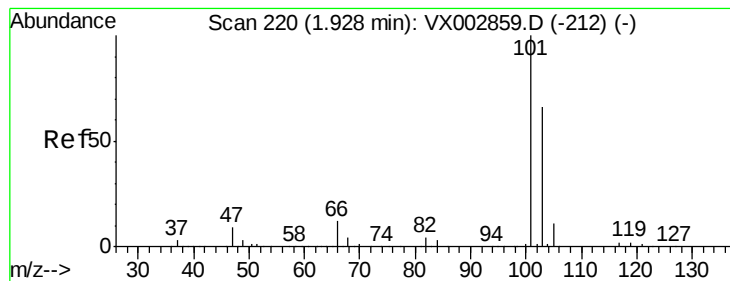
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 48.79 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

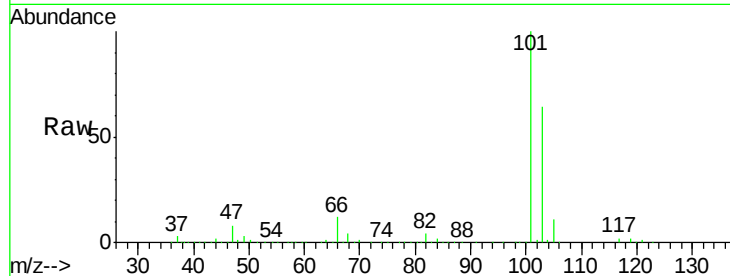
VSTDCCC050

Tot Ion:101 Resp: 254436

Ion Ratio Lower Upper

101 100

103 64.5 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

200000

150000

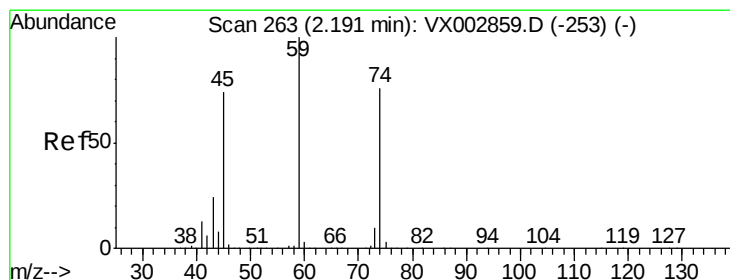
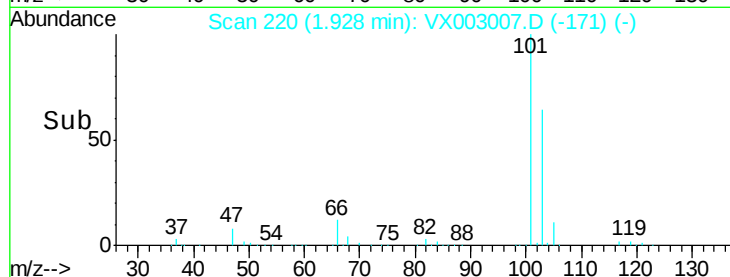
100000

50000

0

1.90 1.93 2.00

Time-->



#8

Diethyl Ether

Concen: 48.90 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003007.D

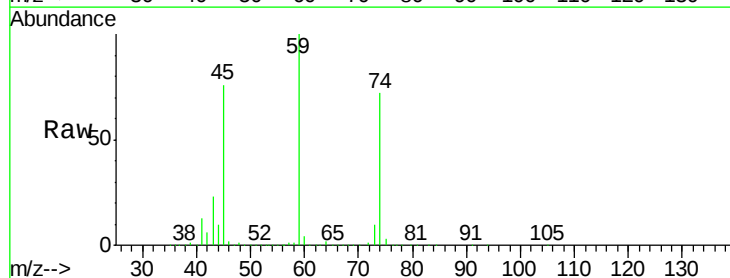
Acq: 29 Jun 2018 01:24

Tgt Ion: 74 Resp: 92703

Ion Ratio Lower Upper

74 100

45 103.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

60000

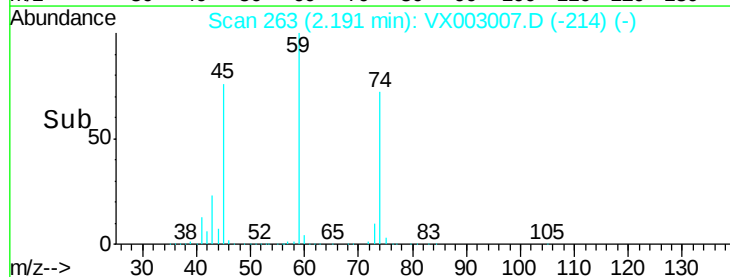
40000

20000

0

2.10 2.19 2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.15 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

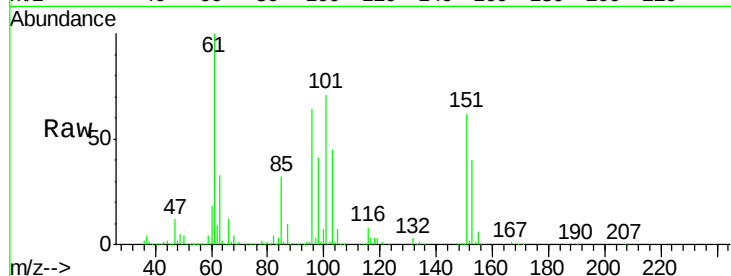
Tot Ion:101 Resp: 142487

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

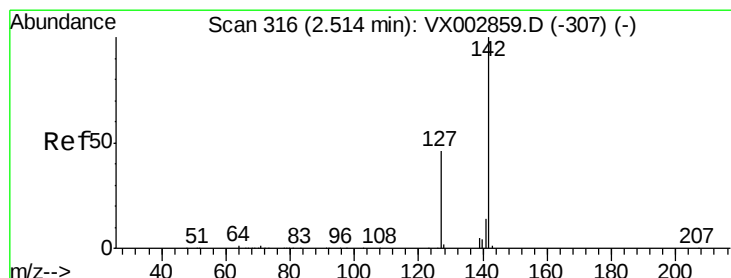
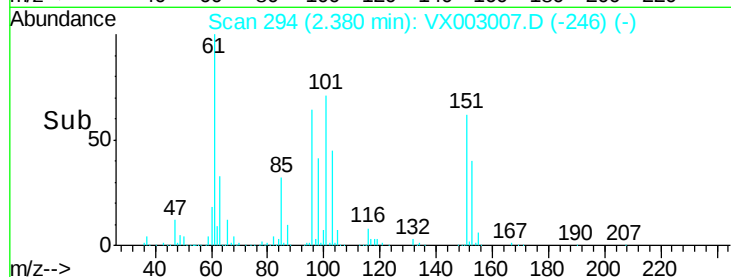
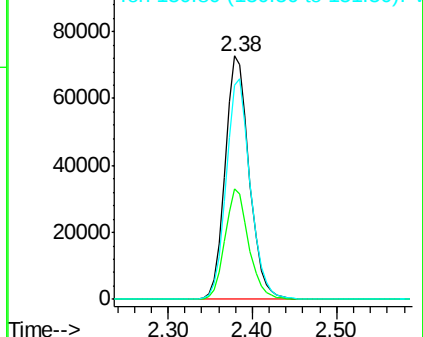
151 90.7 70.9 106.3



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: 39.75 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

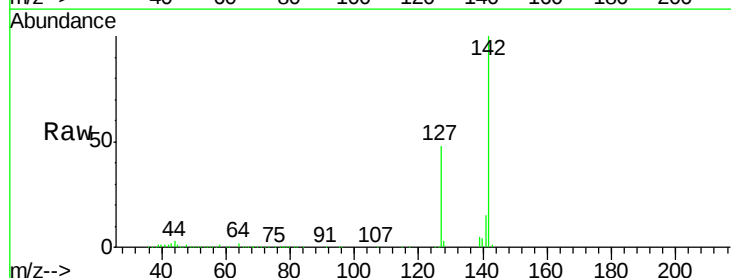
Tgt Ion:142 Resp: 117353

Ion Ratio Lower Upper

142 100

127 45.8 36.6 55.0

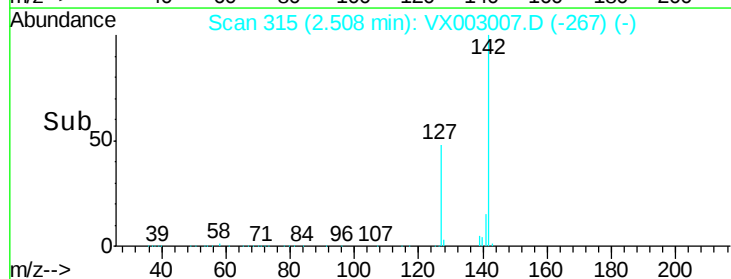
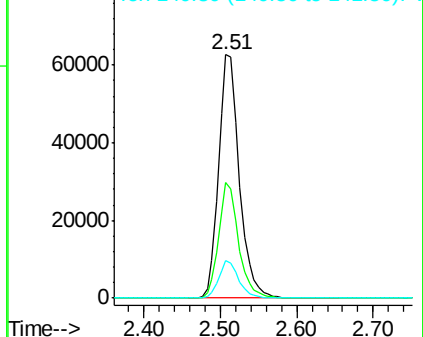
141 14.8 11.3 16.9

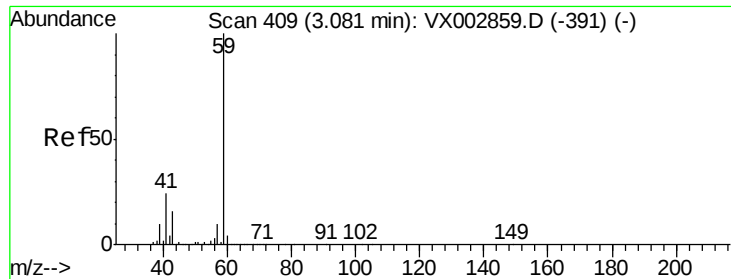


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



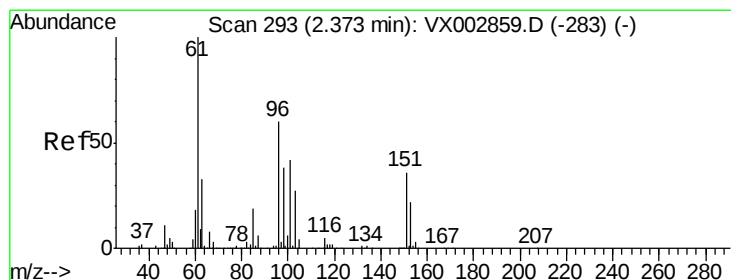
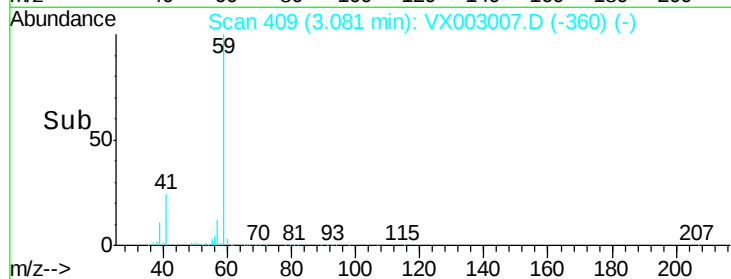
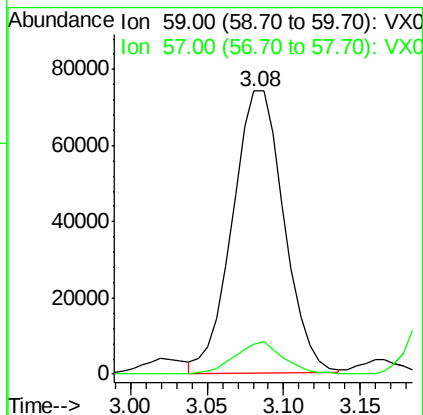
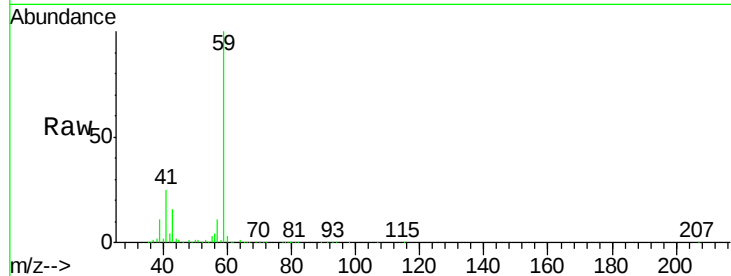


#11

Tert butyl alcohol
 Concen: 230.33 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

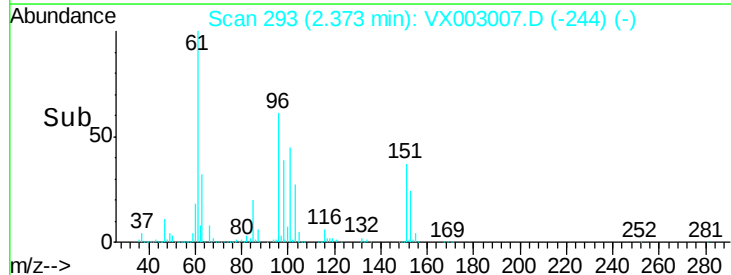
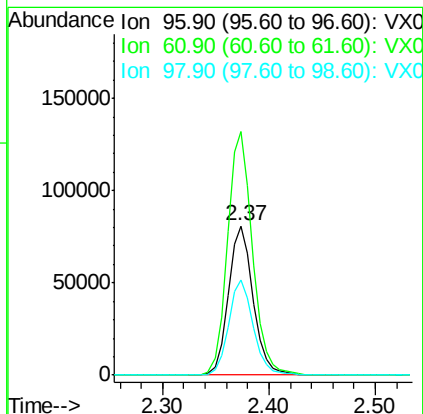
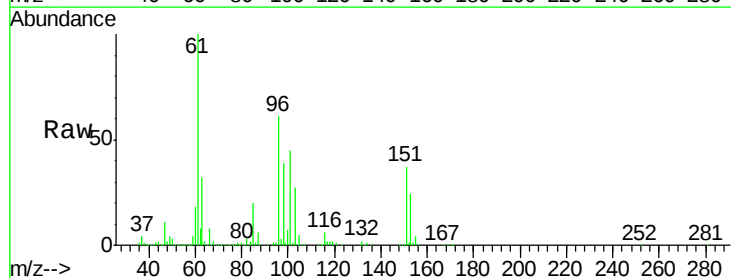
Tot Ion: 59 Resp: 173374
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 48.90 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion: 96 Resp: 131839
 Ion Ratio Lower Upper
 96 100
 61 162.8 137.9 206.9
 98 64.0 51.6 77.4





#13

Acrolein

Concen: 195.51 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

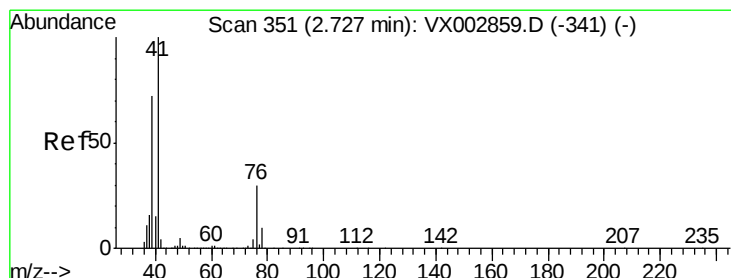
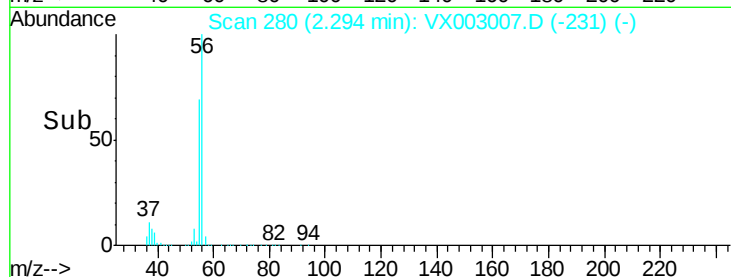
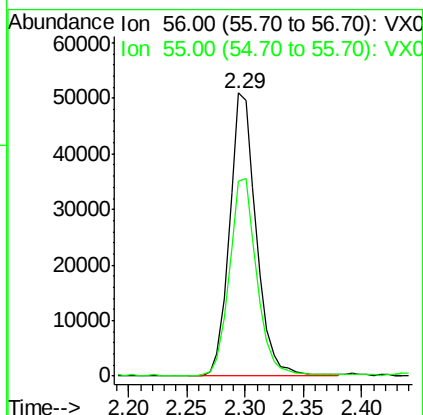
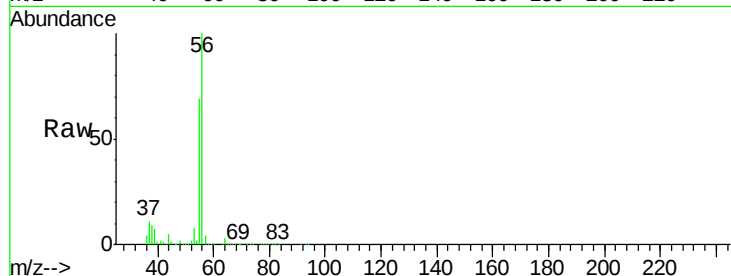
VSTDCCC050

Tot Ion: 56 Resp: 81194

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 47.87 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

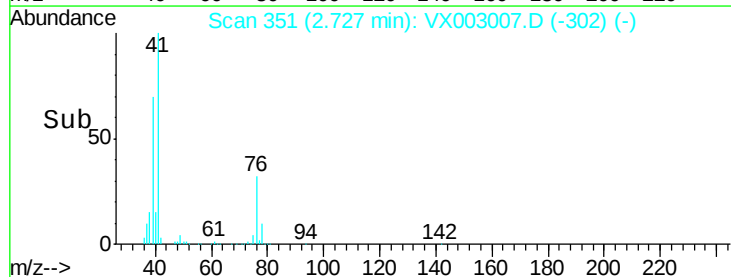
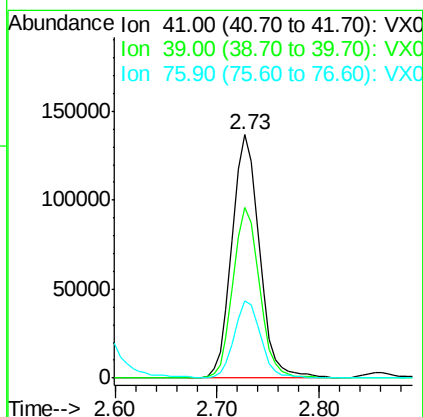
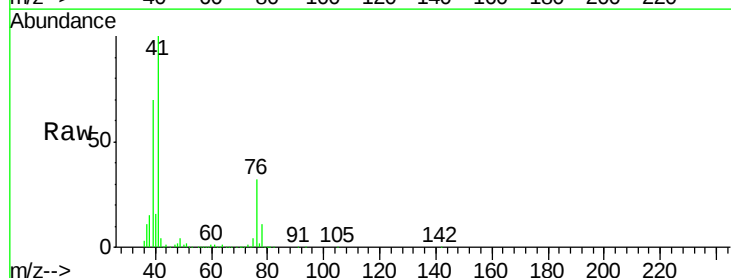
Tgt Ion: 41 Resp: 254395

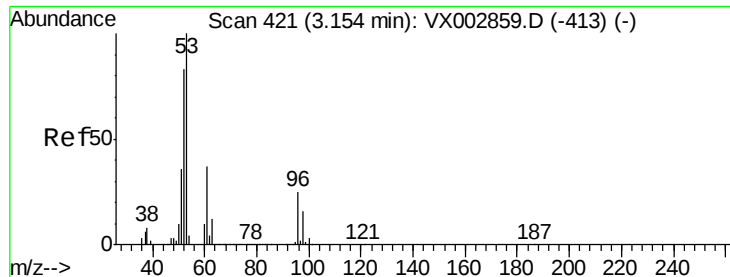
Ion Ratio Lower Upper

41 100

39 67.9 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 244.95 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

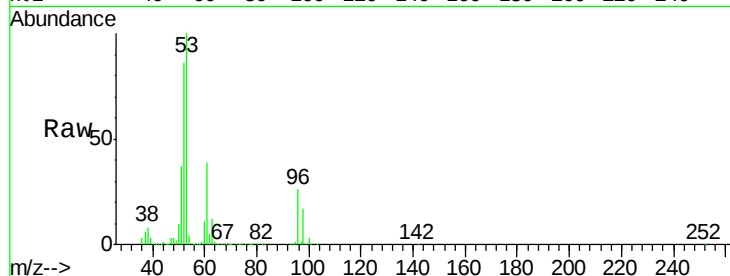
Tot Ion: 53 Resp: 393821

Ion Ratio Lower Upper

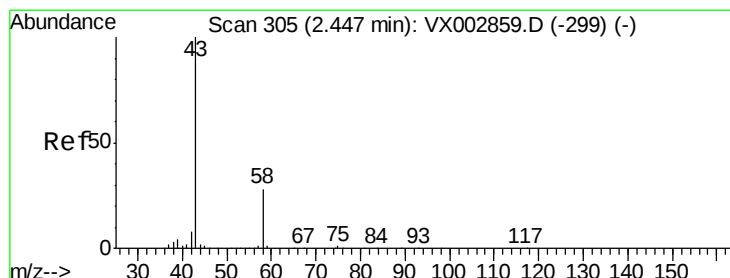
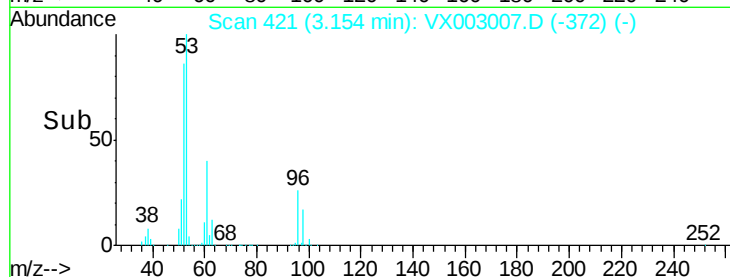
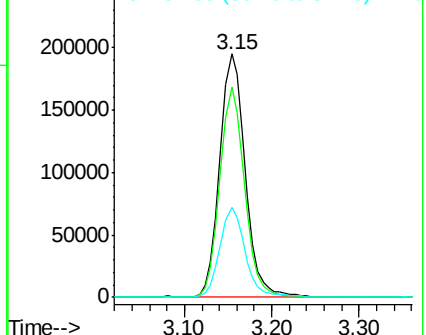
53 100

52 84.2 66.7 100.1

51 36.8 29.9 44.9



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



#16

Acetone

Concen: 232.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003007.D

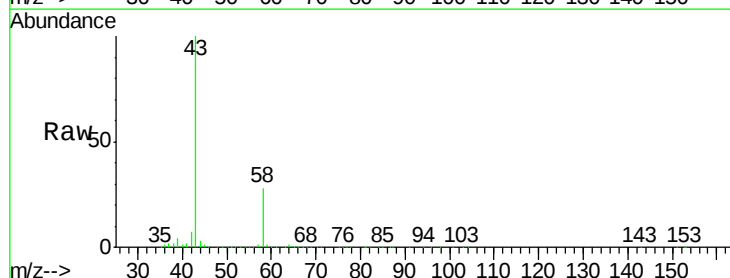
Acq: 29 Jun 2018 01:24

Tgt Ion: 43 Resp: 363654

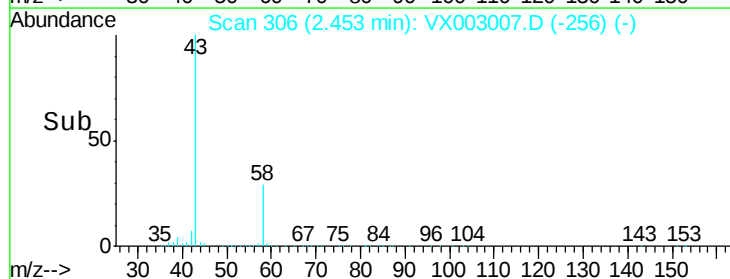
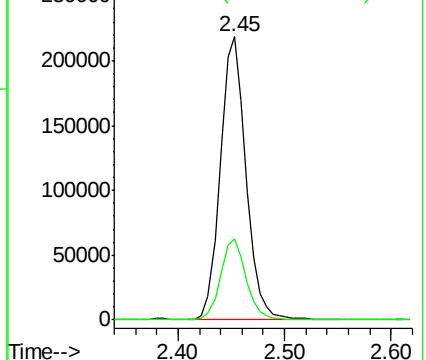
Ion Ratio Lower Upper

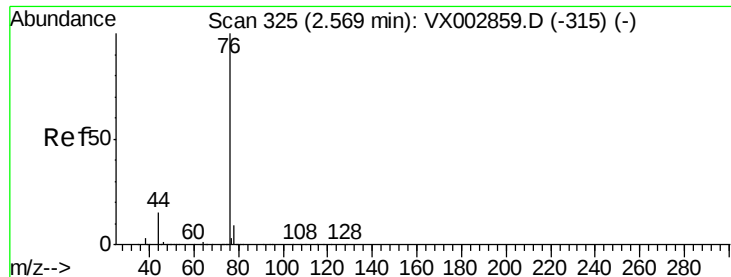
43 100

58 28.5 22.1 33.1



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

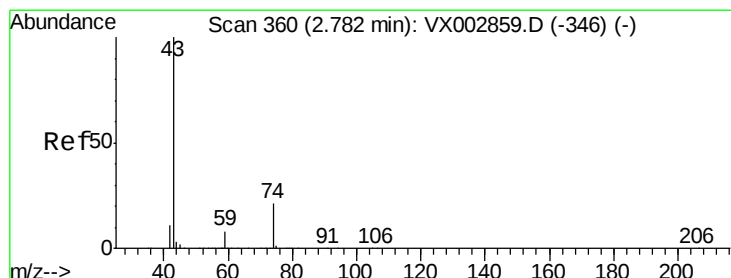
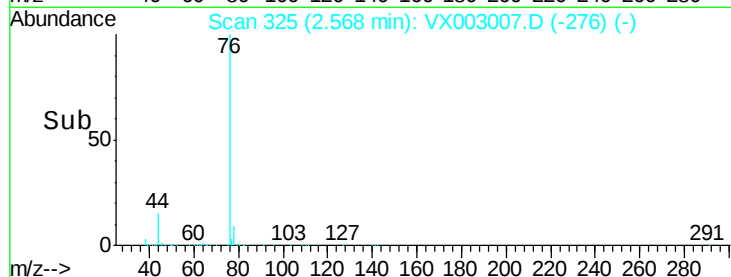
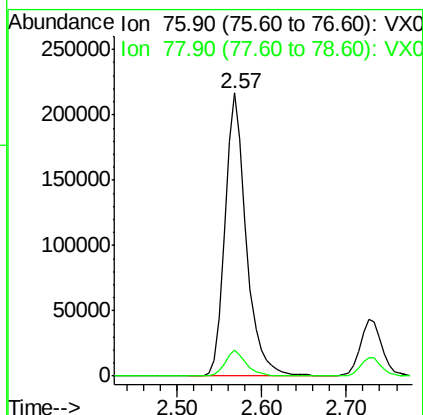
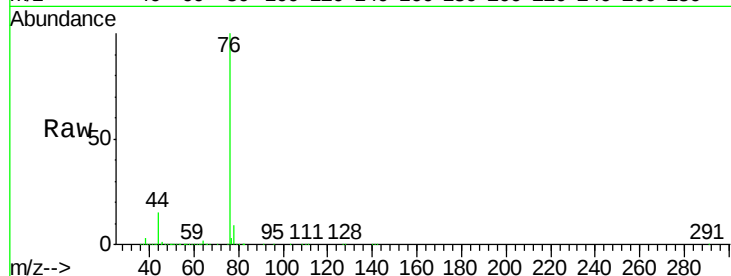




#17
Carbon Disulfide
Concen: 52.20 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

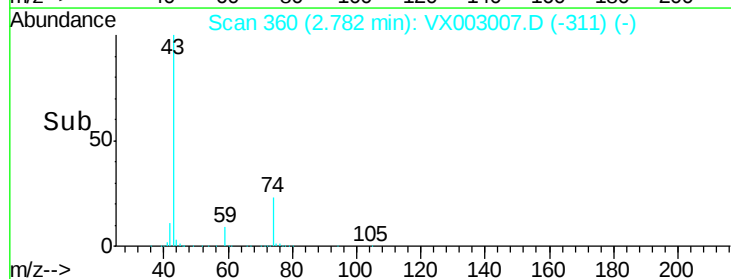
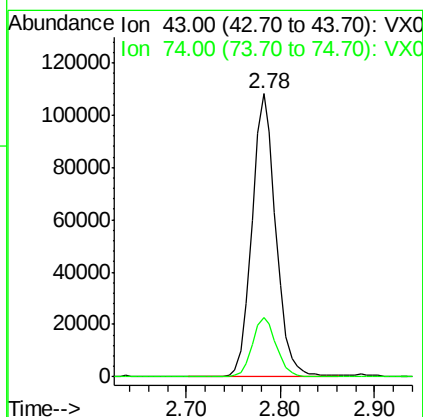
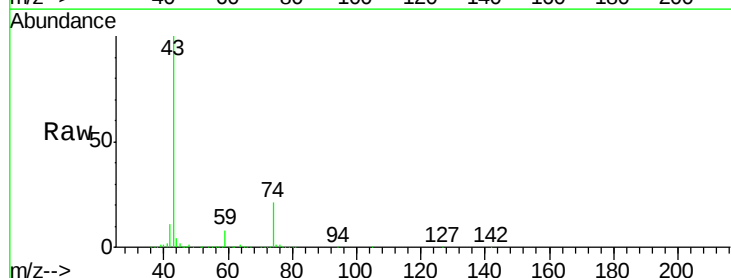
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

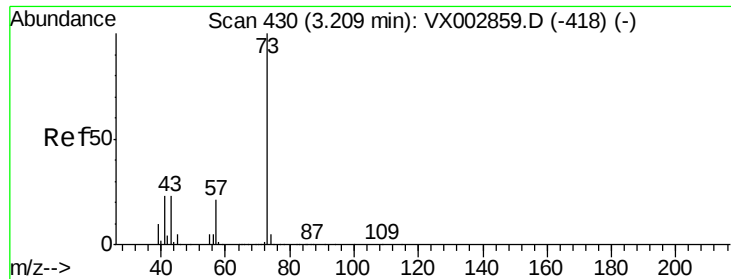
Tot Ion: 76 Resp: 375002
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 43.88 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 43 Resp: 191965
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1

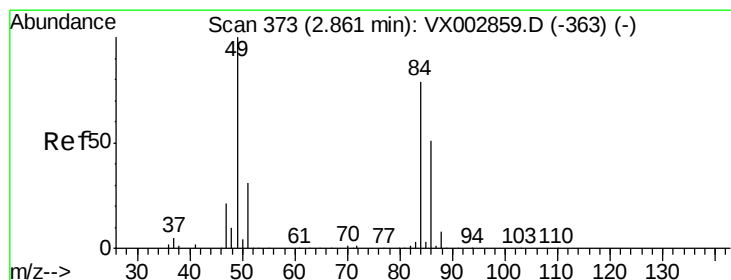
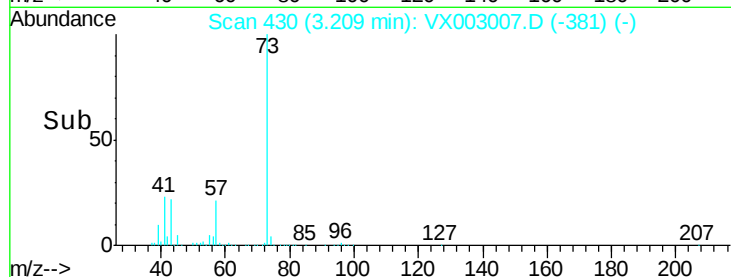
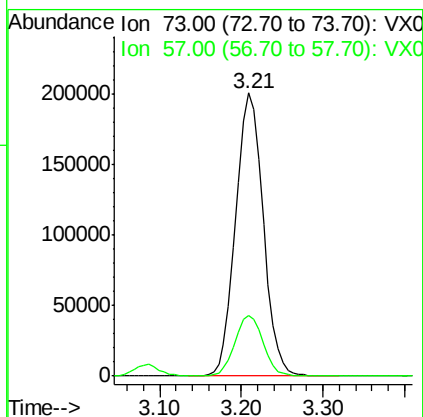
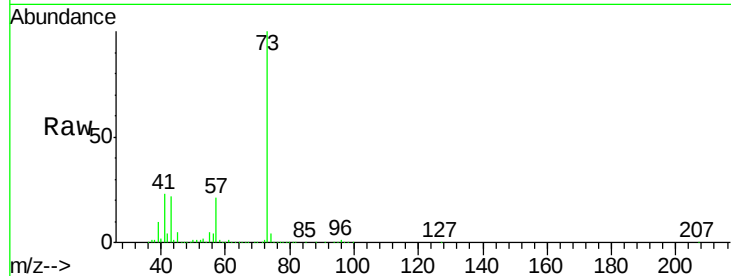




#19
Methyl tert-butyl Ether
Concen: 48.52 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

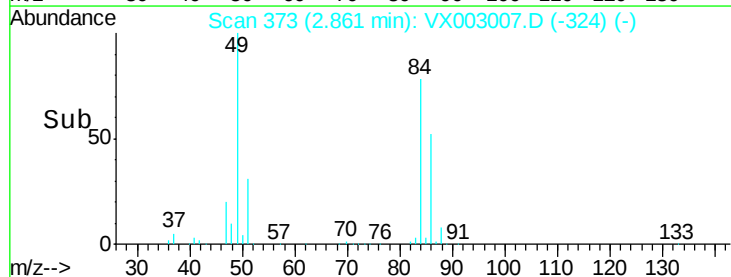
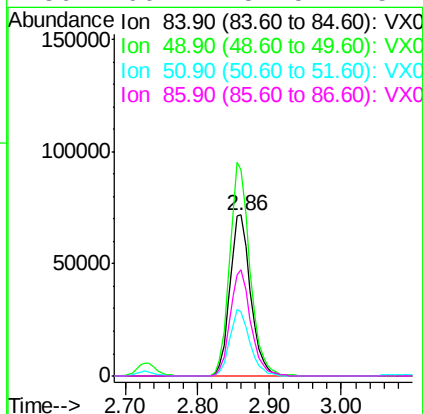
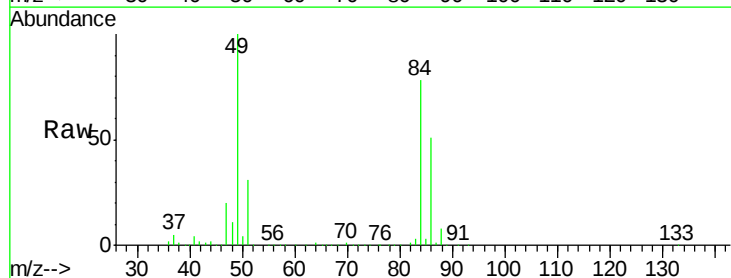
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 470263
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5



#20
Methylene Chloride
Concen: 47.53 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 84 Resp: 144741
Ion Ratio Lower Upper
84 100
49 128.2 107.8 161.6
51 39.4 32.8 49.2
86 66.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.46 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

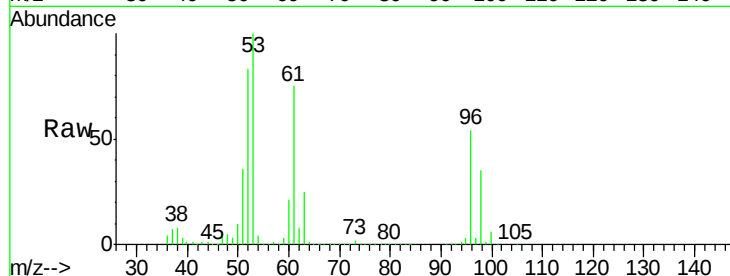
Tot Ion: 96 Resp: 139351

Ion Ratio Lower Upper

96 100

61 140.0 117.0 175.4

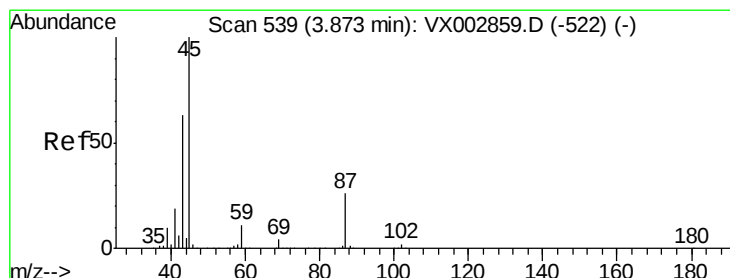
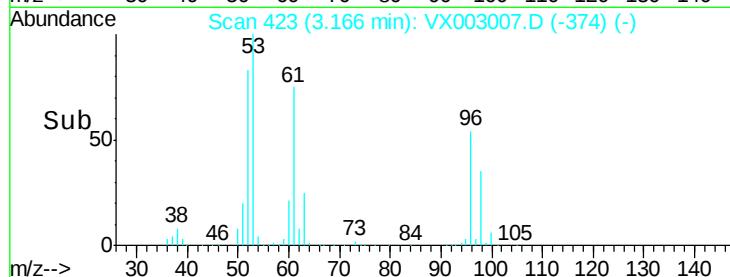
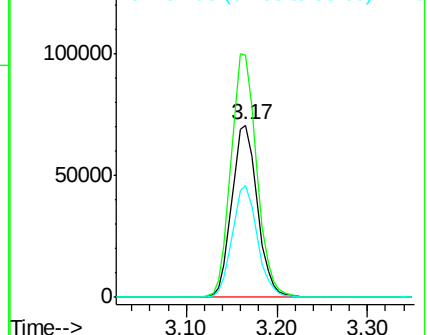
98 65.0 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.01 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion: 45 Resp: 508040

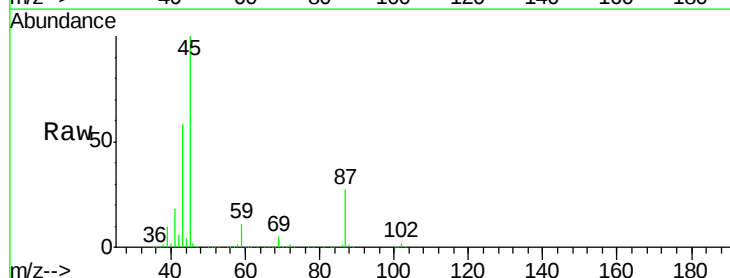
Ion Ratio Lower Upper

45 100

43 58.0 46.8 70.2

87 26.7 20.2 30.4

59 11.2 8.7 13.1

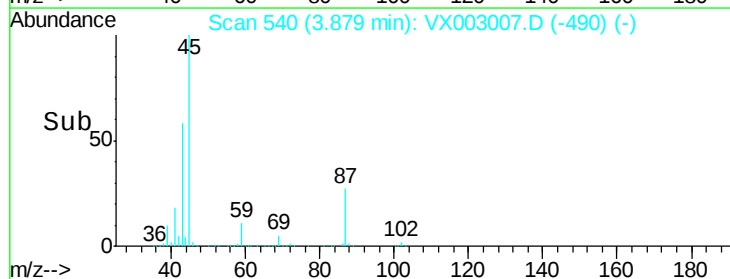
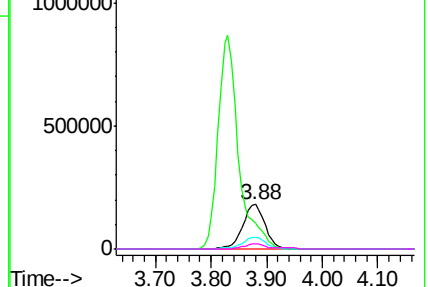


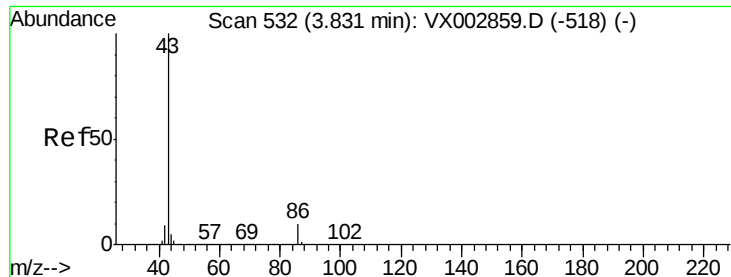
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.39 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

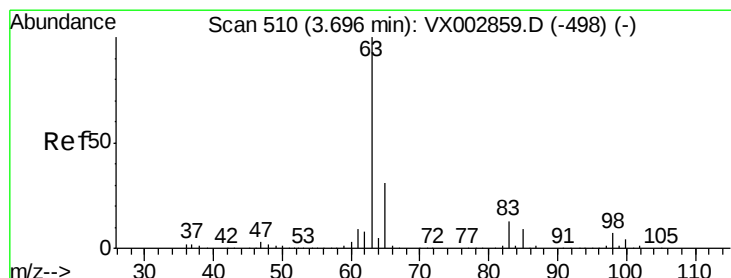
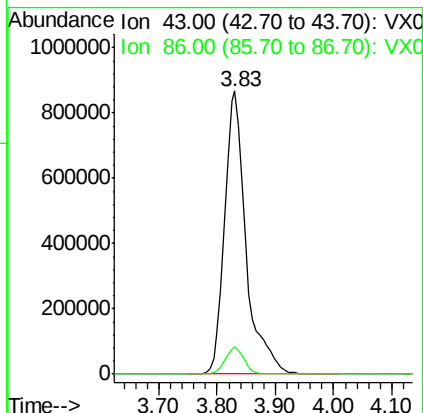
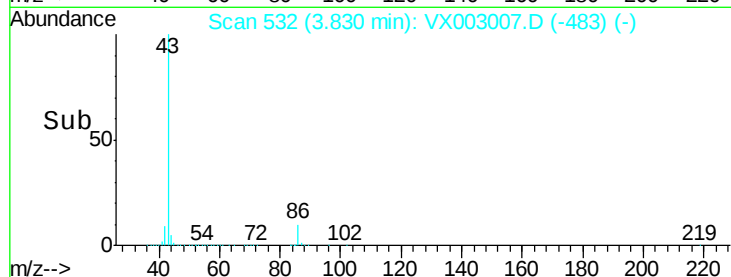
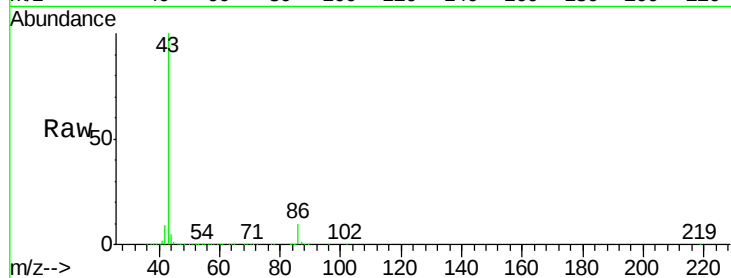
VSTDCCC050

Tot Ion: 43 Resp: 2222727

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 50.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

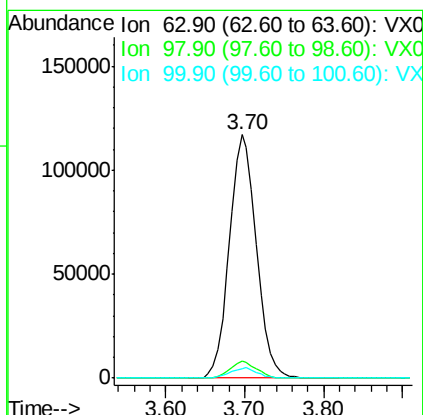
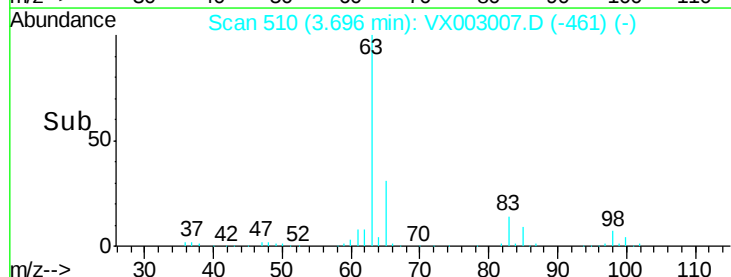
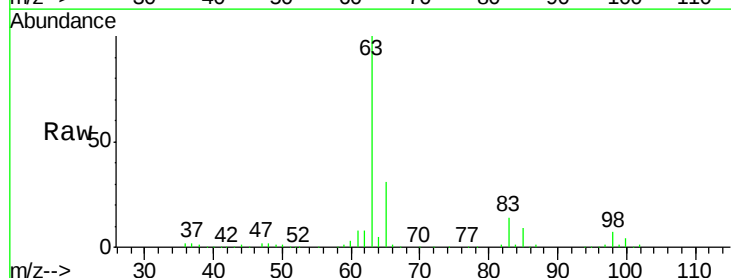
Tgt Ion: 63 Resp: 278100

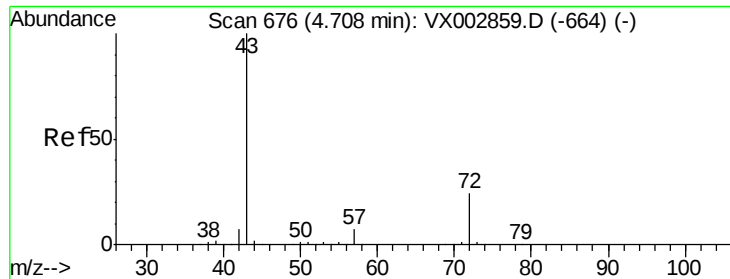
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 253.85 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

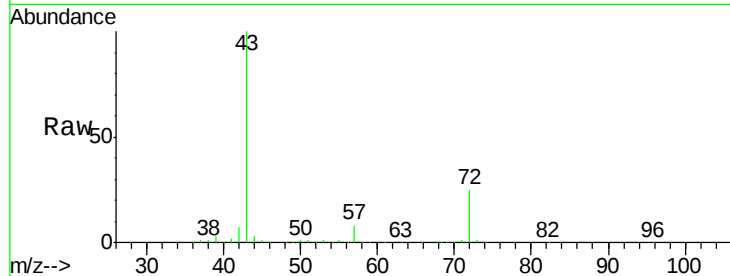
VSTDCCC050

Tot Ion: 43 Resp: 589507

Ion Ratio Lower Upper

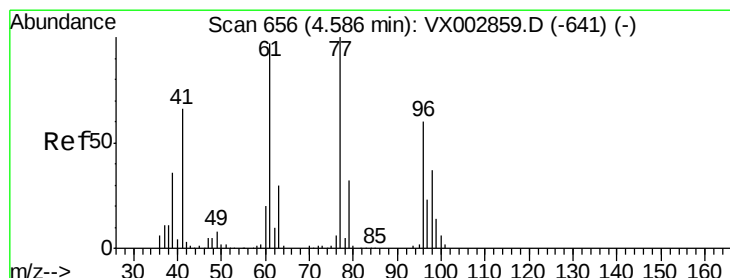
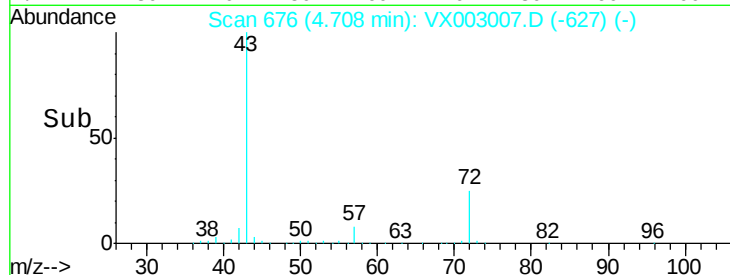
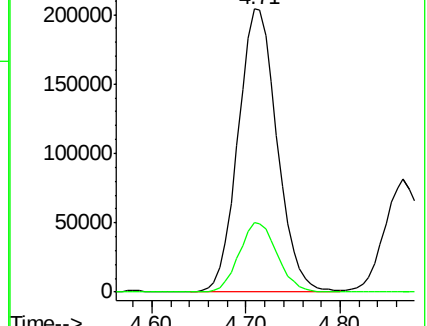
43 100

72 24.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.77 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003007.D

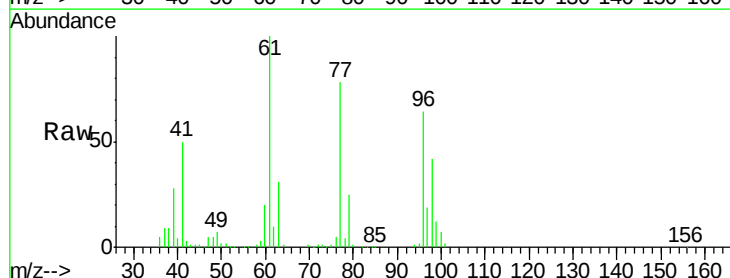
Acq: 29 Jun 2018 01:24

Tgt Ion: 77 Resp: 165066

Ion Ratio Lower Upper

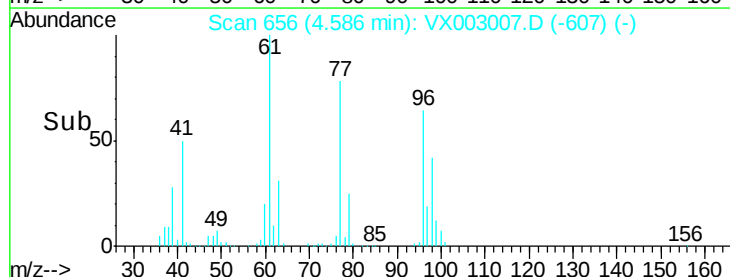
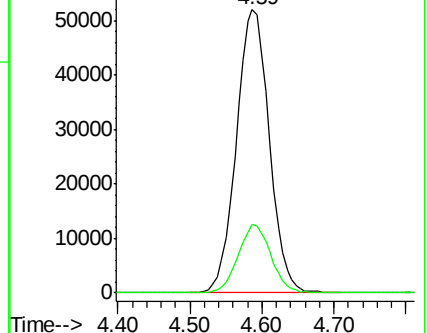
77 100

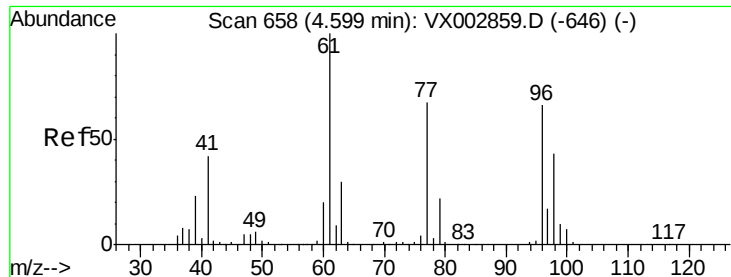
97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 50.01 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

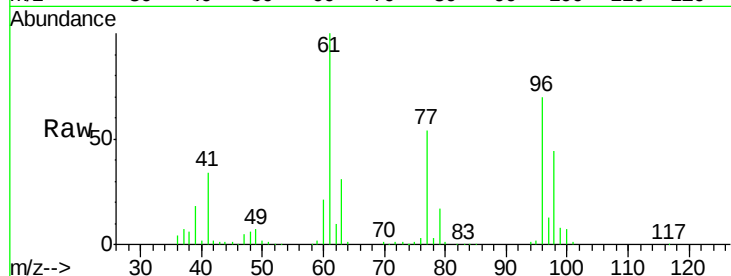
Tot Ion: 96 Resp: 164655

Ion Ratio Lower Upper

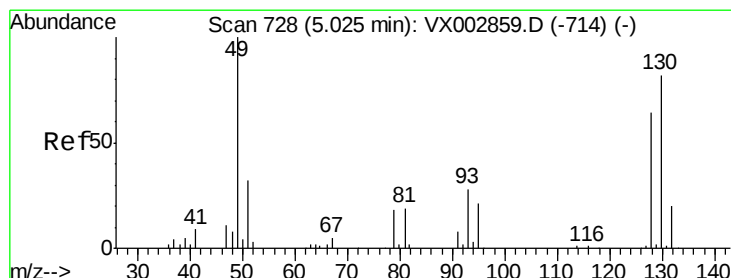
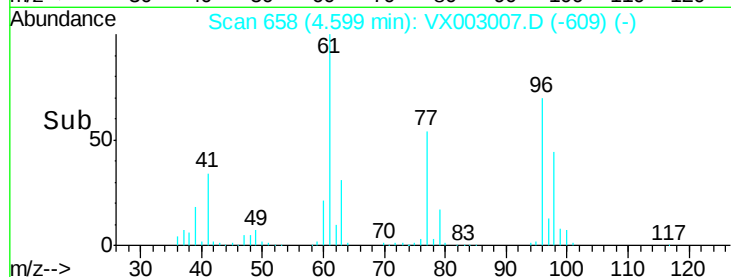
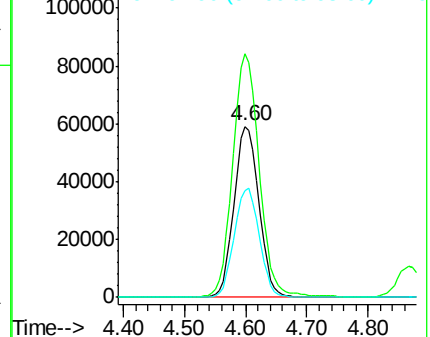
96 100

61 152.5 0.0 330.2

98 64.6 0.0 130.2



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



#28

Bromochloromethane

Concen: 49.58 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

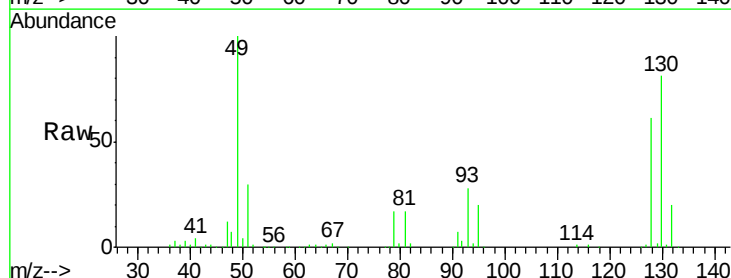
Tgt Ion: 49 Resp: 131027

Ion Ratio Lower Upper

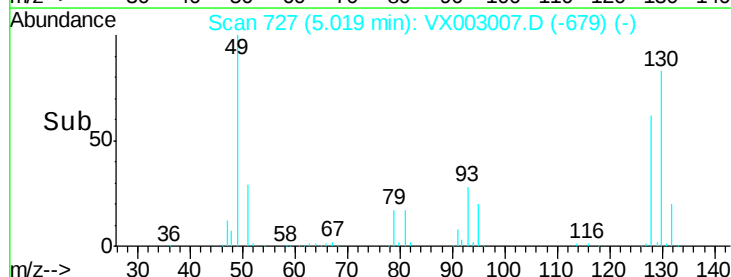
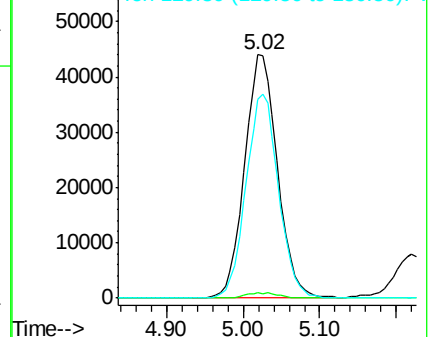
49 100

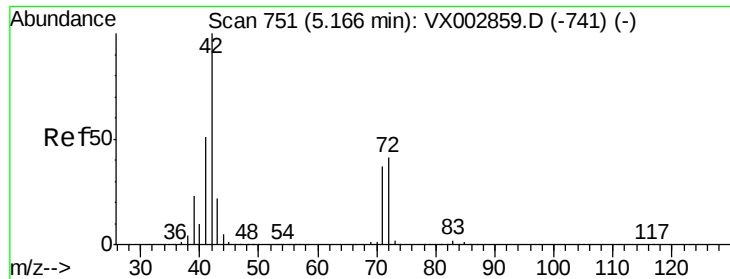
129 2.3 0.0 4.2

130 83.1 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

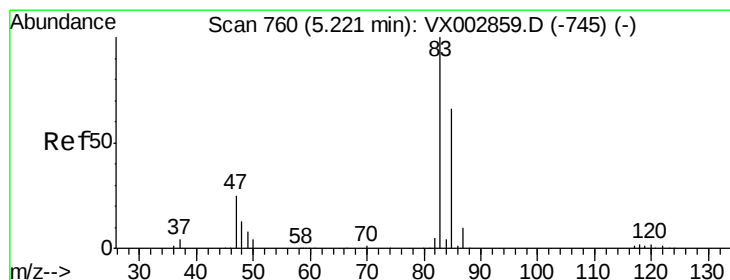
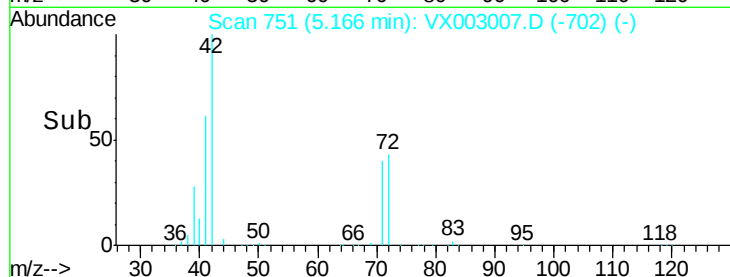
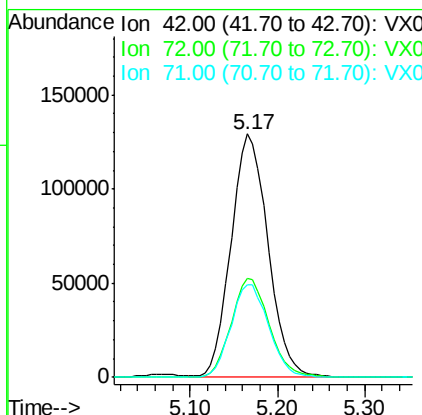
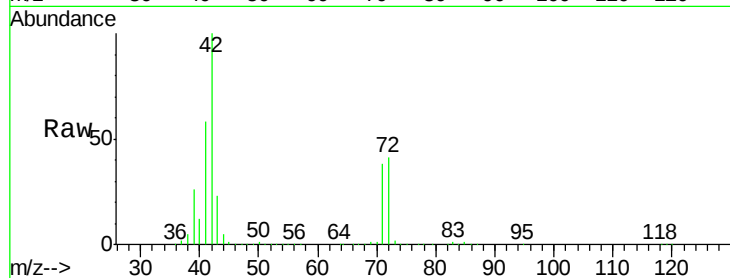




#29
Tetrahydrofuran
Concen: 254.06 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

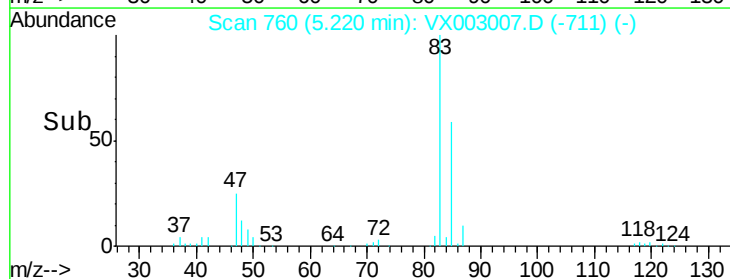
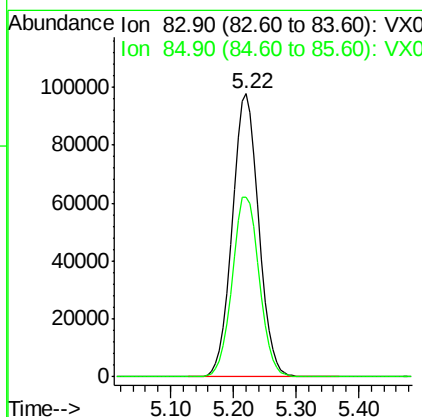
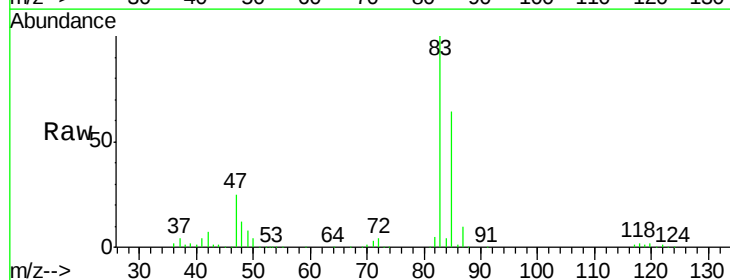
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

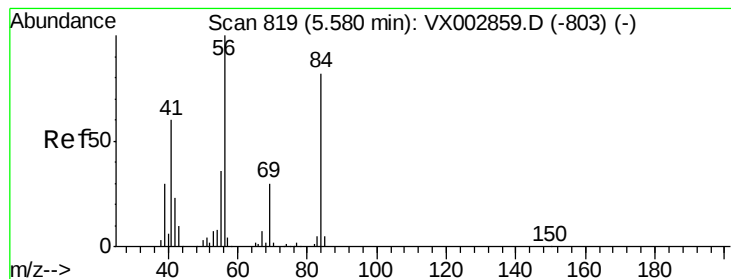
Tot Ion: 42 Resp: 378351
Ion Ratio Lower Upper
42 100
72 41.9 32.0 48.0
71 39.4 30.1 45.1



#30
Chloroform
Concen: 50.32 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 83 Resp: 285110
Ion Ratio Lower Upper
83 100
85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 49.30 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

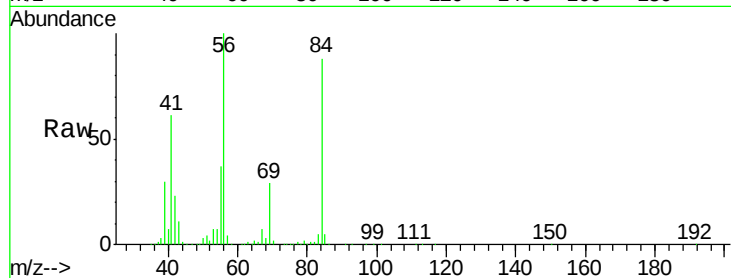
Tot Ion: 56 Resp: 233598

Ion Ratio Lower Upper

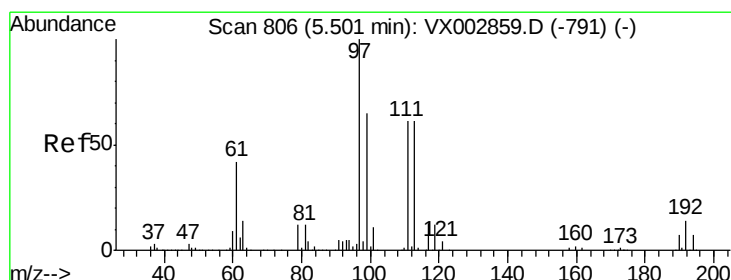
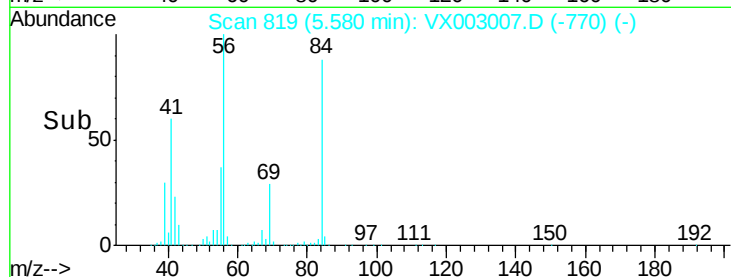
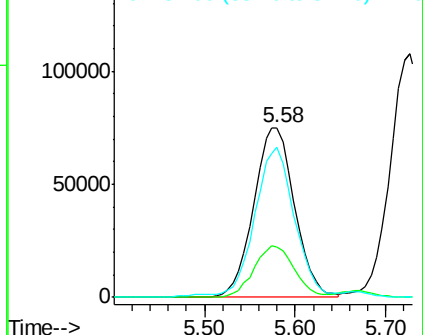
56 100

69 29.3 23.7 35.5

84 86.8 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.86 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

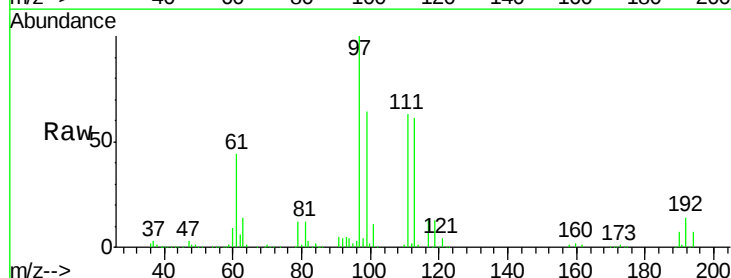
Tgt Ion: 97 Resp: 253571

Ion Ratio Lower Upper

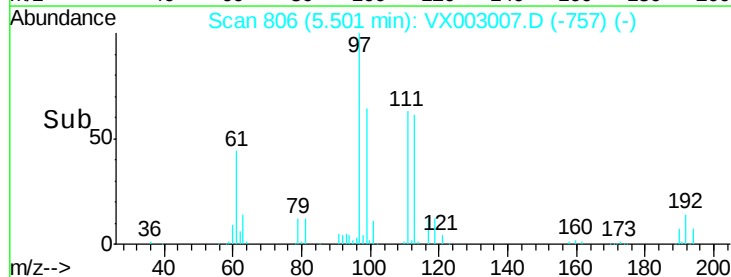
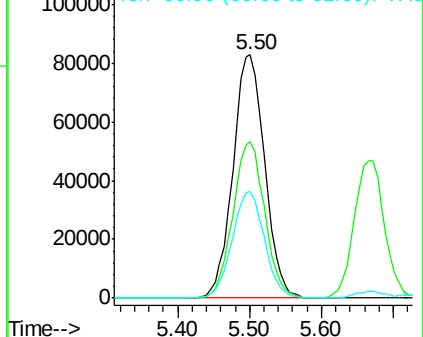
97 100

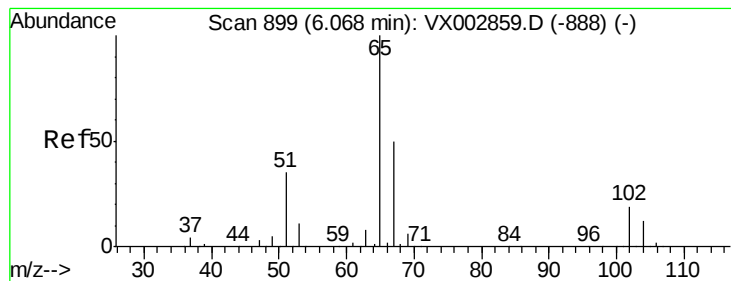
99 64.1 51.6 77.4

61 44.5 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.86 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

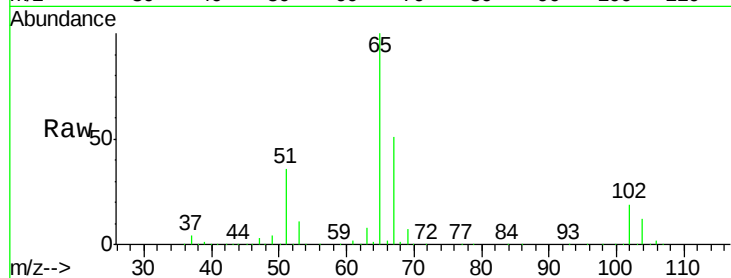
VSTDCCC050

Tot Ion: 65 Resp: 188414

Ion Ratio Lower Upper

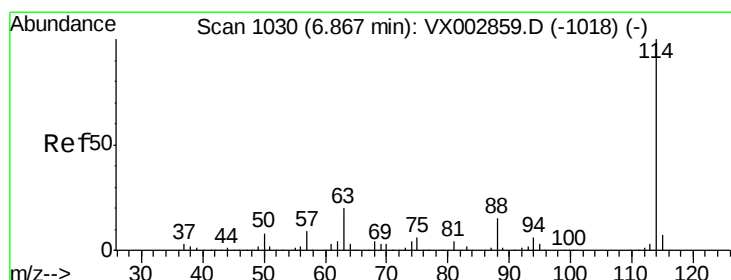
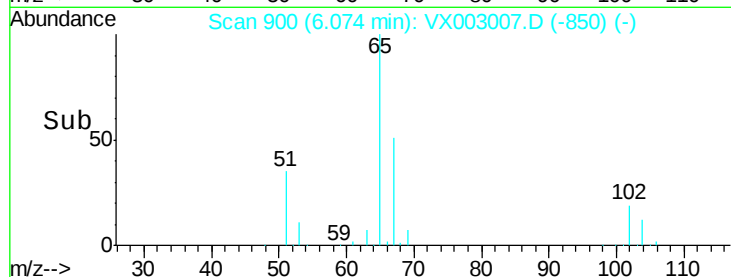
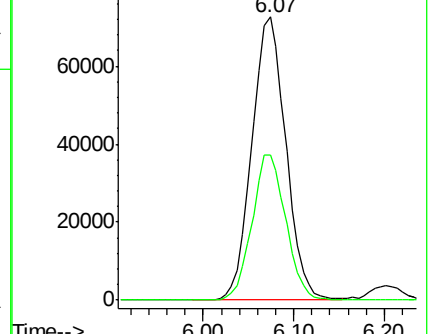
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

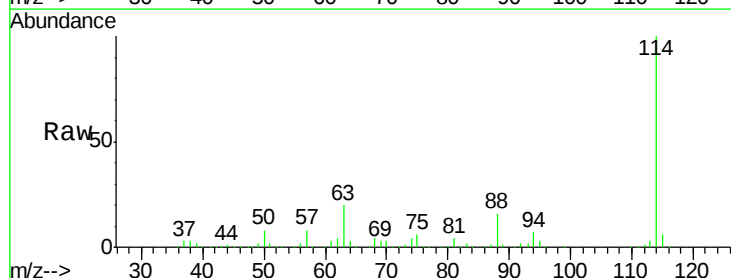
Tgt Ion: 114 Resp: 380516

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

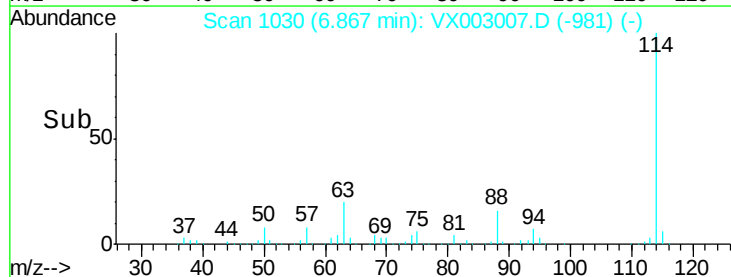
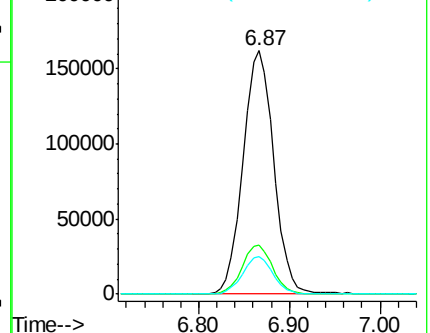
88 15.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

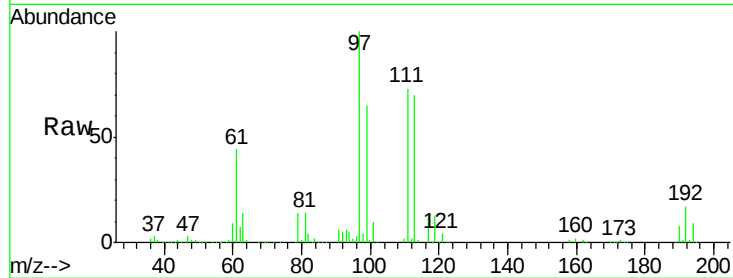
Tot Ion:113 Resp: 152506

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

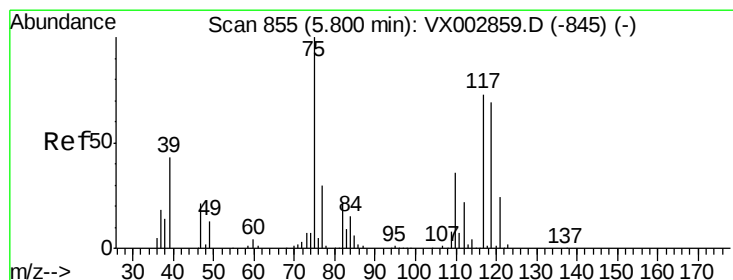
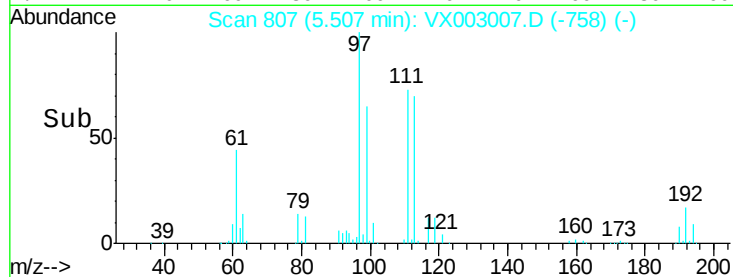
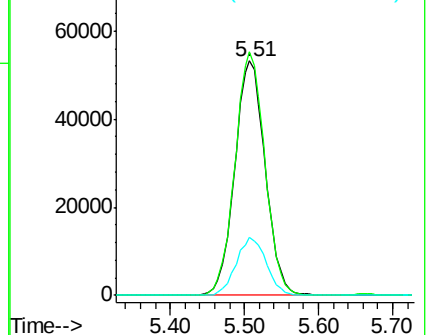
192 24.4 19.1 28.7



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: 49.47 ug/l

RT: 5.81 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

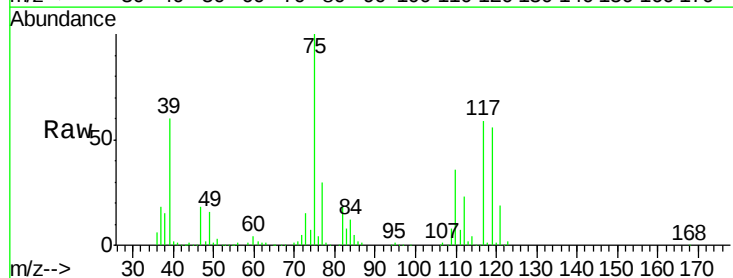
Tgt Ion: 75 Resp: 206412

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.4

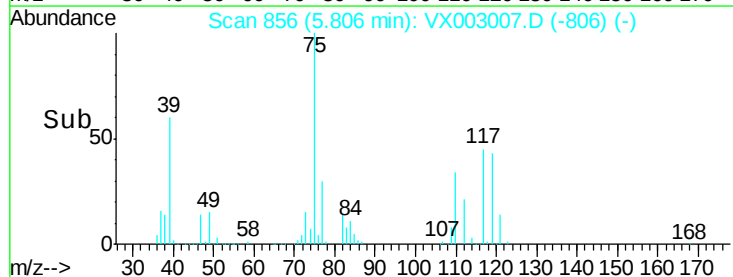
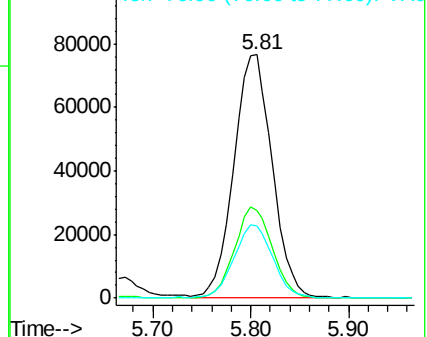
77 31.0 24.3 36.5

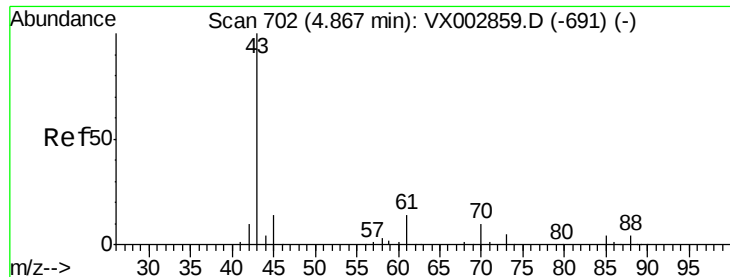


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

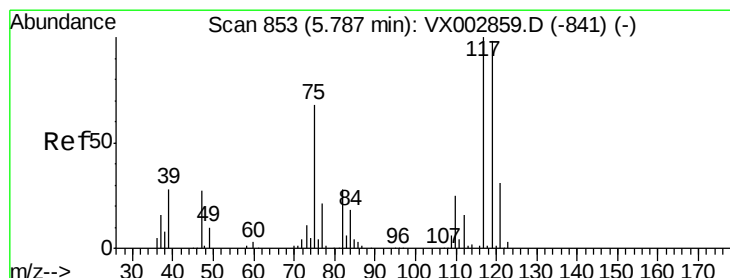
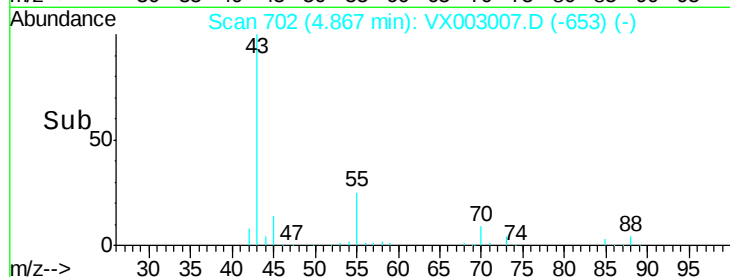
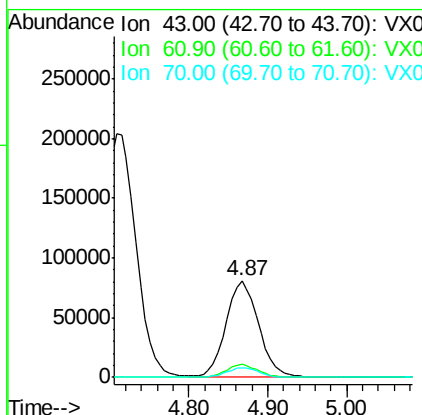
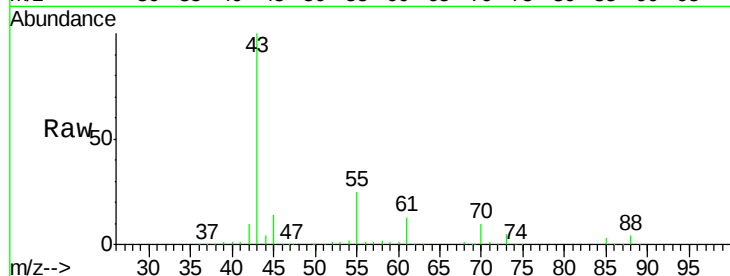




#37
Ethyl Acetate
Concen: 51.76 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

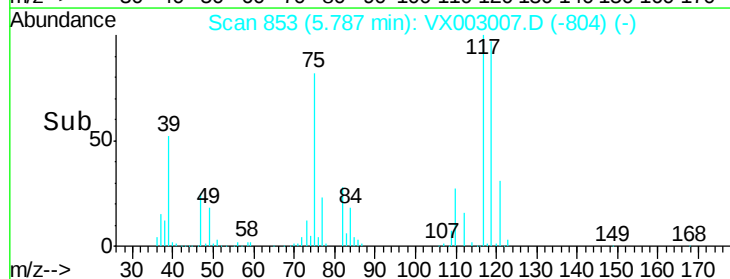
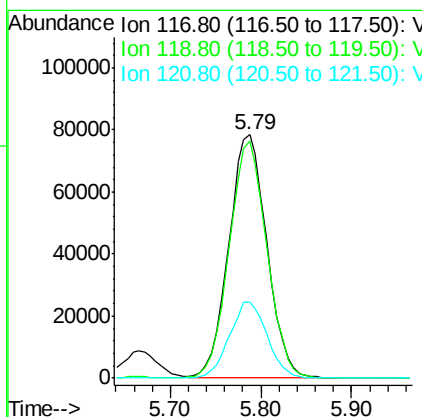
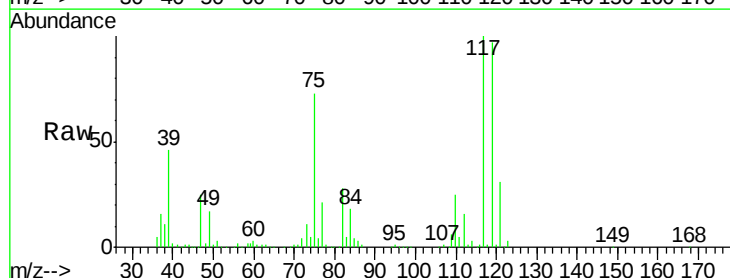
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

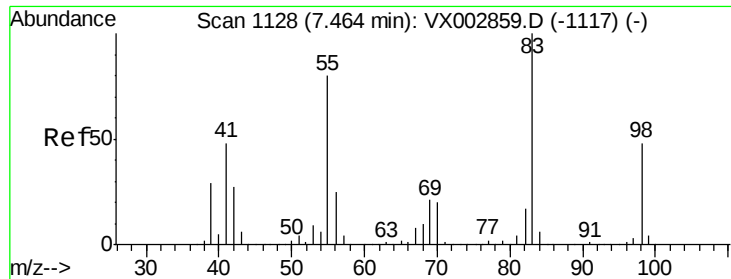
Tot Ion: 43 Resp: 232567
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.78 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 117 Resp: 227956
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 31.1 24.4 36.6

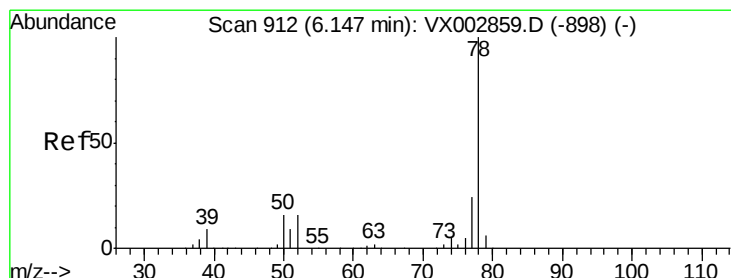
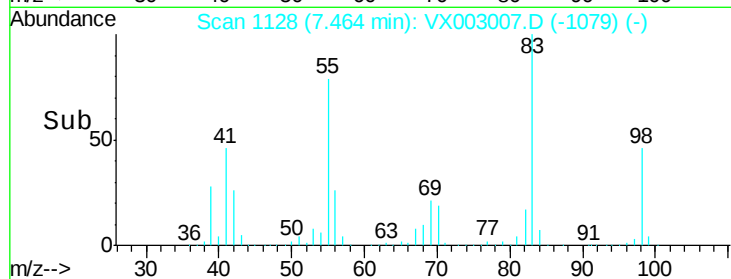
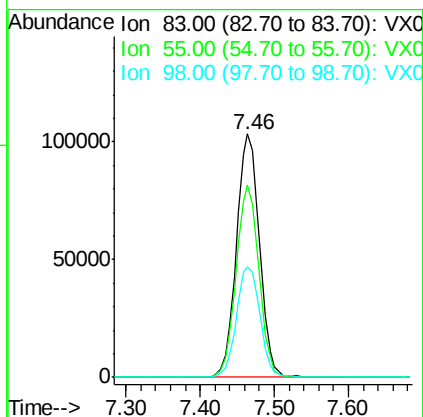
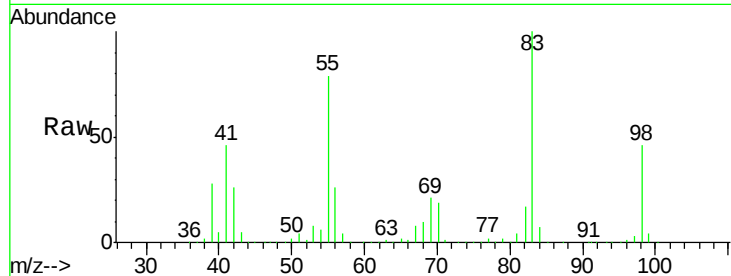




#39
Methvlcvclohexane
Concen: 46.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

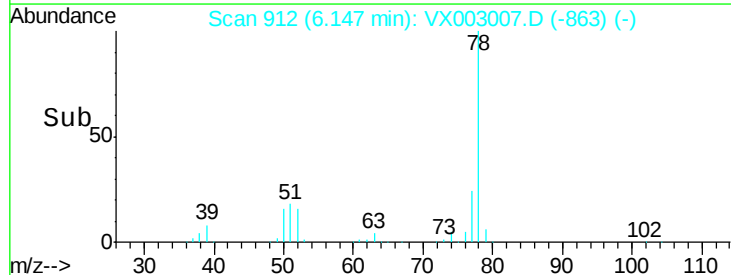
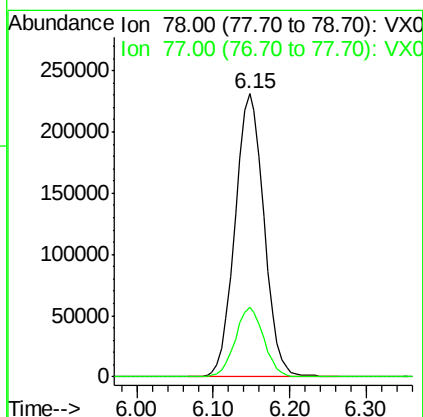
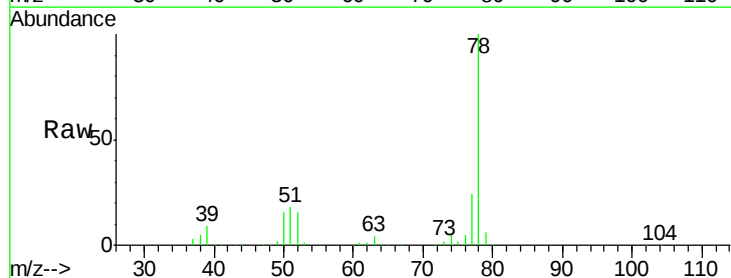
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

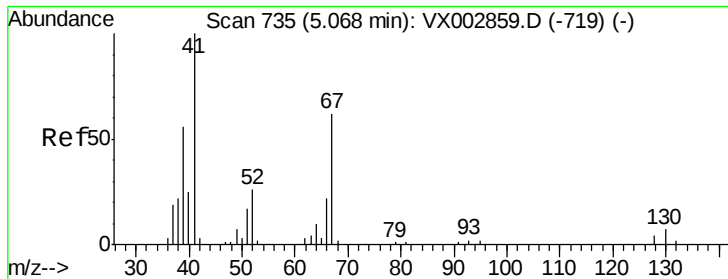
Tot Ion: 83 Resp: 224245
Ion Ratio Lower Upper
83 100
55 79.1 65.4 98.0
98 45.5 37.4 56.0



#40
Benzene
Concen: 50.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 78 Resp: 606306
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

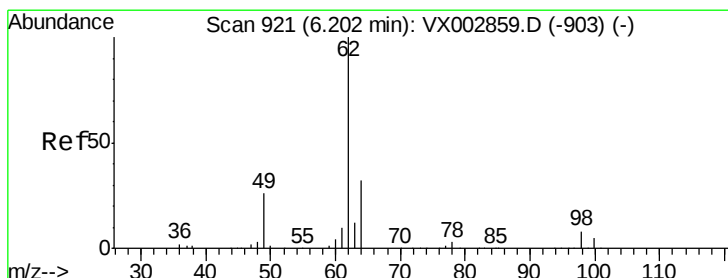
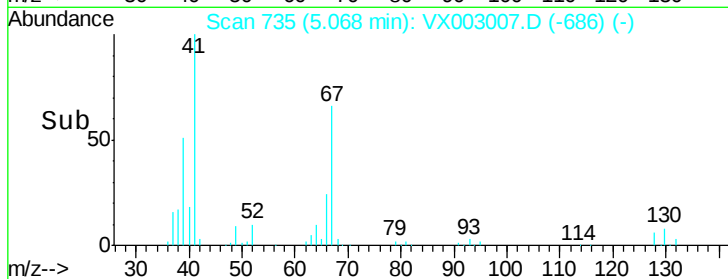
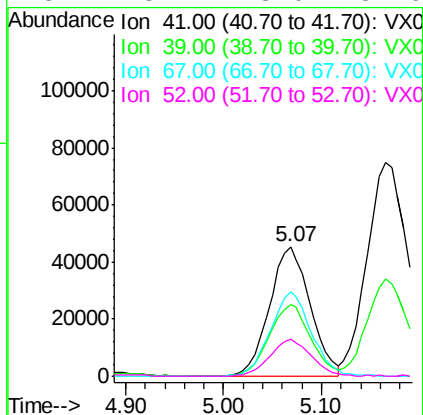
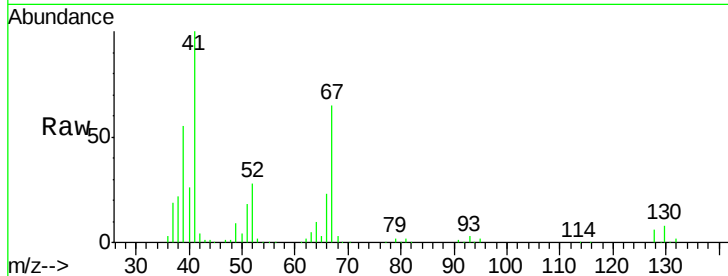




#41
Methacrylonitrile
Concen: 50.85 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

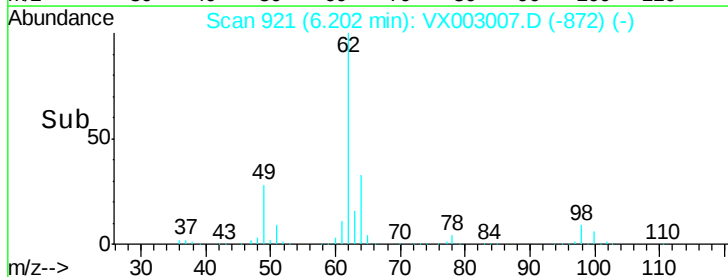
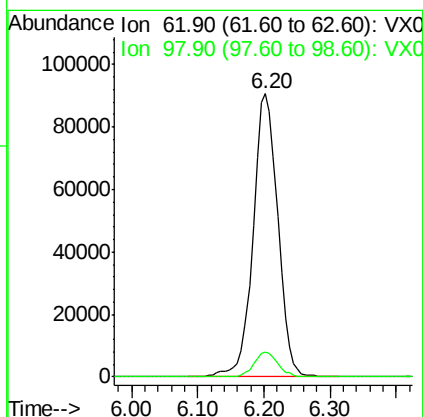
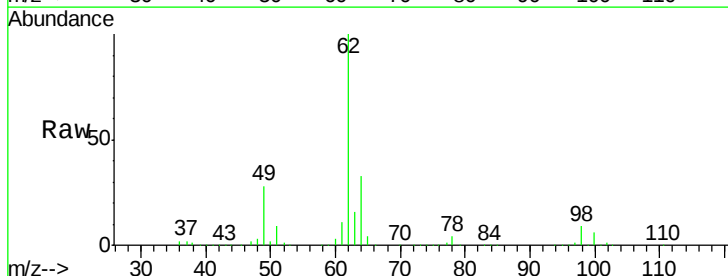
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

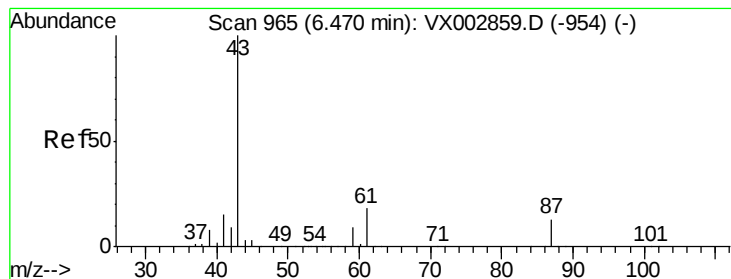
Tot Ion:	41	Resp:	131568
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.8	68.6
67	65.7	51.3	76.9
52	28.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.23 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion:	62	Resp:	236191
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 49.79 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

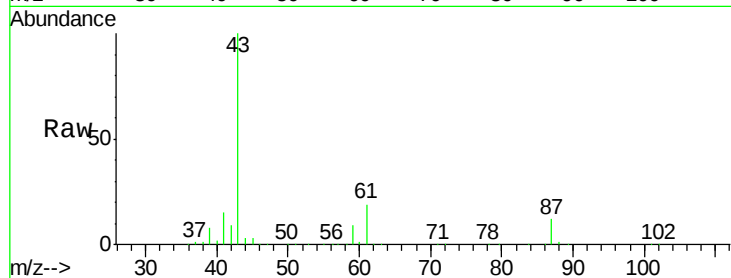
Tot Ion: 43 Resp: 375151

Ion Ratio Lower Upper

43 100

61 18.7 14.4 21.6

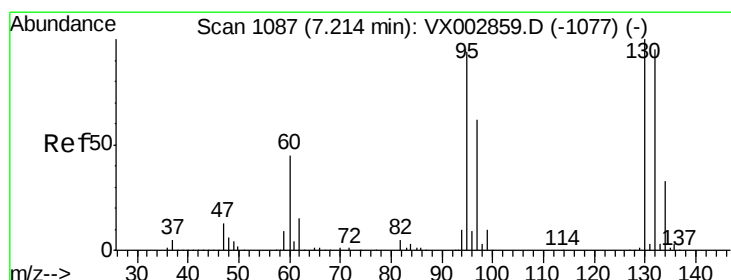
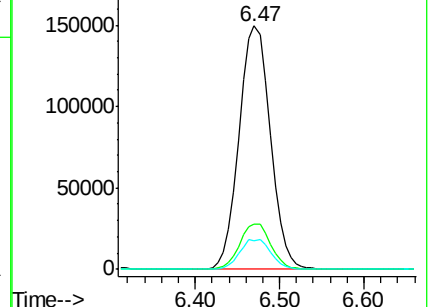
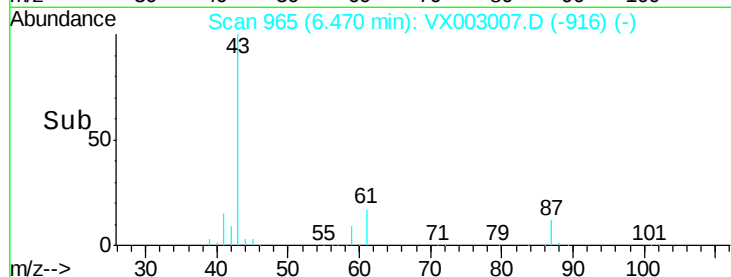
87 12.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX002859.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX002859.D (-954) (-)



#44

Trichloroethene

Concen: 49.43 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003007.D

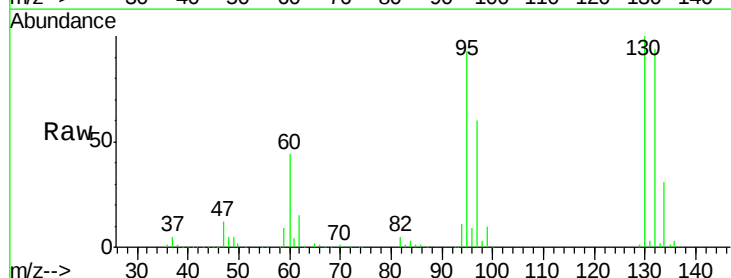
Acq: 29 Jun 2018 01:24

Tgt Ion:130 Resp: 178668

Ion Ratio Lower Upper

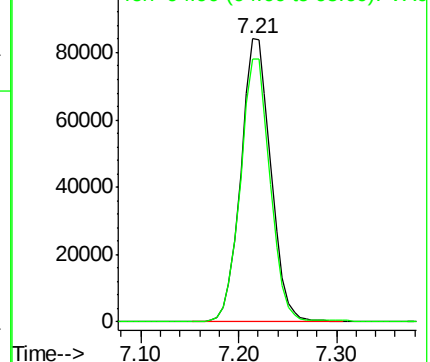
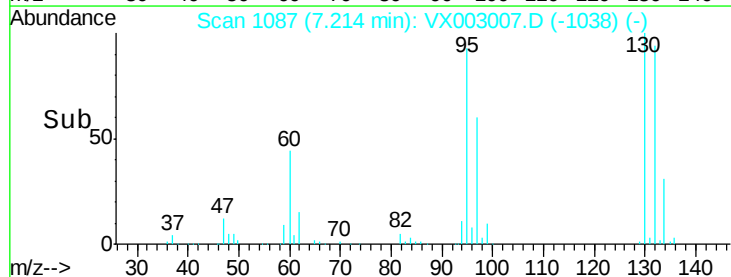
130 100

95 92.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002859.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002859.D (-1077) (-)

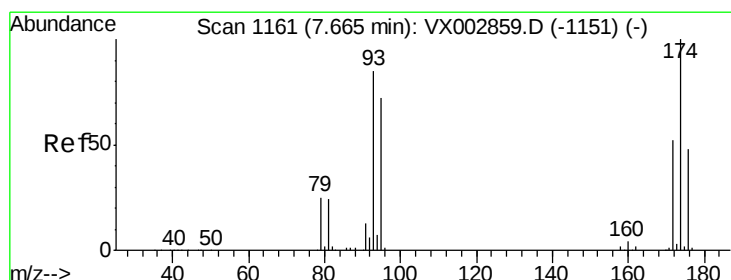
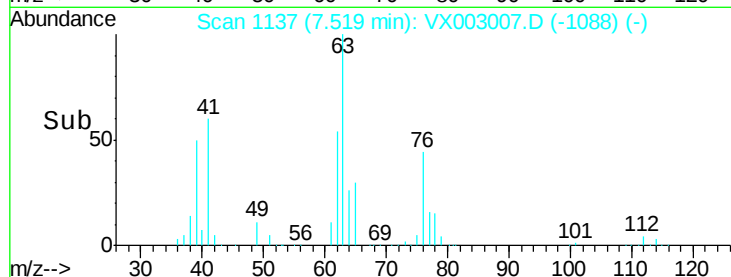
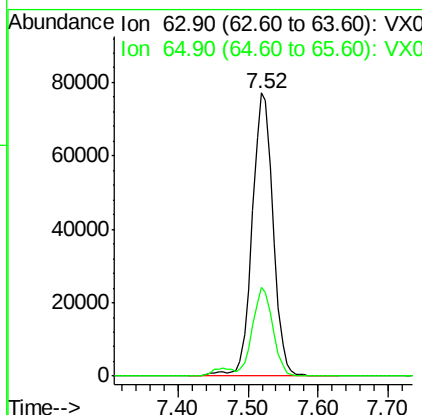
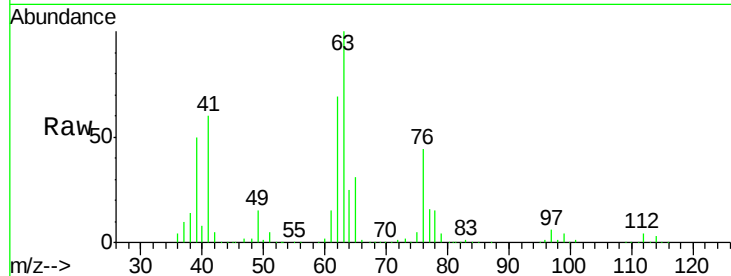




#45
 1,2-Dichloropropane
 Concen: 49.59 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

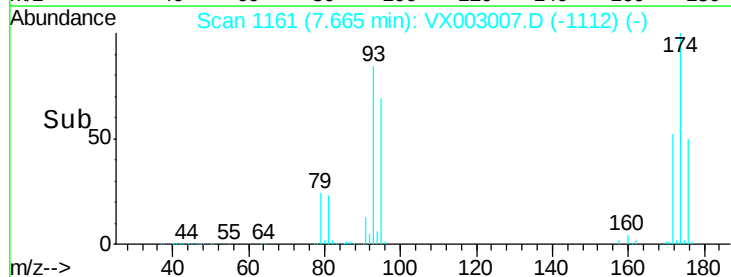
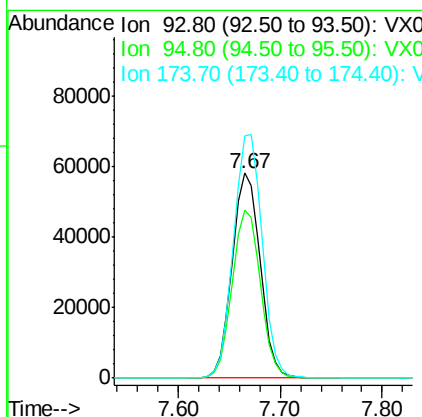
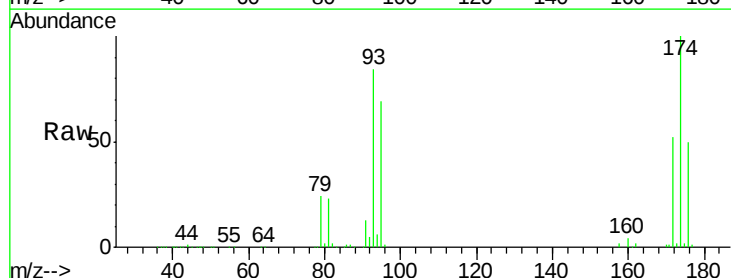
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 159479
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 49.62 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion: 93 Resp: 110761
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.9 98.9
 174 122.0 92.4 138.6





#47

Bromodichloromethane

Concen: 51.67 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

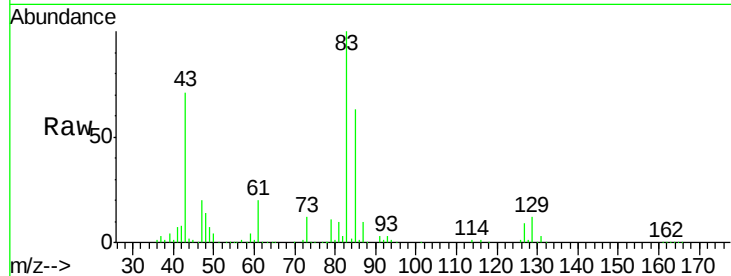
Tot Ion: 83 Resp: 213222

Ion Ratio Lower Upper

83 100

85 63.1 50.3 75.5

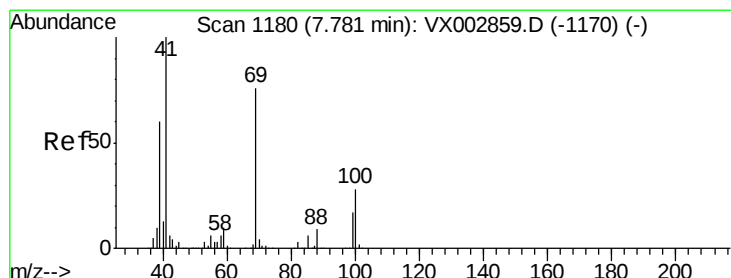
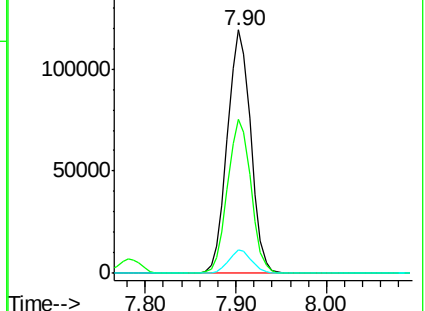
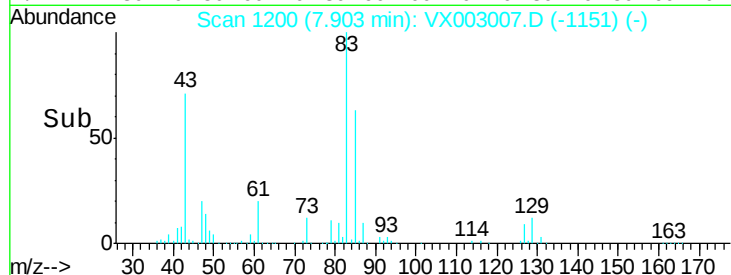
127 9.4 7.0 10.4



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: 50.55 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

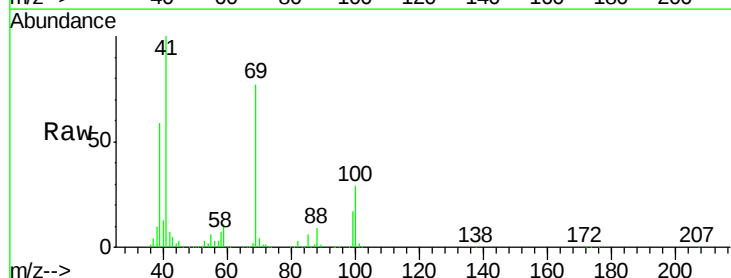
Tgt Ion: 41 Resp: 196263

Ion Ratio Lower Upper

41 100

69 77.0 59.1 88.7

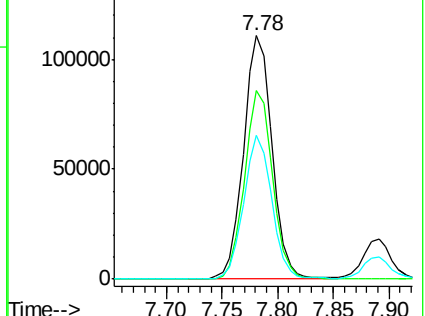
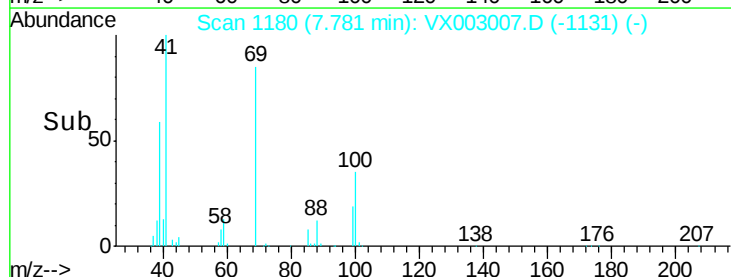
39 58.0 48.9 73.3

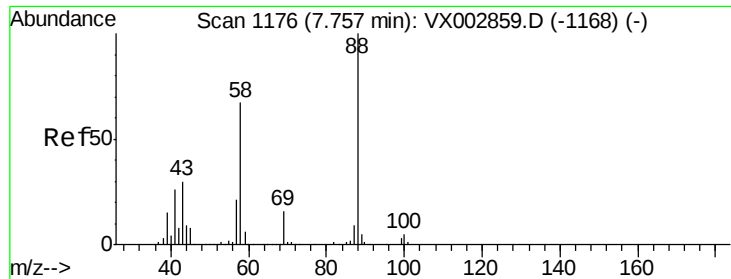


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

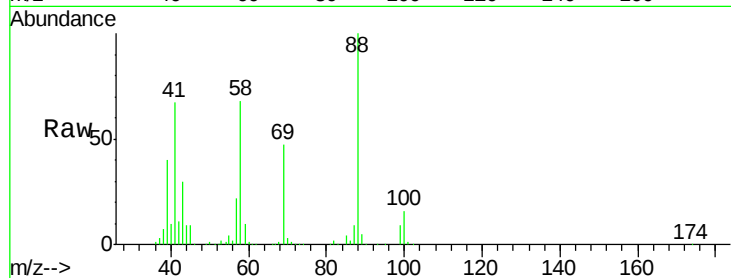




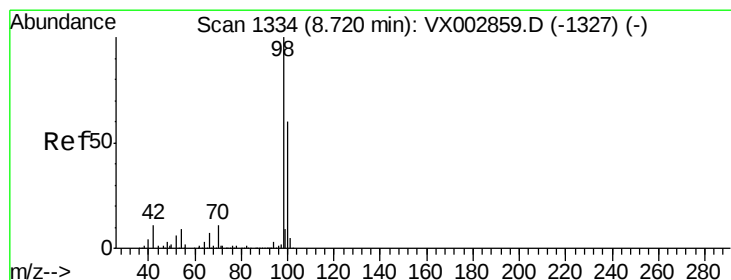
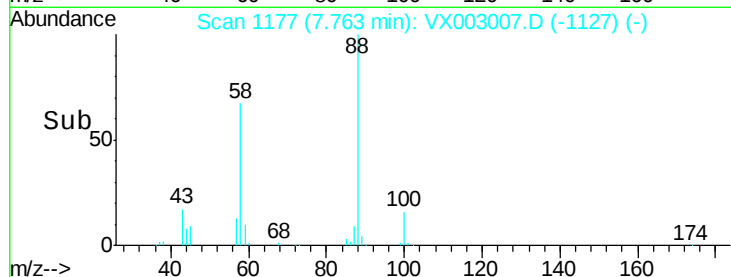
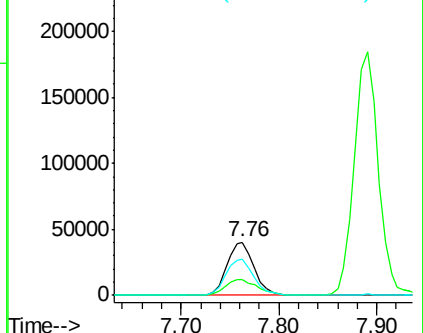
#49
1,4-Dioxane
Concen: 1016.36 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 76774
Ion Ratio Lower Upper
88 100
43 34.6 29.8 44.6
58 70.1 57.1 85.7

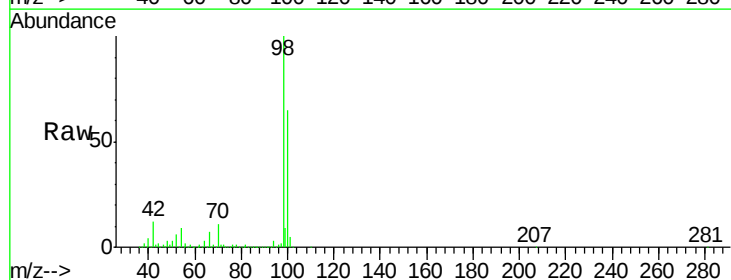


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

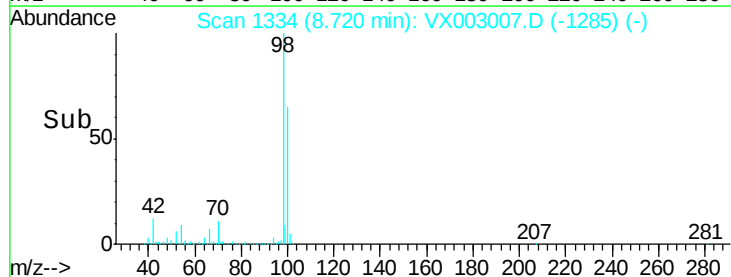
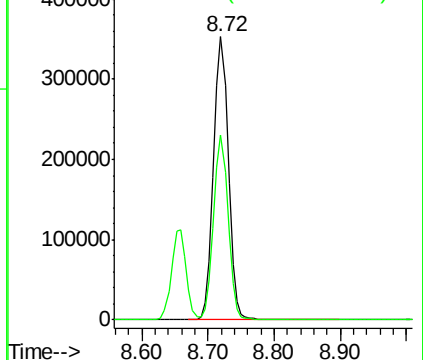


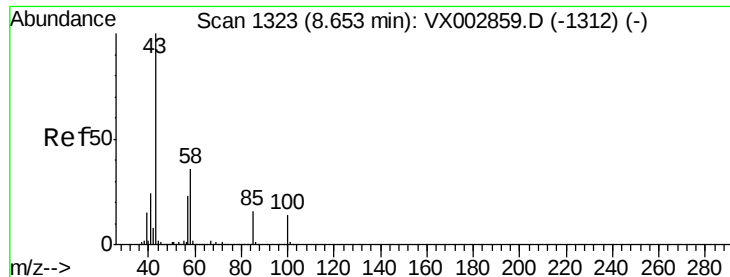
#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 98 Resp: 546756
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



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

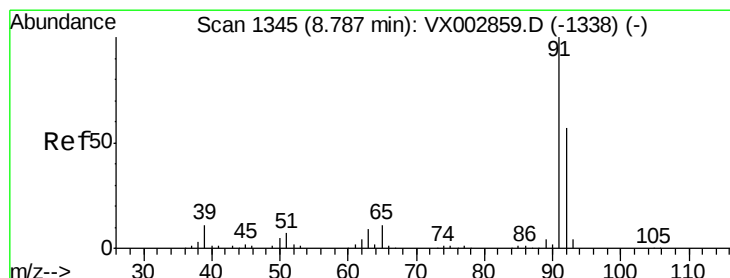
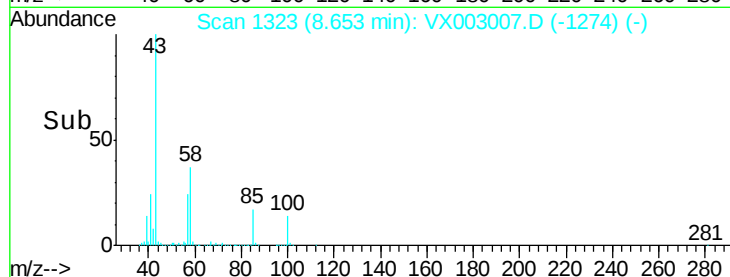
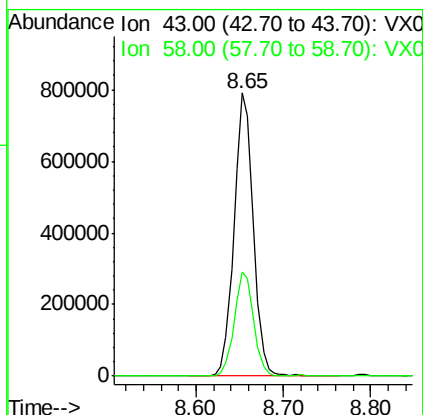
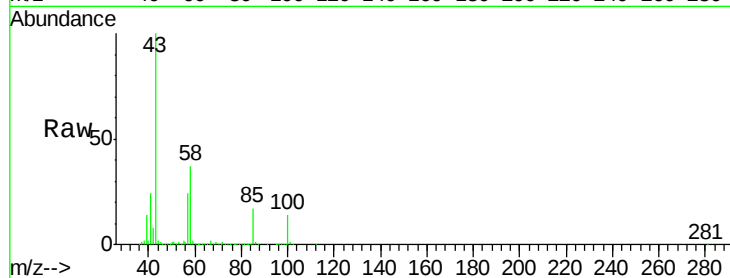




#51
4-Methyl-2-Pentanone
Concen: 258.34 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

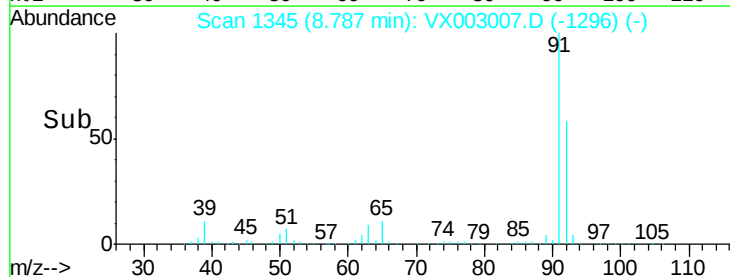
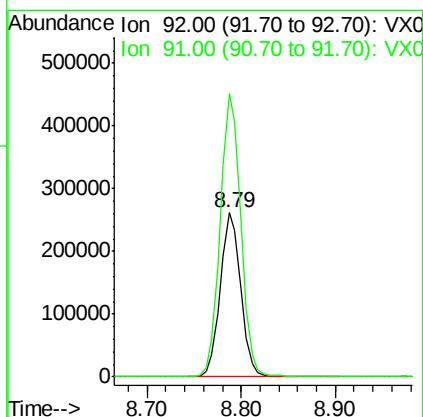
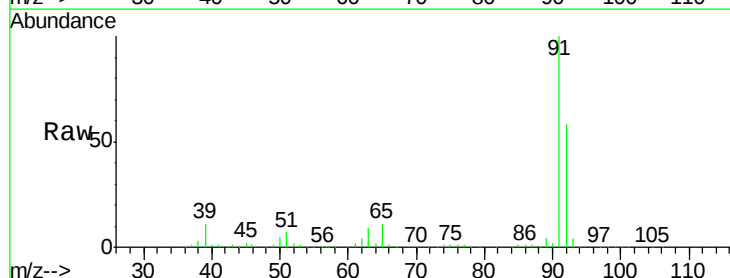
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

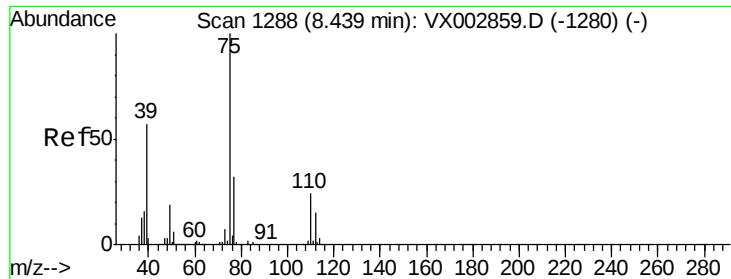
Tot Ion: 43 Resp: 1217919
Ion Ratio Lower Upper
43 100
58 36.9 28.6 42.8



#52
Toluene
Concen: 50.71 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 92 Resp: 393846
Ion Ratio Lower Upper
92 100
91 174.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 50.33 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

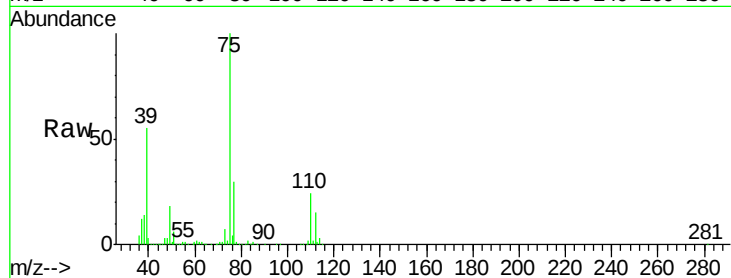
VSTDCCC050

Tot Ion: 75 Resp: 235184

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

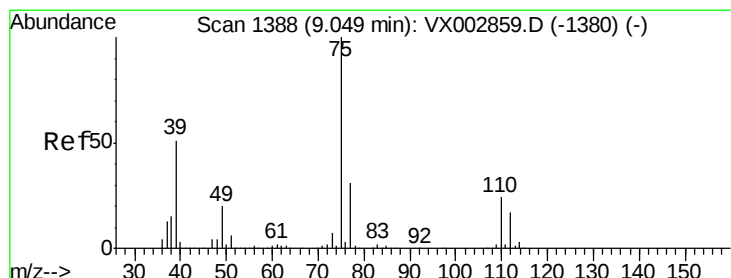
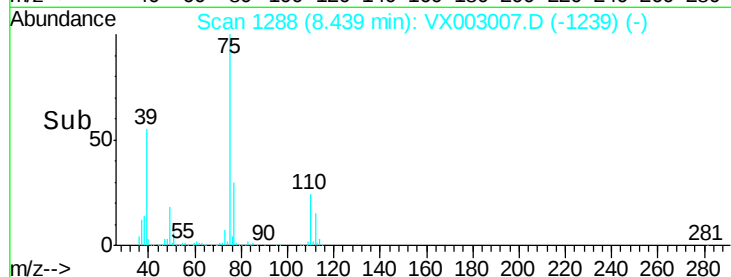
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.12 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

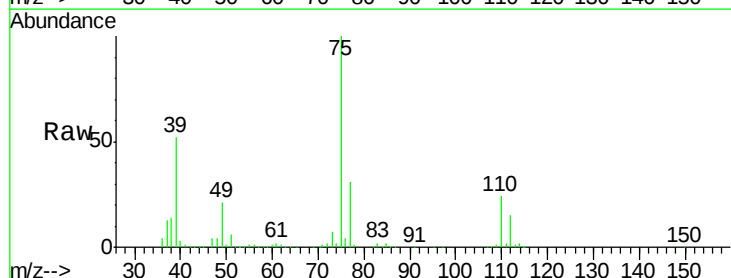
Tgt Ion: 75 Resp: 220851

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 51.7 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

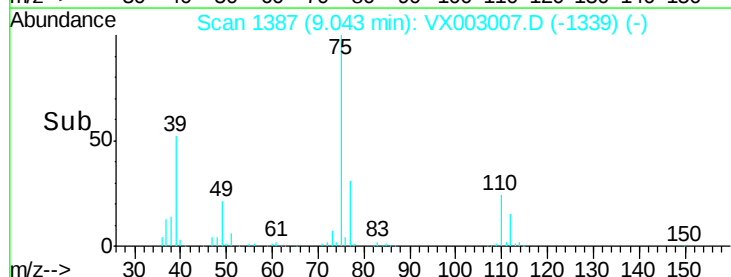
150000

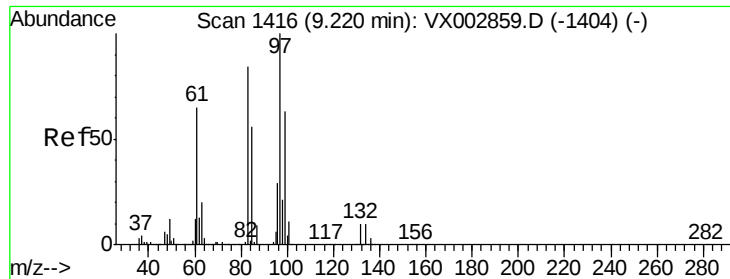
100000

50000

0

Time-->

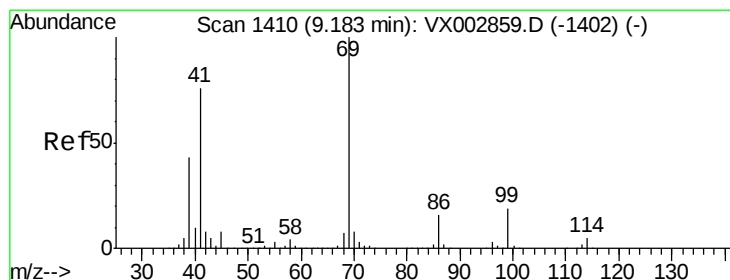
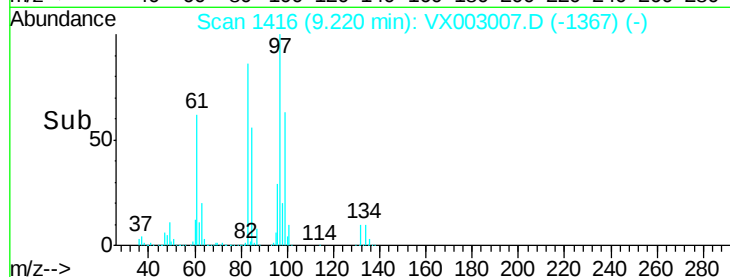
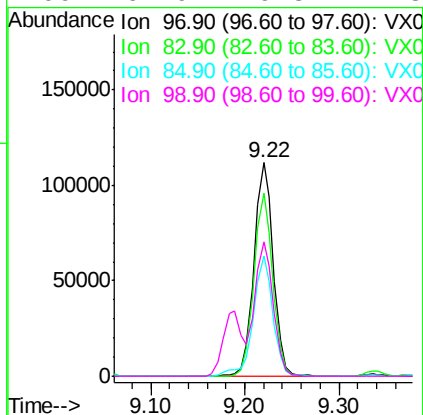
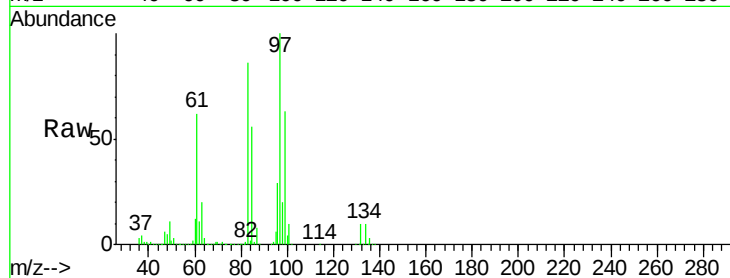




#55
1,1,2-Trichloroethane
Concen: 50.69 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

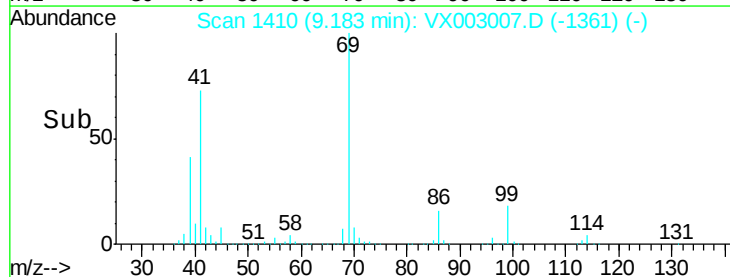
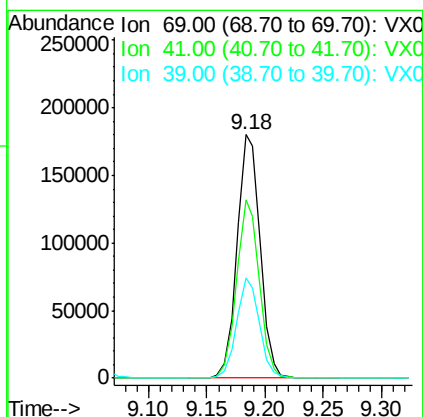
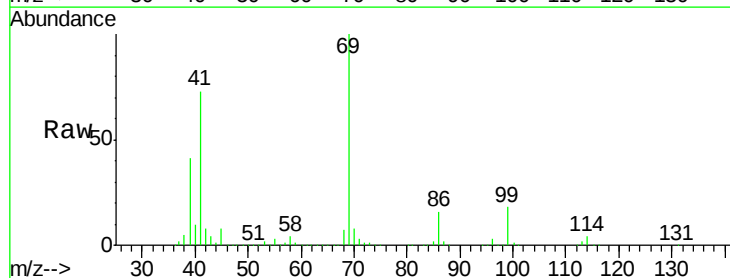
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

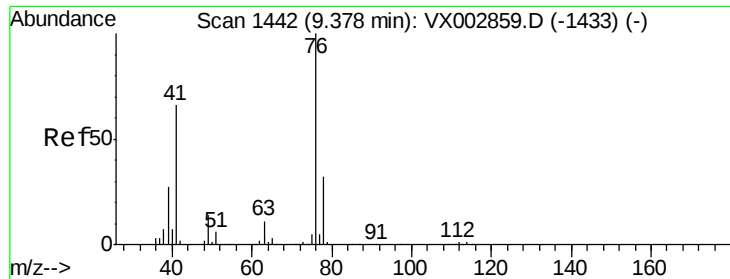
Tot Ion:	97	Resp:	161780
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.2	105.2
85	56.4	44.9	67.3
99	62.9	49.8	74.8



#56
Ethyl methacrylate
Concen: 53.34 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion:	69	Resp:	248811
Ion	Ratio	Lower	Upper
69	100		
41	71.9	60.3	90.5
39	40.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.91 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

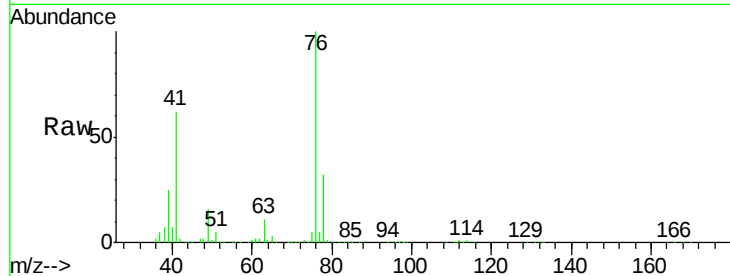
VSTDCCC050

Tot Ion: 76 Resp: 261620

Ion Ratio Lower Upper

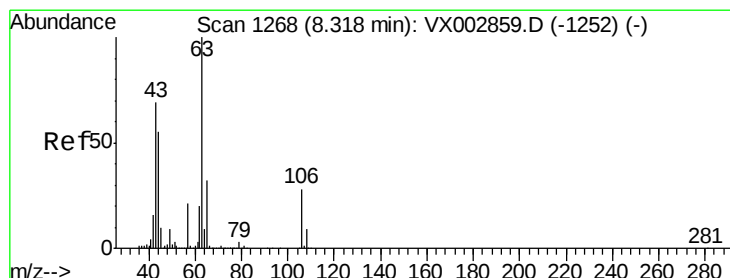
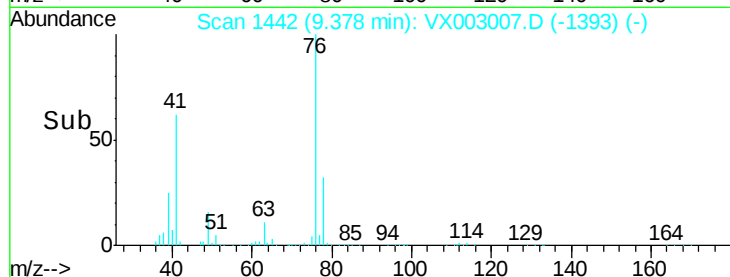
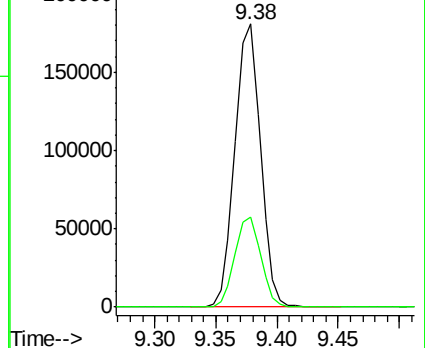
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 257.67 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003007.D

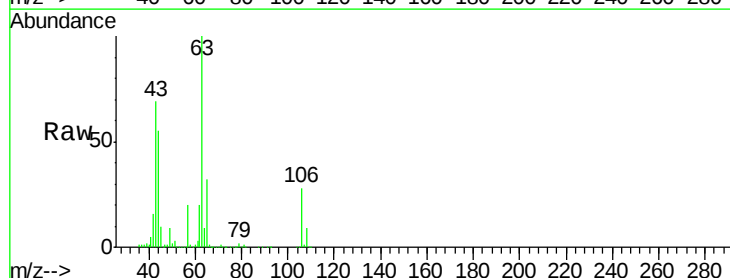
Acq: 29 Jun 2018 01:24

Tgt Ion: 63 Resp: 579847

Ion Ratio Lower Upper

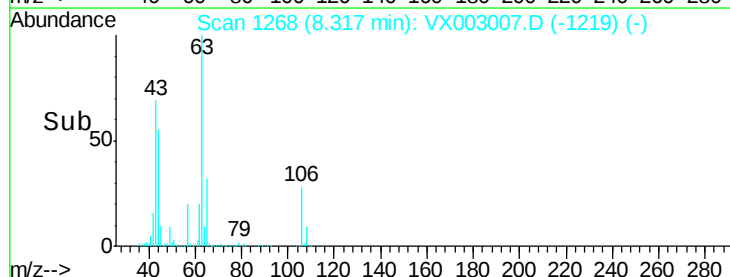
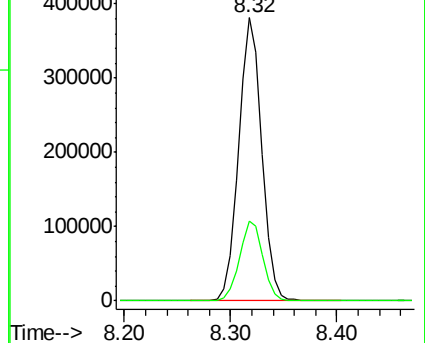
63 100

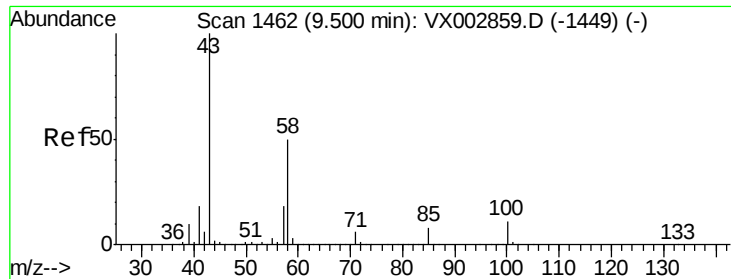
106 28.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

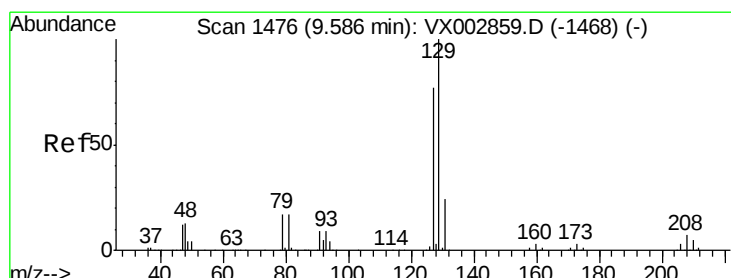
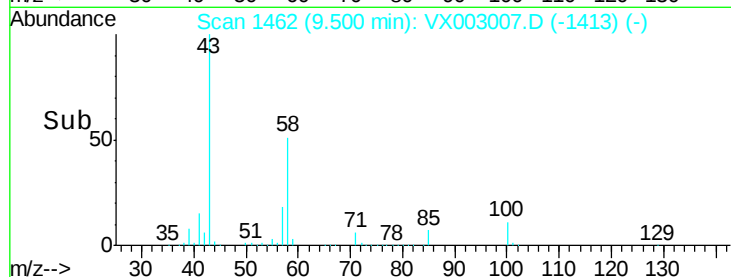
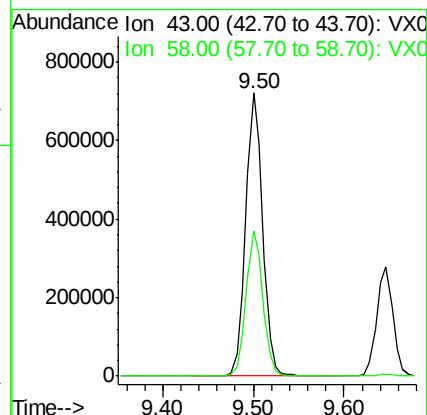
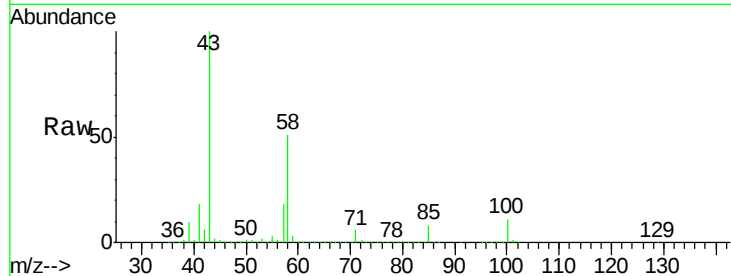




#59
2-Hexanone
Concen: 260.73 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

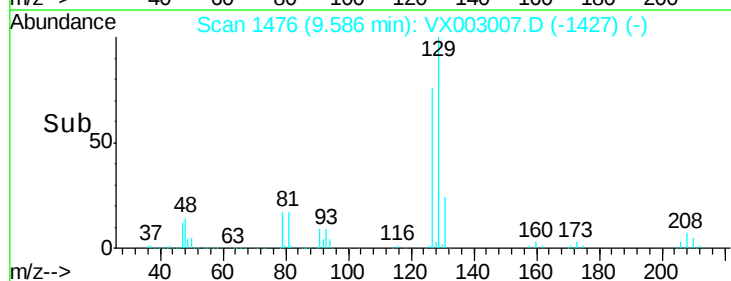
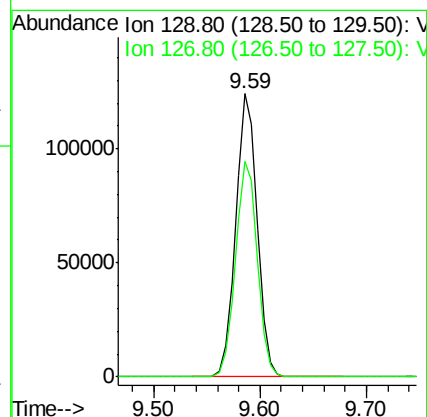
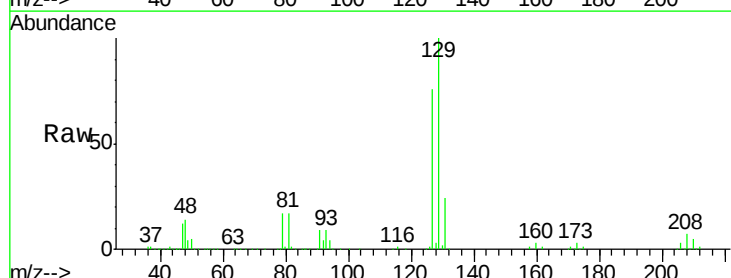
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

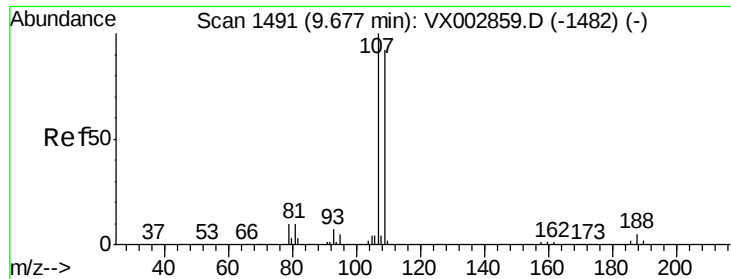
Tot Ion: 43 Resp: 934215
Ion Ratio Lower Upper
43 100
58 51.0 24.6 73.6



#60
Dibromochloromethane
Concen: 52.24 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 129 Resp: 175538
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.22 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

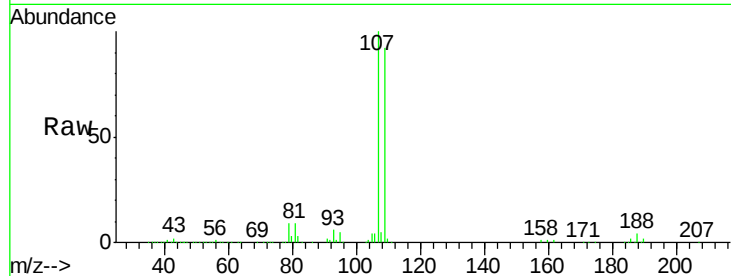
VSTDCCC050

Tot Ion:107 Resp: 171485

Ion Ratio Lower Upper

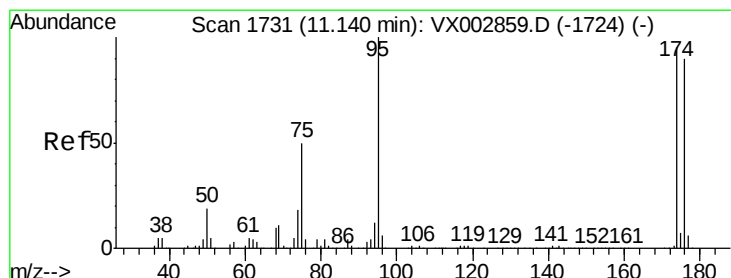
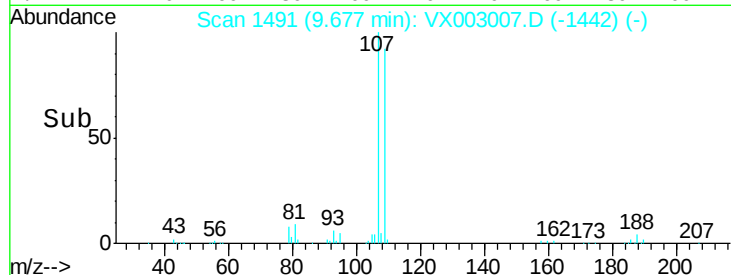
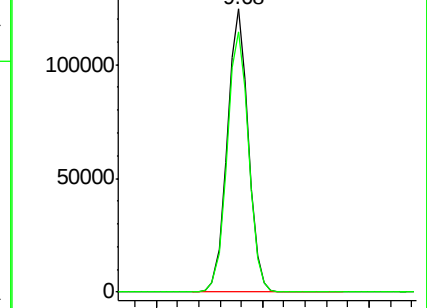
107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

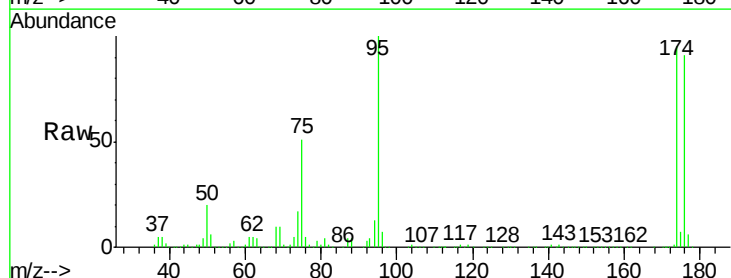
Tgt Ion: 95 Resp: 210025

Ion Ratio Lower Upper

95 100

174 97.9 0.0 187.4

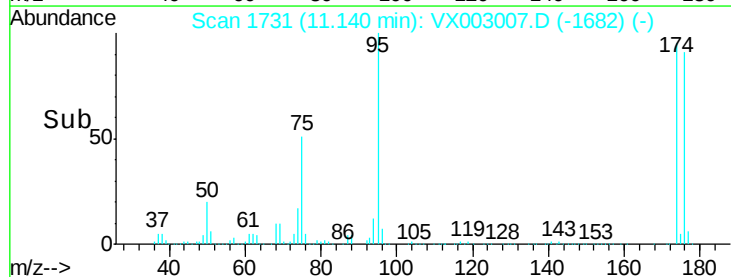
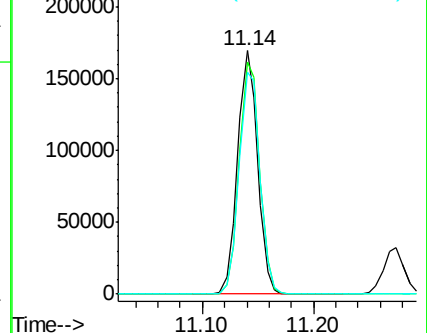
176 95.2 0.0 181.0

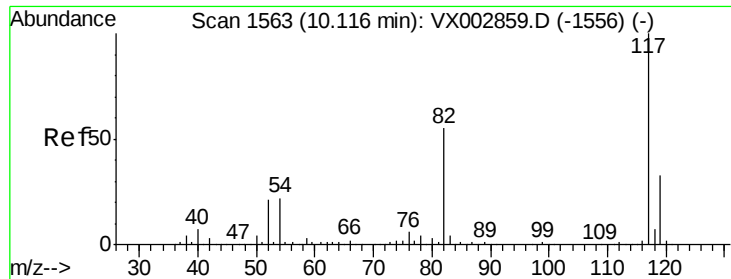


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

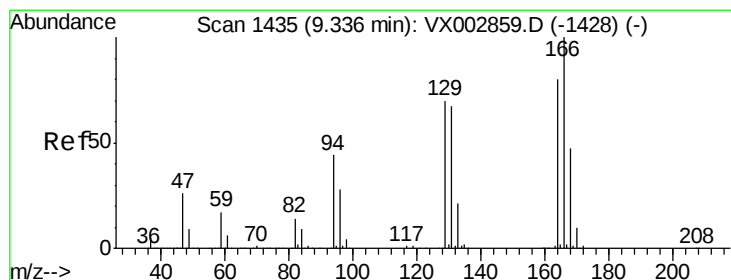
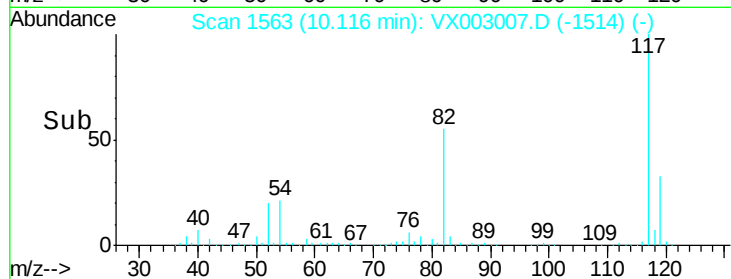
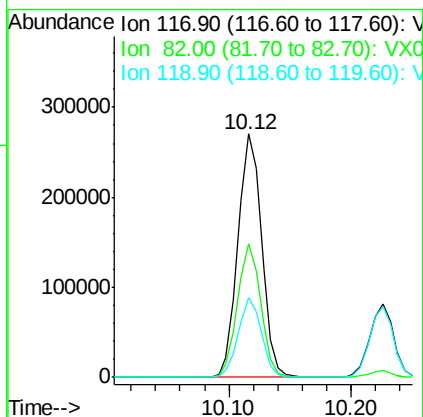
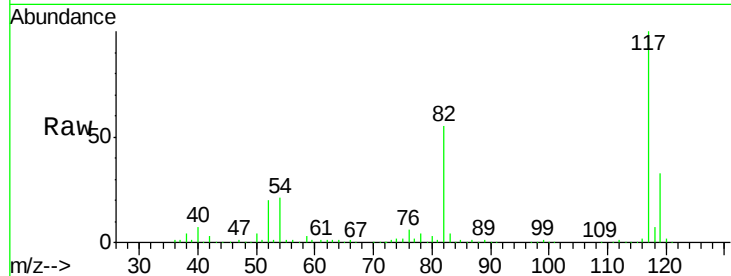




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

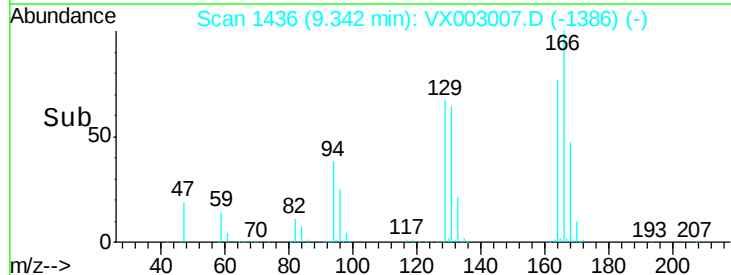
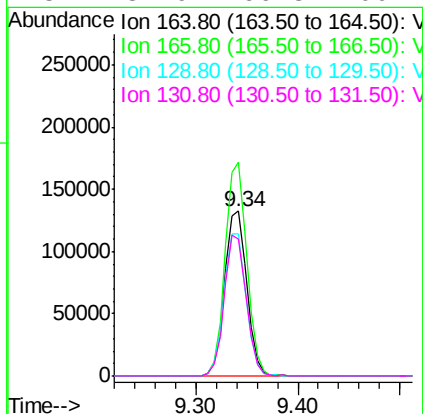
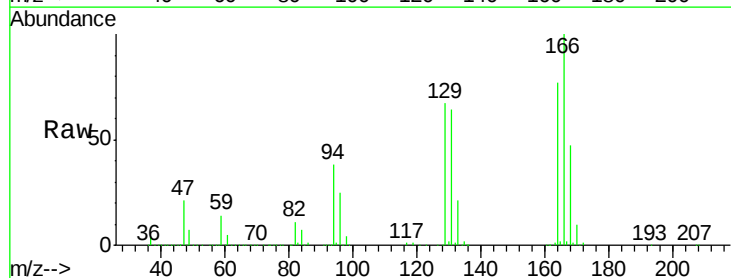
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 362336
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 49.31 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion:164 Resp: 198687
Ion Ratio Lower Upper
164 100
166 129.6 102.9 154.3
129 86.3 68.6 102.8
131 82.9 66.8 100.2





#65

Chlorobenzene

Concen: 49.35 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

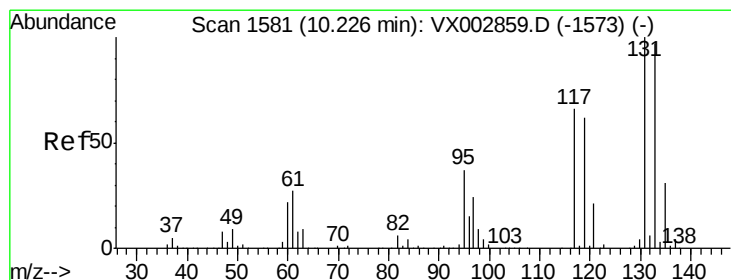
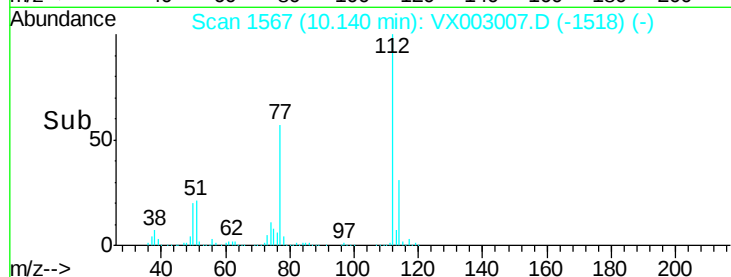
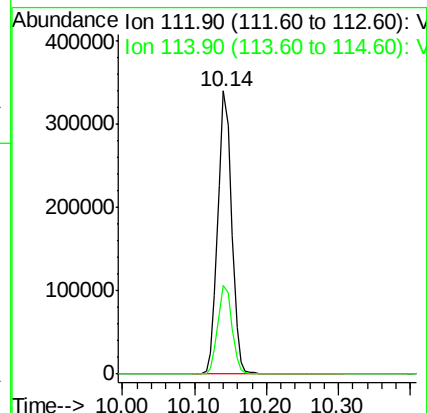
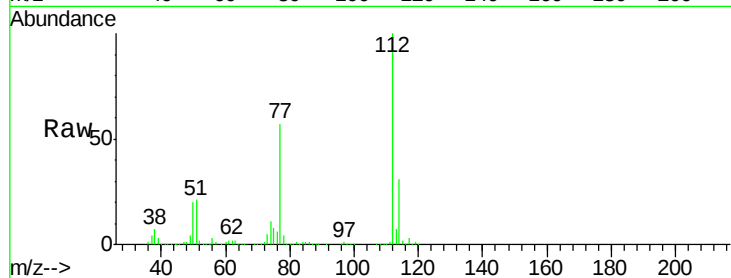
VSTDCCC050

Tot Ion:112 Resp: 454148

Ion Ratio Lower Upper

112 100

114 31.4 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 50.90 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

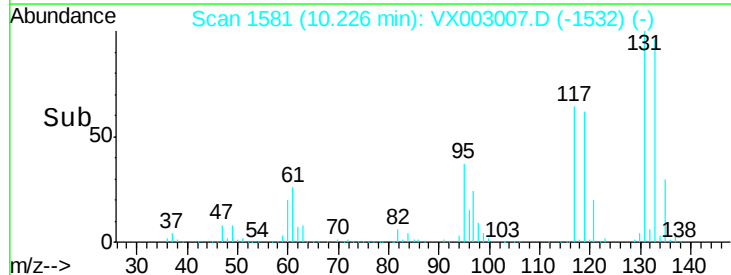
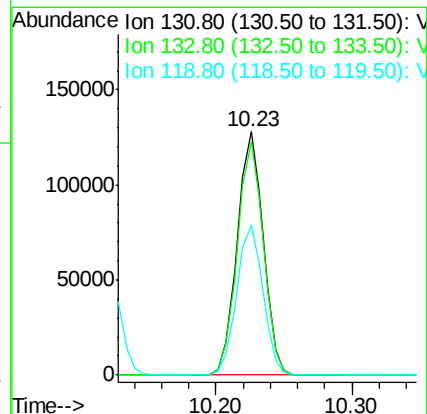
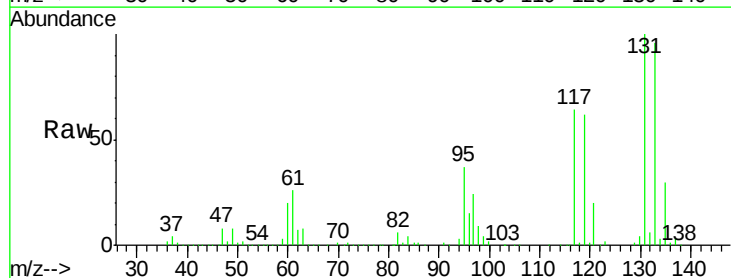
Tgt Ion:131 Resp: 170175

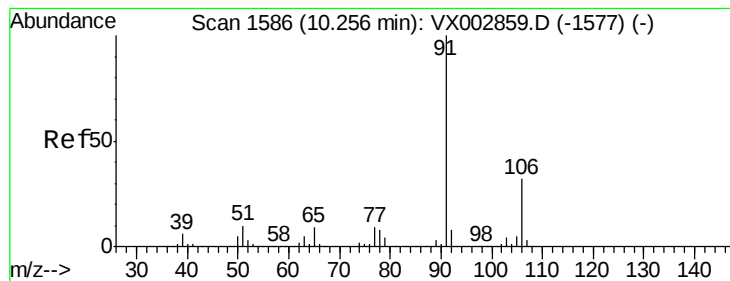
Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.6

119 62.7 31.8 95.3





#67

Ethyl Benzene

Concen: 50.67 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

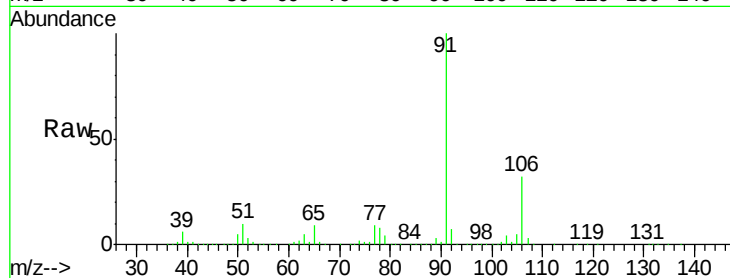
VSTDCCC050

Tot Ion: 91 Resp: 770411

Ion Ratio Lower Upper

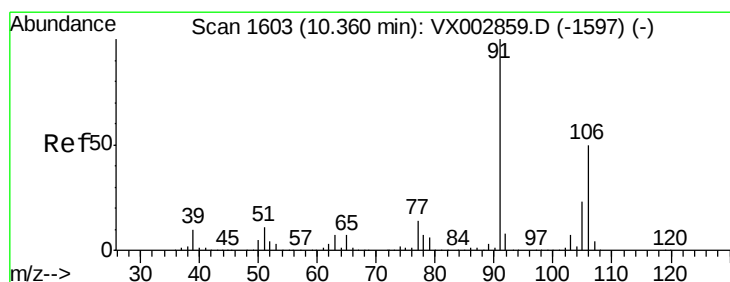
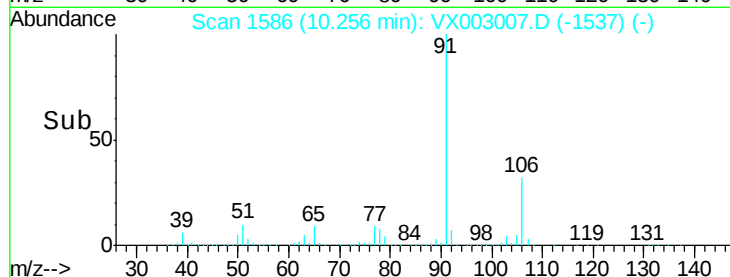
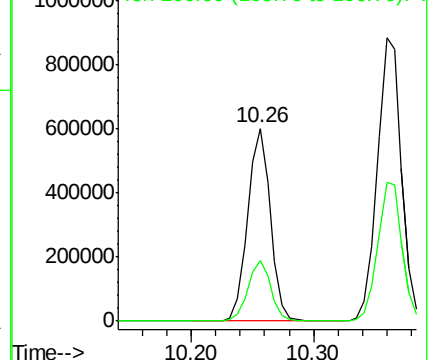
91 100

106 31.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.28 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003007.D

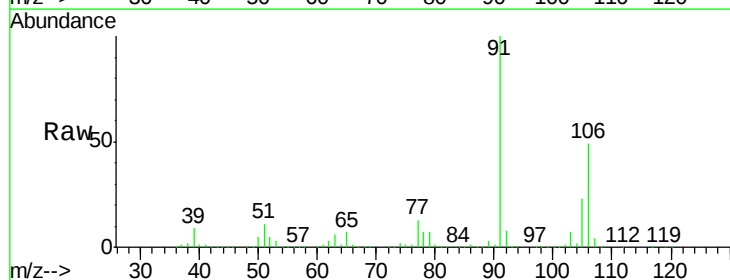
Acq: 29 Jun 2018 01:24

Tgt Ion: 106 Resp: 599313

Ion Ratio Lower Upper

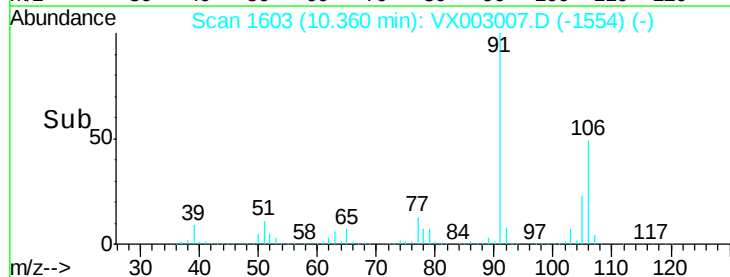
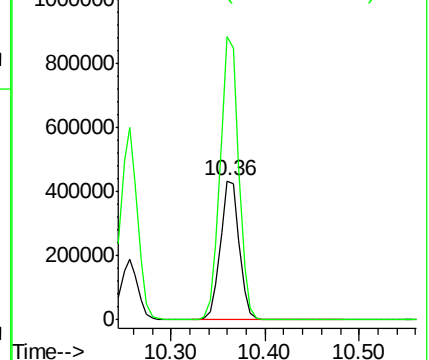
106 100

91 202.1 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

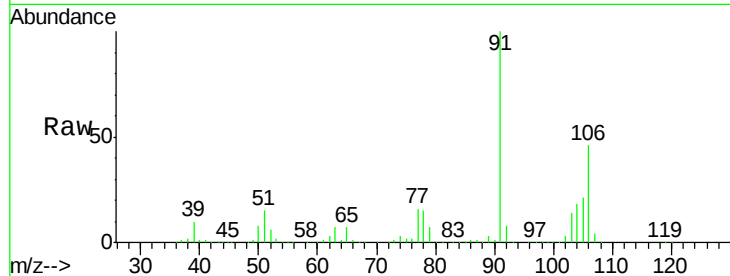




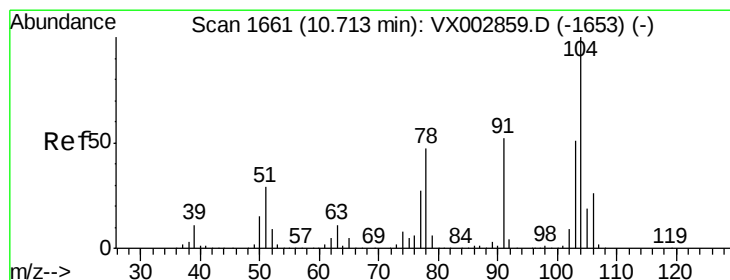
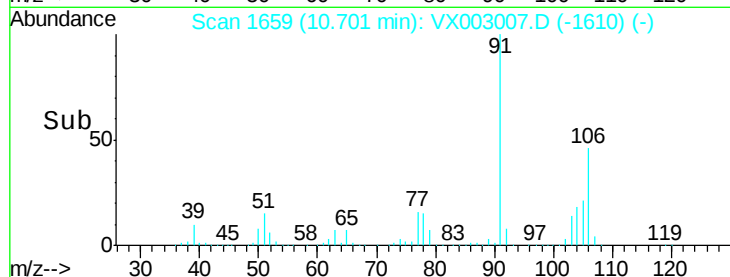
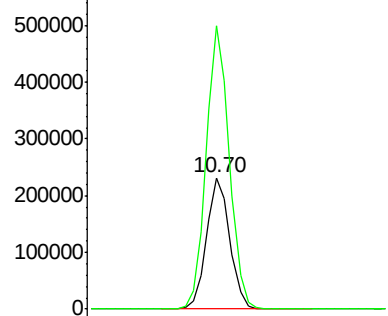
#69
o-Xylene
Concen: 51.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 291577
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

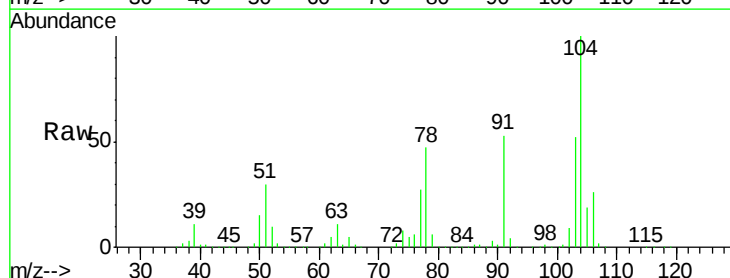


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

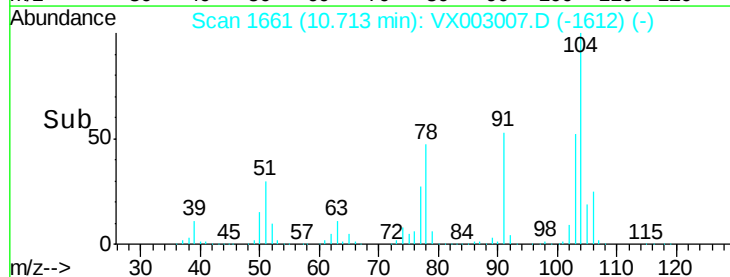
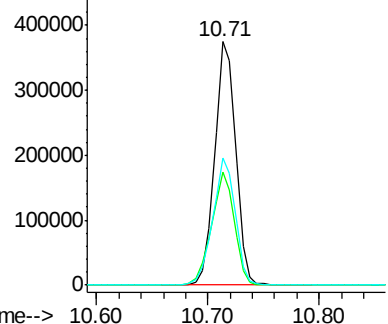


#70
Styrene
Concen: 52.83 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion:104 Resp: 489787
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 55.9 44.2 66.4



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

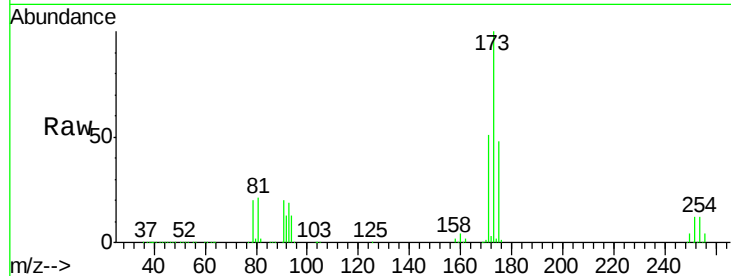




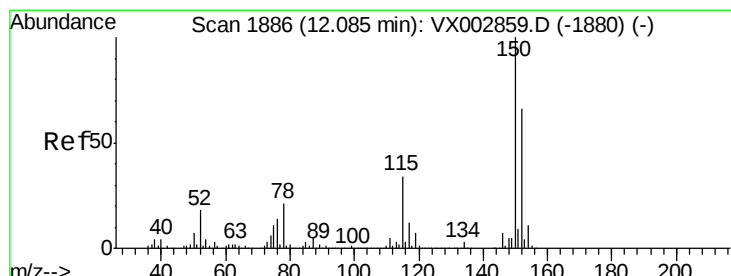
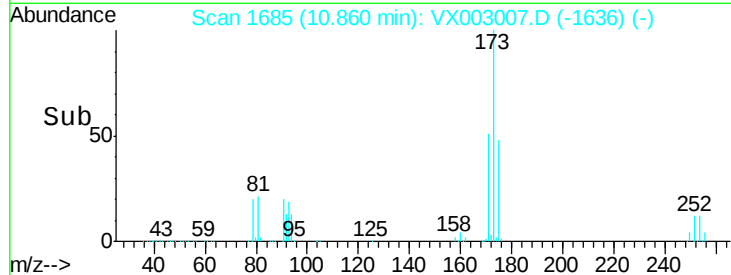
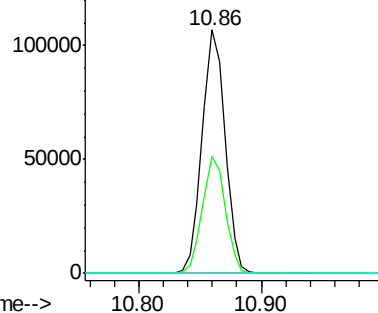
#71
Bromoform
Concen: 46.21 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:173 Resp: 138626
Ion Ratio Lower Upper
173 100
175 47.9 24.7 74.1
254 0.2 0.2 0.2

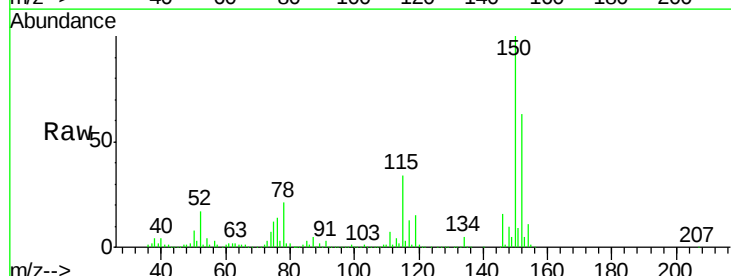


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

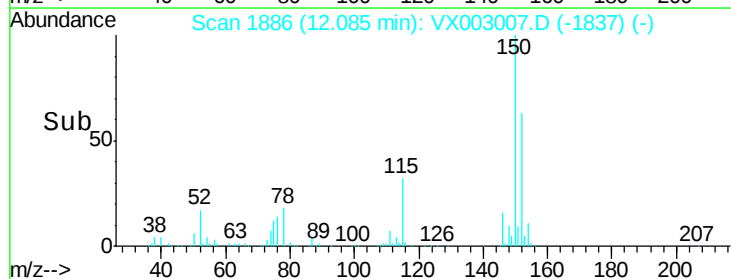
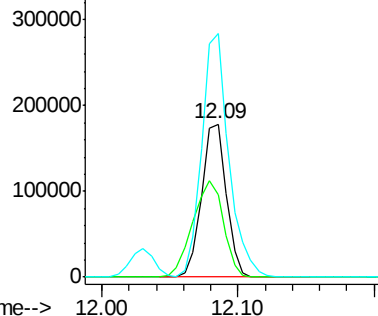


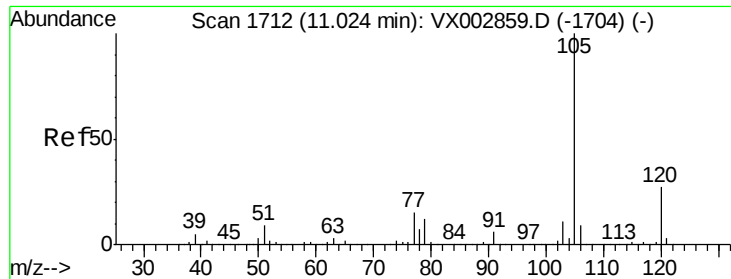
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion:152 Resp: 225853
Ion Ratio Lower Upper
152 100
115 77.7 40.1 120.2
150 174.0 0.0 347.2



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





#73

Isopropylbenzene

Concen: 50.84 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

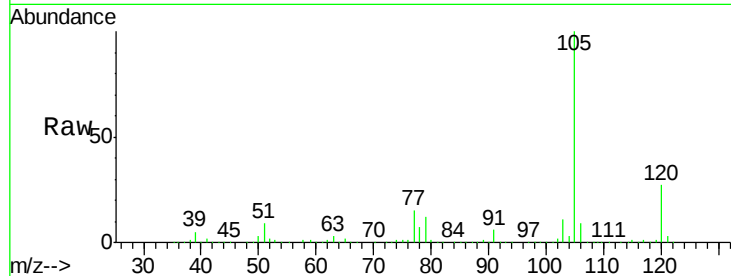
VSTDCCC050

Tot Ion:105 Resp: 772401

Ion Ratio Lower Upper

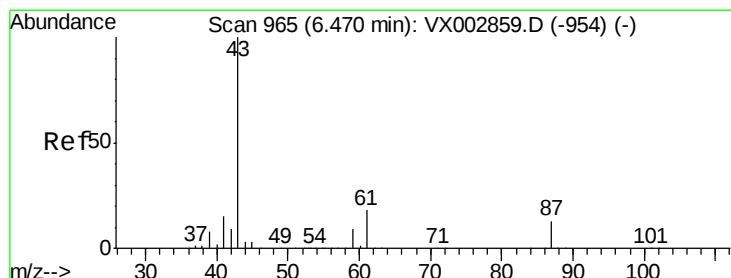
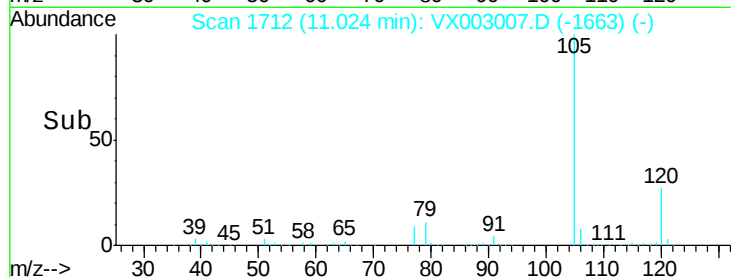
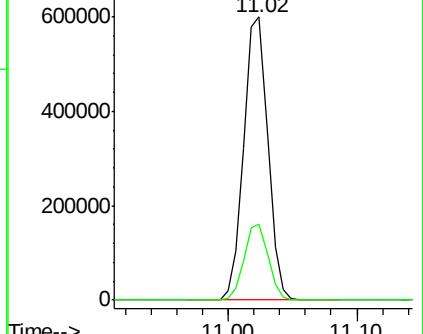
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.46 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion: 43 Resp: 375151

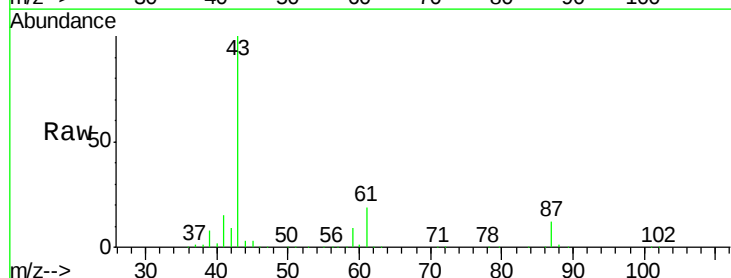
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.4 21.6

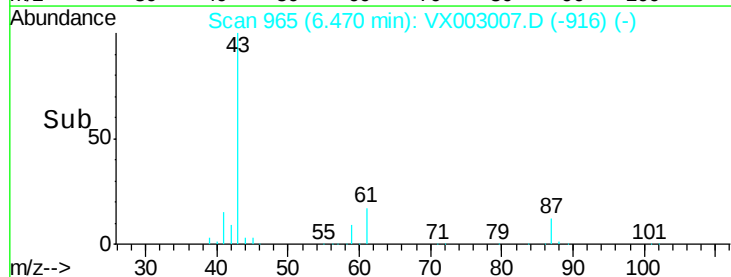
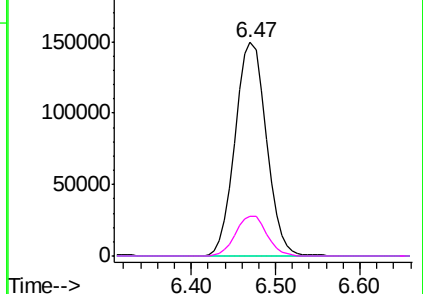


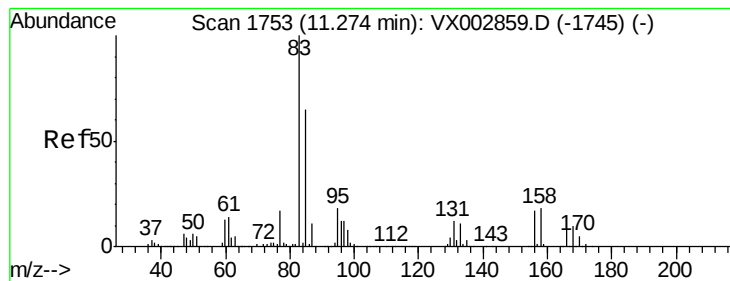
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

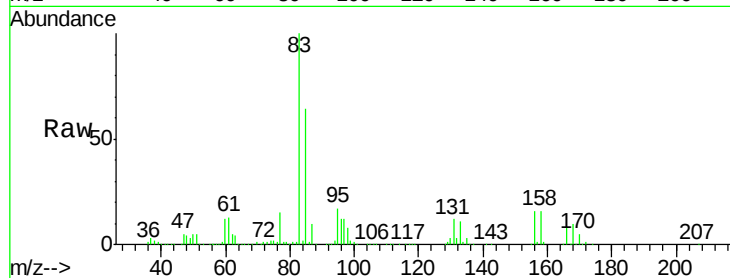
Tot Ion: 83 Resp: 245280

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

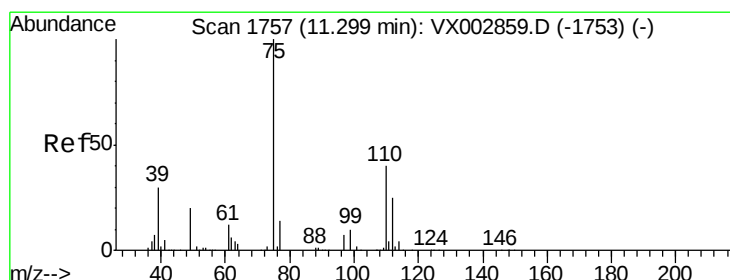
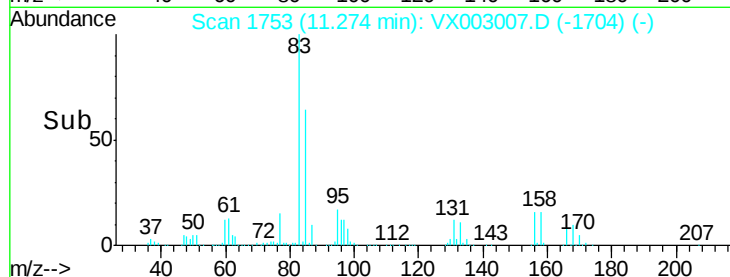
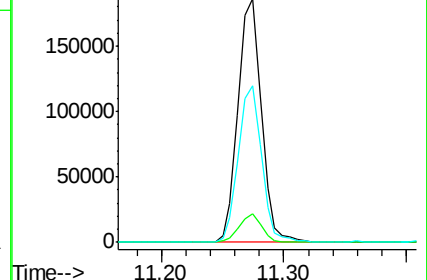
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.70 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003007.D

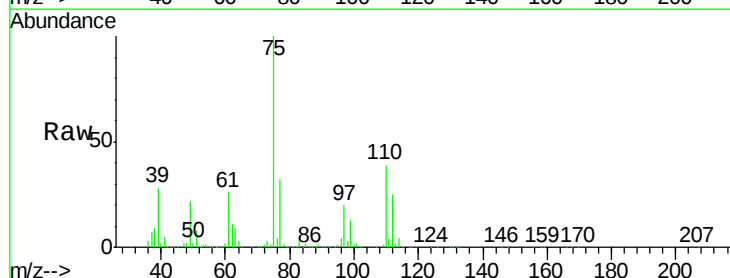
Acq: 29 Jun 2018 01:24

Tgt Ion: 75 Resp: 268774

Ion Ratio Lower Upper

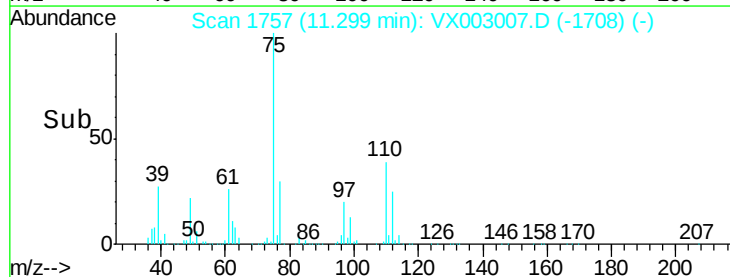
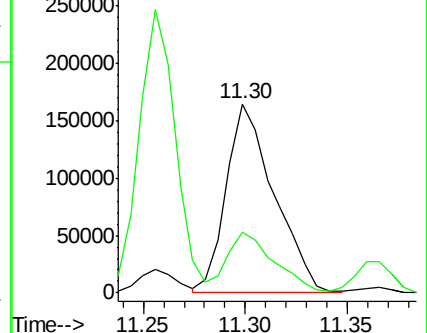
75 100

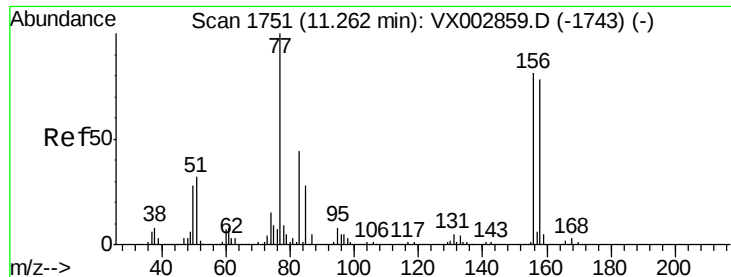
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.71 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

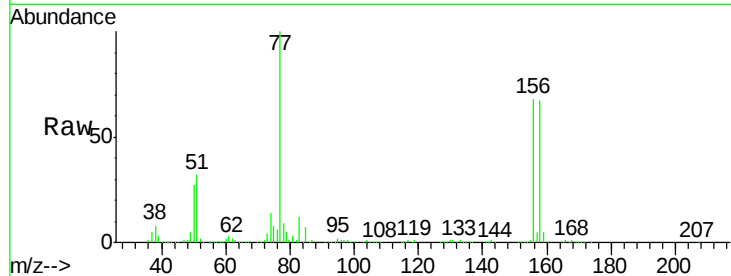
Tot Ion:156 Resp: 219424

Ion Ratio Lower Upper

156 100

77 138.8 71.4 214.2

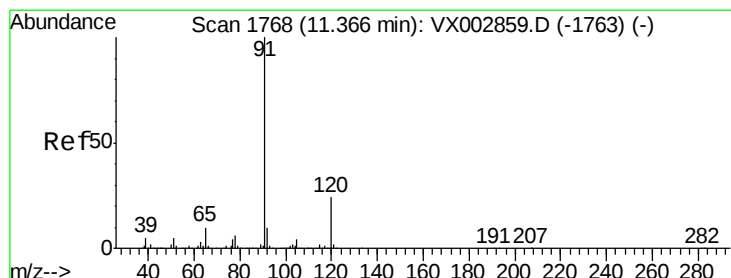
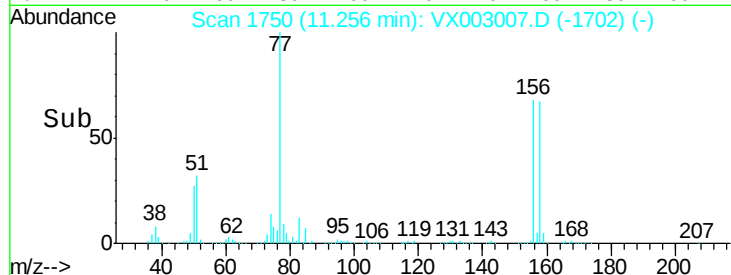
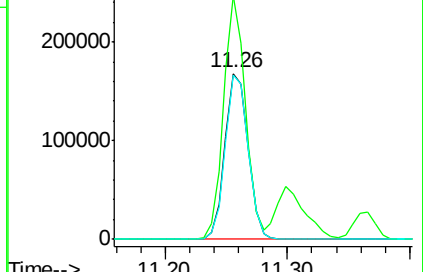
158 98.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003007.D

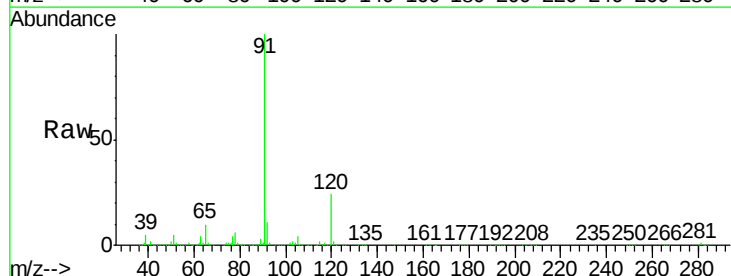
Acq: 29 Jun 2018 01:24

Tgt Ion: 91 Resp: 867133

Ion Ratio Lower Upper

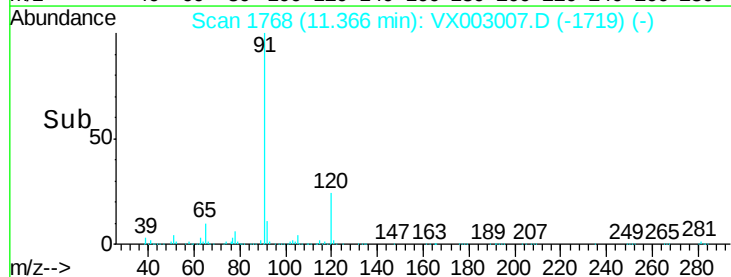
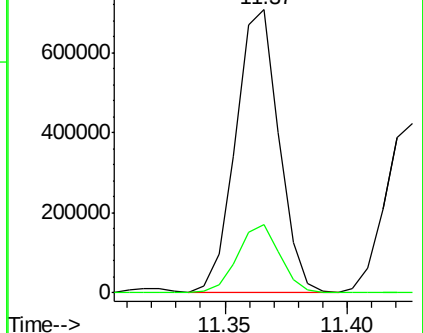
91 100

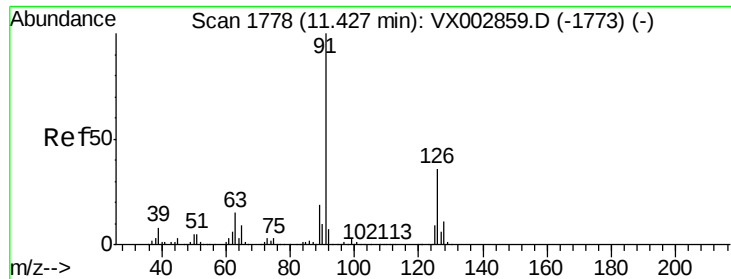
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.67 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

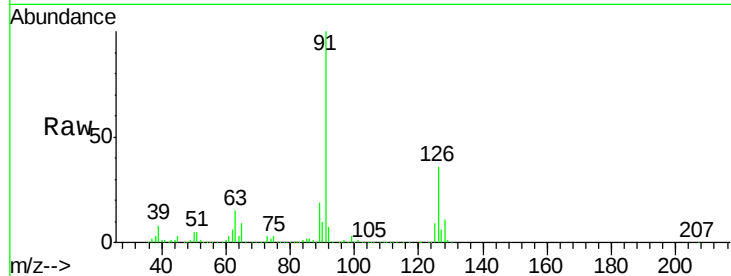
VSTDCCC050

Tot Ion: 91 Resp: 530527

Ion Ratio Lower Upper

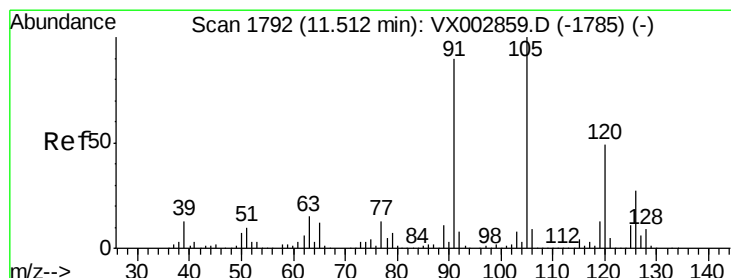
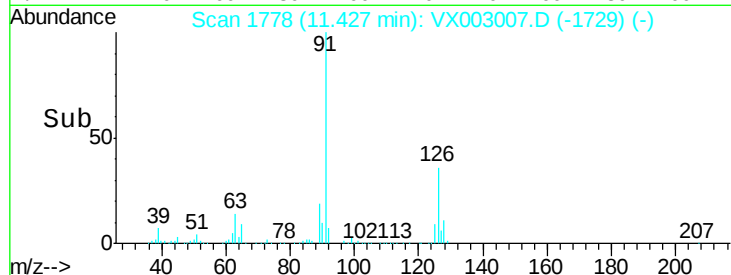
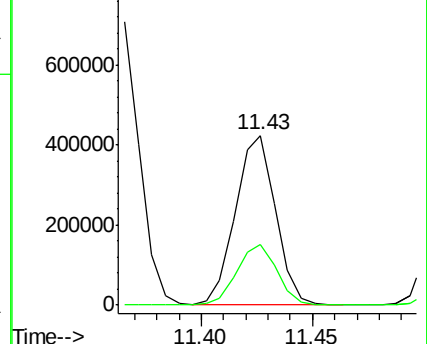
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003007.D

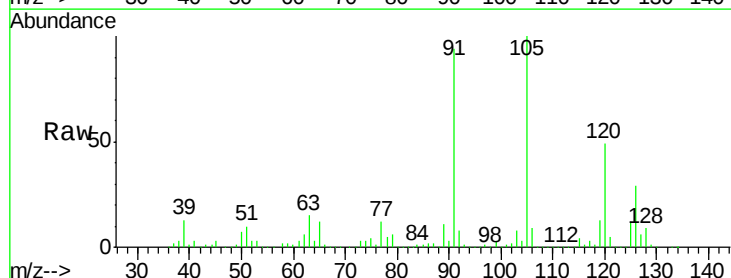
Acq: 29 Jun 2018 01:24

Tgt Ion: 105 Resp: 649005

Ion Ratio Lower Upper

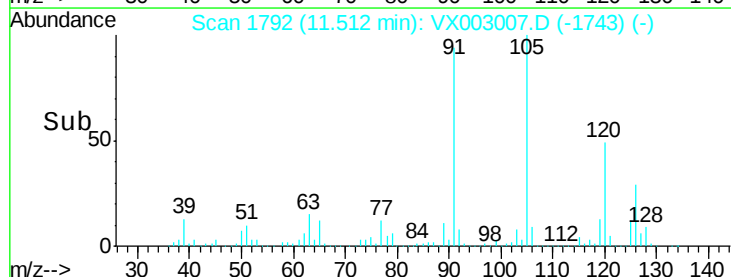
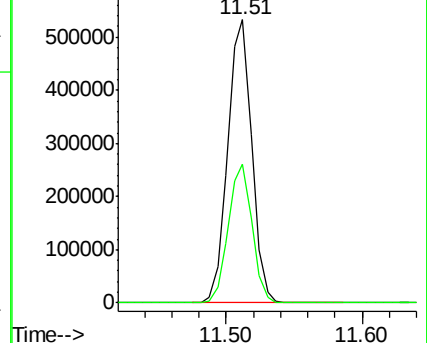
105 100

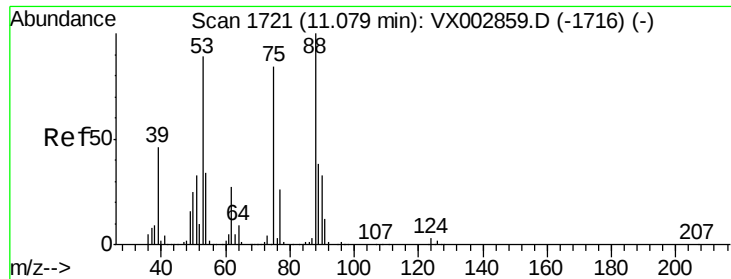
120 48.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.40 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

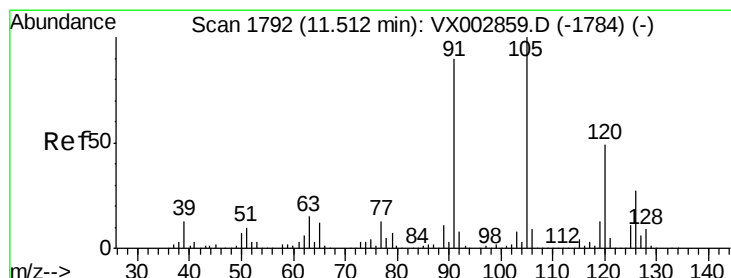
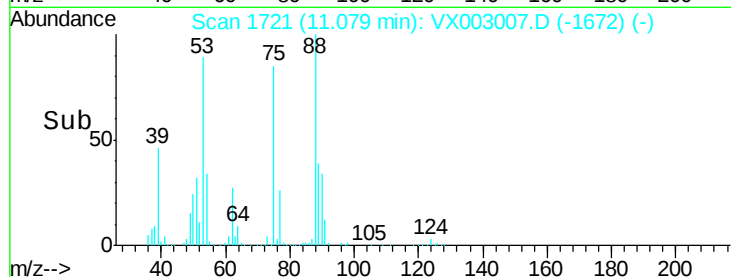
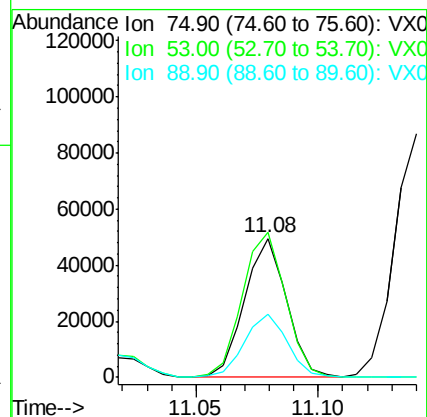
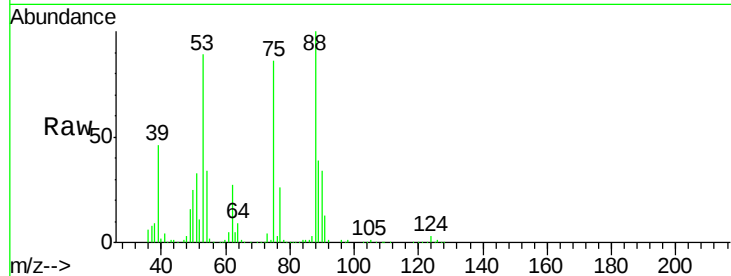
Tot Ion: 75 Resp: 59015

Ion Ratio Lower Upper

75 100

53 107.4 86.8 130.2

89 46.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 50.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003007.D

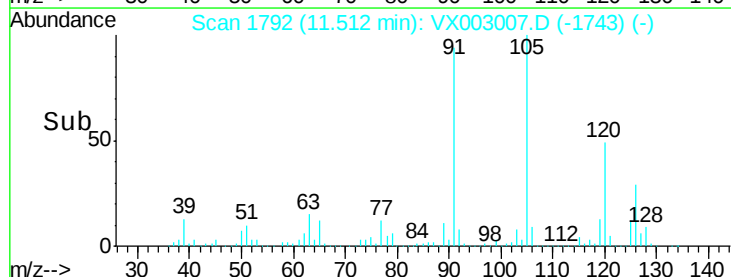
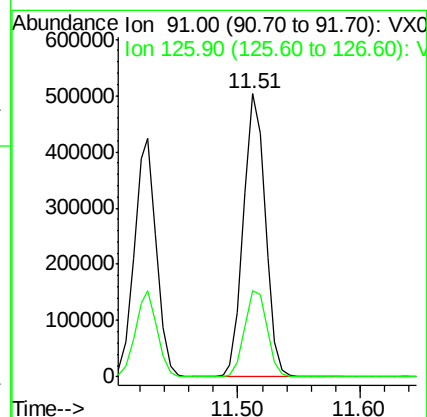
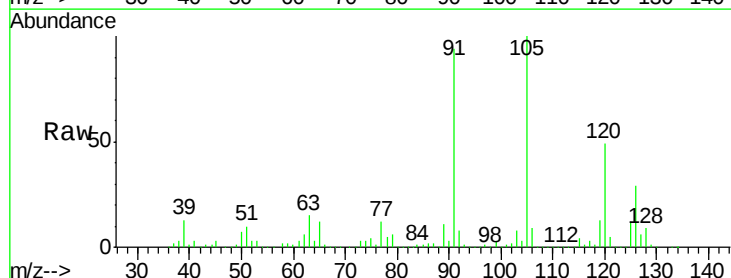
Acq: 29 Jun 2018 01:24

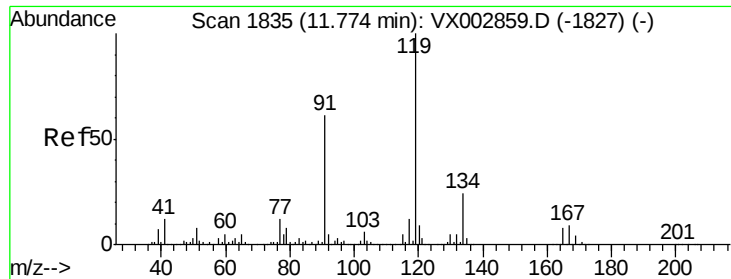
Tgt Ion: 91 Resp: 621279

Ion Ratio Lower Upper

91 100

126 31.5 15.4 46.4

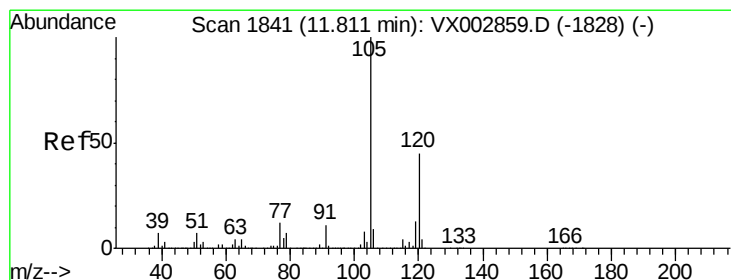
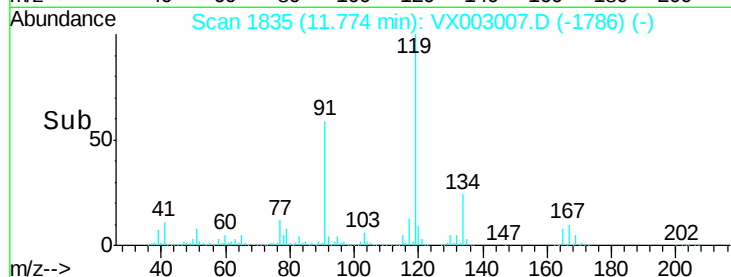
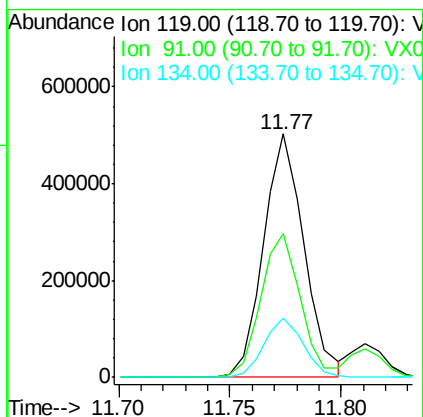
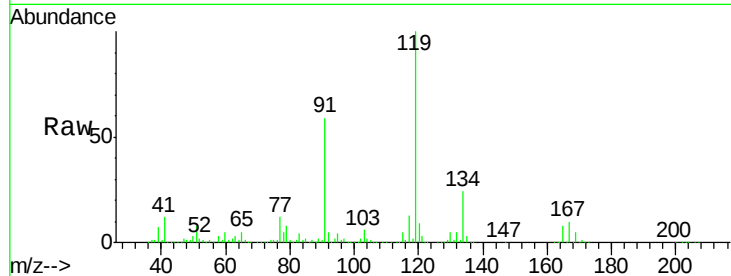




#83
tert-Butylbenzene
Concen: 50.30 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

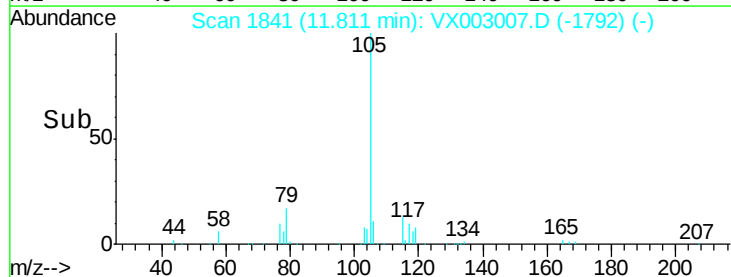
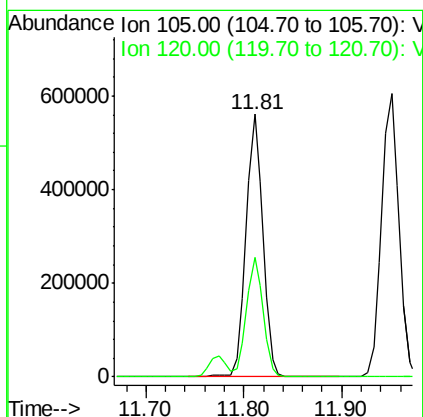
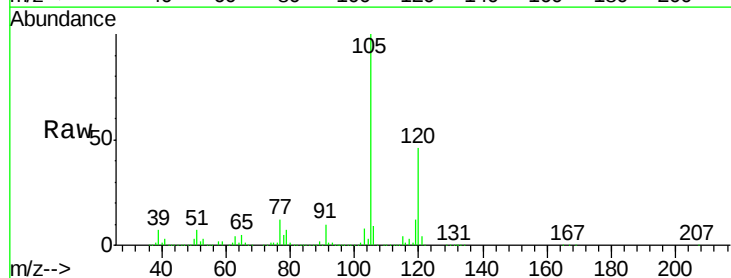
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

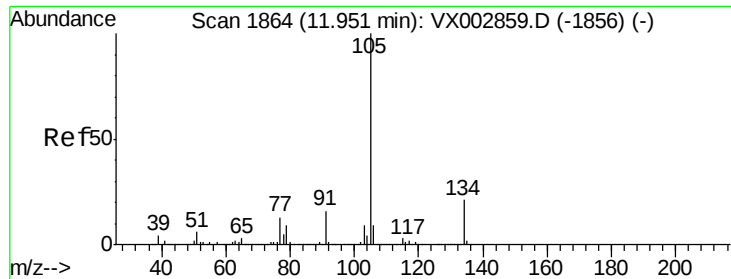
Tot Ion:119 Resp: 634387
Ion Ratio Lower Upper
119 100
91 58.1 30.3 90.9
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.69 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion:105 Resp: 672095
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

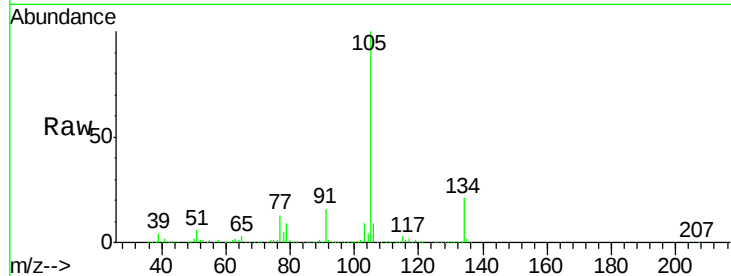
VSTDCCC050

Tot Ion:105 Resp: 746331

Ion Ratio Lower Upper

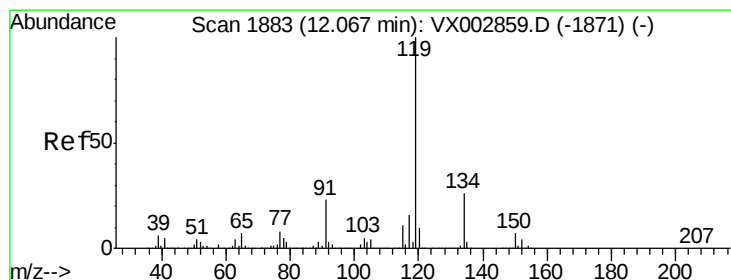
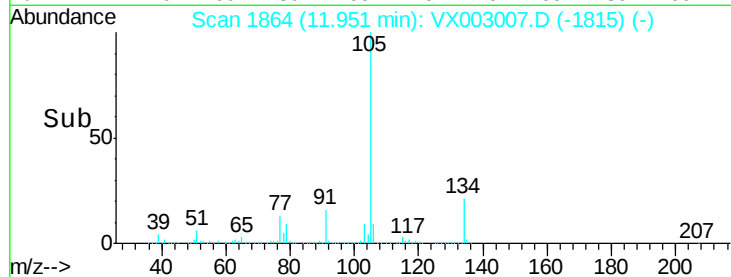
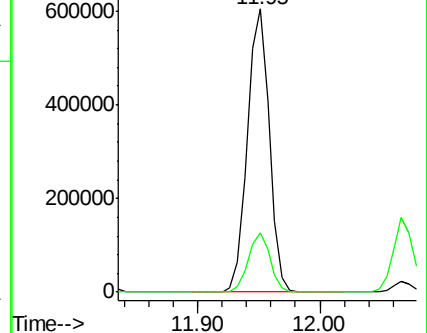
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.45 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

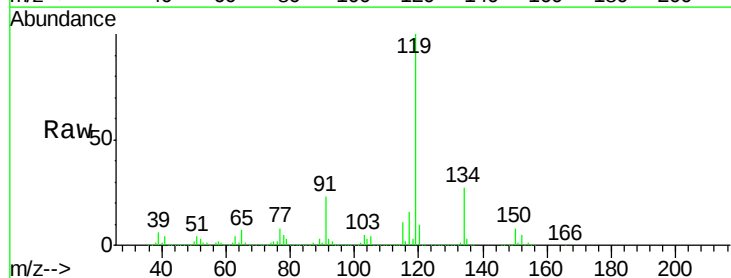
Tgt Ion:119 Resp: 680163

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

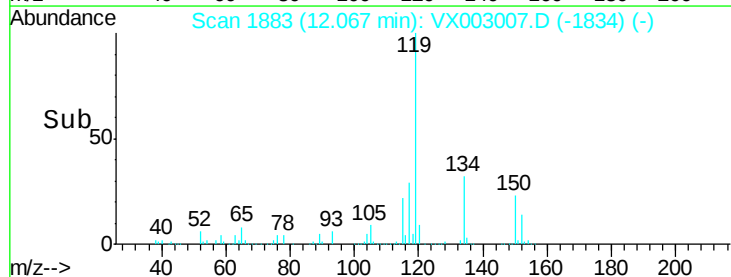
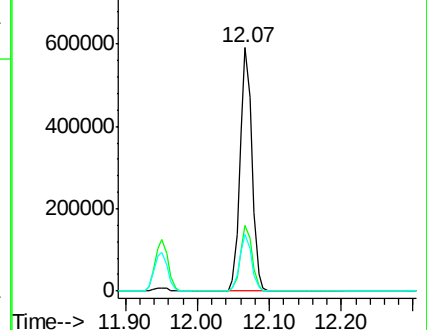
91 23.2 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.79 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

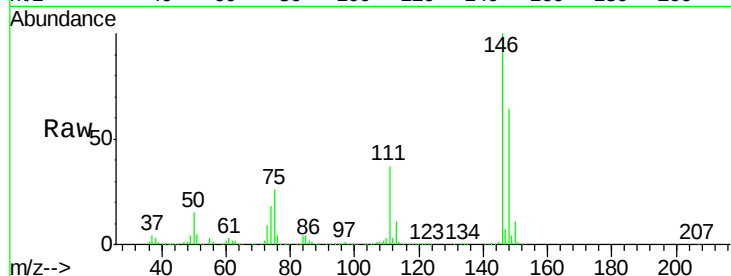
Tot Ion:146 Resp: 393488

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

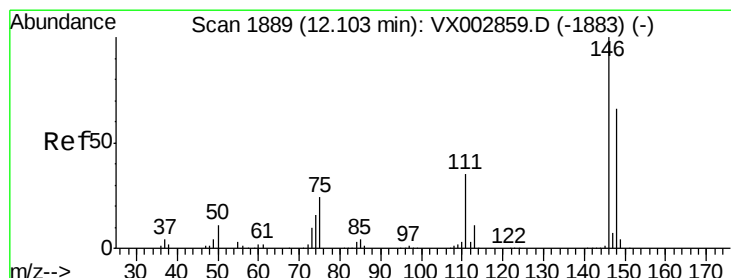
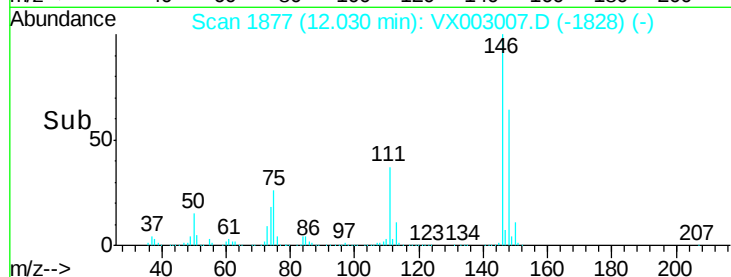
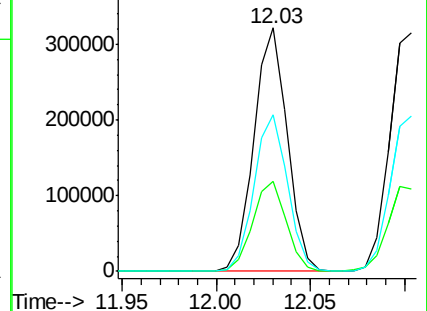
148 64.3 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 48.71 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

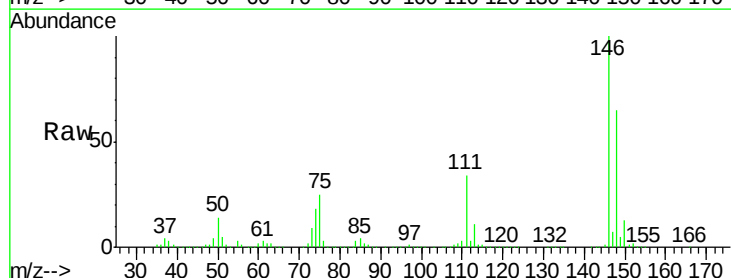
Tgt Ion:146 Resp: 396167

Ion Ratio Lower Upper

146 100

111 36.4 18.7 56.1

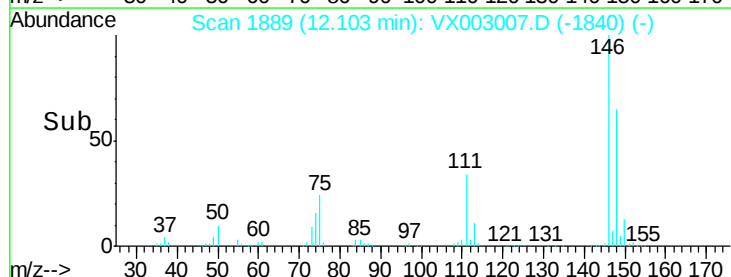
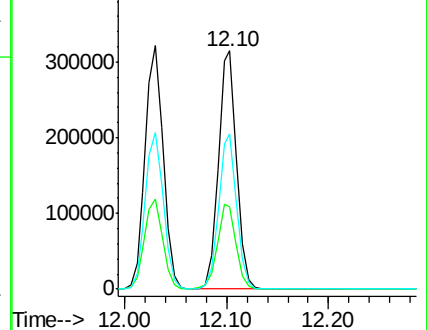
148 64.4 32.4 97.0

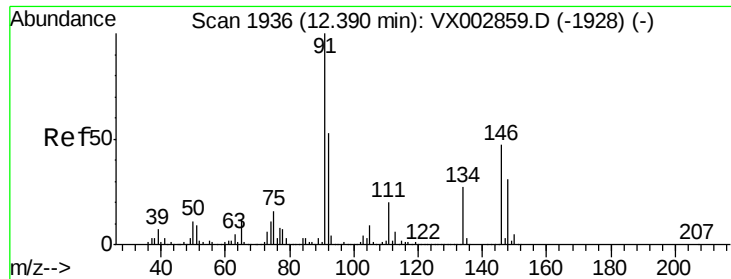


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

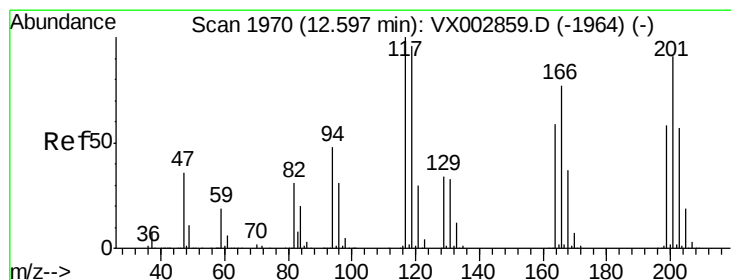
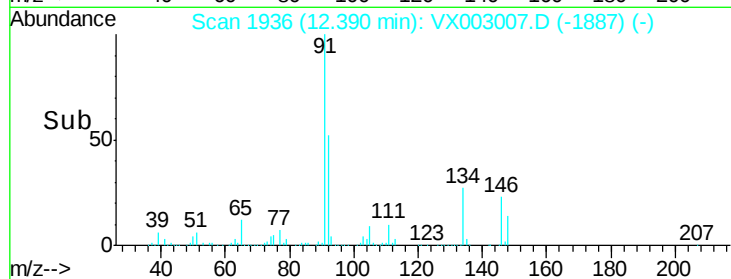
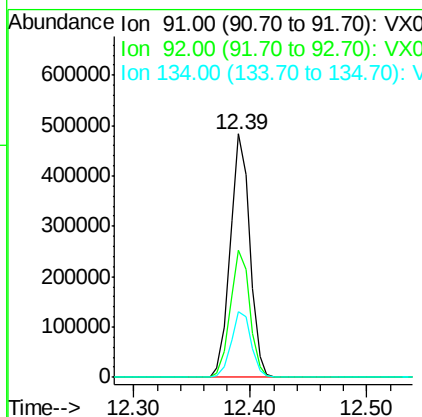
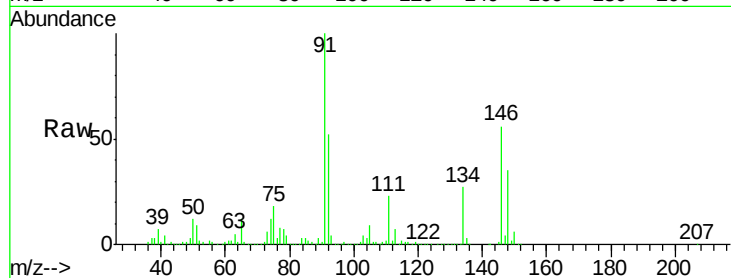




#89
n-Butylbenzene
Concen: 47.21 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

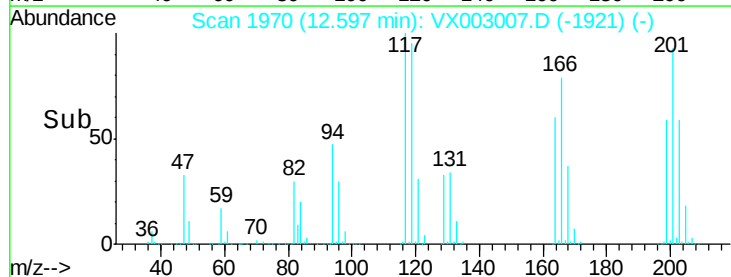
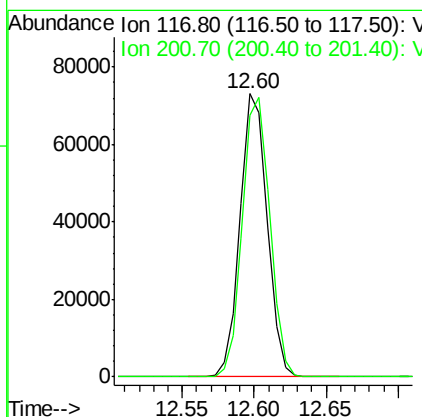
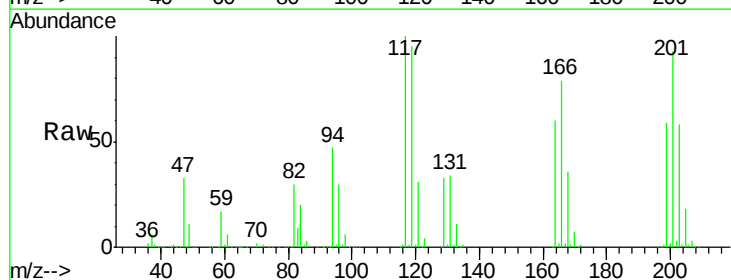
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

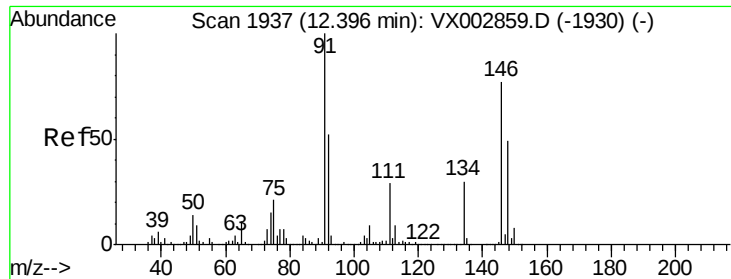
Tot Ion: 91 Resp: 565200
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 27.8 13.5 40.5



#90
Hexachloroethane
Concen: 46.65 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 117 Resp: 95451
Ion Ratio Lower Upper
117 100
201 100.0 49.0 147.0

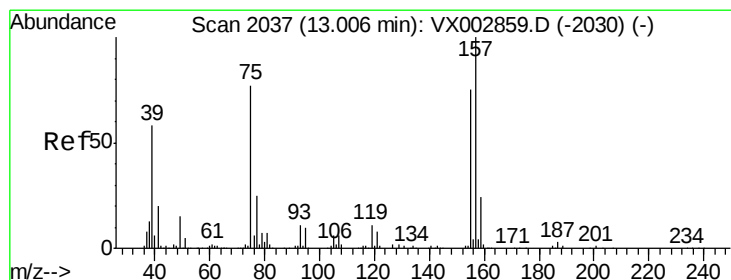
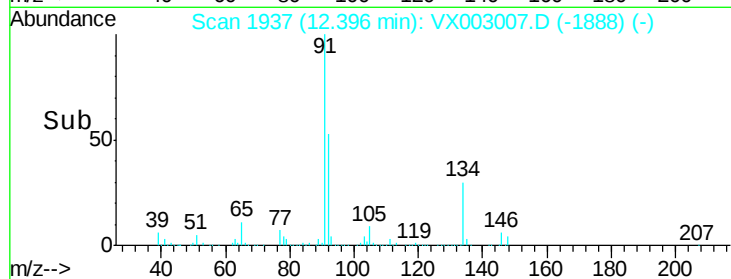
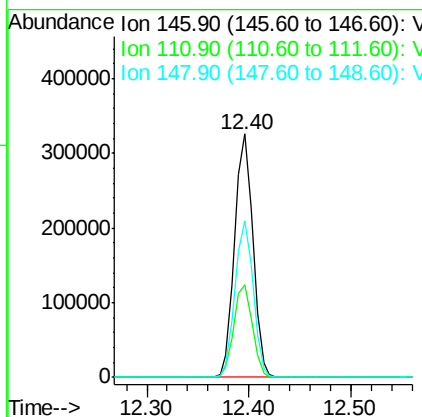
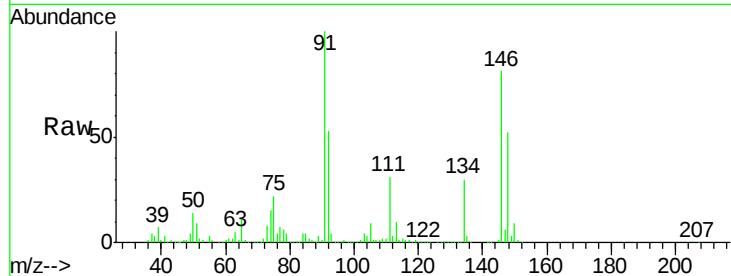




#91
 1,2-Dichlorobenzene
 Concen: 50.22 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

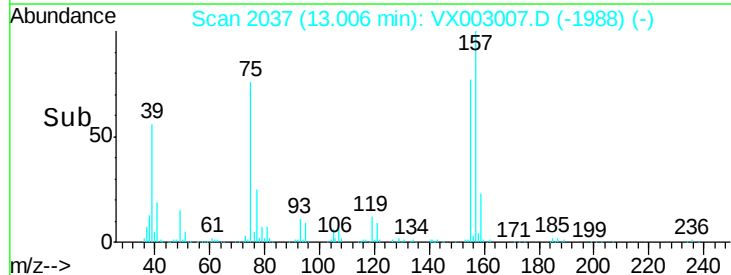
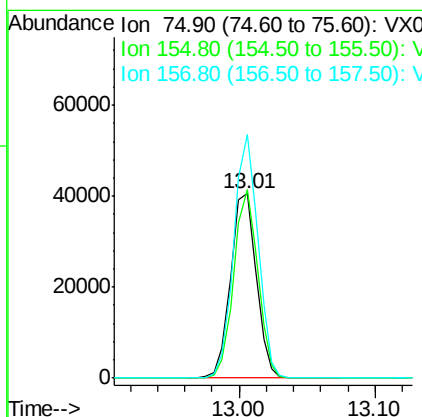
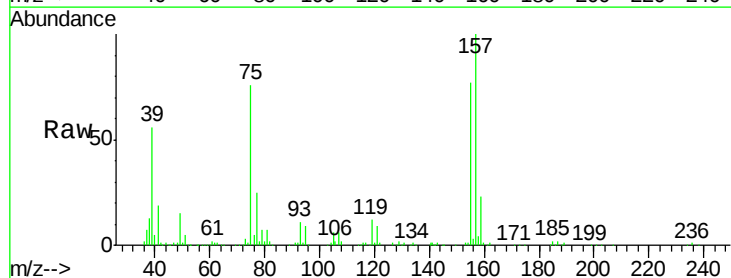
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

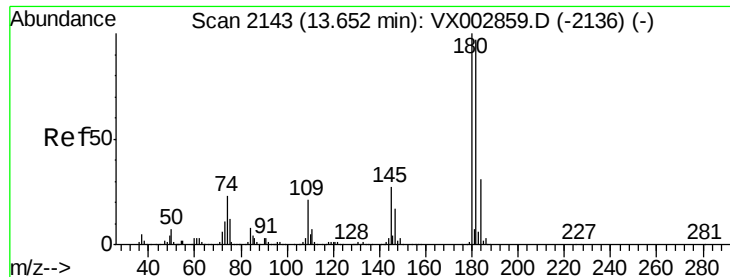
Tot Ion:146 Resp: 400561
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 63.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.95 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion: 75 Resp: 53606
 Ion Ratio Lower Upper
 75 100
 155 95.5 45.8 137.4
 157 123.9 60.1 180.3

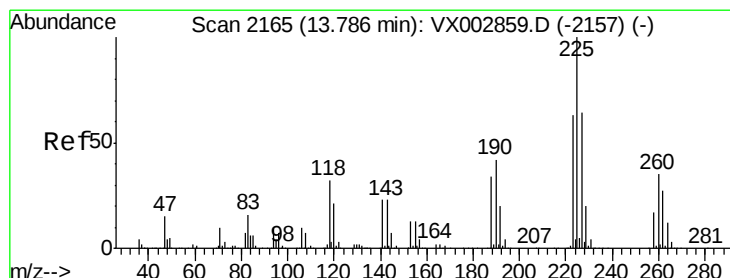
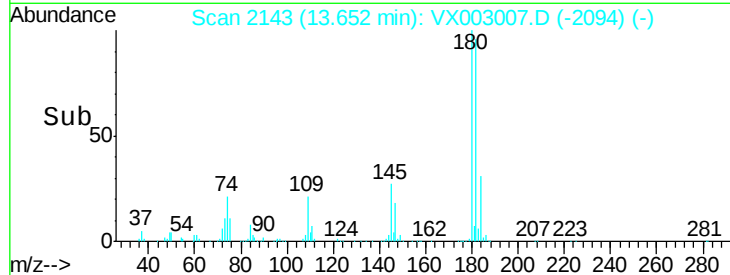
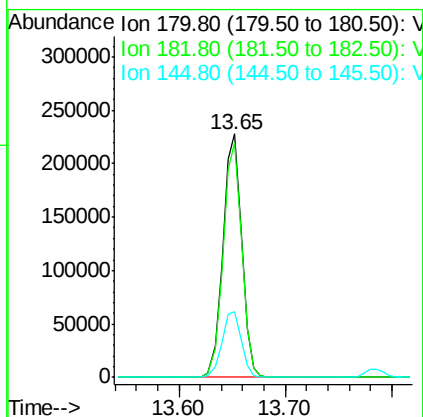
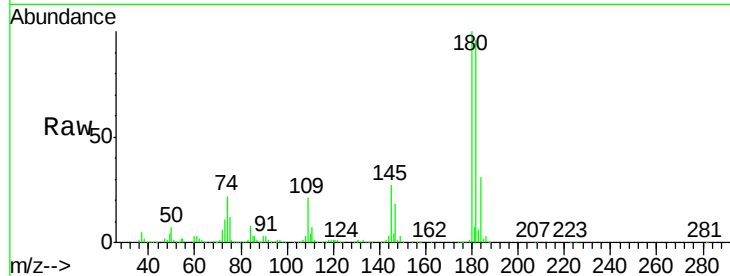




#93
 1,2,4-Trichlorobenzene
 Concen: 48.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

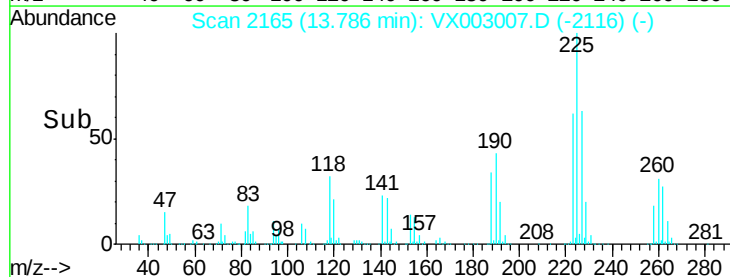
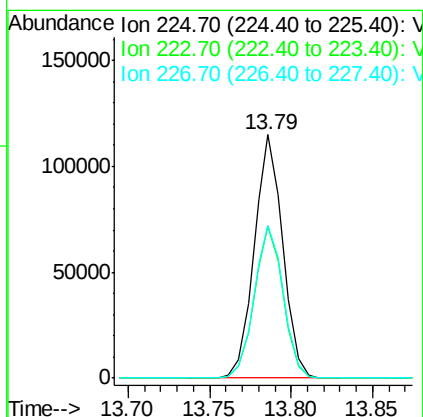
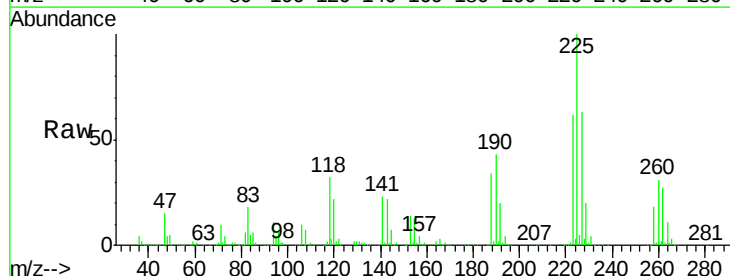
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

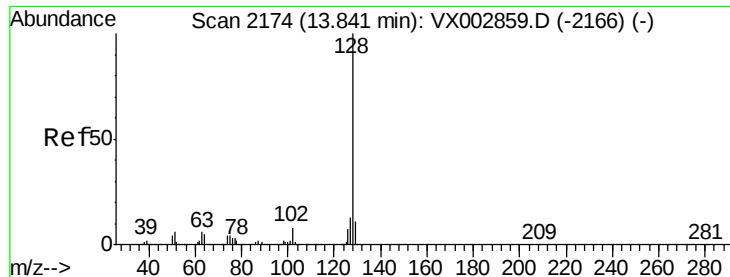
Tot Ion:180 Resp: 280608
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 47.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion:225 Resp: 138516
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.1 32.4 97.2





#95

Naphthalene

Concen: 54.08 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

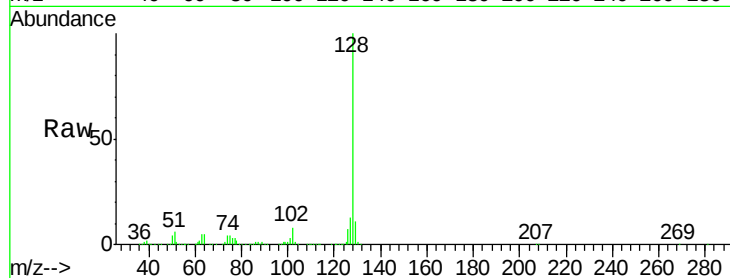
Tot Ion:128 Resp: 836153

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

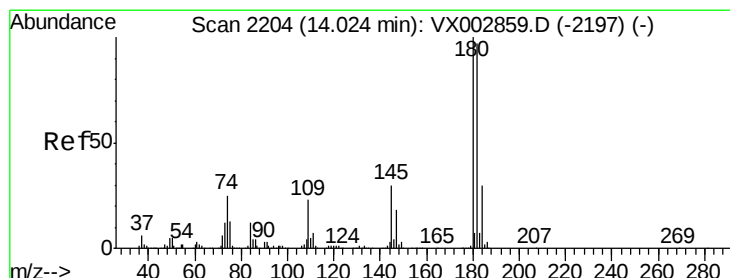
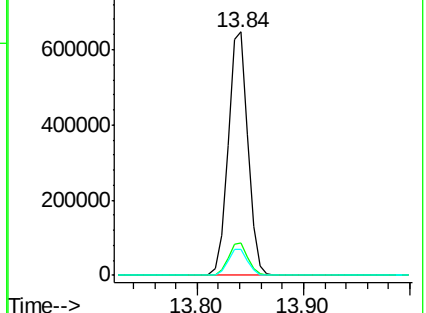
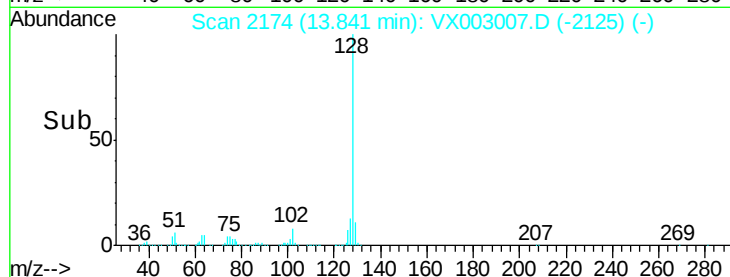
129 10.9 8.6 13.0



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: 49.84 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

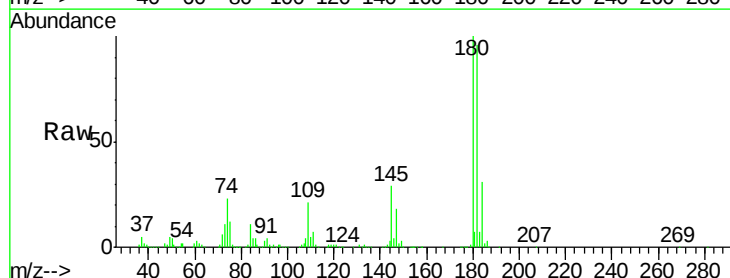
Tgt Ion:180 Resp: 288972

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.0

145 29.4 14.8 44.3



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

