

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
 Data File : VX000865.D
 Acq On : 14 Apr 2018 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 16 05:47:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225987	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152927	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	5.51	113	130472	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.72	98	485109	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.15	95	198386	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	152724	51.04	ug/l	99
3) Chloromethane	1.32	50	123833	48.27	ug/l	99
4) Vinyl Chloride	1.40	62	146964	50.93	ug/l	99
5) Bromomethane	1.64	94	61408	51.45	ug/l	95
6) Chloroethane	1.72	64	86136	49.25	ug/l	98
7) Trichlorofluoromethane	1.93	101	221967	50.98	ug/l	98
8) Diethyl Ether	2.19	74	83698	51.46	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135614	52.82	ug/l	99
10) Methyl Iodide	2.51	142	98176	49.28	ug/l	100
11) Tert butyl alcohol	3.07	59	148386	250.04	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122514	50.36	ug/l	96
13) Acrolein	2.30	56	54583	189.40	ug/l	98
14) Allyl chloride	2.73	41	226290	50.30	ug/l	98
15) Acrylonitrile	3.15	53	339333	268.20	ug/l	100
16) Acetone	2.45	43	296439	257.18	ug/l	99
17) Carbon Disulfide	2.57	76	331831	45.04	ug/l	99
18) Methyl Acetate	2.78	43	168191	56.39	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	419016	51.70	ug/l	98
20) Methylene Chloride	2.86	84	131617	49.09	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	132773	49.49	ug/l	99
22) Diisopropyl ether	3.88	45	422493	51.10	ug/l	99
23) Vinyl Acetate	3.83	43	1819980	250.72	ug/l	99
24) 1,1-Dichloroethane	3.70	63	237074	51.10	ug/l	99
25) 2-Butanone	4.71	43	503920	264.74	ug/l	99
26) 2,2-Dichloropropane	4.59	77	226043	49.09	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	157123	51.60	ug/l	99
28) Bromochloromethane	5.03	49	87504	46.84	ug/l	100
29) Tetrahydrofuran	5.17	42	314438	260.17	ug/l	99
30) Chloroform	5.22	83	256157	52.15	ug/l	100
31) Cyclohexane	5.58	56	221373	50.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	235984	50.43	ug/l	100
36) 1,1-Dichloropropene	5.81	75	196561	51.57	ug/l	99
37) Ethyl Acetate	4.87	43	196102	52.71	ug/l	100
38) Carbon Tetrachloride	5.79	117	213953	50.15	ug/l	99

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Quant Time: Apr 16 05:47:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242557	53.00	ug/l	99
40) Benzene	6.15	78	556660	52.57	ug/l	99
41) Methacrylonitrile	5.07	41	114893	53.45	ug/l	100
42) 1,2-Dichloroethane	6.21	62	205698	52.01	ug/l	100
43) Isopropyl Acetate	6.48	43	333119	52.22	ug/l	100
44) Trichloroethene	7.22	130	172737	52.45	ug/l	97
45) 1,2-Dichloropropane	7.52	63	145296	53.88	ug/l	99
46) Dibromomethane	7.67	93	98295	52.28	ug/l	100
47) Bromodichloromethane	7.90	83	195829	51.61	ug/l	98
48) Methyl methacrylate	7.79	41	174653	52.82	ug/l	99
49) 1,4-Dioxane	7.76	88	67616	1017.57	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1031350	275.24	ug/l	99
52) Toluene	8.79	92	371460	52.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239874	52.70	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	229881	51.87	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	148492	53.24	ug/l	99
56) Ethyl methacrylate	9.19	69	228030	53.00	ug/l	98
57) 1,3-Dichloropropane	9.38	76	242401	54.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	668100	332.35	ug/l	100
59) 2-Hexanone	9.51	43	803114	277.63	ug/l	99
60) Dibromochloromethane	9.59	129	172929	51.82	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158822	53.68	ug/l	99
64) Tetrachloroethene	9.34	164	177702	55.11	ug/l	99
65) Chlorobenzene	10.15	112	441553	53.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	163414	52.33	ug/l	99
67) Ethyl Benzene	10.26	91	731088	52.85	ug/l	99
68) m/p-Xylenes	10.37	106	586493	107.43	ug/l	99
69) o-Xylene	10.71	106	281564	53.51	ug/l	100
70) Styrene	10.72	104	474282	53.46	ug/l	99
71) Bromoform	10.87	173	145445	50.31	ug/l	100
73) Isopropylbenzene	11.02	105	767028	53.50	ug/l	100
74) N-amyl acetate	6.48	43	333119	51.60	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	220803	53.07	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	264024	67.74	ug/l	86
77) Bromobenzene	11.26	156	220170	52.40	ug/l	99
78) n-propylbenzene	11.37	91	868068	52.94	ug/l	99
79) 2-Chlorotoluene	11.43	91	509320	52.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	656878	53.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69527	49.07	ug/l	99
82) 4-Chlorotoluene	11.52	91	611969	52.31	ug/l	99
83) tert-Butylbenzene	11.77	119	668350	52.99	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	676193	53.12	ug/l	100
85) sec-Butylbenzene	11.95	105	800248	53.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	742740	53.52	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	414289	53.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	420587	52.77	ug/l	99
89) n-Butylbenzene	12.40	91	668542	54.58	ug/l	100
90) Hexachloroethane	12.60	117	115137	49.03	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	402149	53.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49734	47.71	ug/l	99

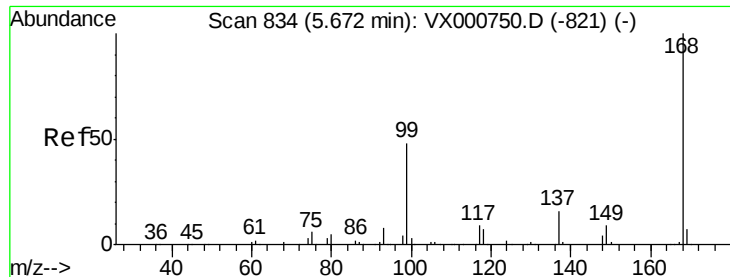
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	347636	54.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	178415	56.64	ug/l	99
95) Naphthalene	13.84	128	891240	54.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	339990	54.64	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. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

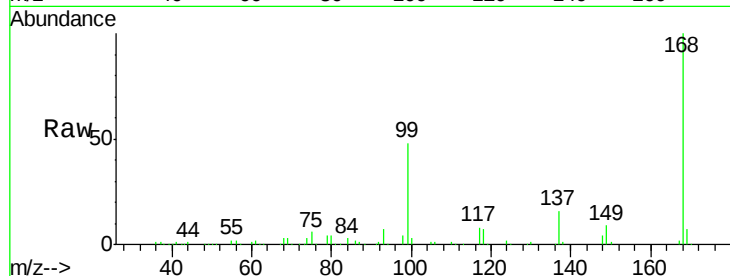
VSTDCCC050

Tgt Ion:168 Resp: 265090

Ion Ratio Lower Upper

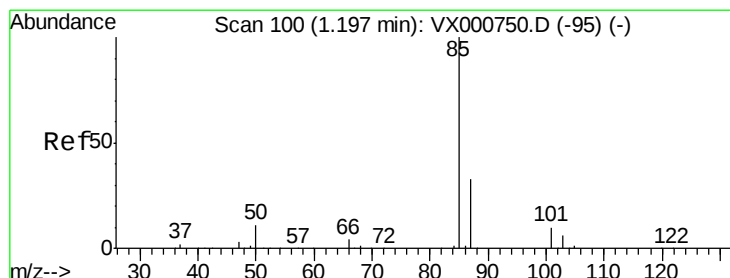
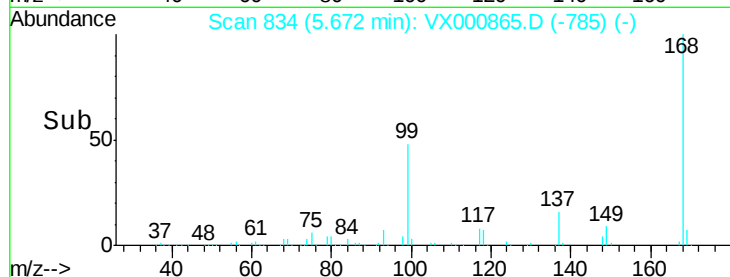
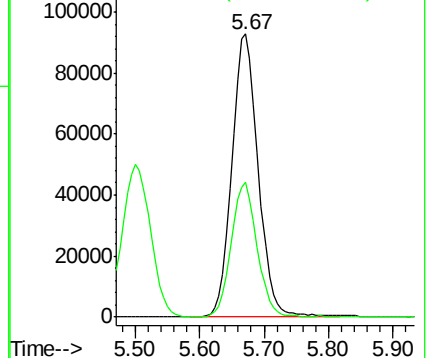
168 100

99 47.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000865.D

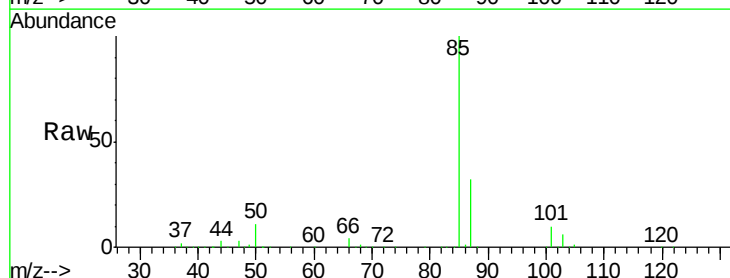
Acq: 14 Apr 2018 10:18

Tgt Ion: 85 Resp: 152724

Ion Ratio Lower Upper

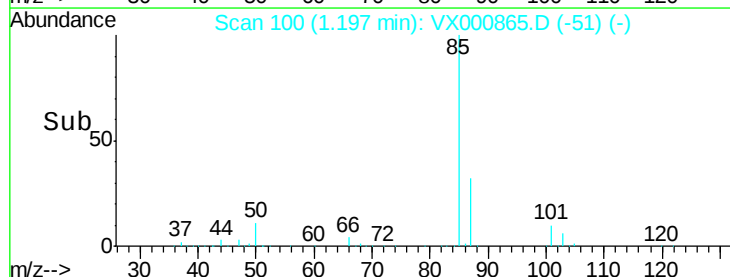
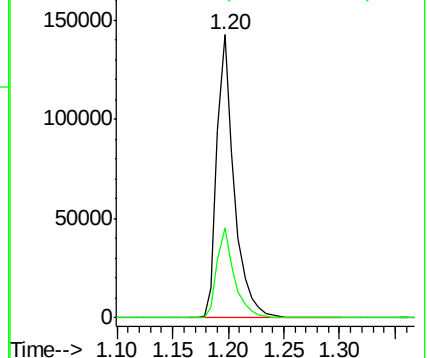
85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

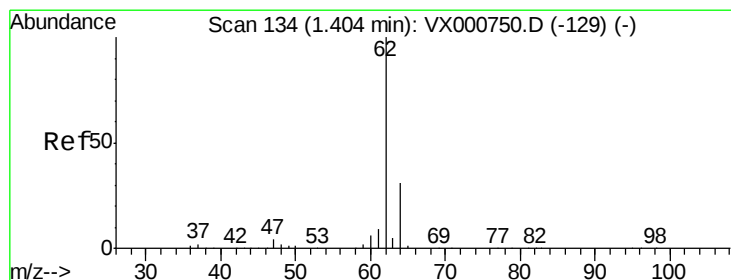
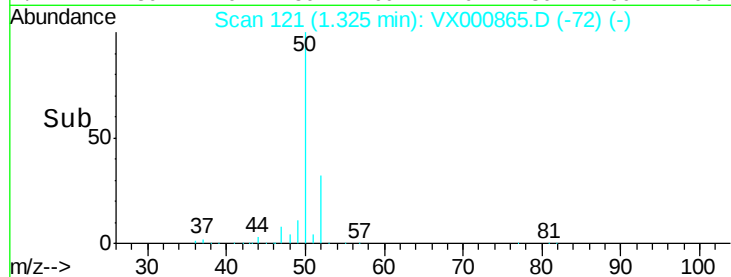
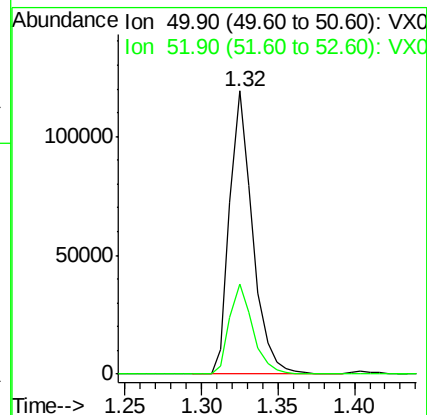
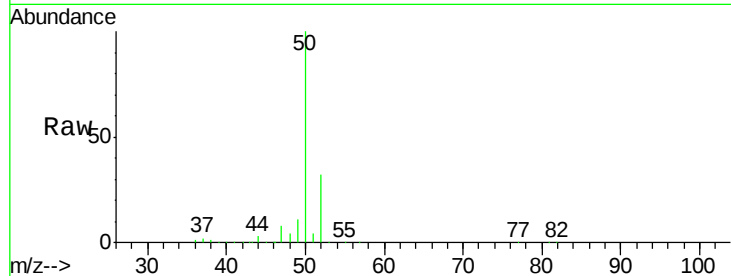
VSTDCCC050

Tgt Ion: 50 Resp: 123833

Ion Ratio Lower Upper

50 100

52 31.9 25.8 38.8



#4

Vinyl Chloride

Concen: 50.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000865.D

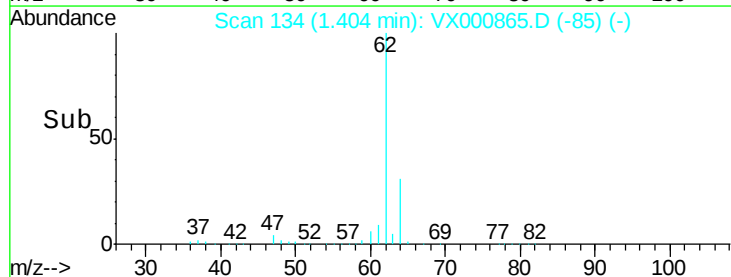
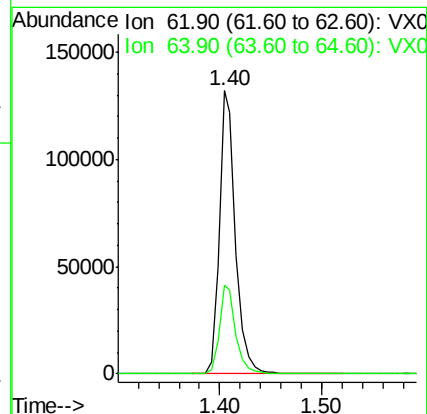
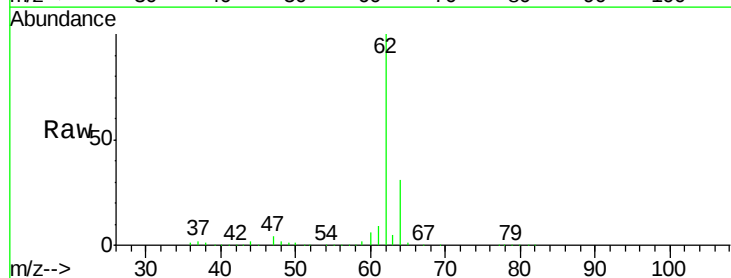
Acq: 14 Apr 2018 10:18

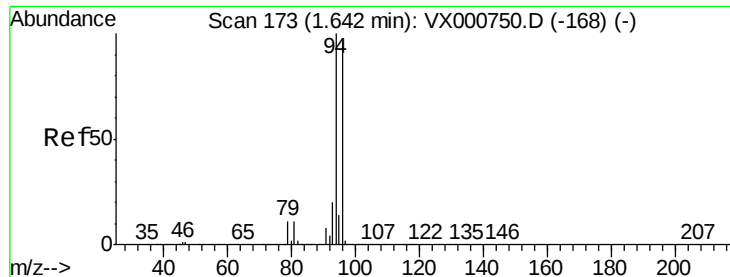
Tgt Ion: 62 Resp: 146964

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 51.45 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

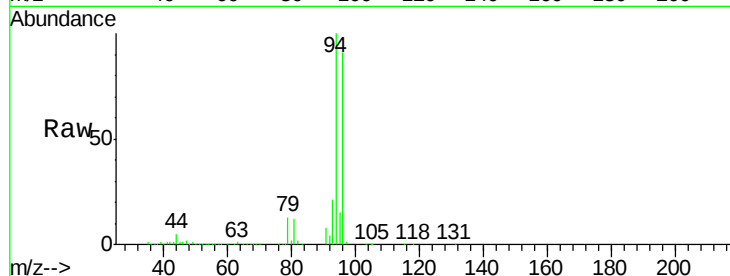
VSTDCCC050

Tgt Ion: 94 Resp: 61408

Ion Ratio Lower Upper

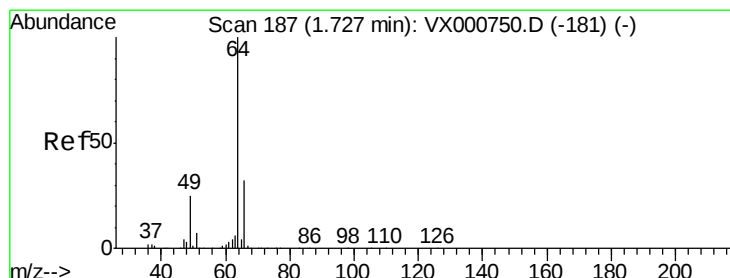
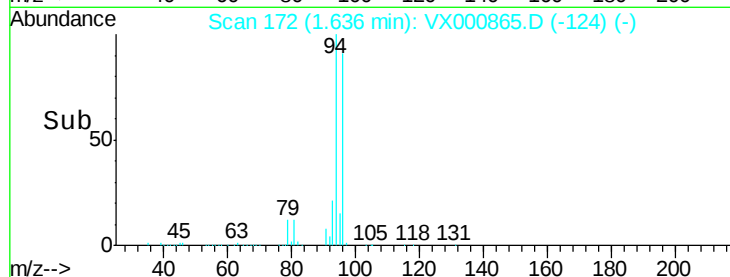
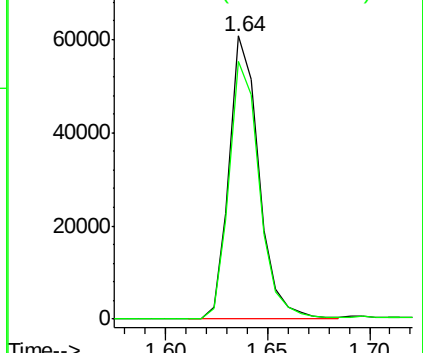
94 100

96 91.1 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.25 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000865.D

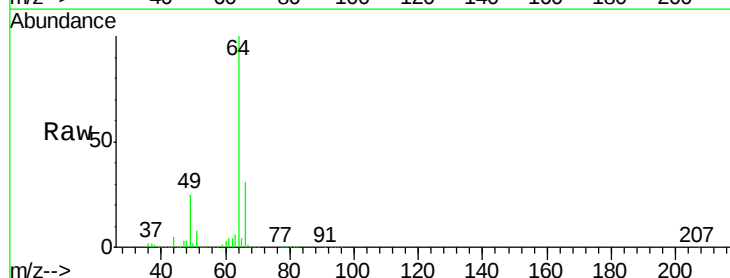
Acq: 14 Apr 2018 10:18

Tgt Ion: 64 Resp: 86136

Ion Ratio Lower Upper

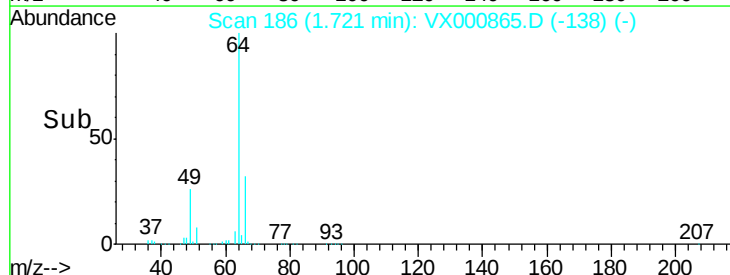
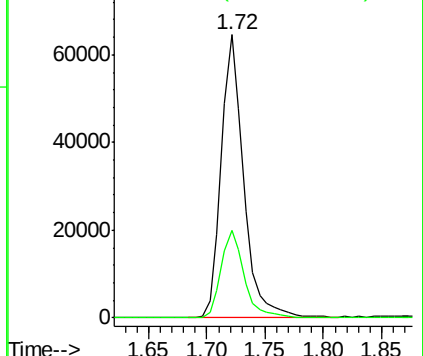
64 100

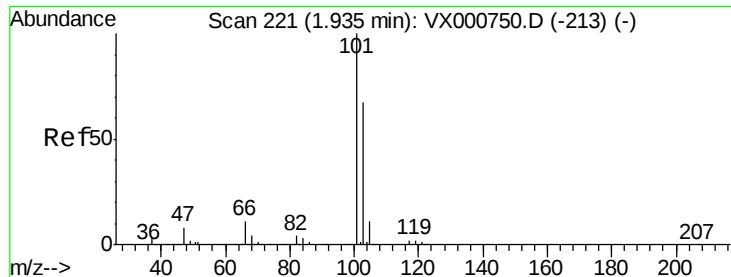
66 30.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 50.98 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

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ClientSampleId :

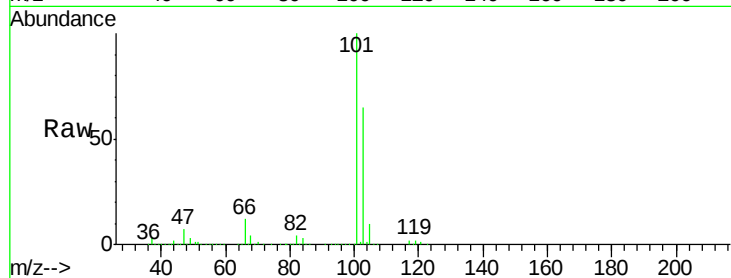
VSTDCCC050

Tgt Ion:101 Resp: 221967

Ion Ratio Lower Upper

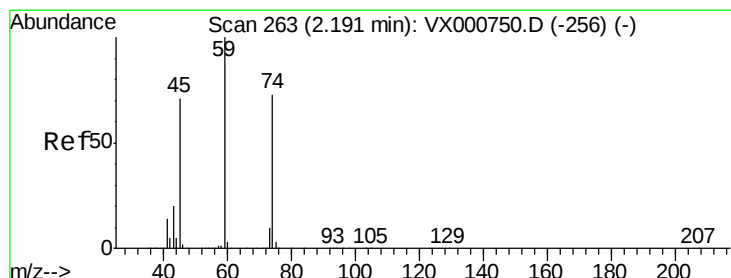
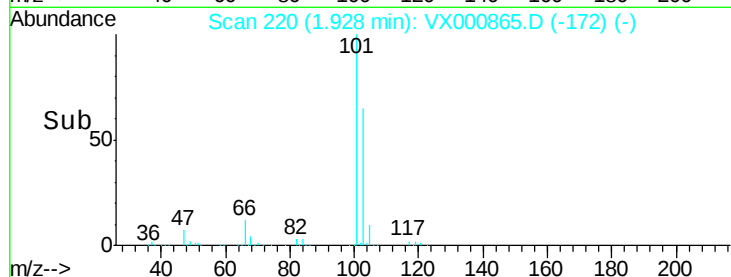
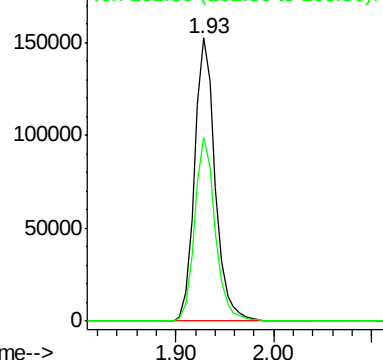
101 100

103 64.8 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.46 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000865.D

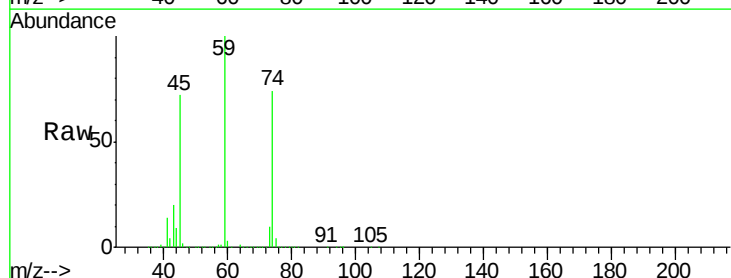
Acq: 14 Apr 2018 10:18

Tgt Ion: 74 Resp: 83698

Ion Ratio Lower Upper

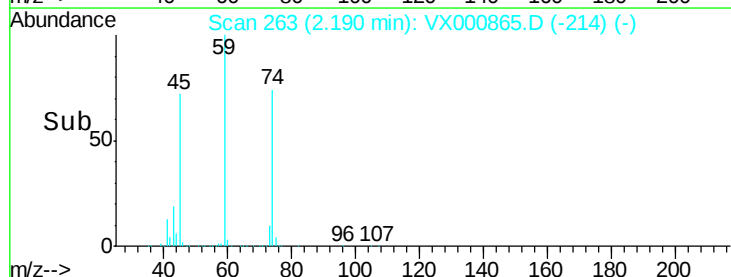
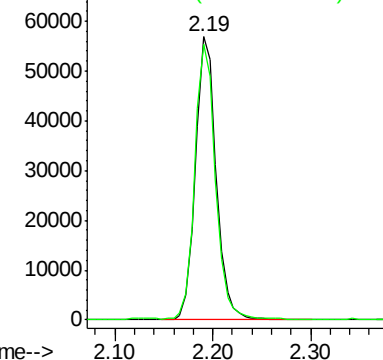
74 100

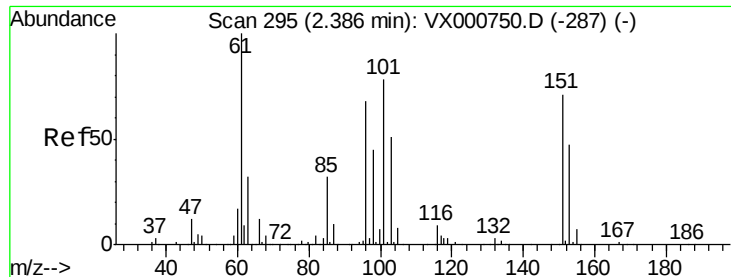
45 97.3 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.82 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000865.D

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ClientSampleId :

VSTDCCC050

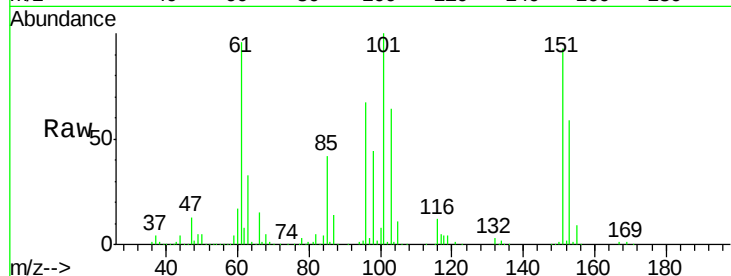
Tgt Ion:101 Resp: 135614

Ion Ratio Lower Upper

101 100

85 42.4 34.0 51.0

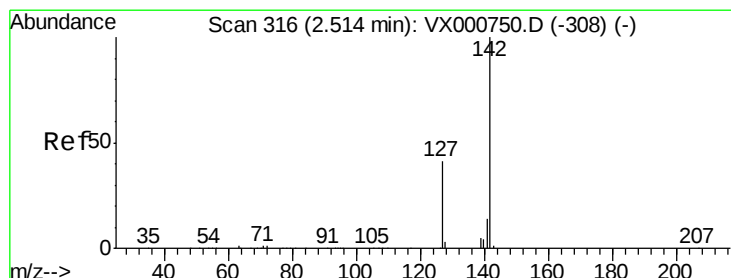
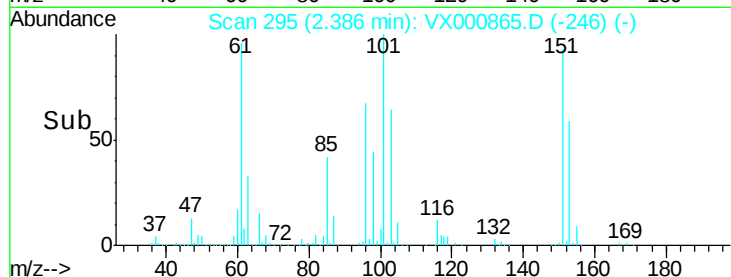
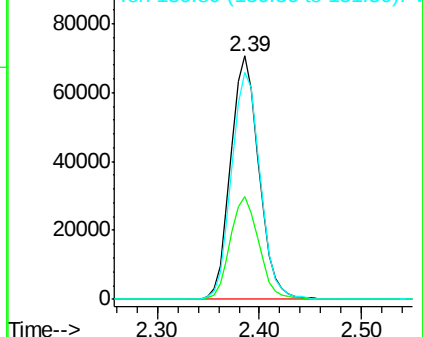
151 94.0 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.28 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

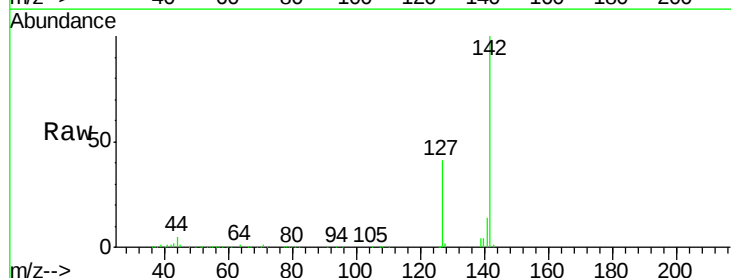
Tgt Ion:142 Resp: 98176

Ion Ratio Lower Upper

142 100

127 40.9 32.6 49.0

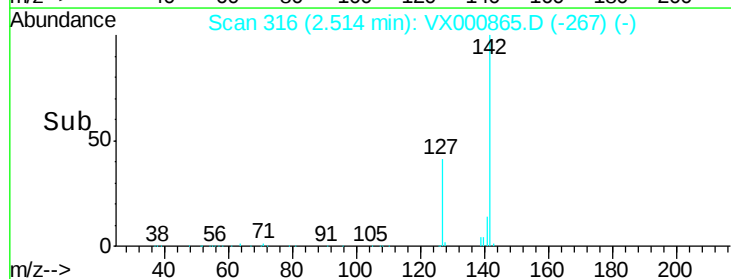
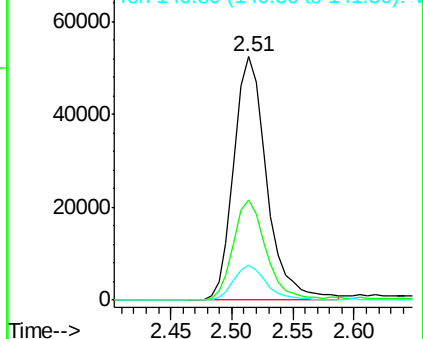
141 14.3 11.5 17.3

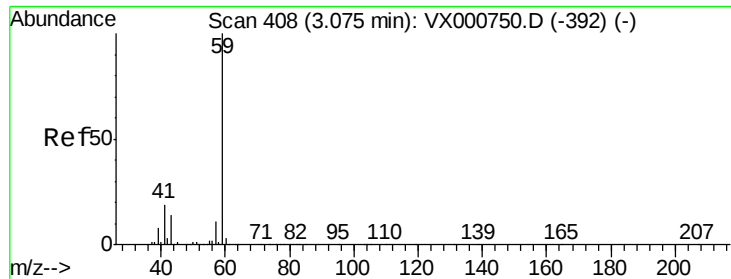


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



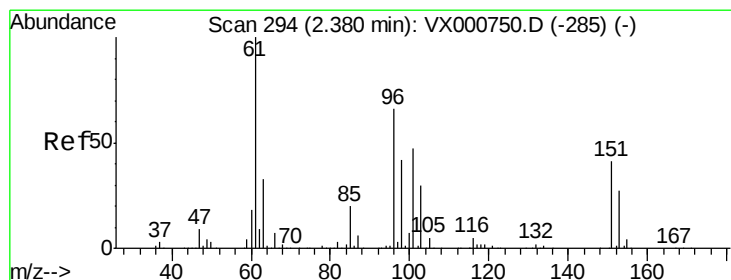
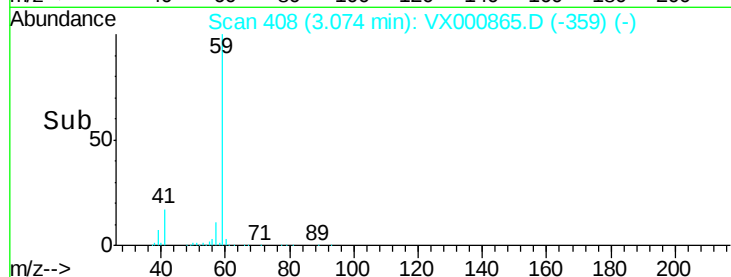
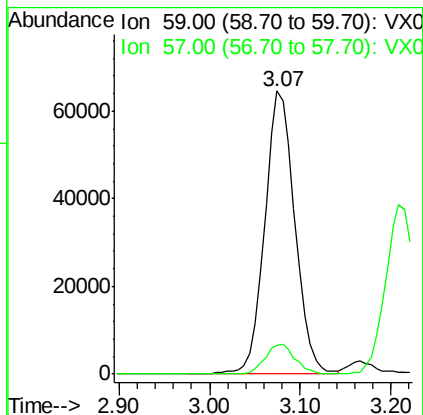
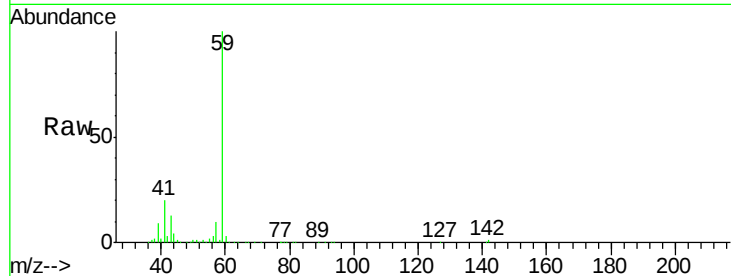


#11

Tert butyl alcohol
 Concen: 250.04 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

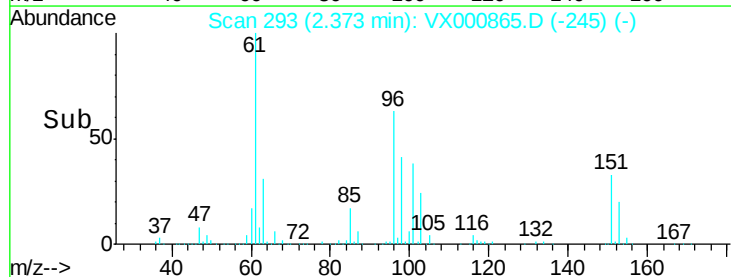
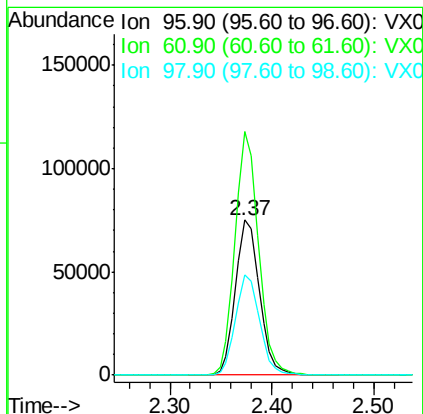
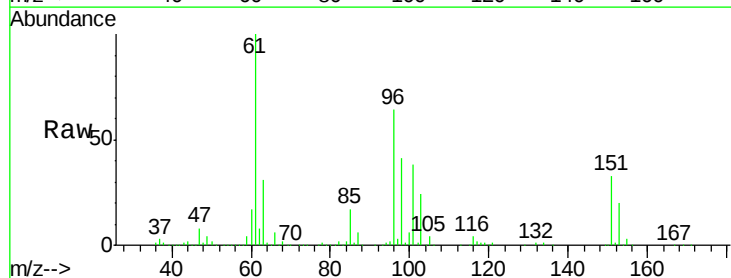
Tgt Ion: 59 Resp: 148386
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

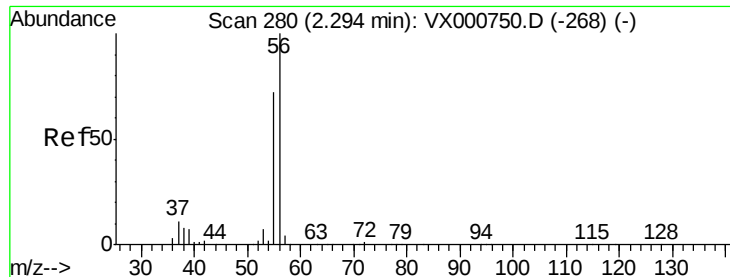


#12

1,1-Dichloroethene
 Concen: 50.36 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion: 96 Resp: 122514
 Ion Ratio Lower Upper
 96 100
 61 157.4 120.5 180.7
 98 64.9 50.9 76.3





#13

Acrolein

Concen: 189.40 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

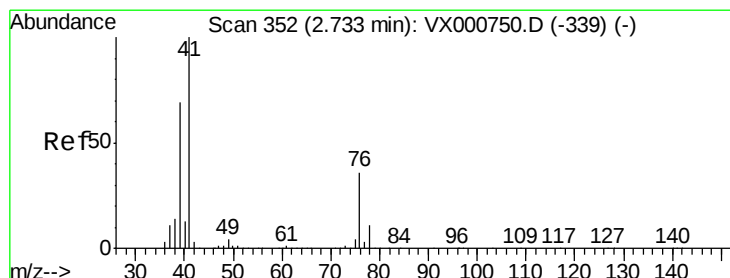
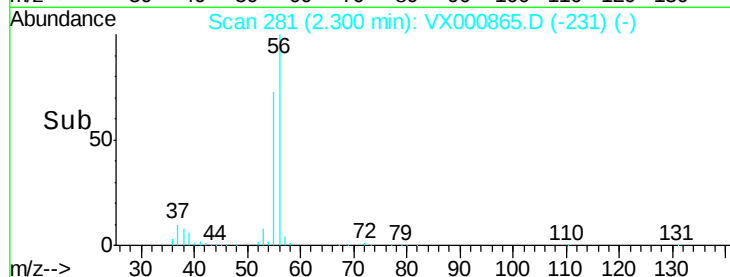
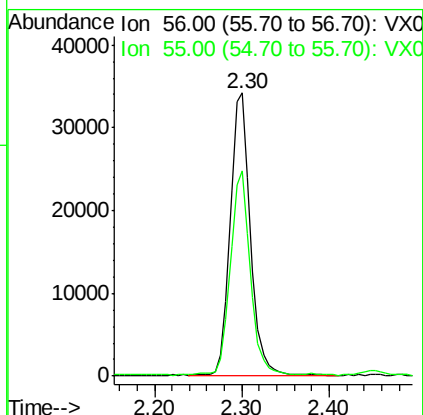
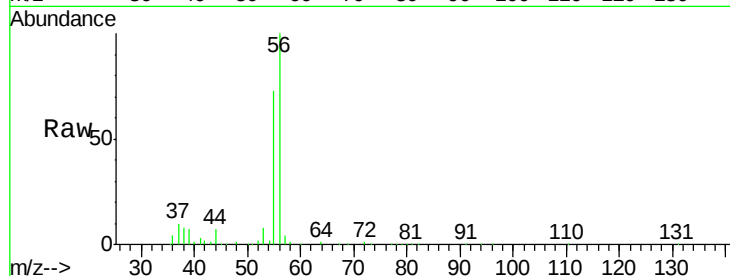
VSTDCCC050

Tgt Ion: 56 Resp: 54583

Ion Ratio Lower Upper

56 100

55 72.1 58.7 88.1



#14

Allyl chloride

Concen: 50.30 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

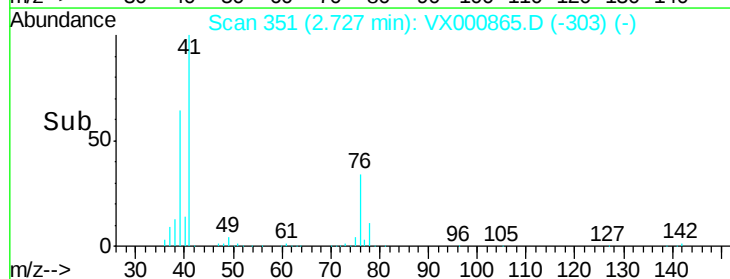
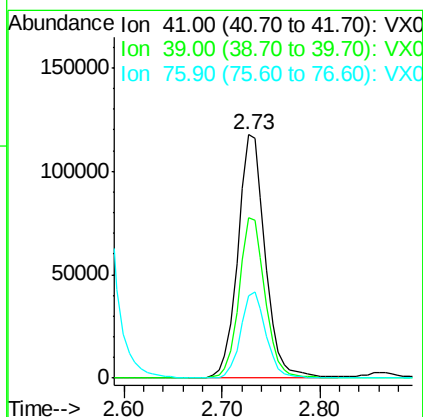
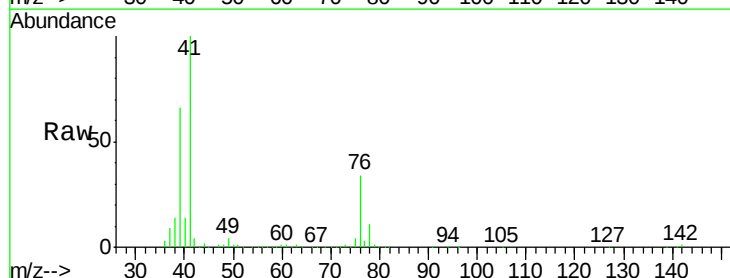
Tgt Ion: 41 Resp: 226290

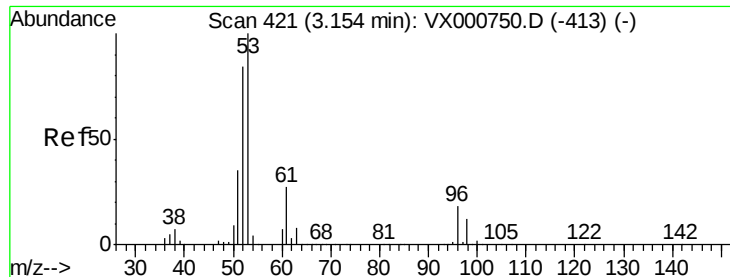
Ion Ratio Lower Upper

41 100

39 62.8 51.5 77.3

76 32.8 26.5 39.7





#15

Acrylonitrile

Concen: 268.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

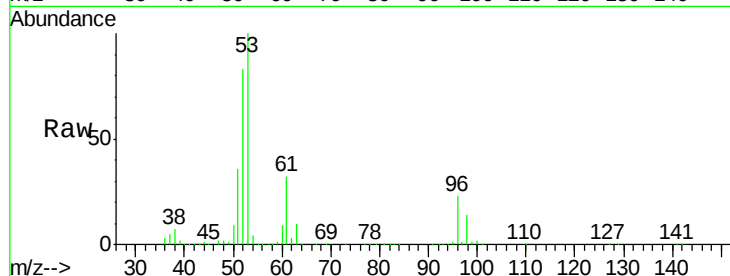
Tgt Ion: 53 Resp: 339333

Ion Ratio Lower Upper

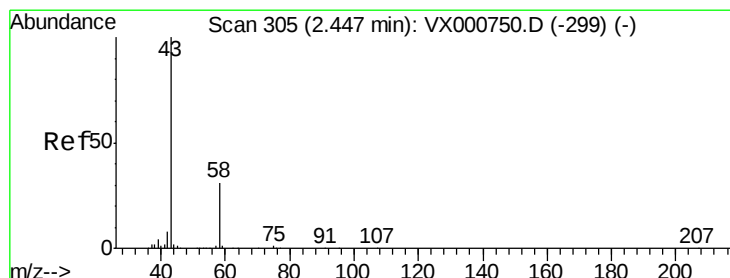
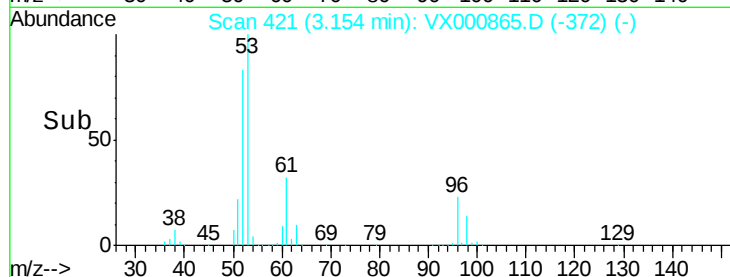
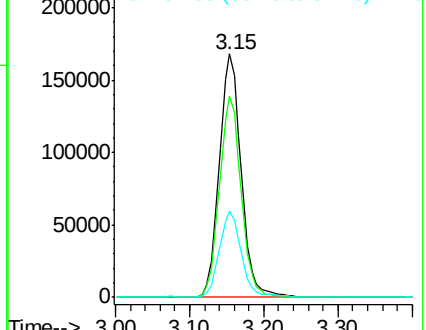
53 100

52 82.5 66.5 99.7

51 36.0 28.8 43.2



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: 257.18 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000865.D

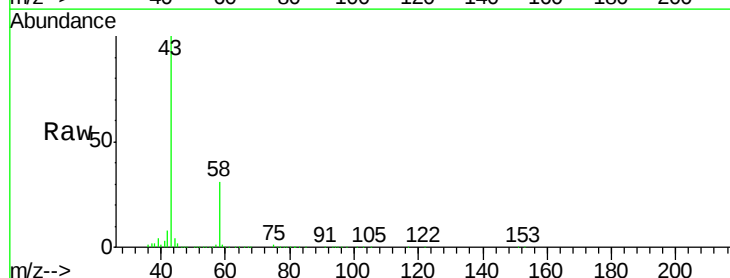
Acq: 14 Apr 2018 10:18

Tgt Ion: 43 Resp: 296439

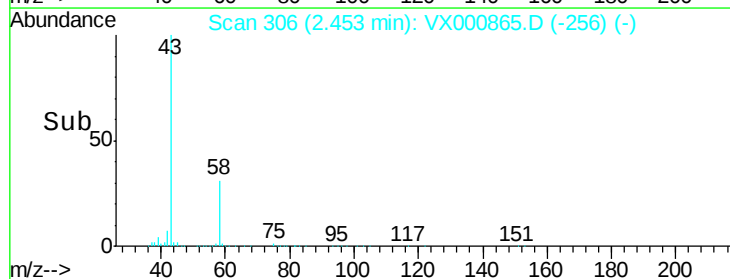
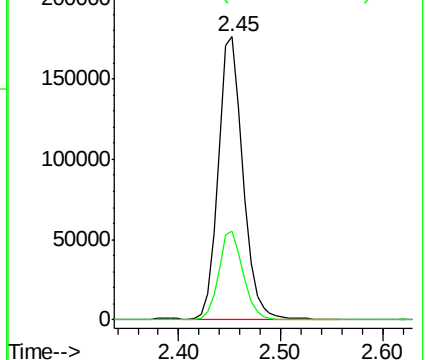
Ion Ratio Lower Upper

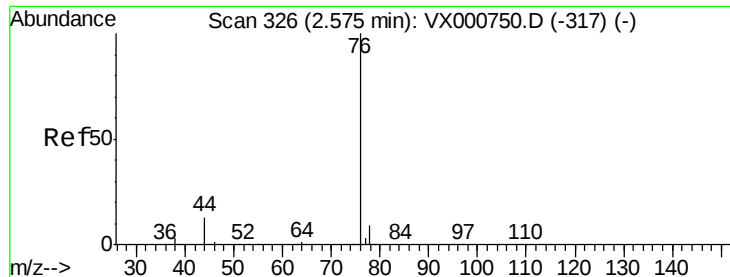
43 100

58 31.3 24.6 37.0



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

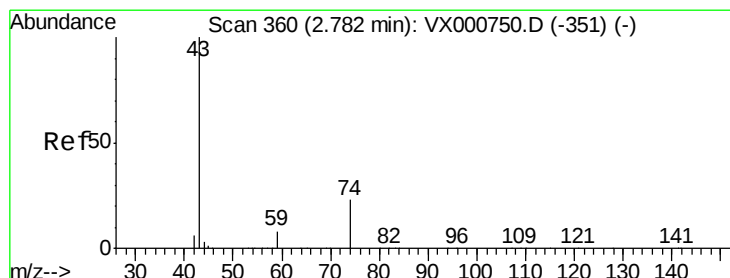
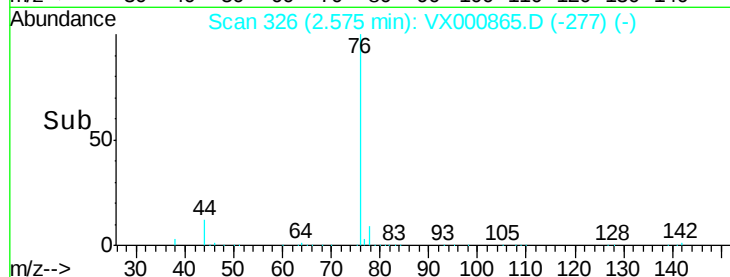
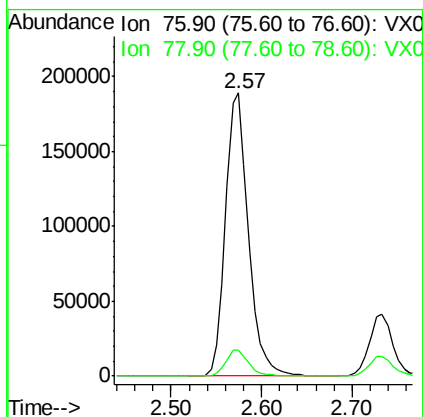
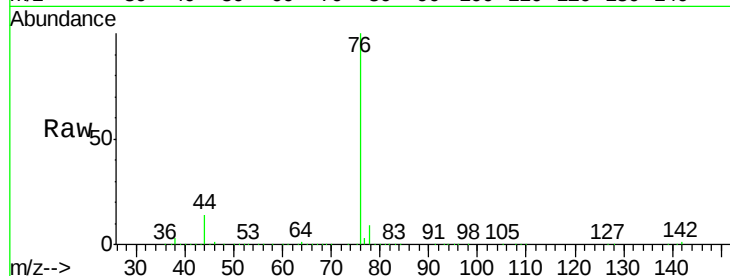




#17
Carbon Disulfide
Concen: 45.04 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

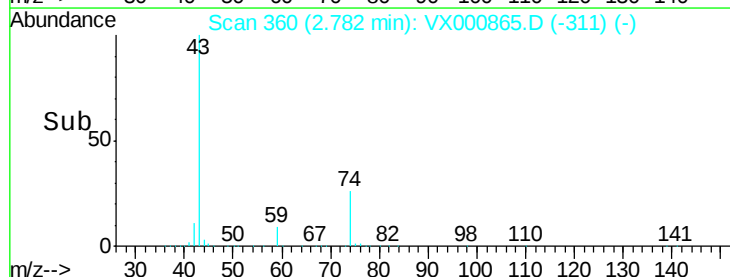
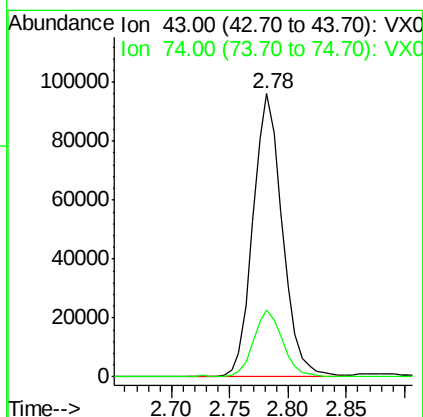
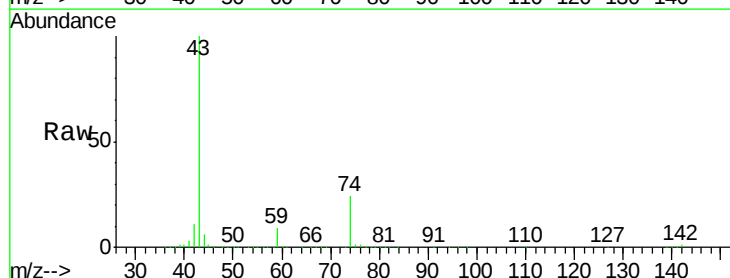
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

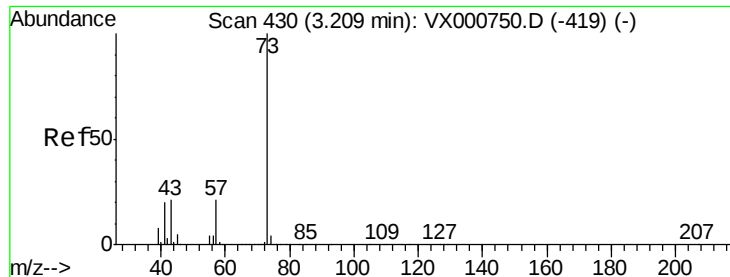
Tgt Ion: 76 Resp: 331831
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 56.39 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion: 43 Resp: 168191
Ion Ratio Lower Upper
43 100
74 23.3 19.1 28.7

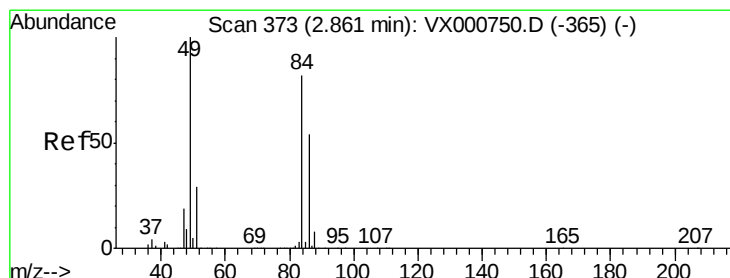
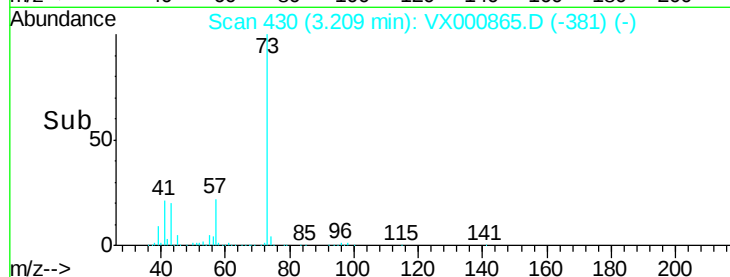
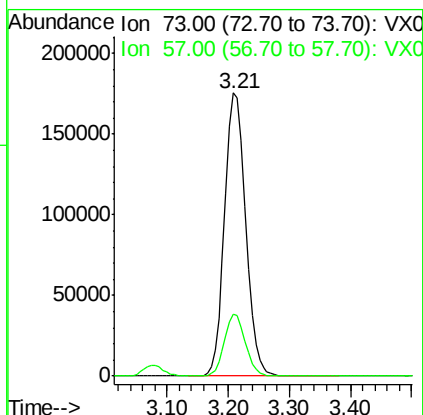
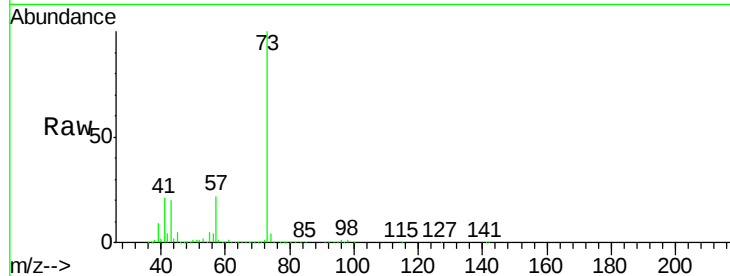




#19
Methyl tert-butyl Ether
Concen: 51.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

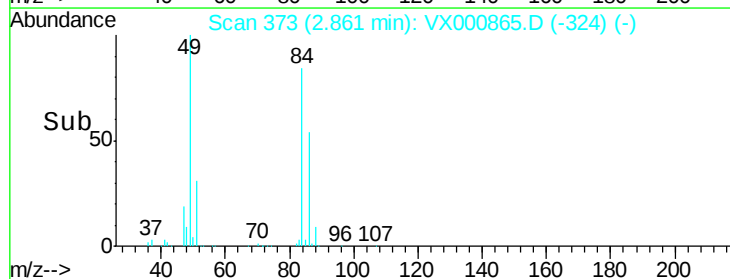
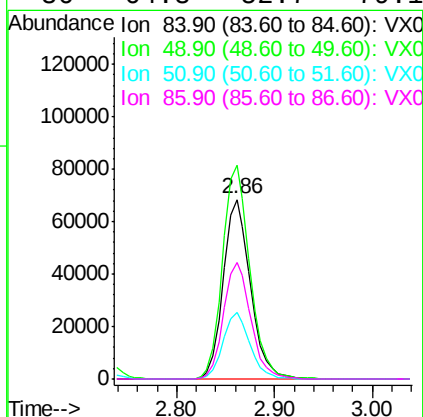
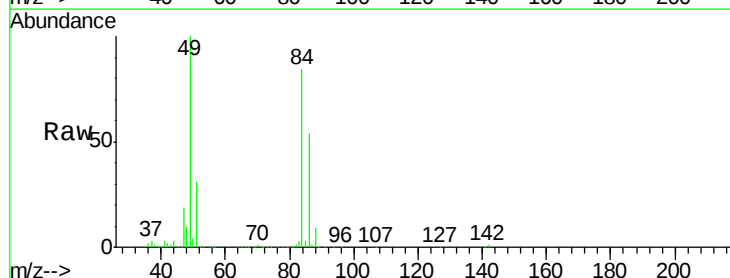
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

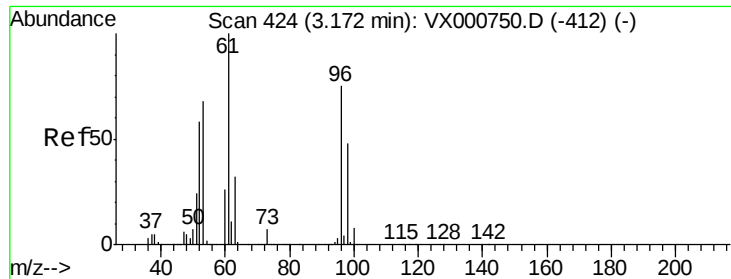
Tgt Ion: 73 Resp: 419016
Ion Ratio Lower Upper
73 100
57 22.1 16.9 25.3



#20
Methylene Chloride
Concen: 49.09 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion: 84 Resp: 131617
Ion Ratio Lower Upper
84 100
49 119.1 98.1 147.1
51 36.9 28.9 43.3
86 64.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.49 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

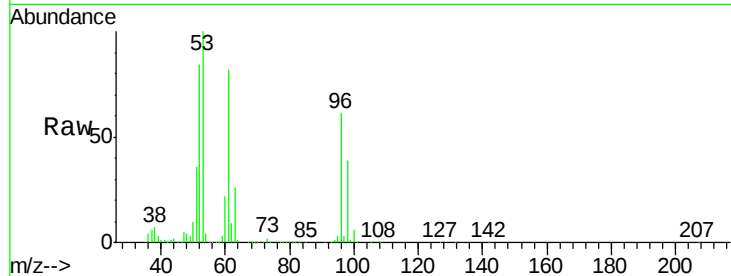
Tgt Ion: 96 Resp: 132773

Ion Ratio Lower Upper

96 100

61 134.8 106.2 159.2

98 64.4 51.2 76.8

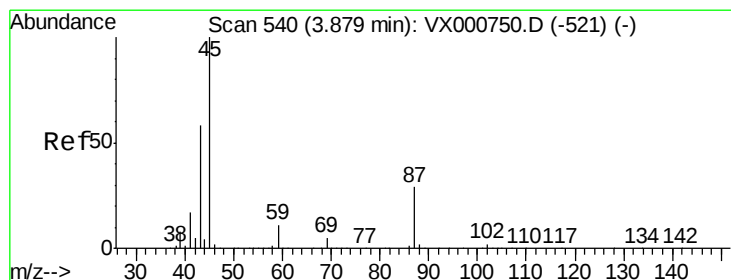
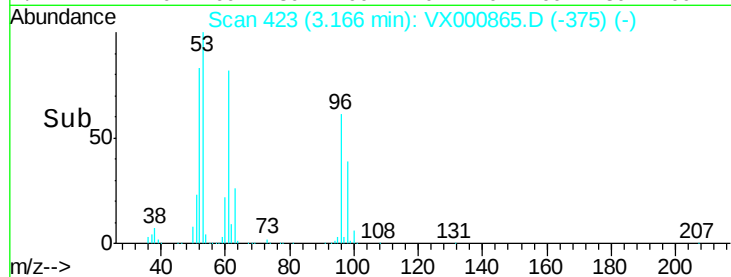
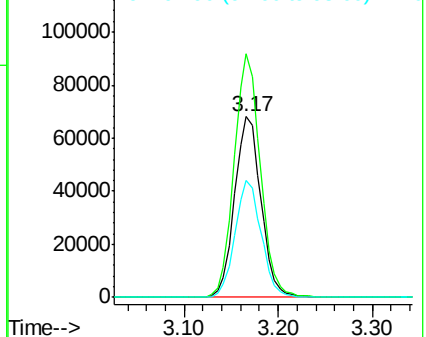


Abundance

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: 51.10 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion: 45 Resp: 422493

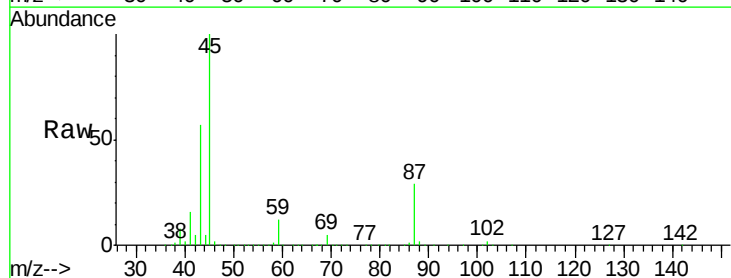
Ion Ratio Lower Upper

45 100

43 57.0 46.6 69.8

87 29.1 22.9 34.3

59 11.9 9.2 13.8



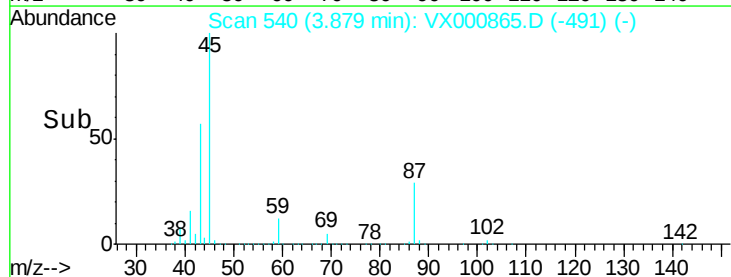
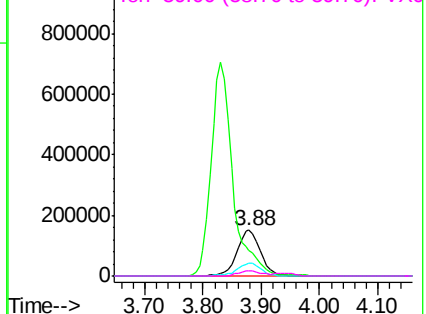
Abundance

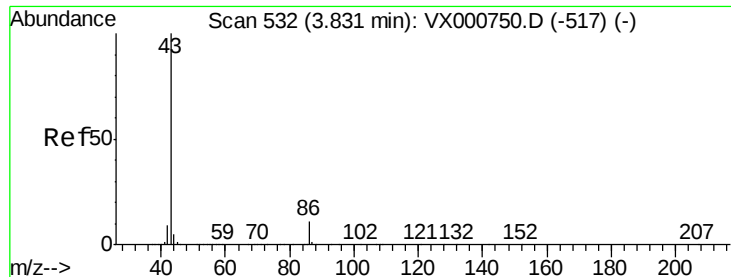
Ion 45.00 (44.70 to 45.70): VX0

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: 250.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

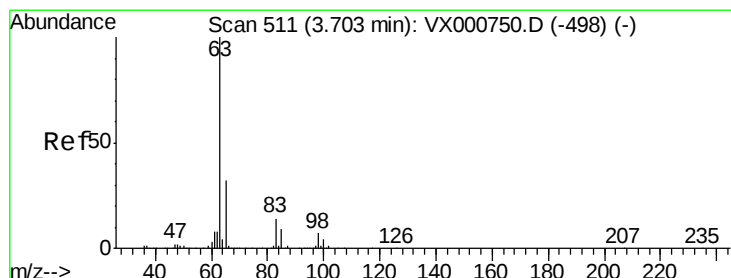
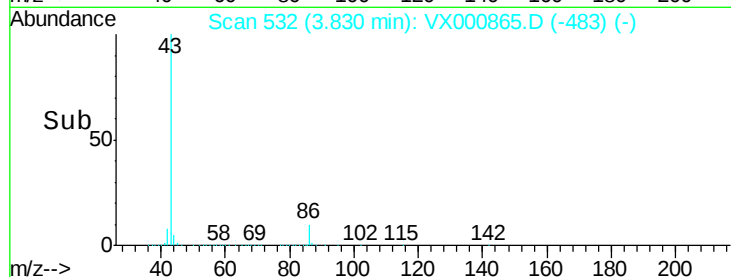
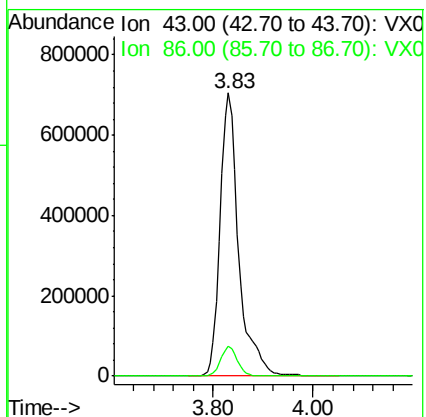
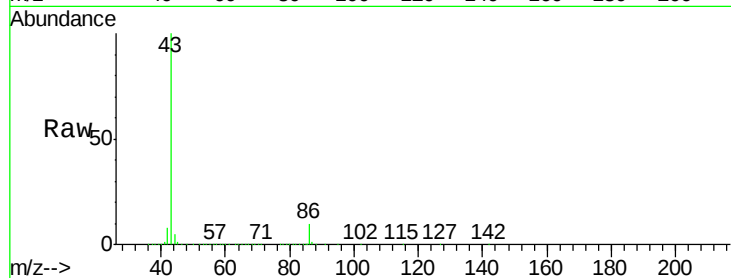
VSTDCCC050

Tgt Ion: 43 Resp: 1819980

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 51.10 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

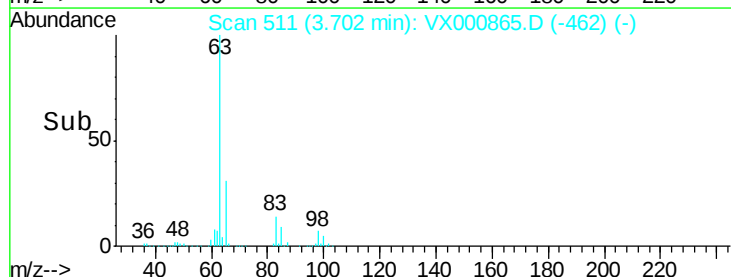
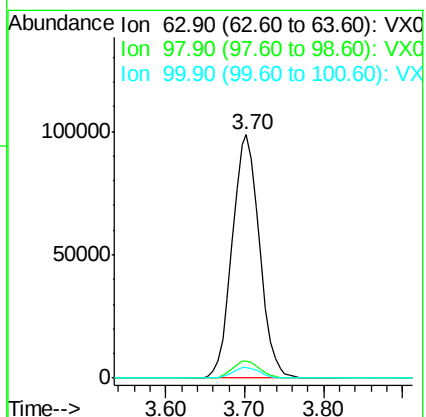
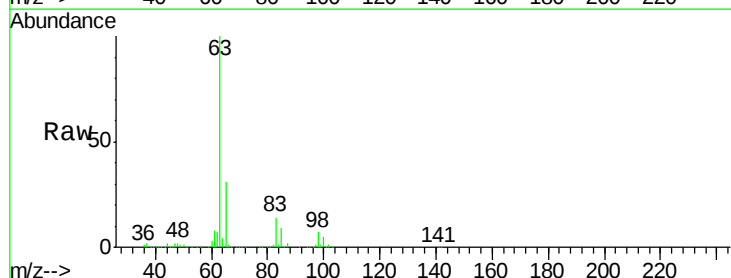
Tgt Ion: 63 Resp: 237074

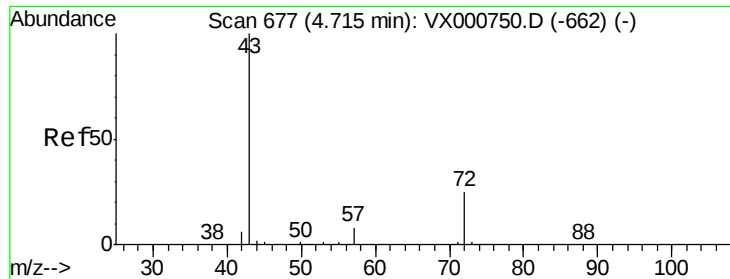
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 264.74 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

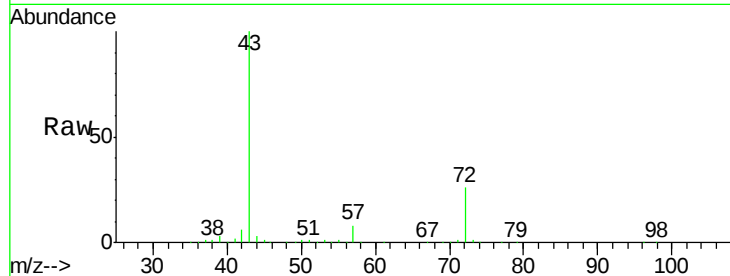
VSTDCCC050

Tgt Ion: 43 Resp: 503920

Ion Ratio Lower Upper

43 100

72 25.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

150000

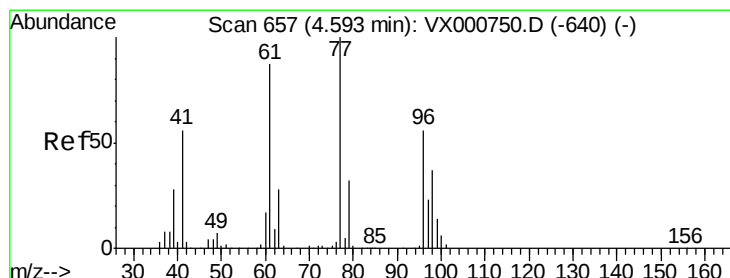
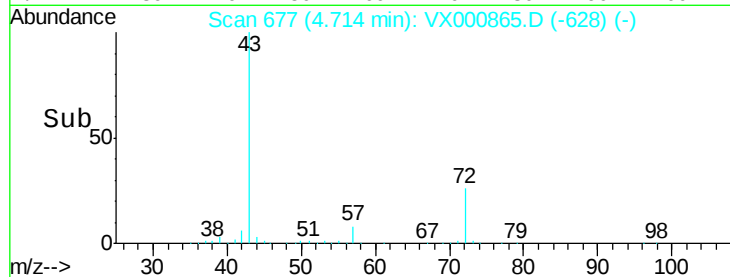
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 49.09 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000865.D

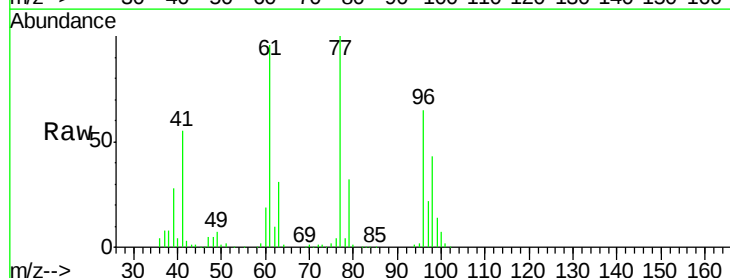
Acq: 14 Apr 2018 10:18

Tgt Ion: 77 Resp: 226043

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

60000

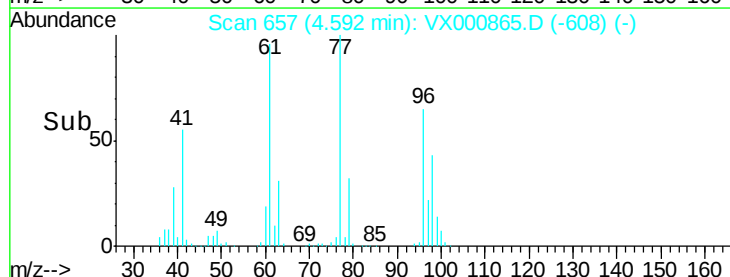
40000

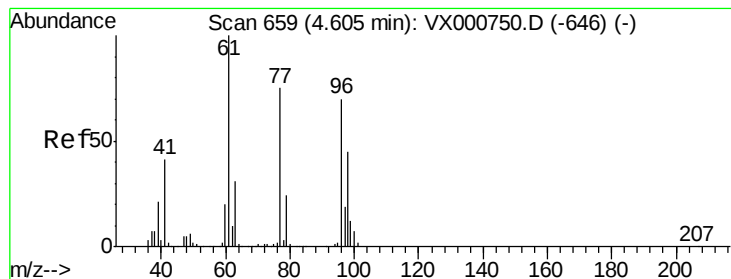
20000

0

Time-->

4.40 4.60 4.80





#27

cis-1,2-Dichloroethene

Concen: 51.60 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

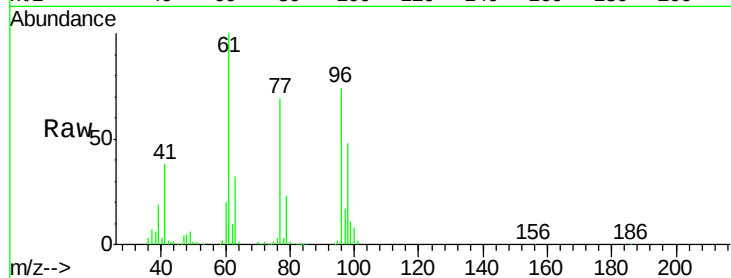
Tgt Ion: 96 Resp: 157123

Ion Ratio Lower Upper

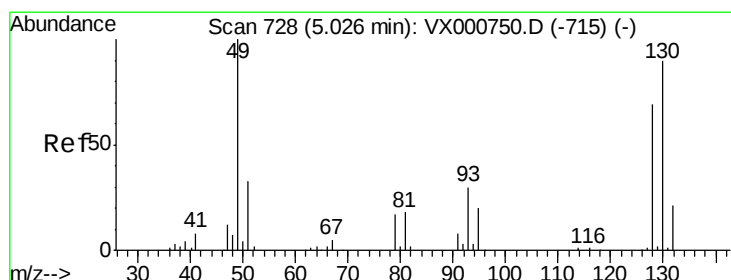
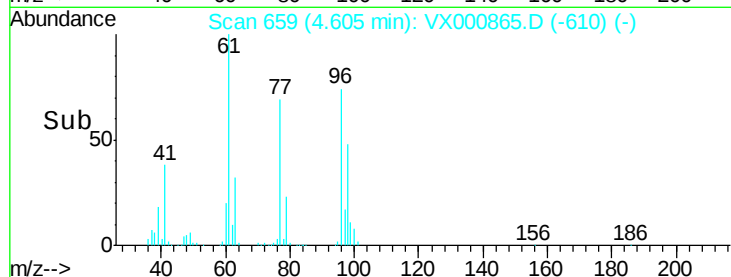
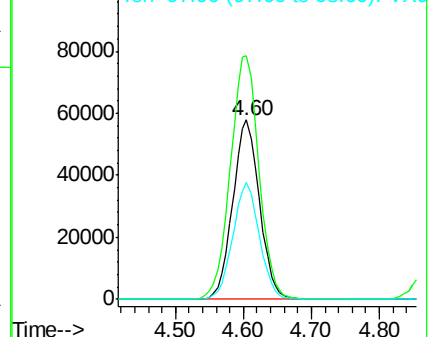
96 100

61 145.1 0.0 292.4

98 65.0 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: 46.84 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

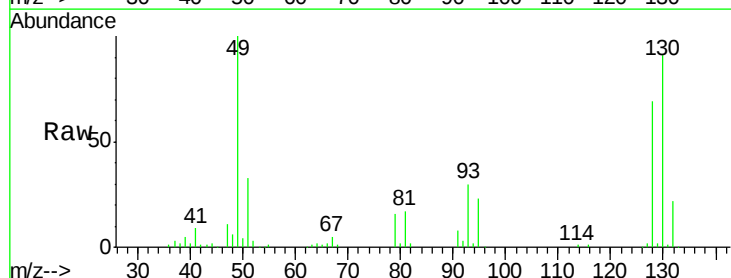
Tgt Ion: 49 Resp: 87504

Ion Ratio Lower Upper

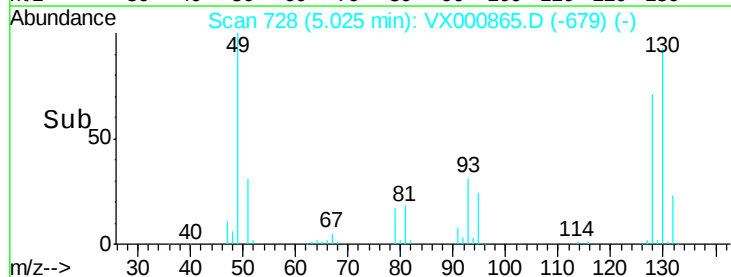
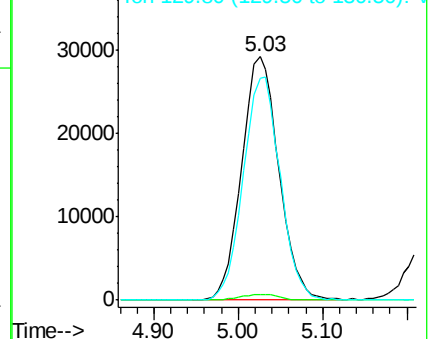
49 100

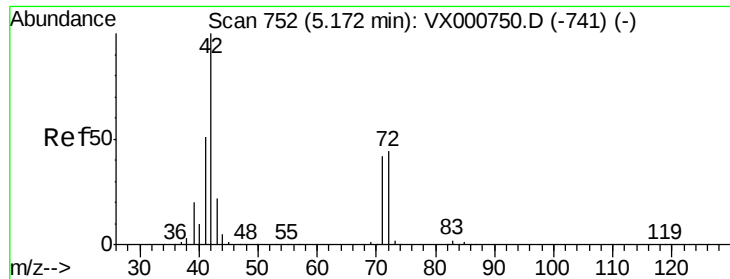
129 2.4 0.0 5.2

130 90.8 72.6 109.0



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





#29

Tetrahydrofuran

Concen: 260.17 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

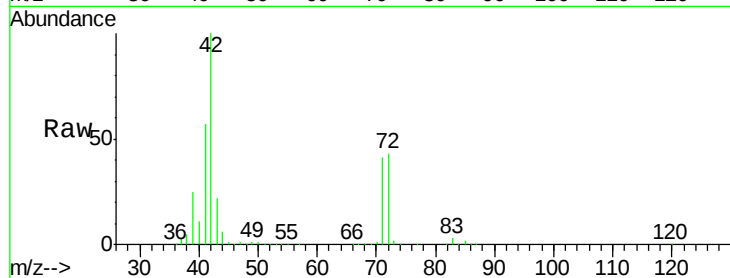
Tgt Ion: 42 Resp: 314438

Ion Ratio Lower Upper

42 100

72 44.5 35.1 52.7

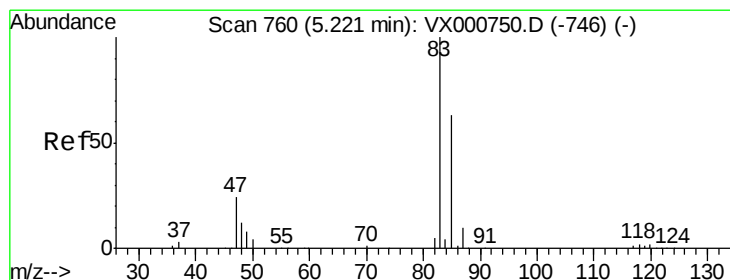
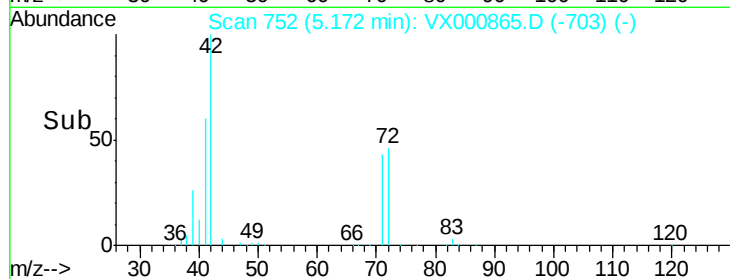
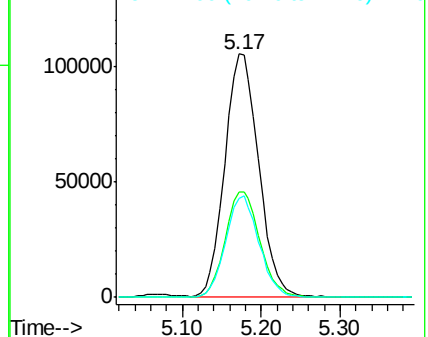
71 41.2 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.15 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000865.D

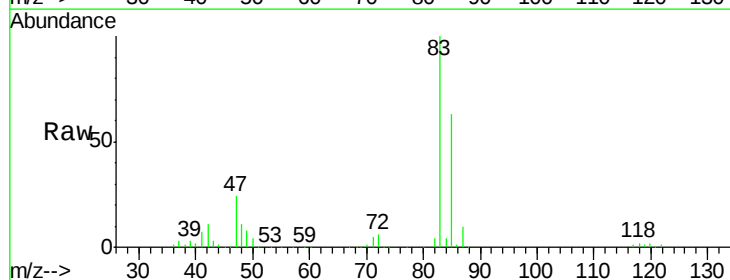
Acq: 14 Apr 2018 10:18

Tgt Ion: 83 Resp: 256157

Ion Ratio Lower Upper

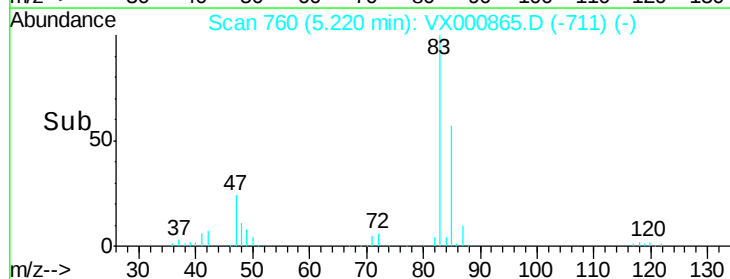
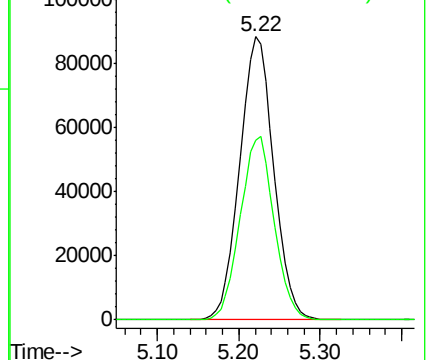
83 100

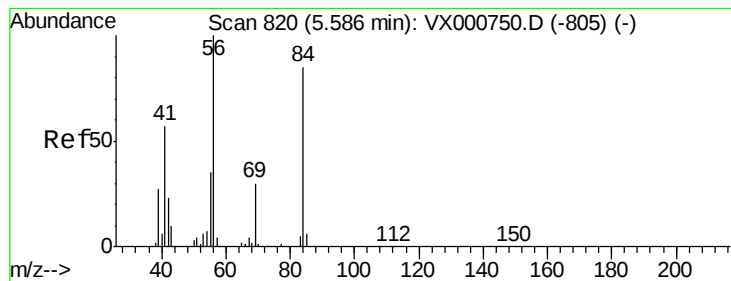
85 63.5 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.25 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

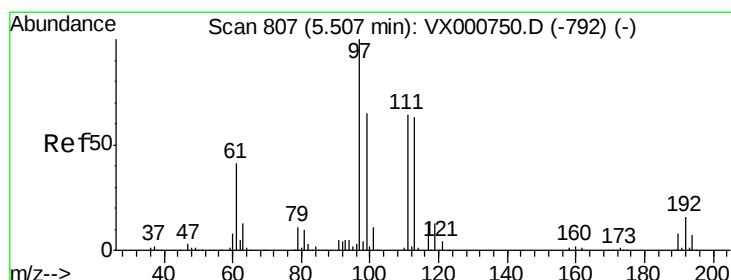
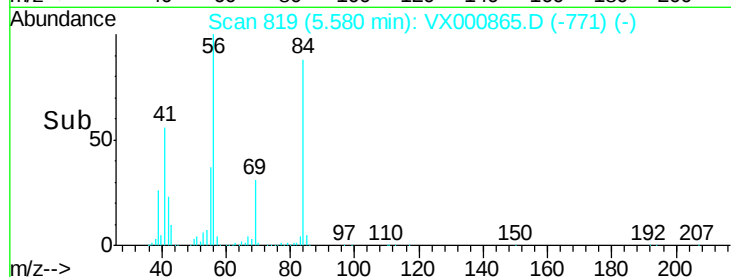
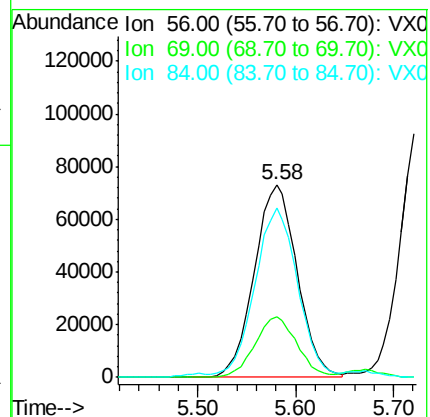
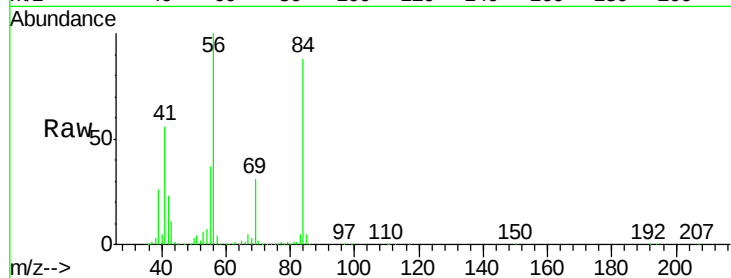
Tgt Ion: 56 Resp: 221373

Ion Ratio Lower Upper

56 100

69 31.5 24.2 36.4

84 86.6 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 50.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

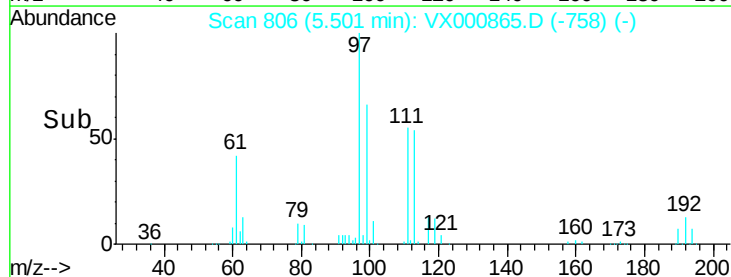
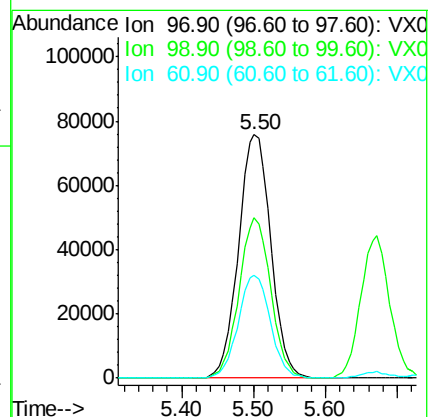
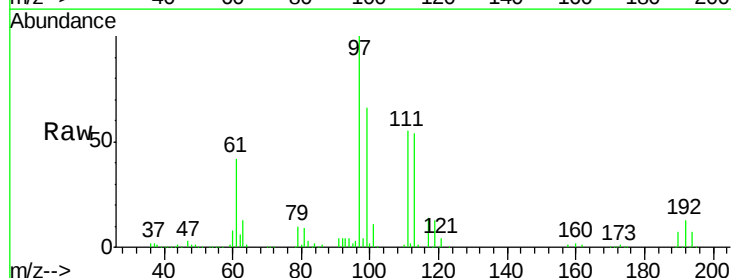
Tgt Ion: 97 Resp: 235984

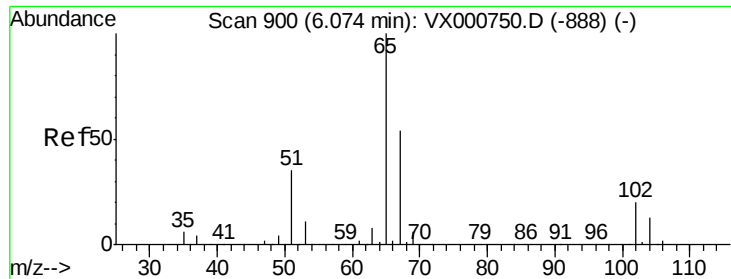
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 42.1 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 45.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

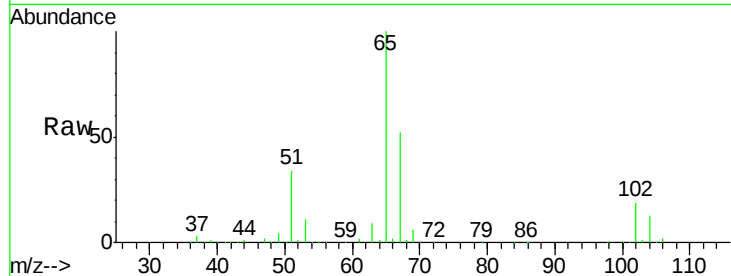
VSTDCCC050

Tgt Ion: 65 Resp: 152927

Ion Ratio Lower Upper

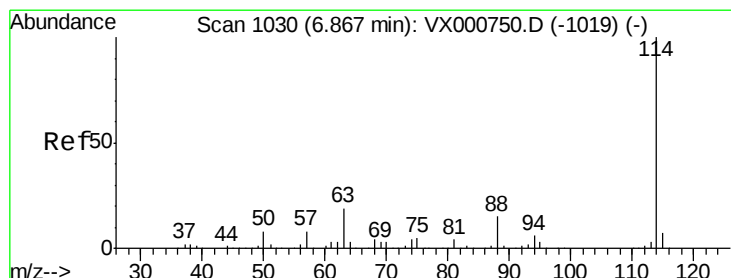
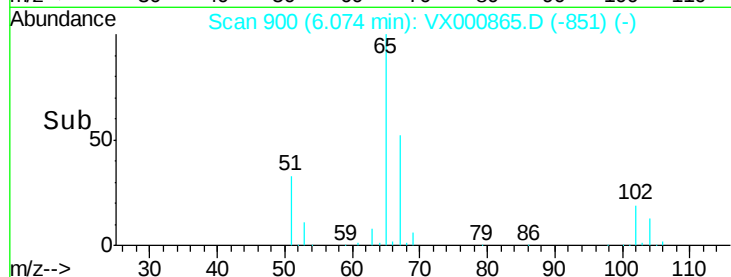
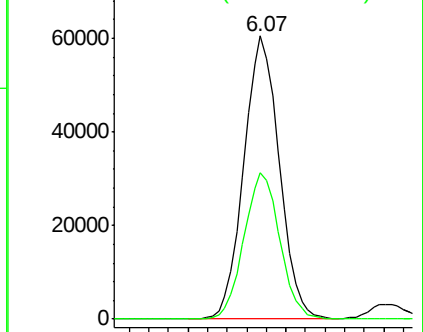
65 100

67 52.2 0.0 103.8



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: VX000865.D

Acq: 14 Apr 2018 10:18

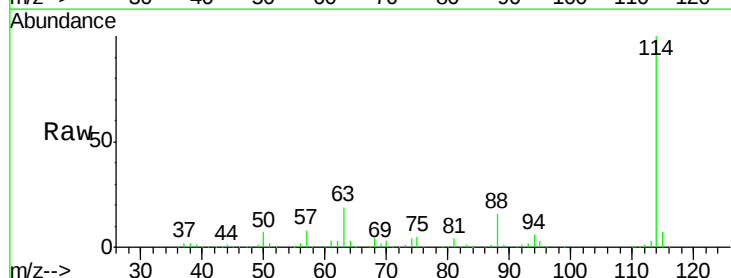
Tgt Ion: 114 Resp: 346069

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

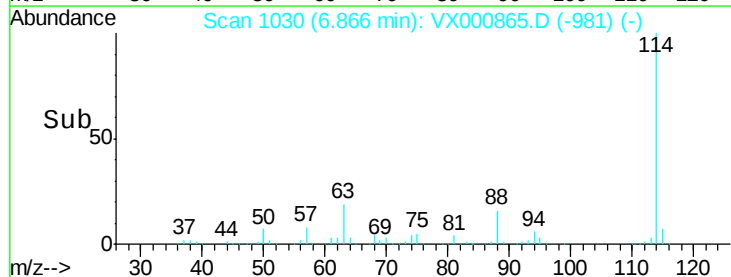
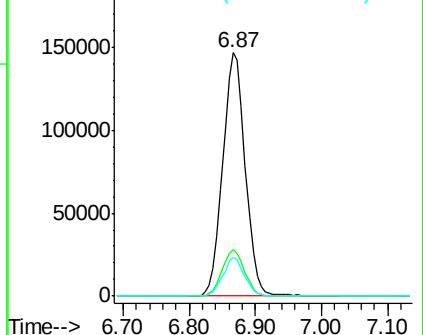
88 15.9 0.0 31.0

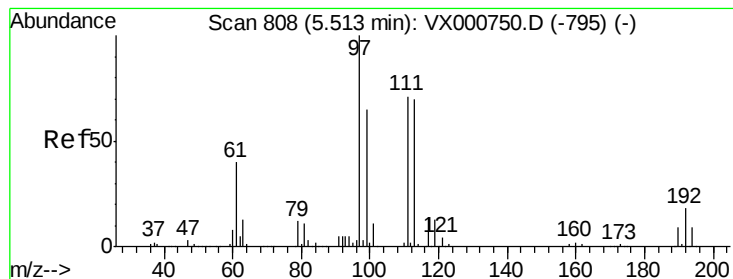


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

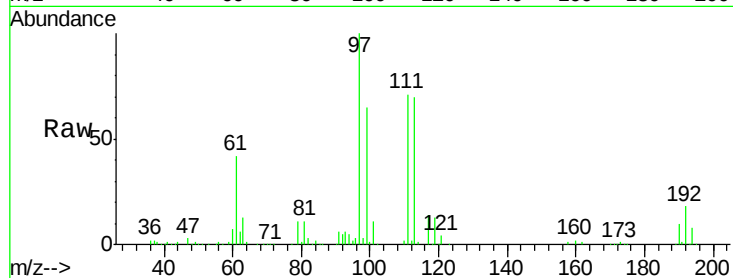
Tgt Ion:113 Resp: 130472

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

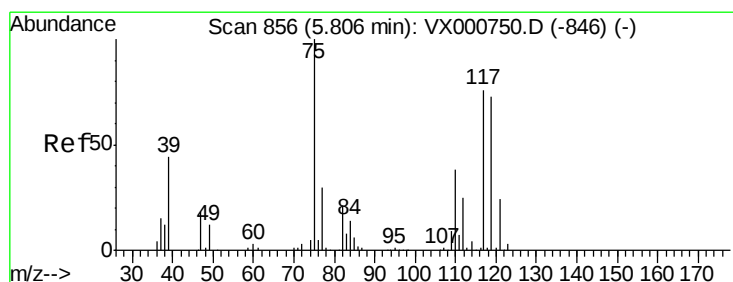
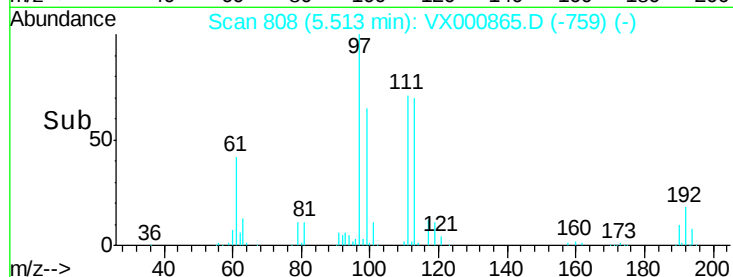
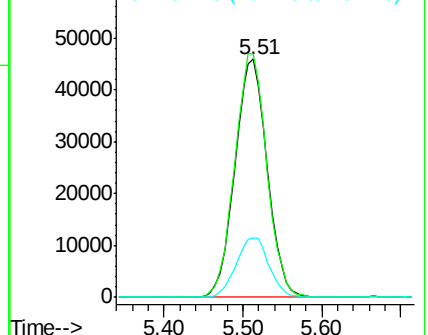
192 25.7 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.57 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

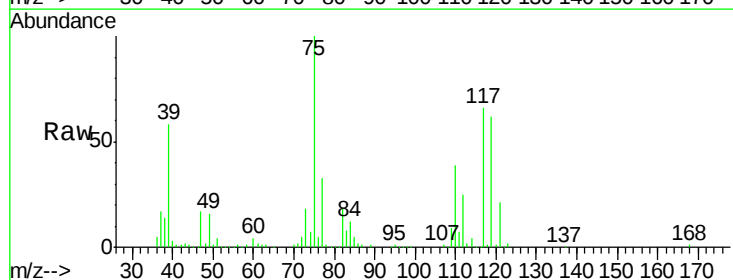
Tgt Ion: 75 Resp: 196561

Ion Ratio Lower Upper

75 100

110 38.0 19.2 57.6

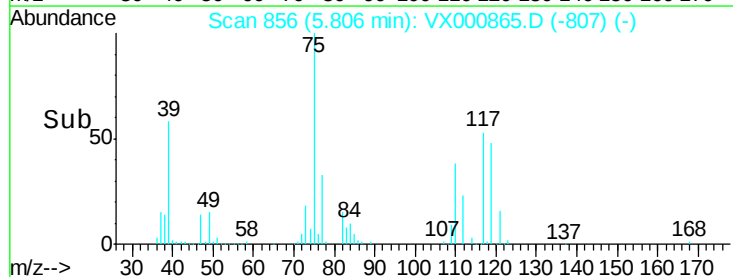
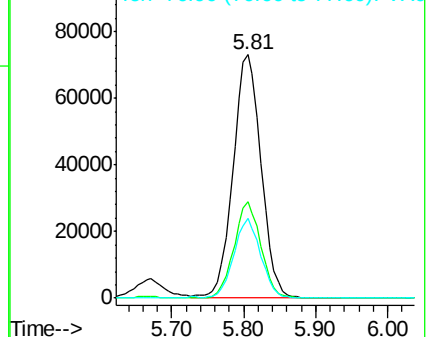
77 31.2 25.4 38.2

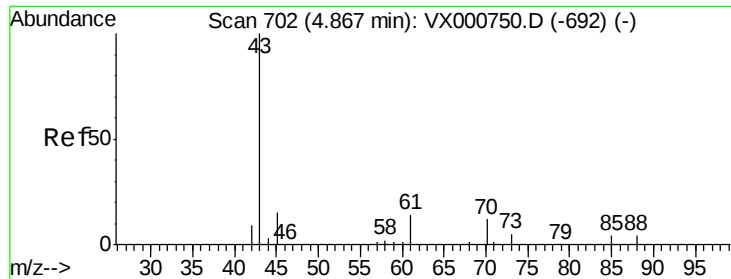


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

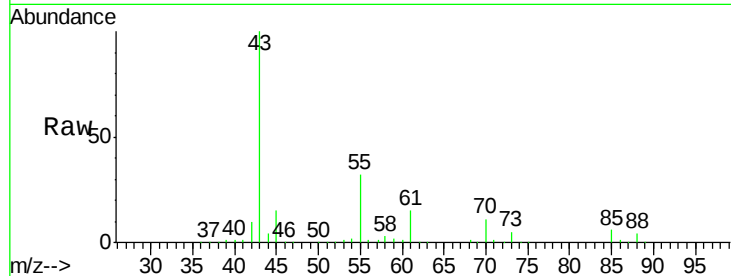




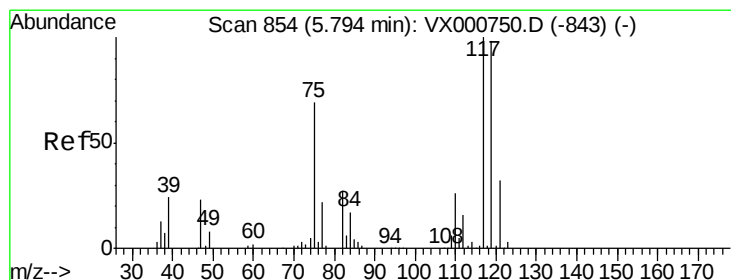
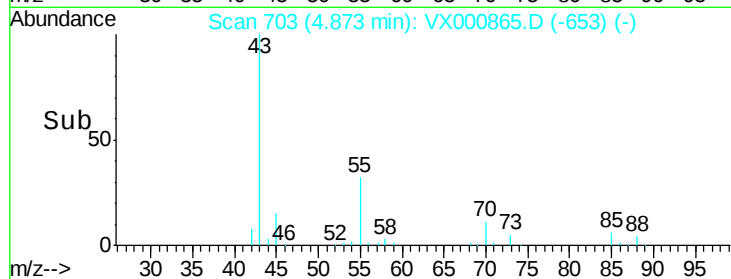
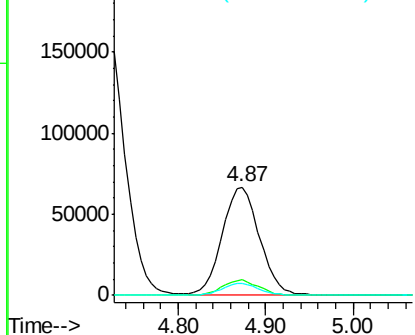
#37
Ethyl Acetate
Concen: 52.71 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 196102
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 11.1 8.7 13.1

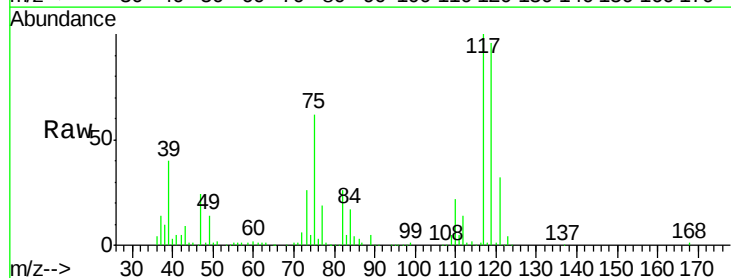


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

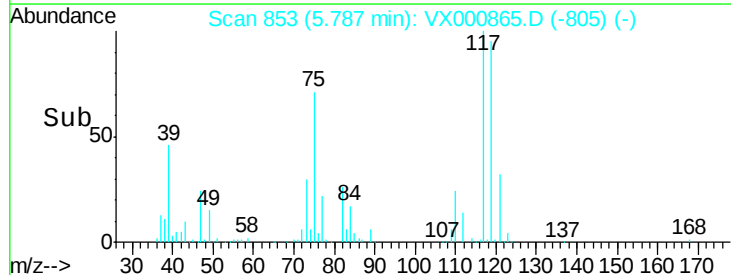
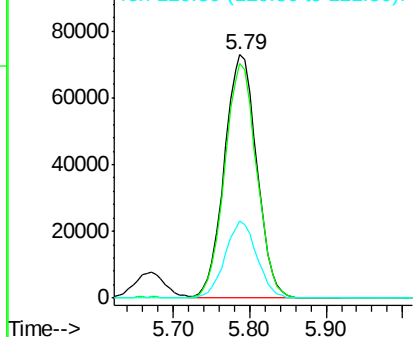


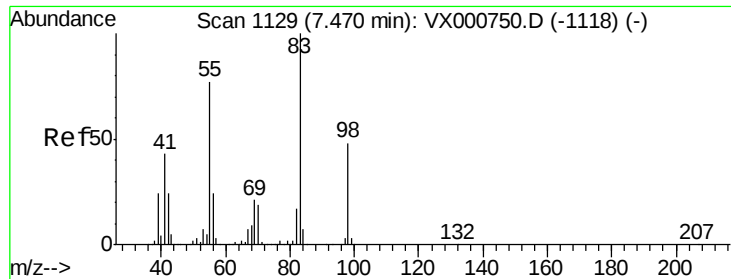
#38
Carbon Tetrachloride
Concen: 50.15 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion: 117 Resp: 213953
Ion Ratio Lower Upper
117 100
119 96.5 78.4 117.6
121 31.9 25.4 38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

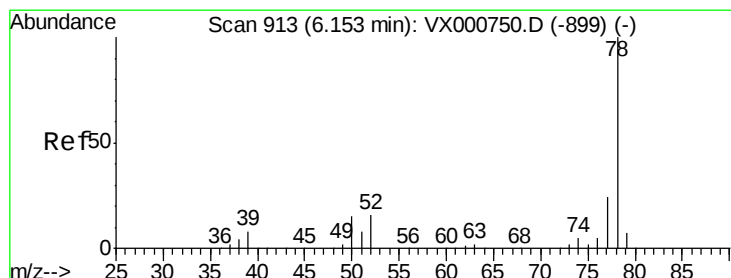
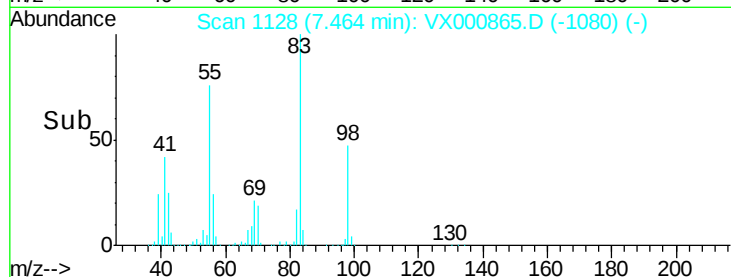
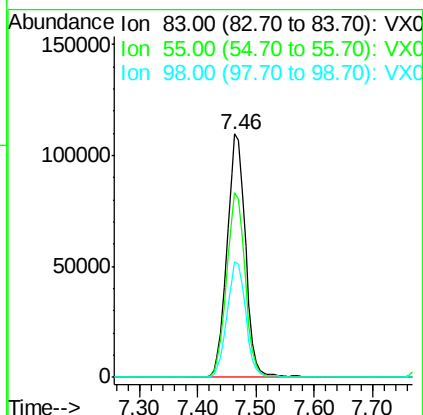
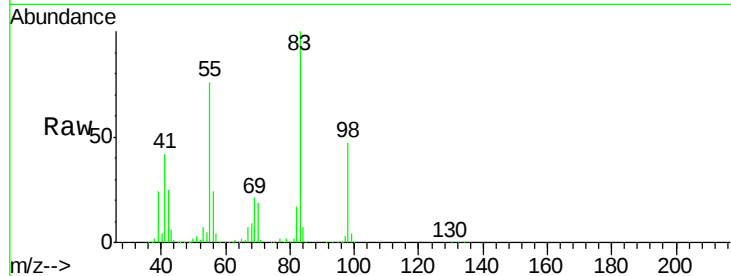




#39
Methylcyclohexane
Concen: 53.00 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

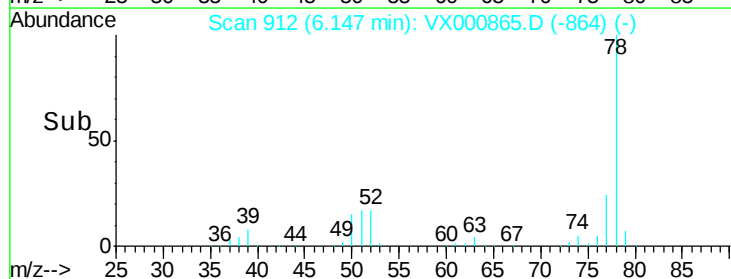
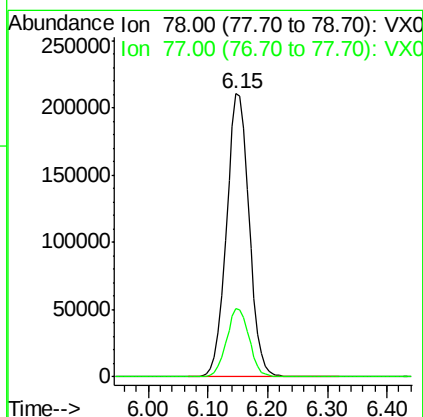
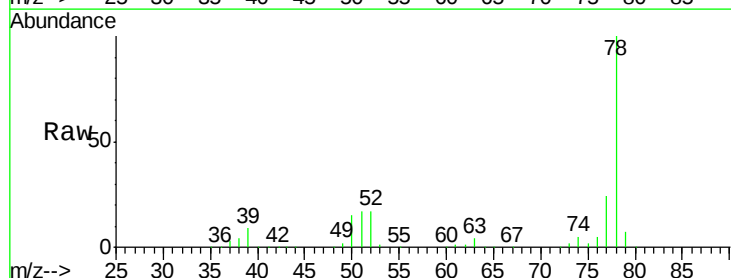
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

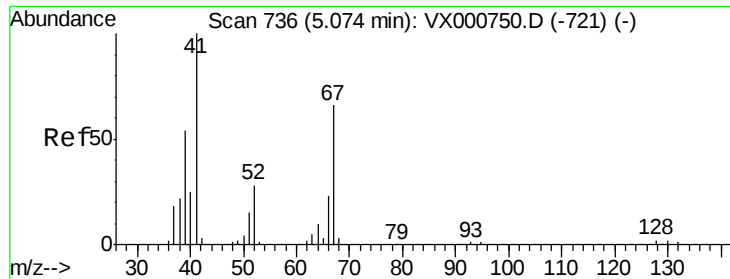
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.5	92.3
98	47.4	38.1	57.1



#40
Benzene
Concen: 52.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6

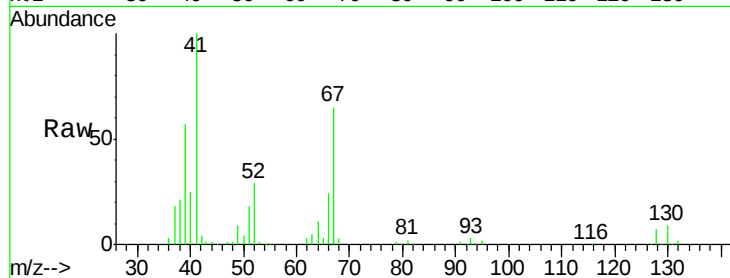




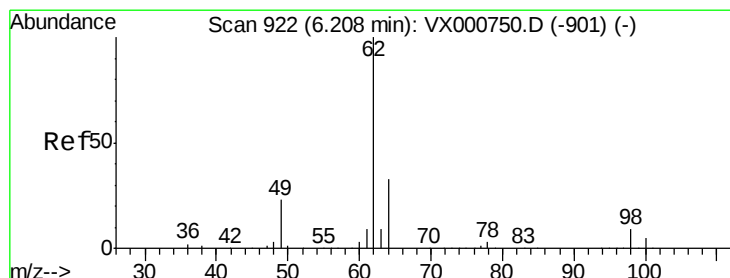
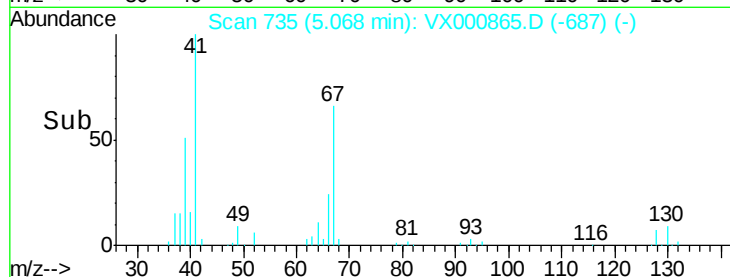
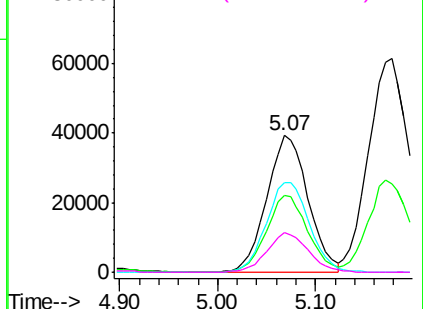
#41
Methacrylonitrile
Concen: 53.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	114893
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.9	67.3
67	68.6	54.7	82.1
52	28.9	23.0	34.6

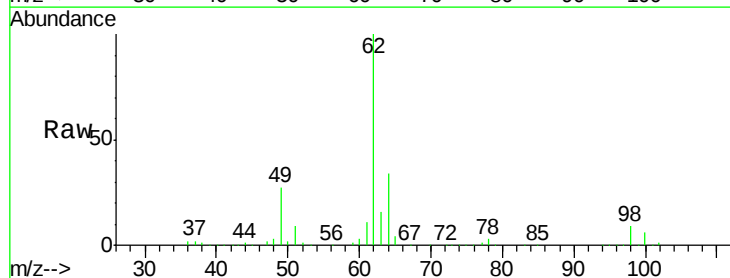


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

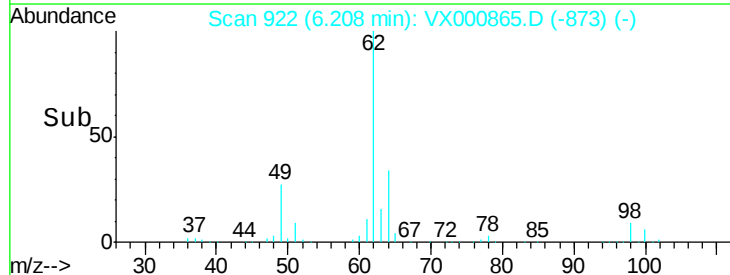
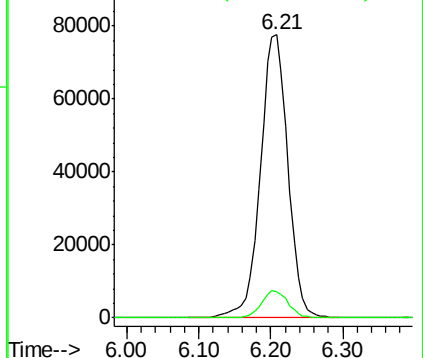


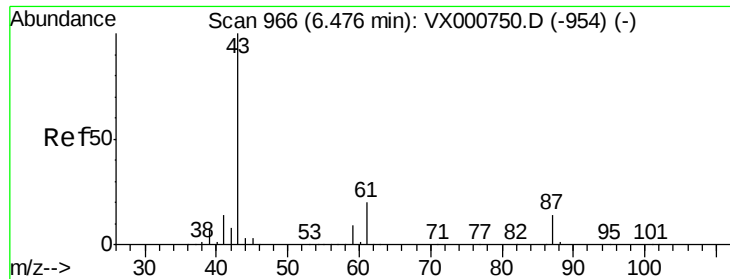
#42
1,2-Dichloroethane
Concen: 52.01 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion:	62	Resp:	205698
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.22 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

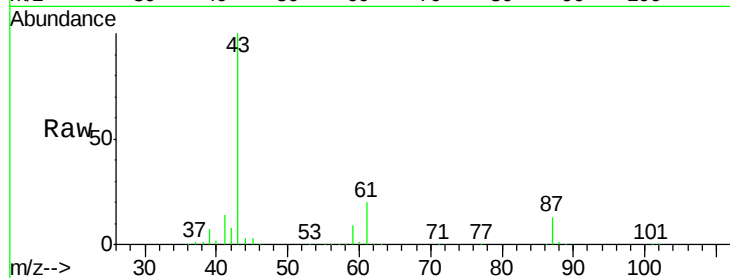
Tgt Ion: 43 Resp: 333119

Ion Ratio Lower Upper

43 100

61 19.7 15.6 23.4

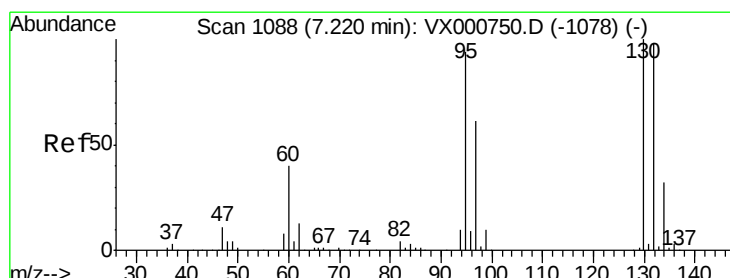
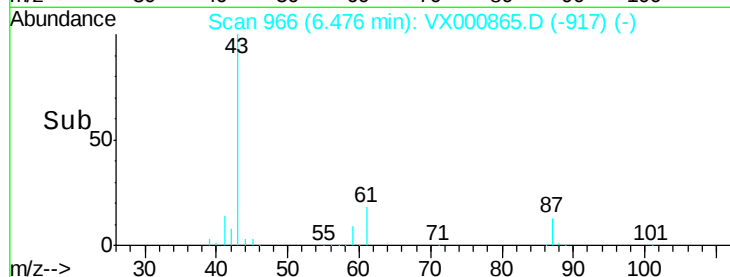
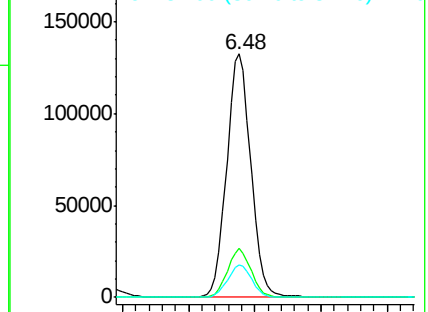
87 13.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.45 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000865.D

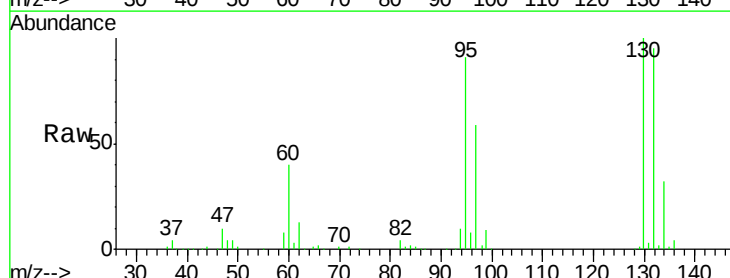
Acq: 14 Apr 2018 10:18

Tgt Ion: 130 Resp: 172737

Ion Ratio Lower Upper

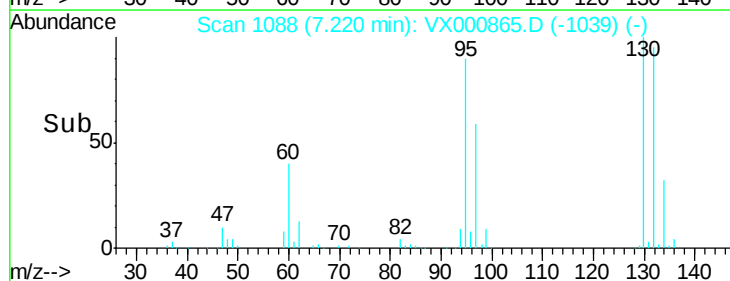
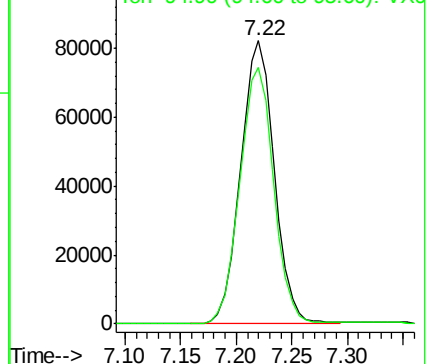
130 100

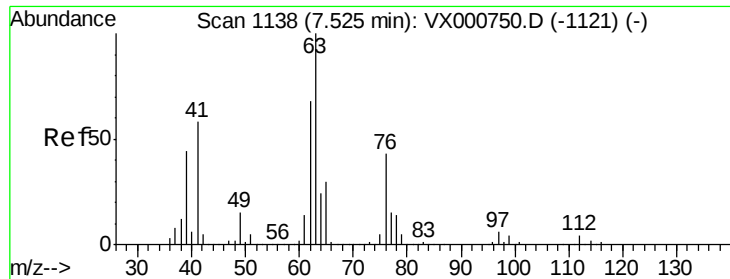
95 90.6 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

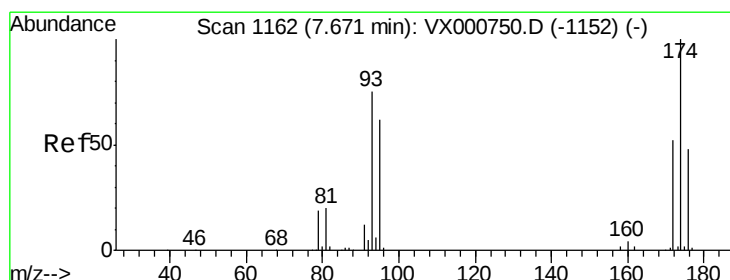
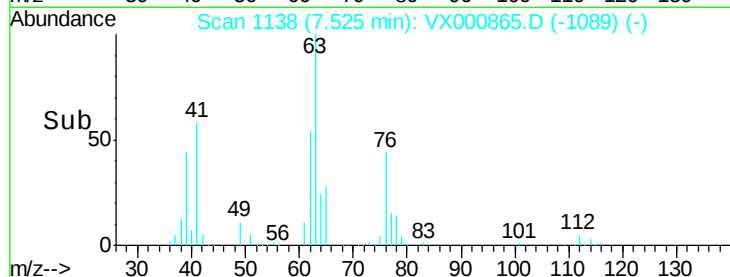
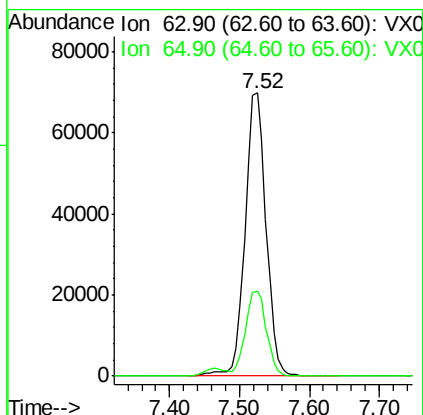
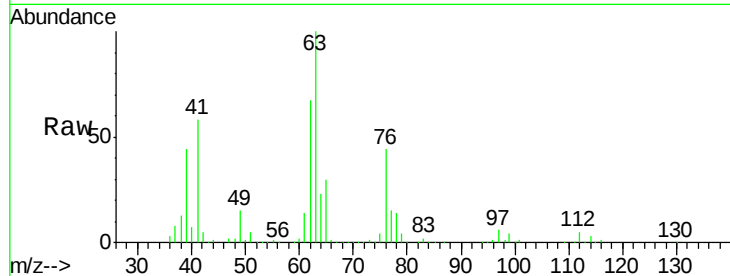




#45
 1,2-Dichloropropane
 Concen: 53.88 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

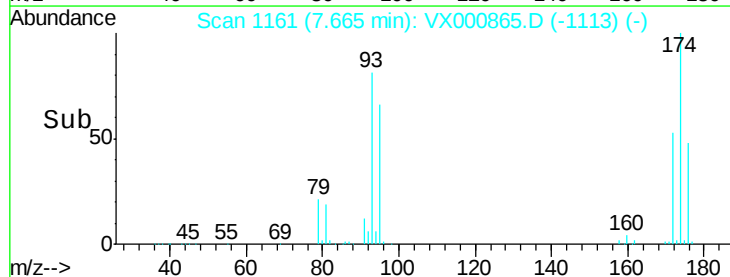
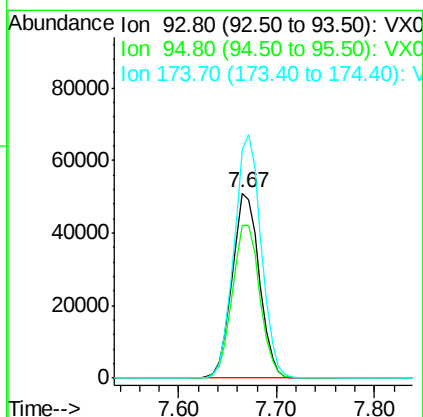
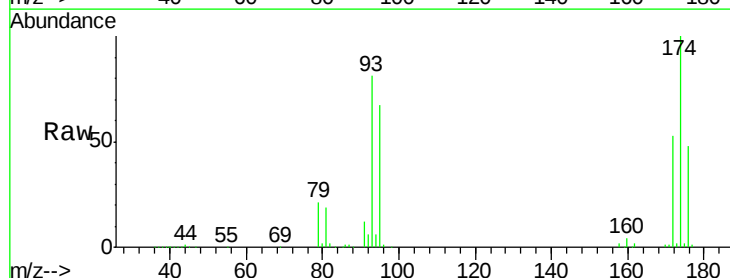
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 145296
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.7 35.5



#46
 Dibromomethane
 Concen: 52.28 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion: 93 Resp: 98295
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 130.9 104.5 156.7





#47

Bromodichloromethane

Concen: 51.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

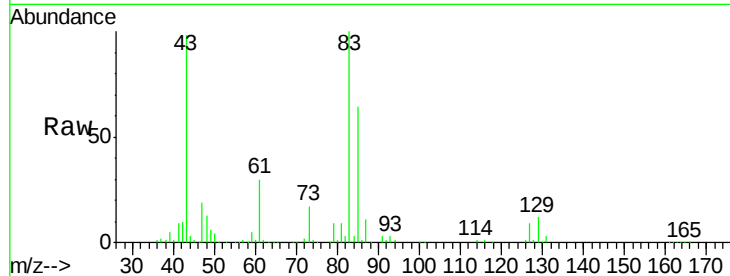
Tgt Ion: 83 Resp: 195829

Ion Ratio Lower Upper

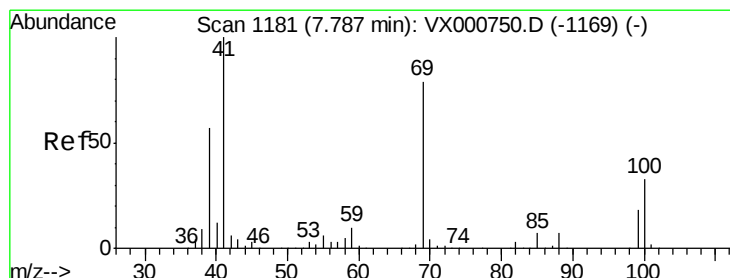
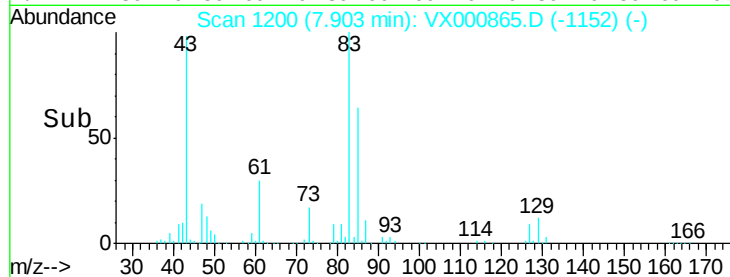
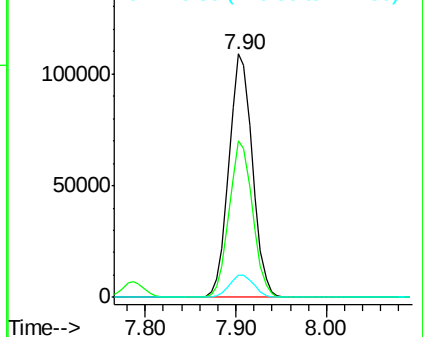
83 100

85 64.1 52.2 78.4

127 8.9 7.8 11.8



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



#48

Methyl methacrylate

Concen: 52.82 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

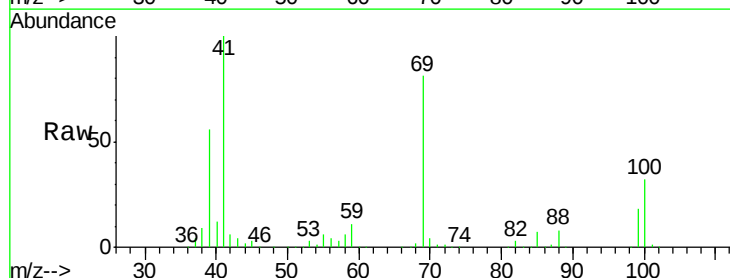
Tgt Ion: 41 Resp: 174653

Ion Ratio Lower Upper

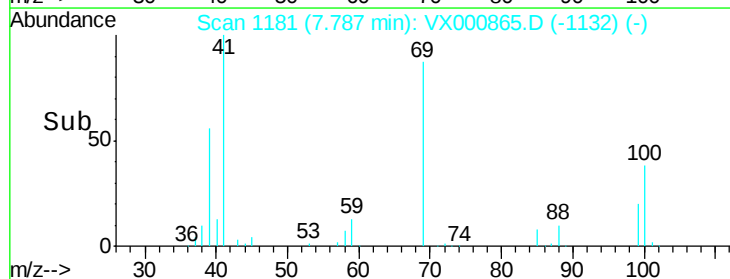
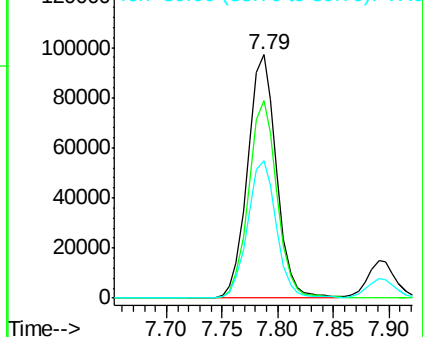
41 100

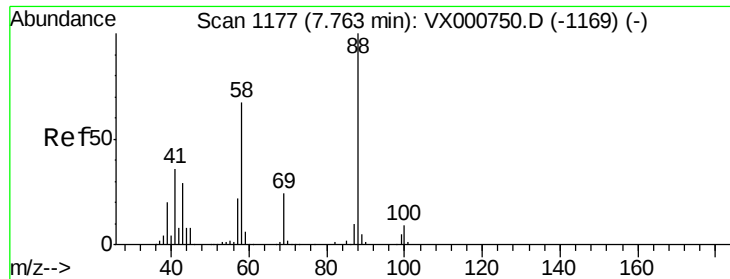
69 80.5 63.9 95.9

39 56.4 45.9 68.9



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

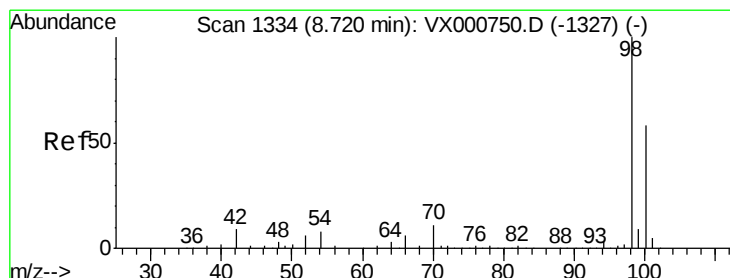
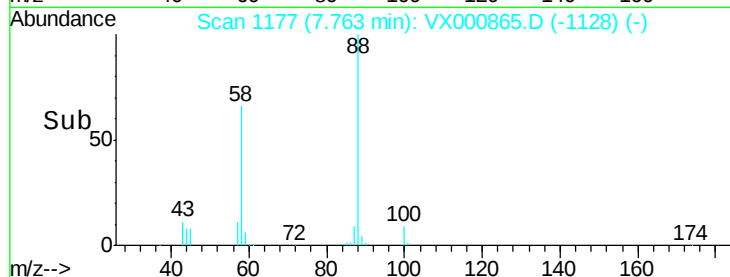
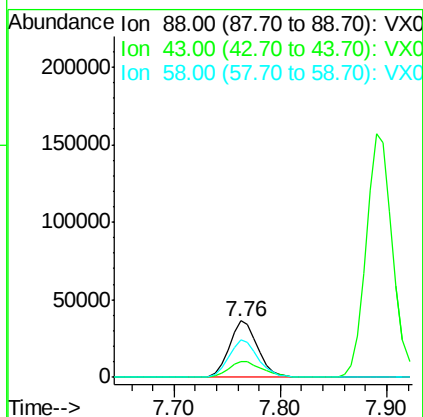
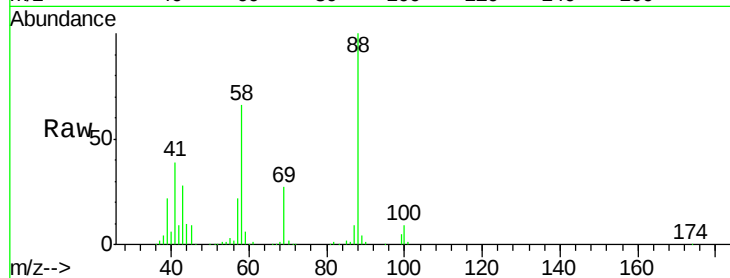




#49
1,4-Dioxane
Concen: 1017.57 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

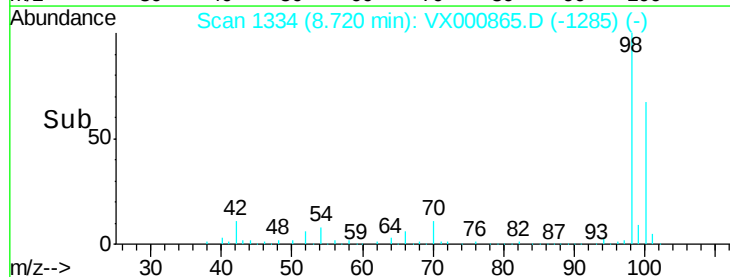
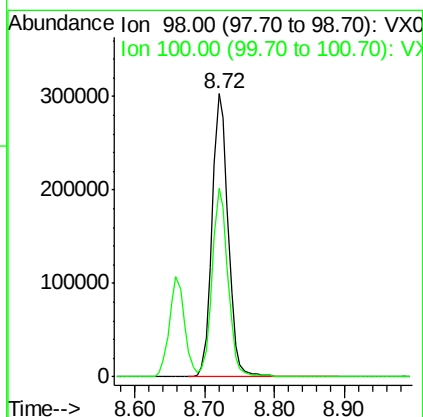
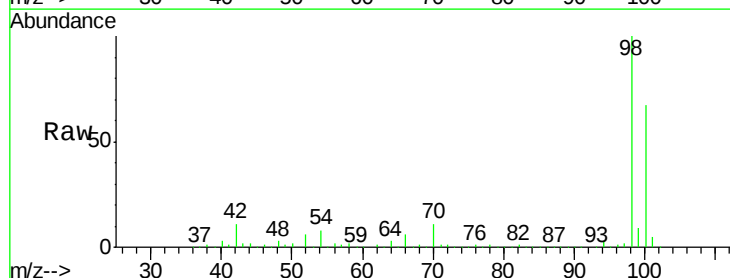
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

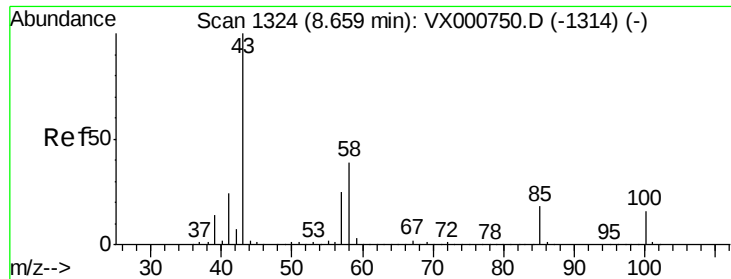
Tgt Ion: 88 Resp: 67616
Ion Ratio Lower Upper
88 100
43 33.4 25.8 38.8
58 68.7 54.4 81.6



#50
Toluene-d8
Concen: 48.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion: 98 Resp: 485109
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 275.24 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

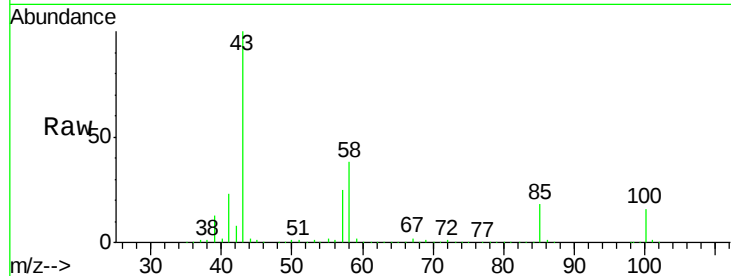
VSTDCCC050

Tgt Ion: 43 Resp: 1031350

Ion Ratio Lower Upper

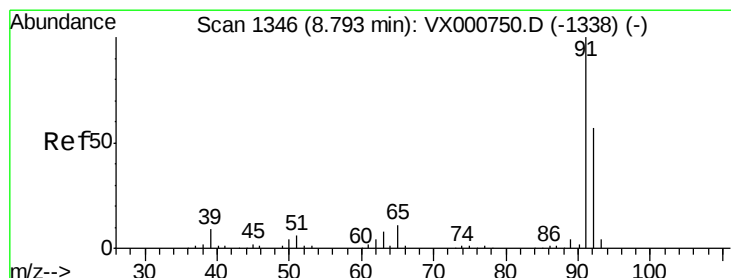
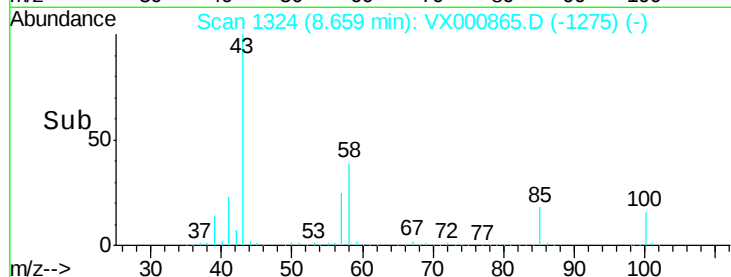
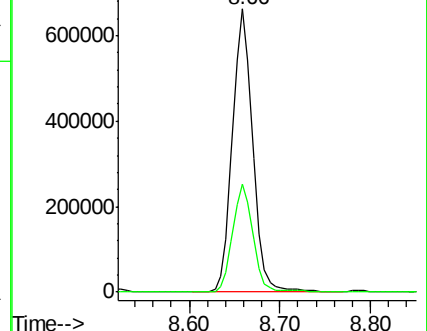
43 100

58 38.6 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.87 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000865.D

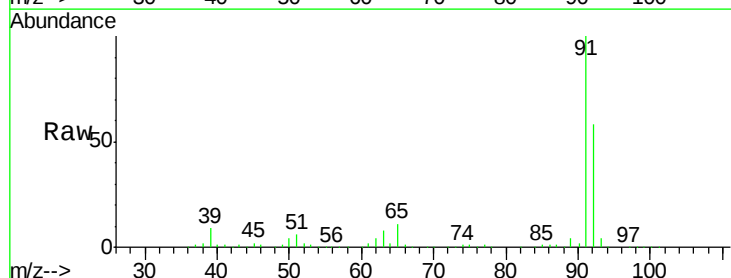
Acq: 14 Apr 2018 10:18

Tgt Ion: 92 Resp: 371460

Ion Ratio Lower Upper

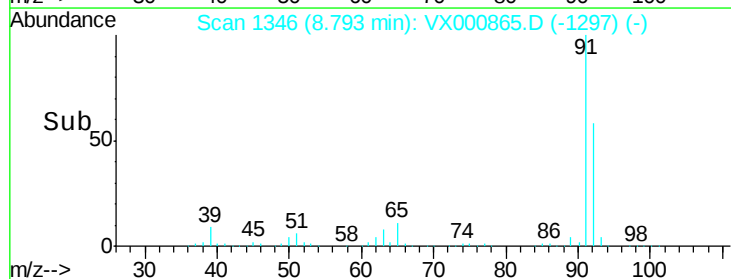
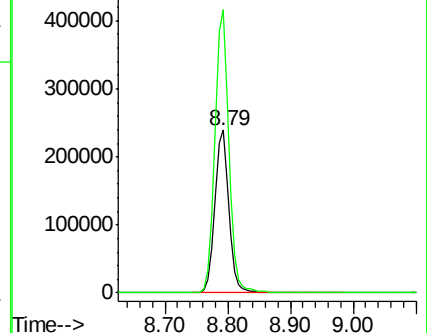
92 100

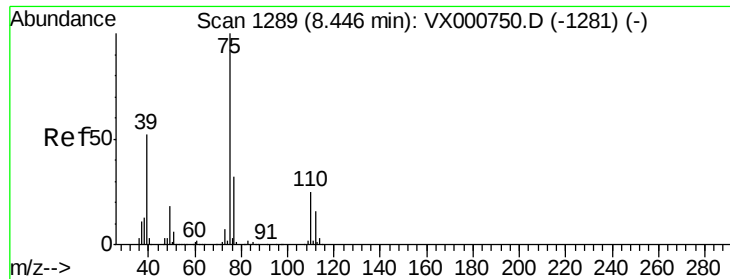
91 173.0 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.70 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

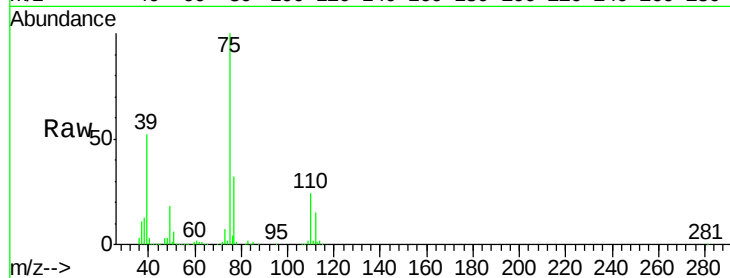
VSTDCCC050

Tgt Ion: 75 Resp: 239874

Ion Ratio Lower Upper

75 100

77 31.6 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

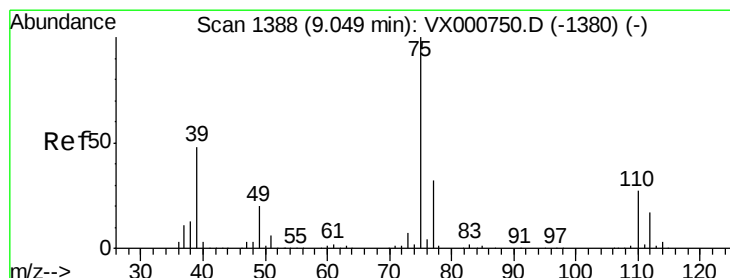
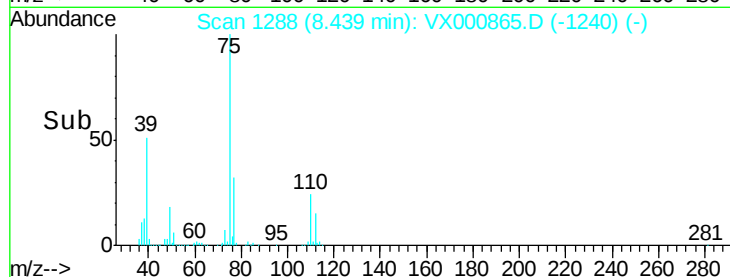
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.87 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

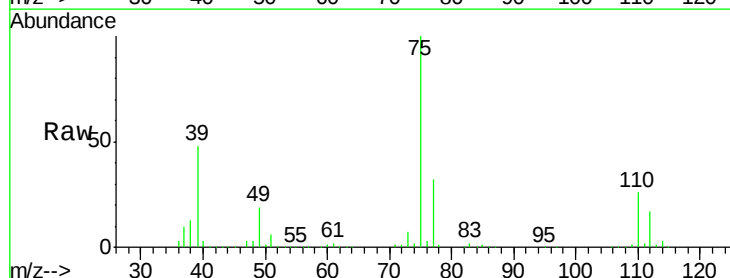
Tgt Ion: 75 Resp: 229881

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 47.8 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

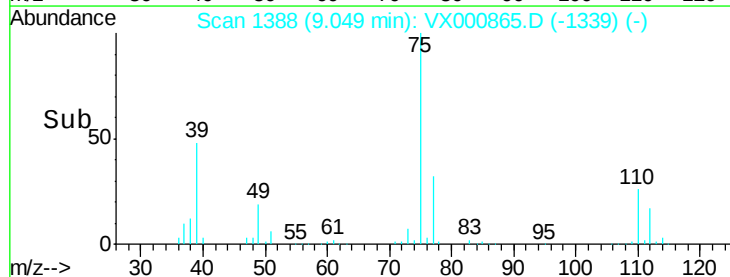
150000

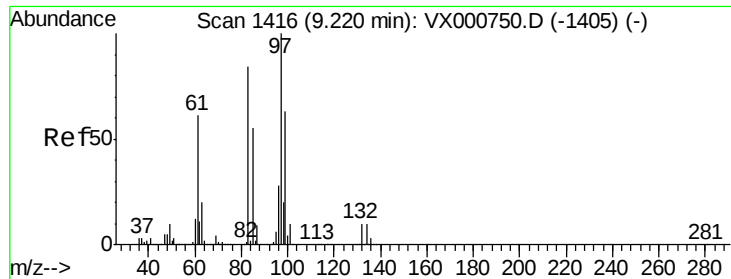
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 53.24 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 148492

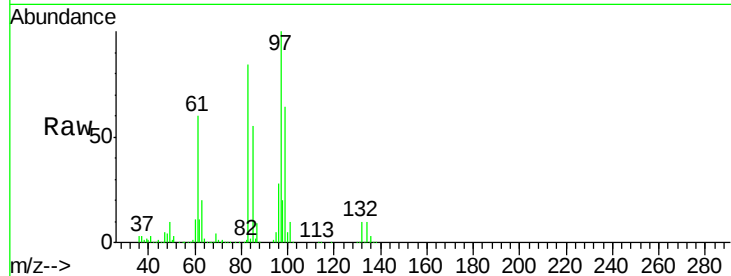
Ion Ratio Lower Upper

97 100

83 84.1 67.6 101.4

85 55.4 43.8 65.6

99 64.0 50.2 75.4

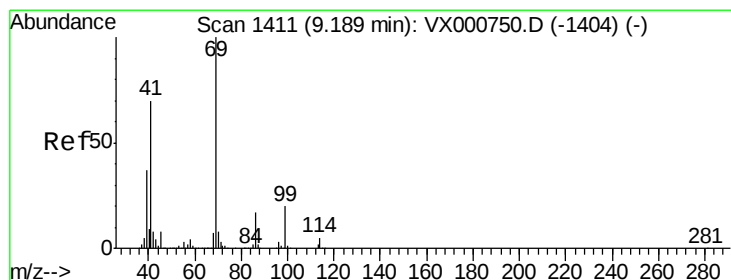
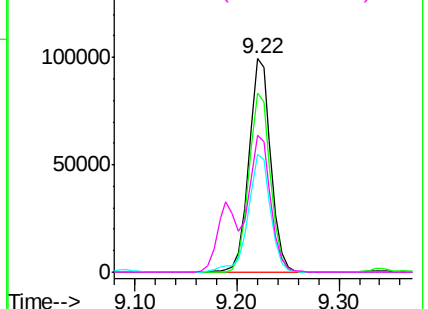
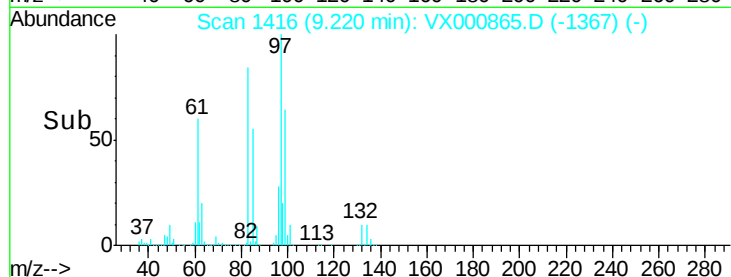


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.00 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

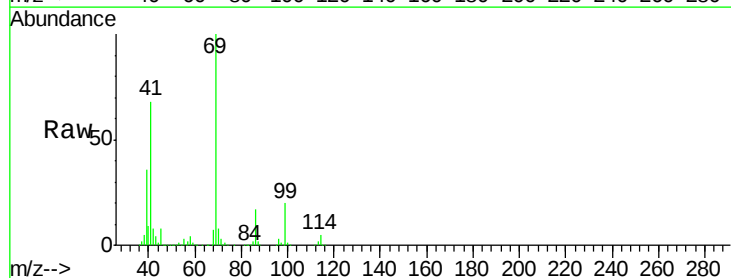
Tgt Ion: 69 Resp: 228030

Ion Ratio Lower Upper

69 100

41 68.5 55.6 83.4

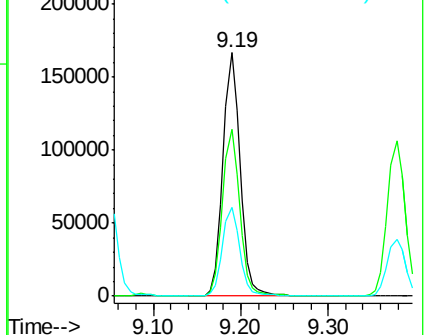
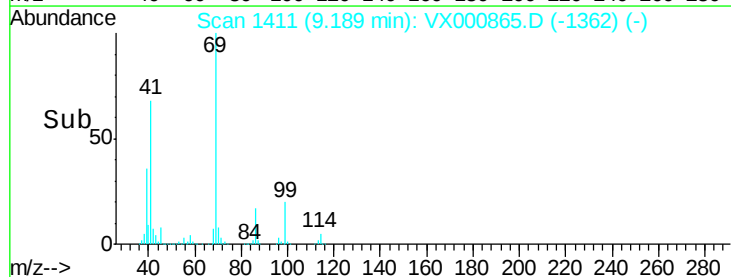
39 36.6 30.3 45.5

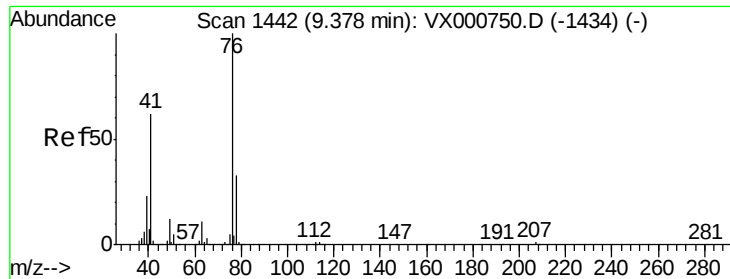


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.67 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

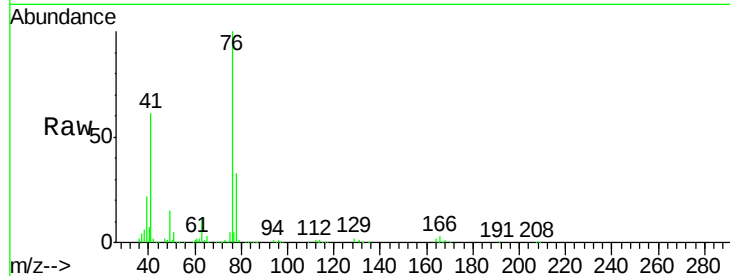
VSTDCCC050

Tgt Ion: 76 Resp: 242401

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

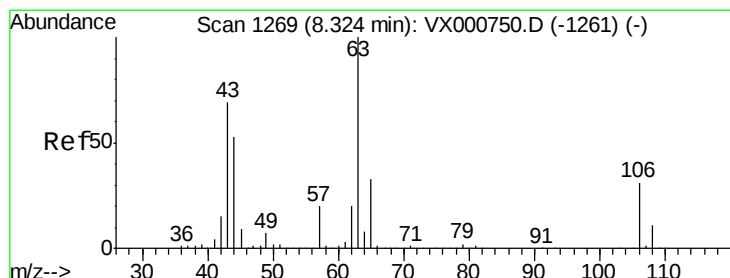
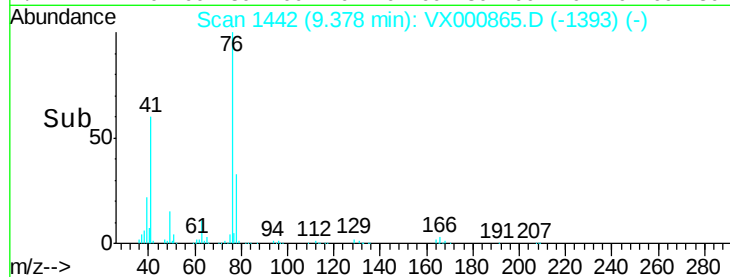
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 332.35 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000865.D

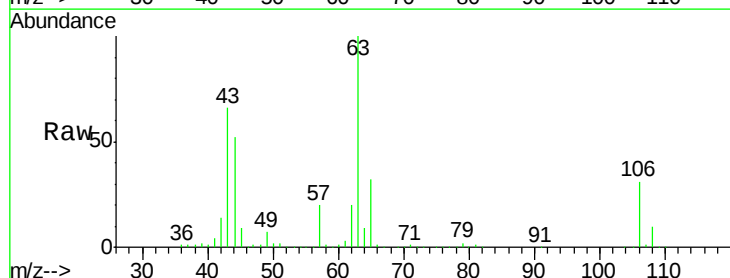
Acq: 14 Apr 2018 10:18

Tgt Ion: 63 Resp: 668100

Ion Ratio Lower Upper

63 100

106 30.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

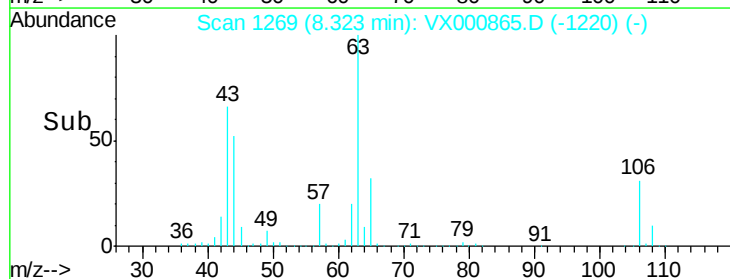
200000

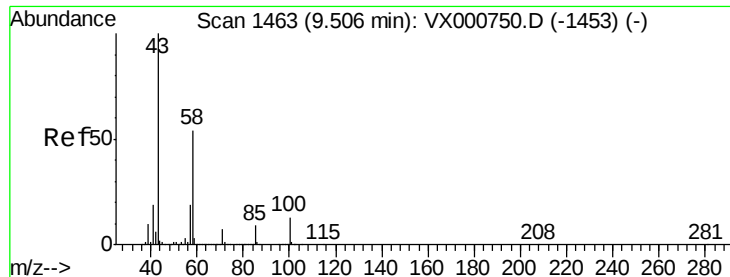
100000

0

8.30 8.40

Time-->

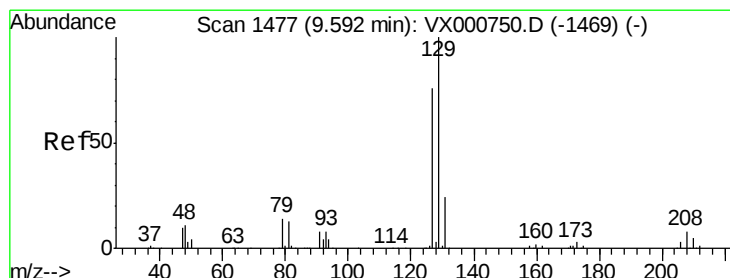
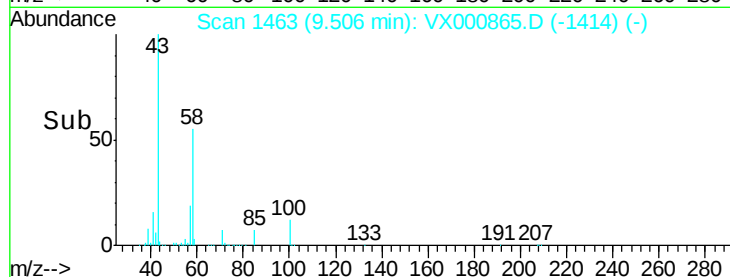
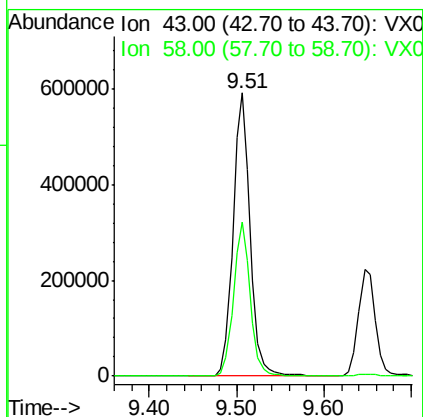
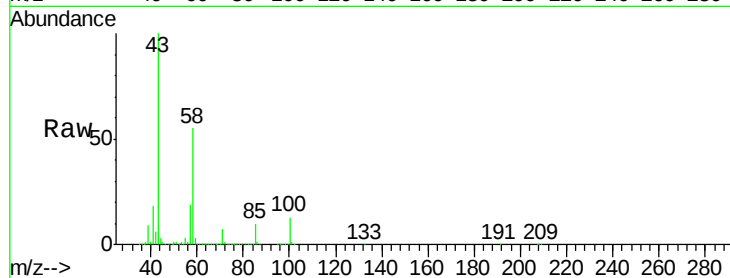




#59
2-Hexanone
Concen: 277.63 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

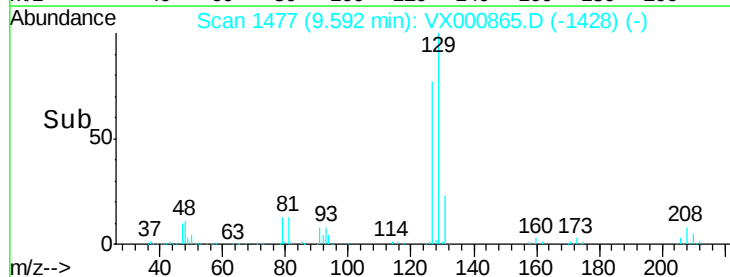
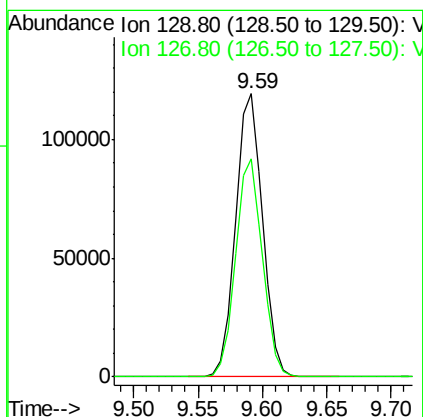
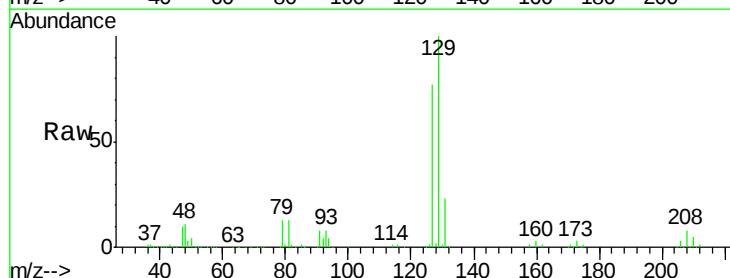
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

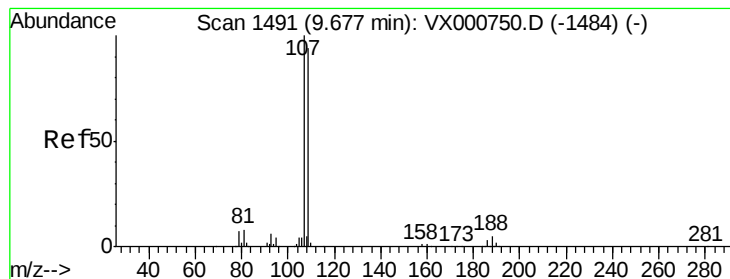
Tgt Ion: 43 Resp: 803114
Ion Ratio Lower Upper
43 100
58 53.9 26.5 79.5



#60
Dibromochloromethane
Concen: 51.82 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion: 129 Resp: 172929
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.68 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

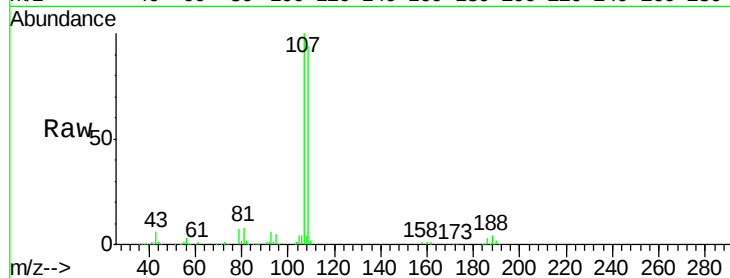
VSTDCCC050

Tgt Ion: 107 Resp: 158822

Ion Ratio Lower Upper

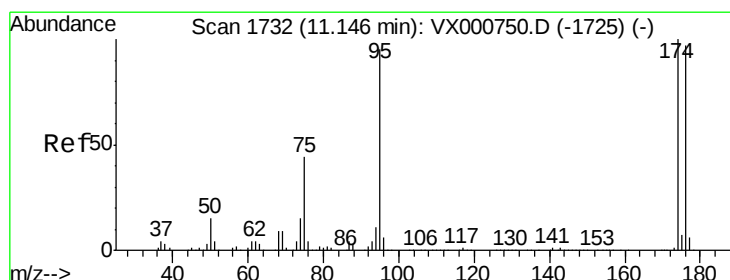
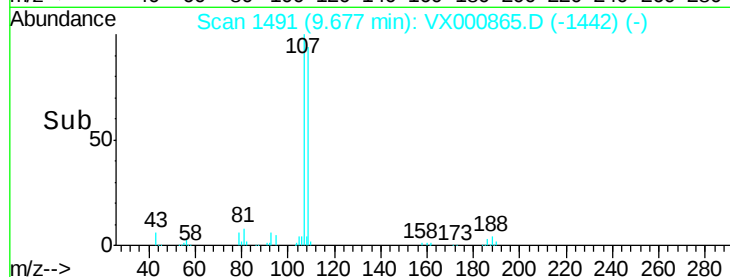
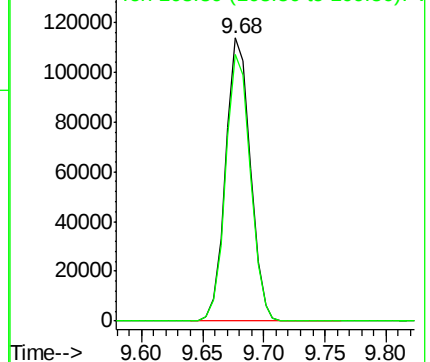
107 100

109 94.8 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.30 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

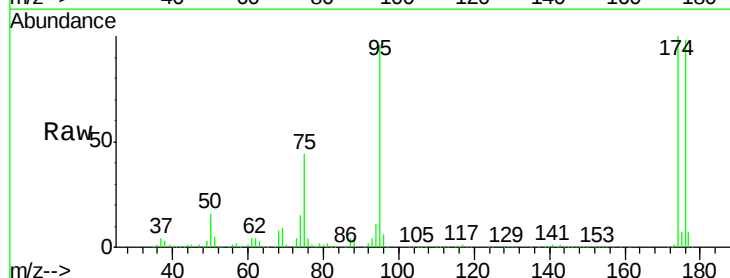
Tgt Ion: 95 Resp: 198386

Ion Ratio Lower Upper

95 100

174 99.4 0.0 198.4

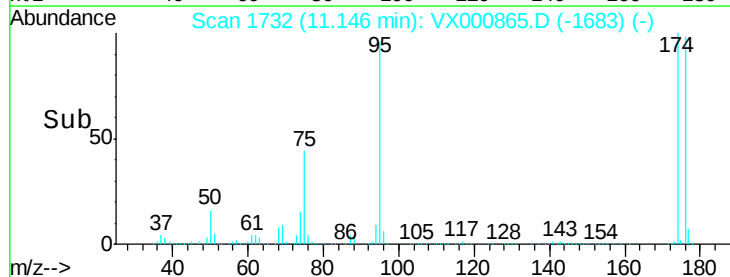
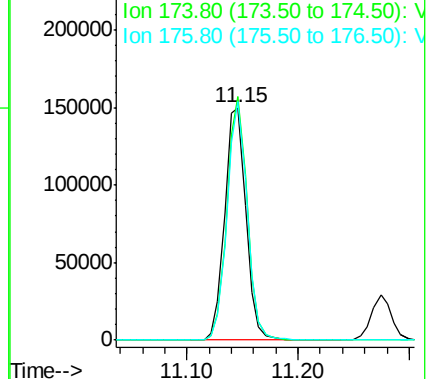
176 97.2 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

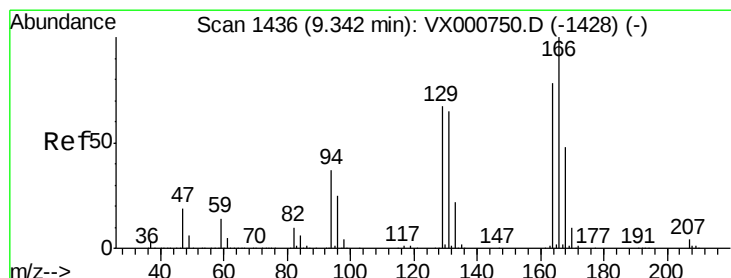
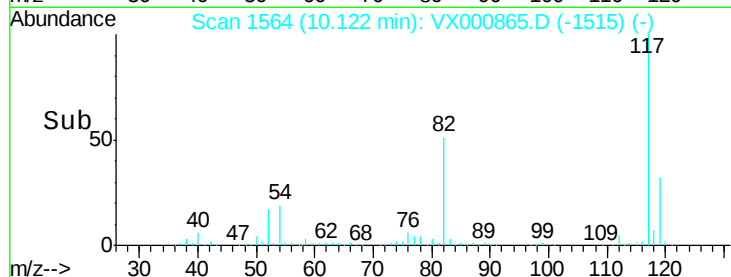
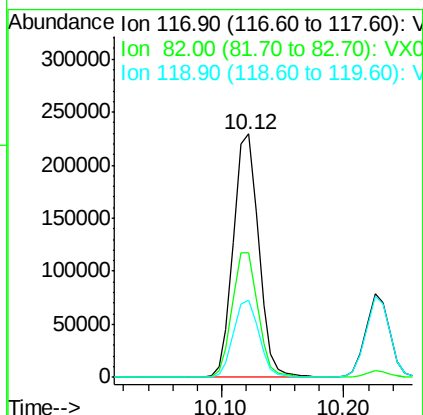
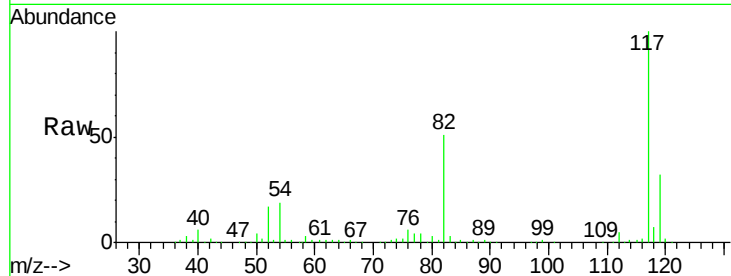




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

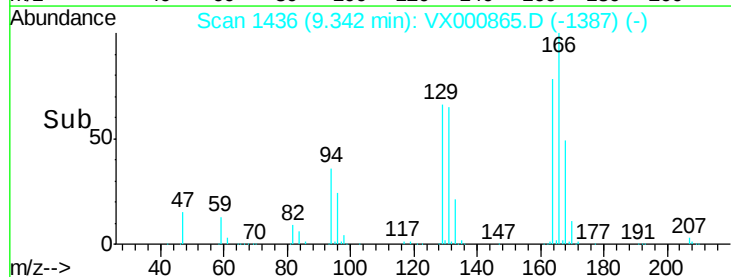
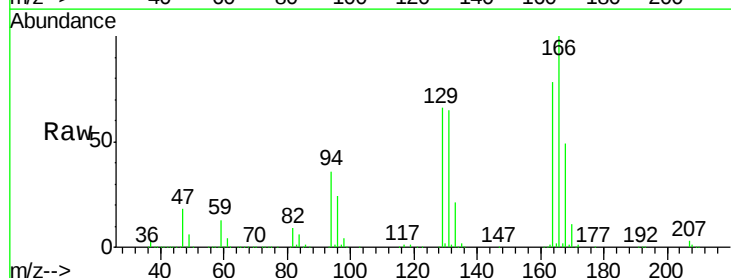
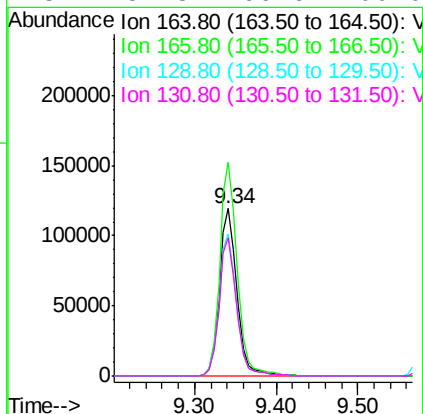
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

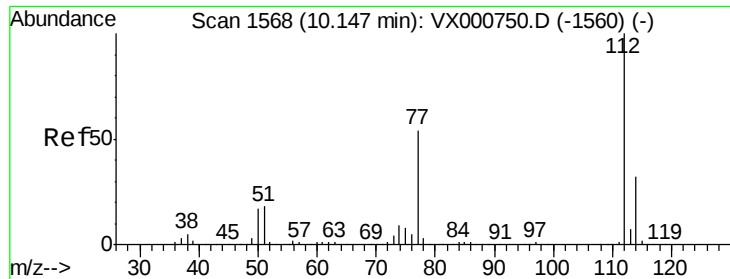
Tgt Ion:117 Resp: 329797
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 55.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion:164 Resp: 177702
Ion Ratio Lower Upper
164 100
166 127.8 102.8 154.2
129 84.7 68.5 102.7
131 82.8 66.6 100.0

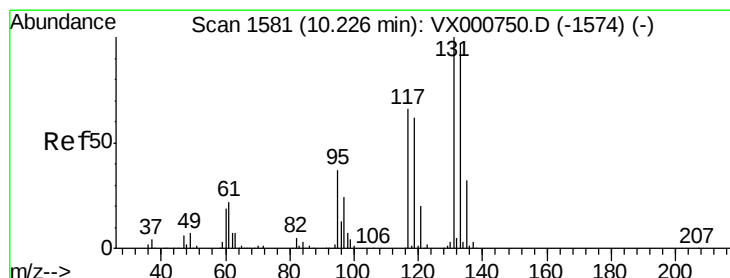
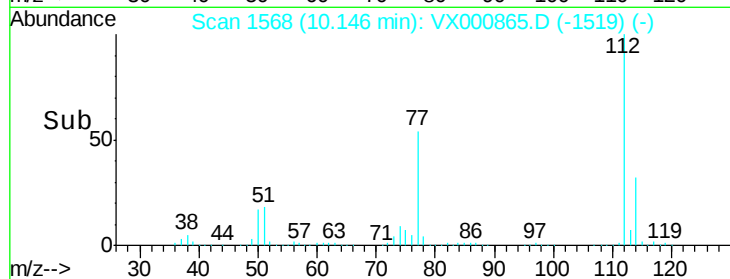
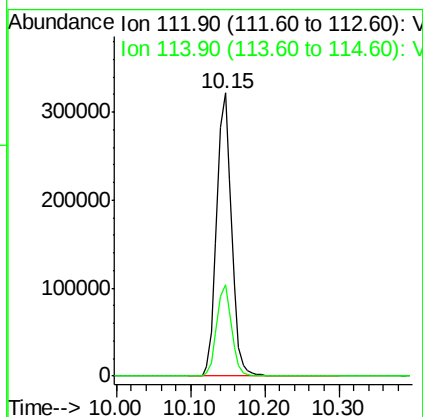
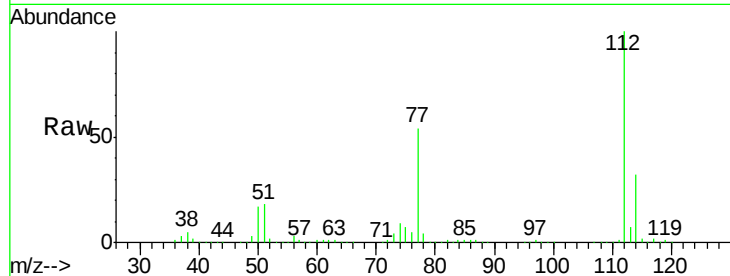




#65
Chlorobenzene
Concen: 53.22 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

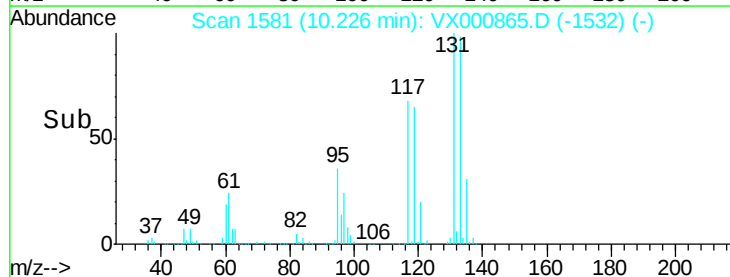
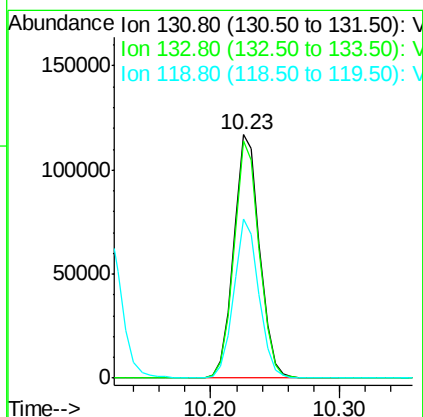
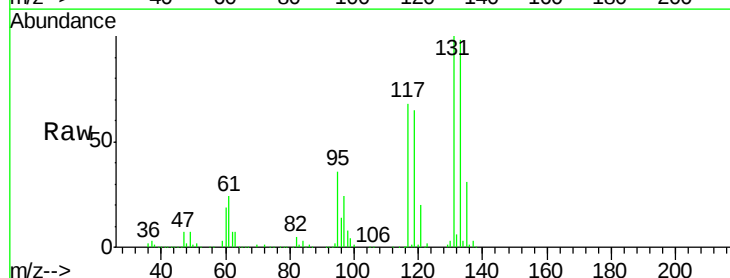
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

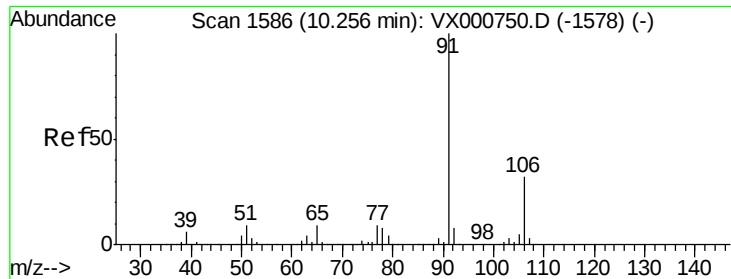
Tgt Ion:112 Resp: 441553
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.33 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion:131 Resp: 163414
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.9
119 63.3 31.4 94.0

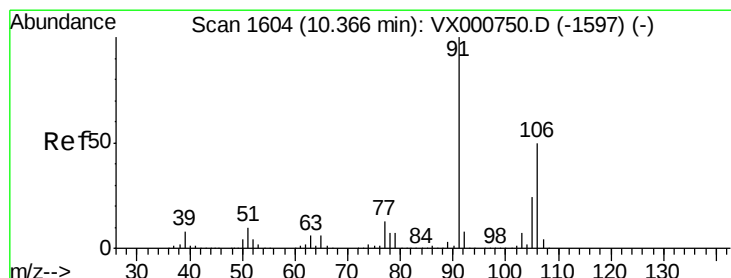
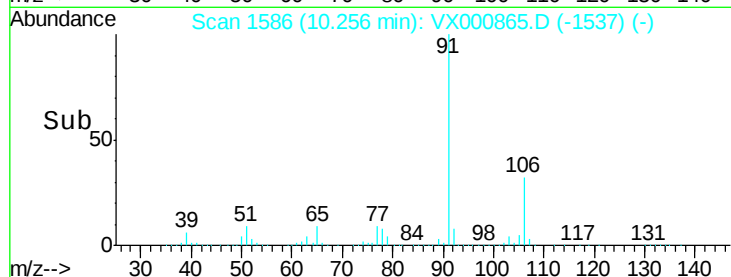
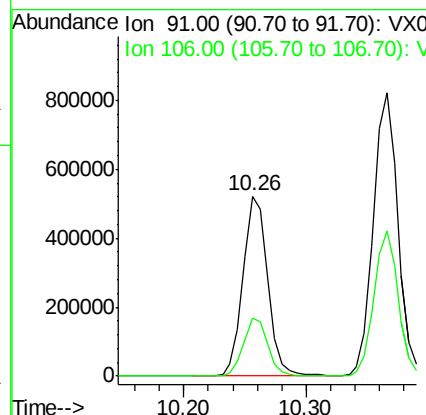
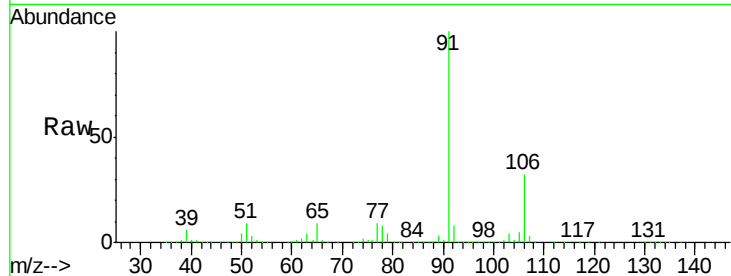




#67
 Ethyl Benzene
 Concen: 52.85 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

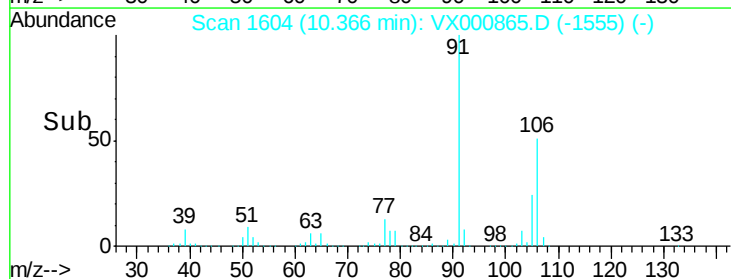
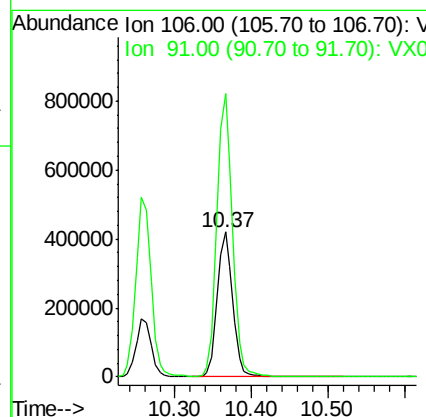
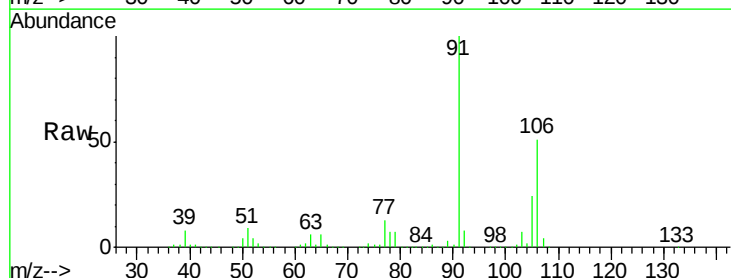
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

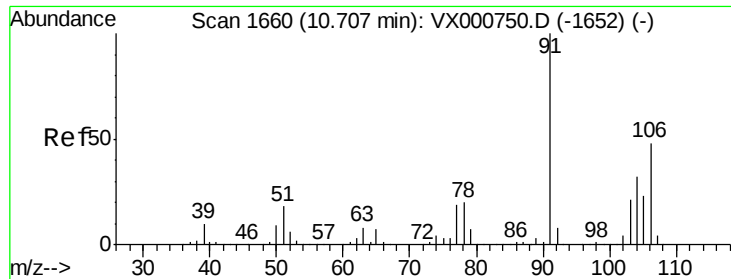
Tgt Ion: 91 Resp: 731088
 Ion Ratio Lower Upper
 91 100
 106 32.2 25.4 38.0



#68
 m/p-Xylenes
 Concen: 107.43 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion: 106 Resp: 586493
 Ion Ratio Lower Upper
 106 100
 91 197.7 159.3 238.9

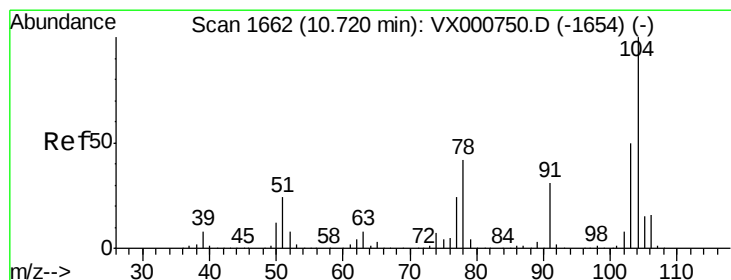
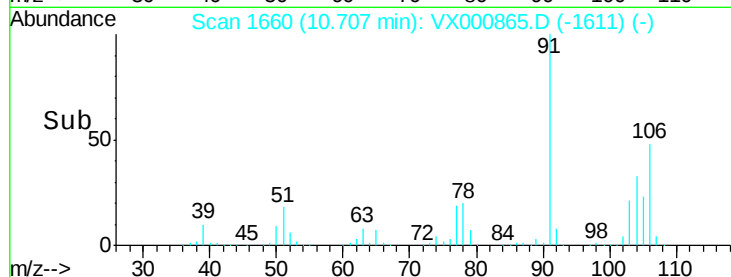
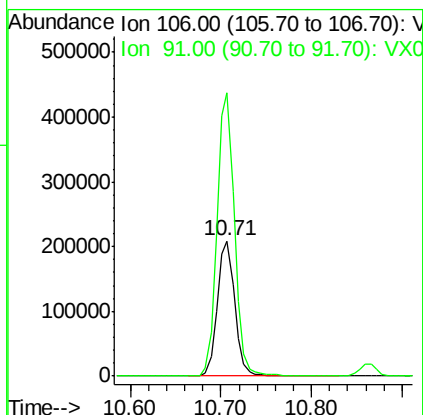
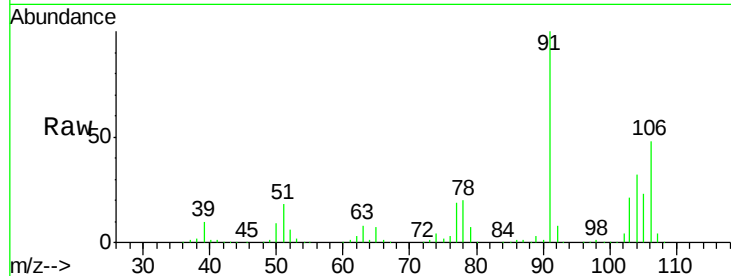




#69
o-Xylene
Concen: 53.51 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

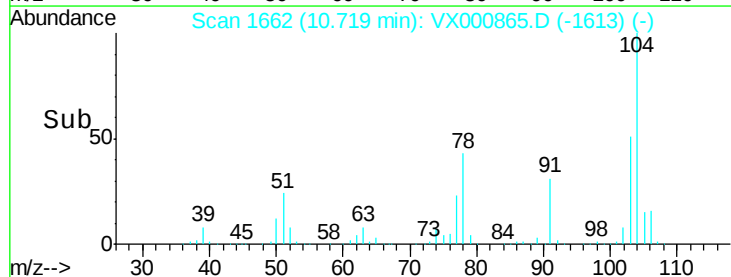
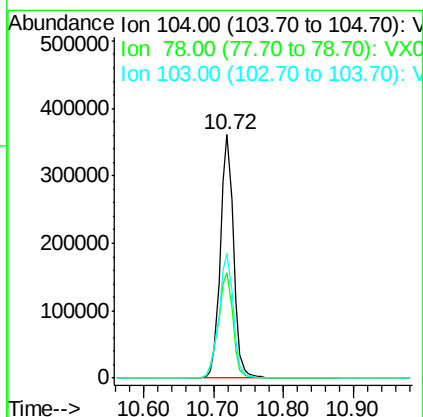
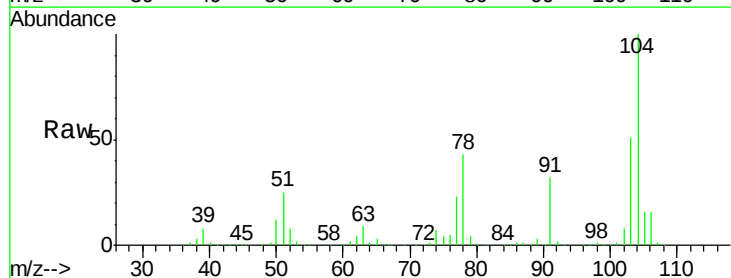
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

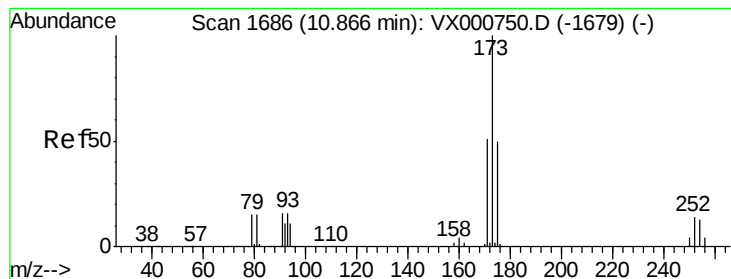
Tgt Ion:106 Resp: 281564
Ion Ratio Lower Upper
106 100
91 209.5 105.0 315.0



#70
Styrene
Concen: 53.46 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion:104 Resp: 474282
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 55.6 44.1 66.1





#71

Bromoform

Concen: 50.31 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

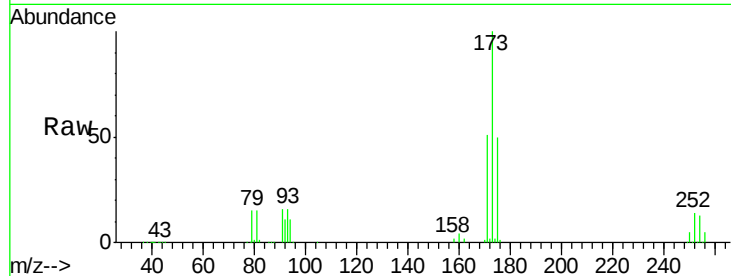
Tgt Ion:173 Resp: 145445

Ion Ratio Lower Upper

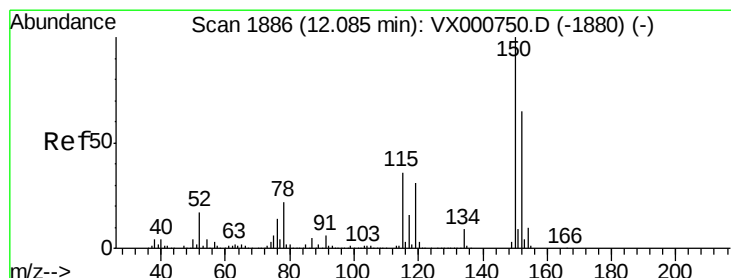
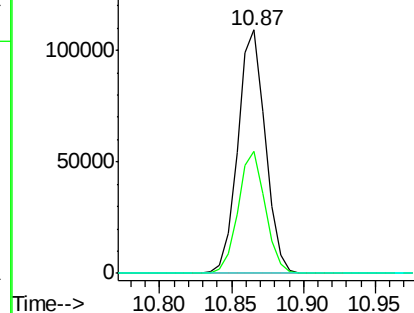
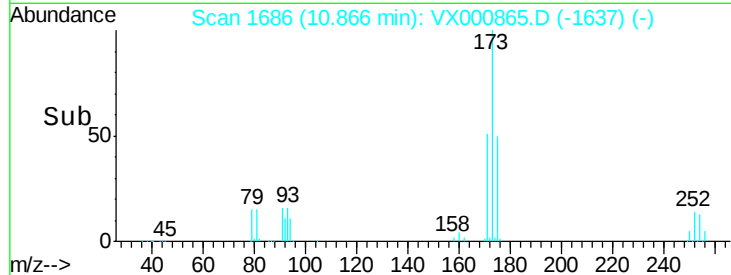
173 100

175 49.3 24.5 73.5

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: VX000865.D

Acq: 14 Apr 2018 10:18

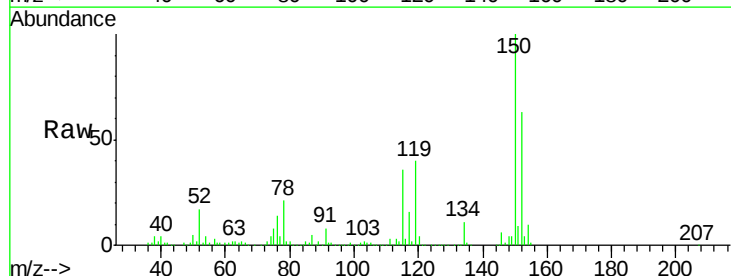
Tgt Ion:152 Resp: 225987

Ion Ratio Lower Upper

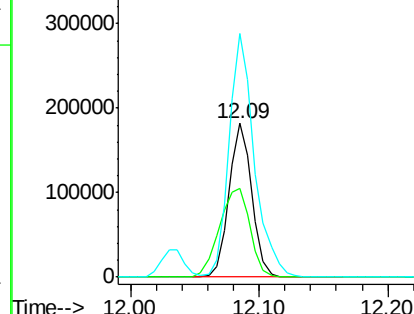
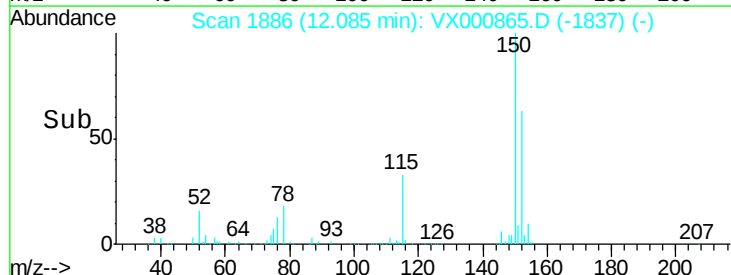
152 100

115 77.2 37.9 113.7

150 175.8 0.0 348.0



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





#73

Isopropylbenzene

Concen: 53.50 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

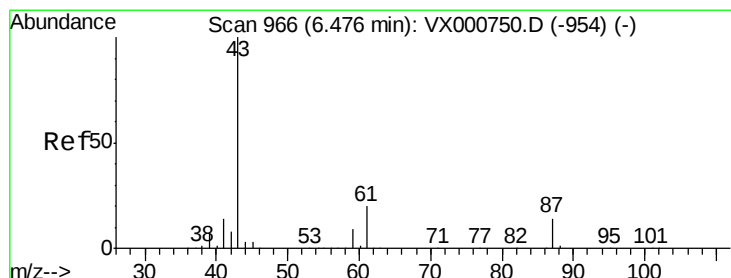
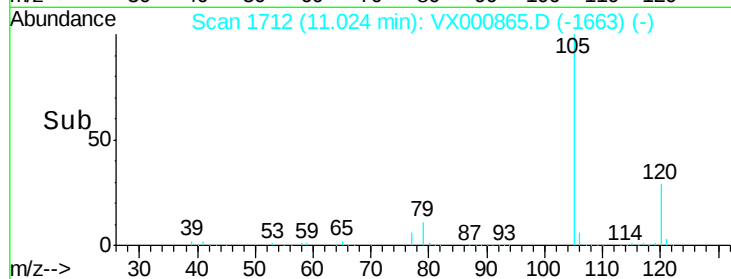
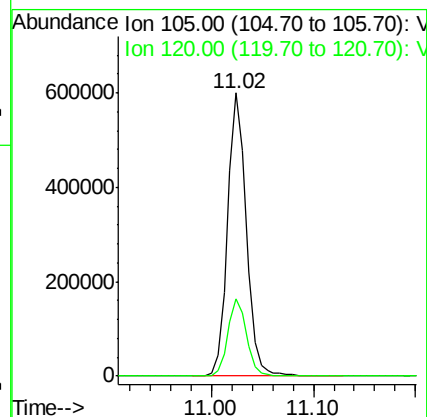
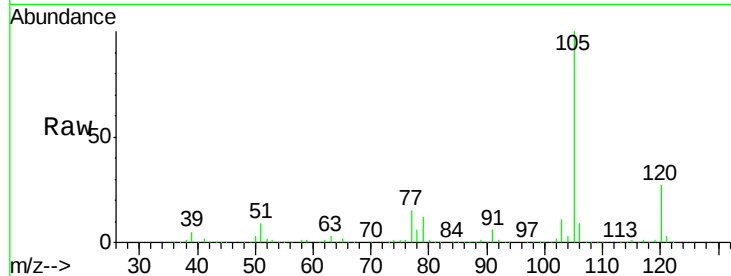
VSTDCCC050

Tgt Ion:105 Resp: 767028

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0



#74

N-ethyl acetate

Concen: 51.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion: 43 Resp: 333119

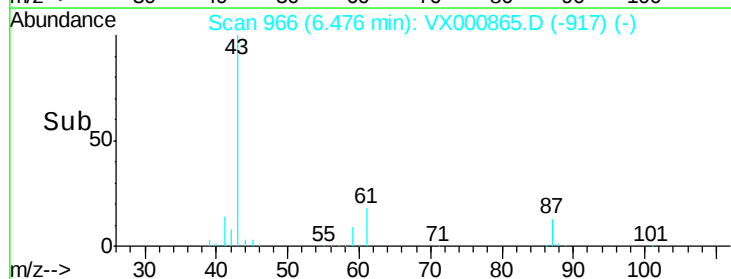
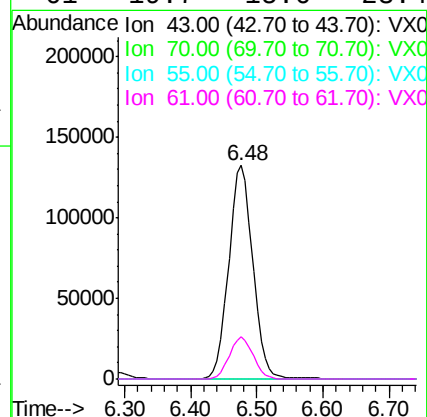
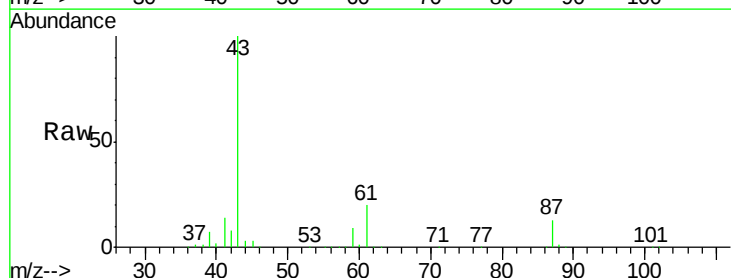
Ion Ratio Lower Upper

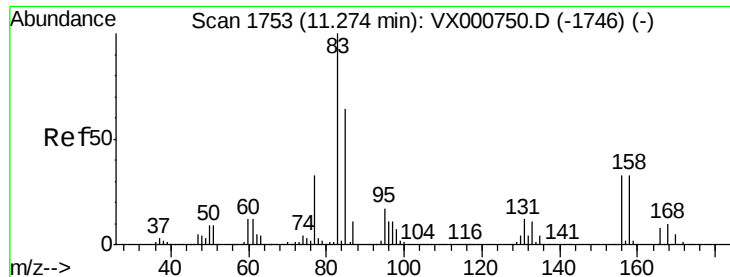
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.7 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.07 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

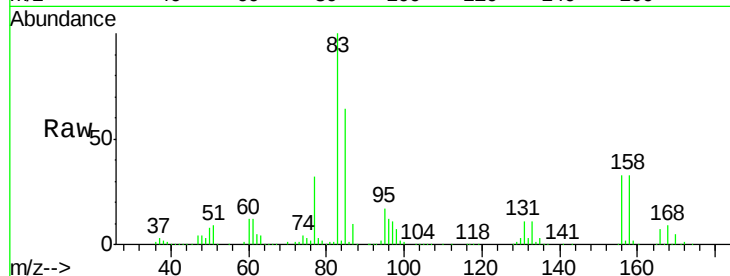
Tgt Ion: 83 Resp: 220803

Ion Ratio Lower Upper

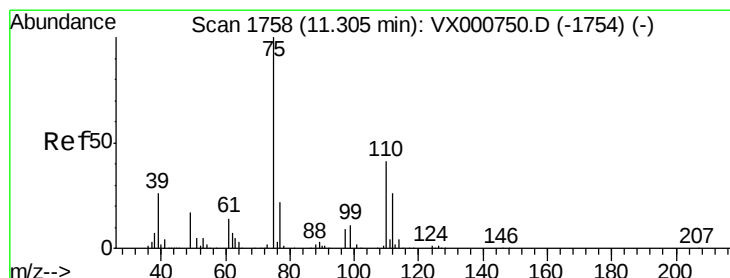
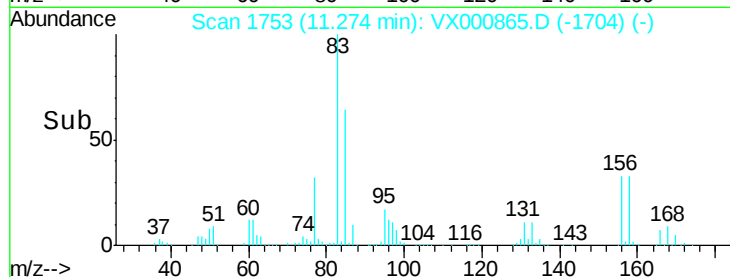
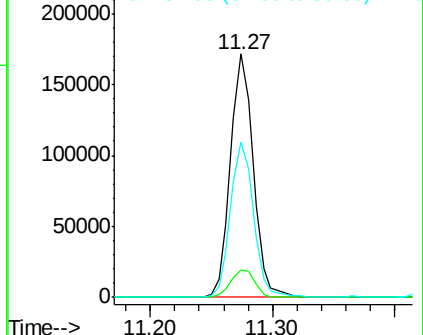
83 100

131 11.8 6.0 18.0

85 64.7 32.3 96.8



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: 67.74 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000865.D

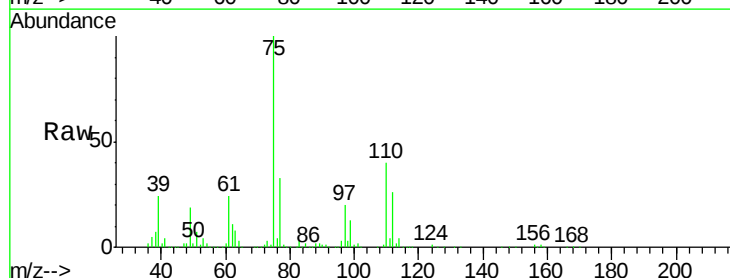
Acq: 14 Apr 2018 10:18

Tgt Ion: 75 Resp: 264024

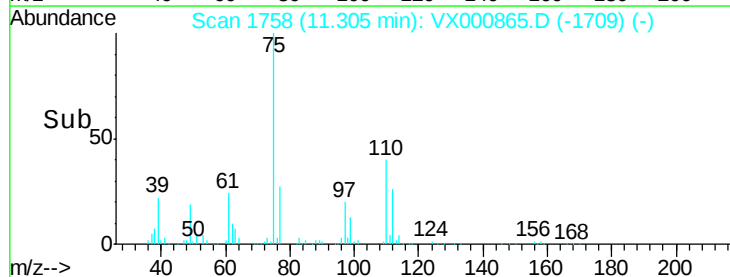
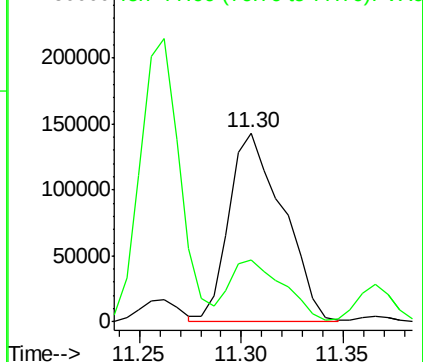
Ion Ratio Lower Upper

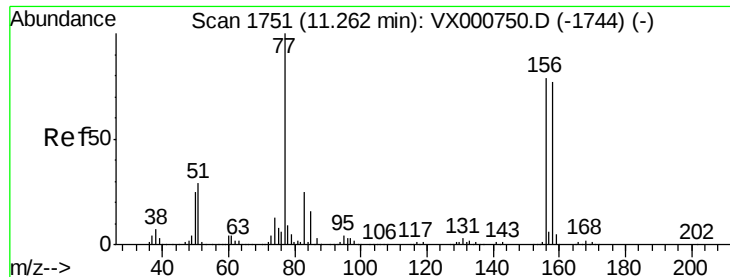
75 100

77 32.4 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

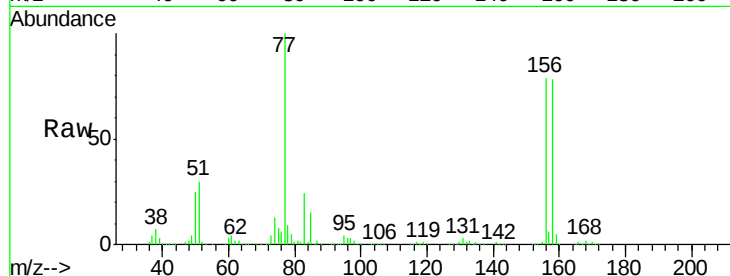
Tgt Ion:156 Resp: 220170

Ion Ratio Lower Upper

156 100

77 131.3 66.0 198.2

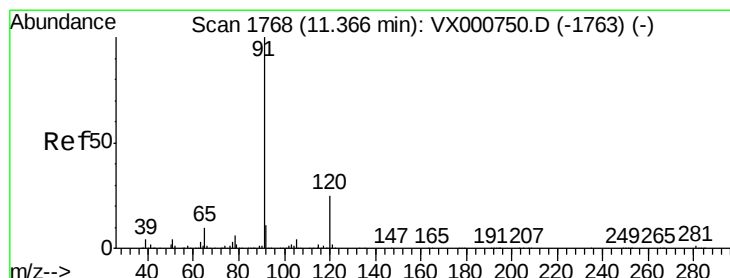
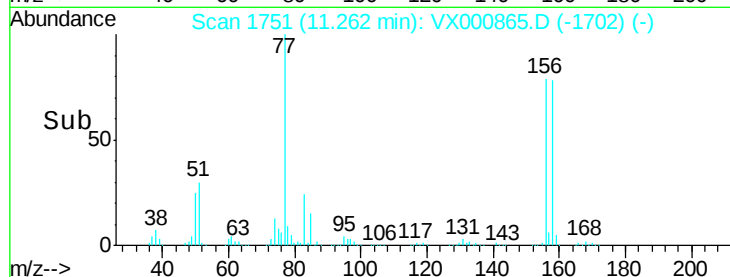
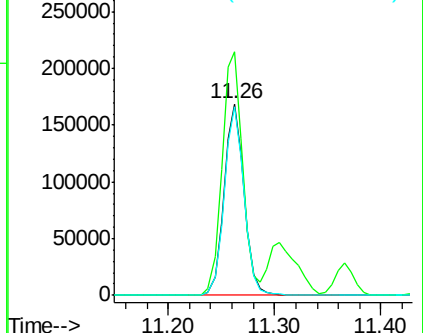
158 98.1 48.8 146.4



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: 52.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000865.D

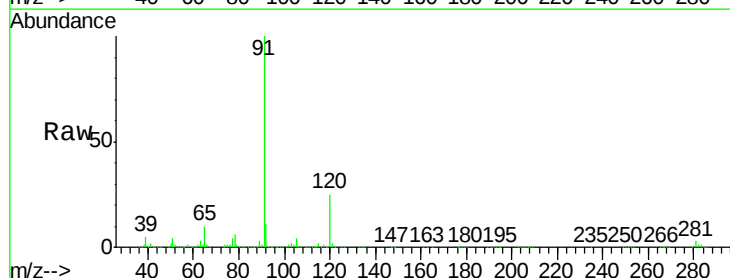
Acq: 14 Apr 2018 10:18

Tgt Ion: 91 Resp: 868068

Ion Ratio Lower Upper

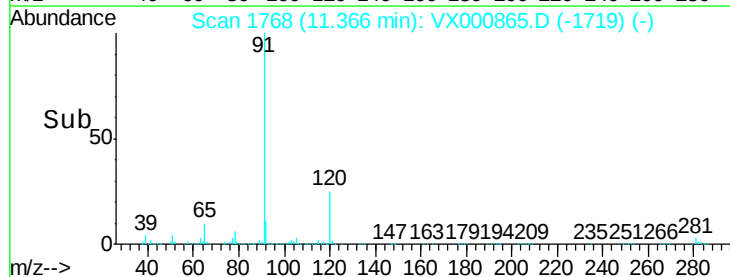
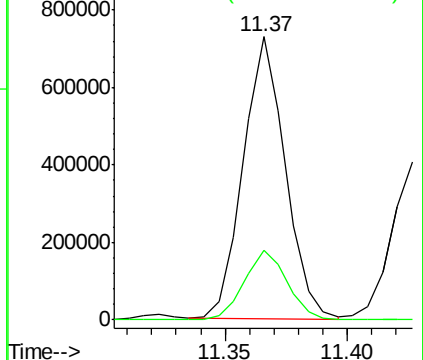
91 100

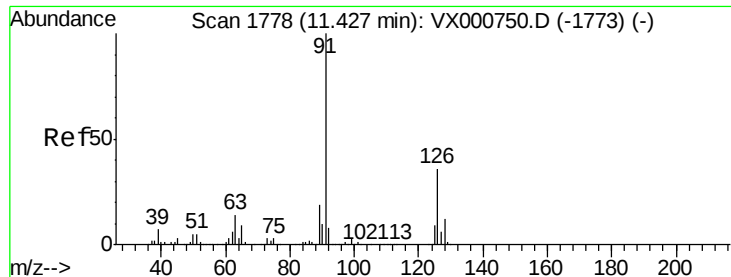
120 25.6 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.55 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

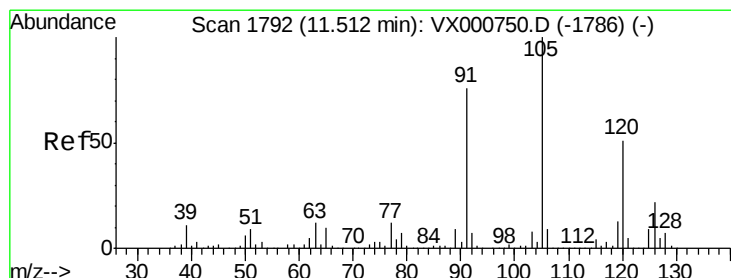
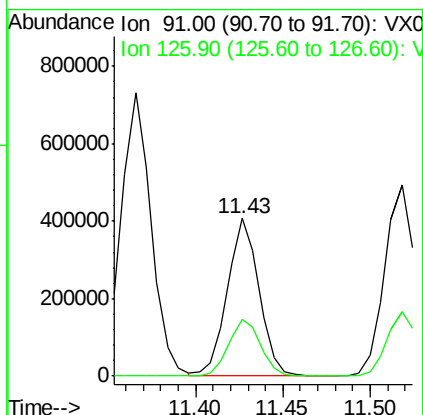
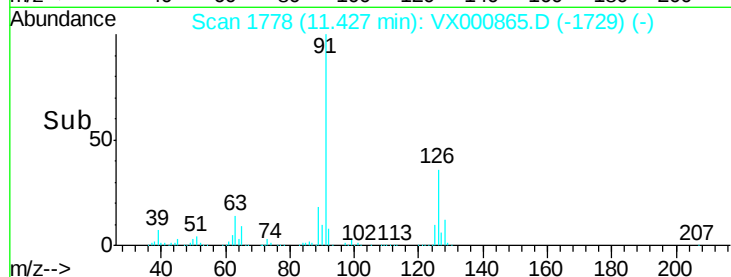
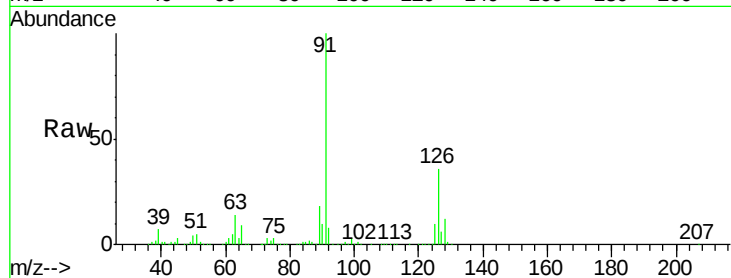
VSTDCCC050

Tgt Ion: 91 Resp: 509320

Ion Ratio Lower Upper

91 100

126 37.2 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 53.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000865.D

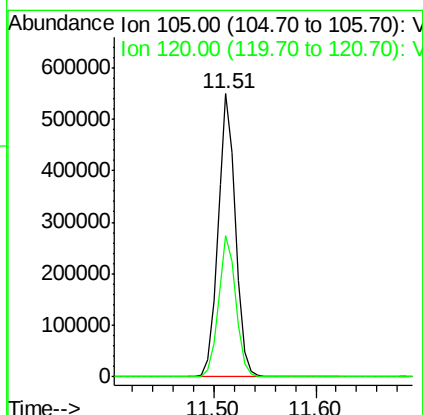
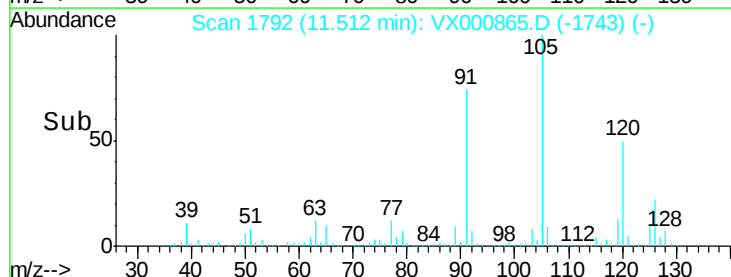
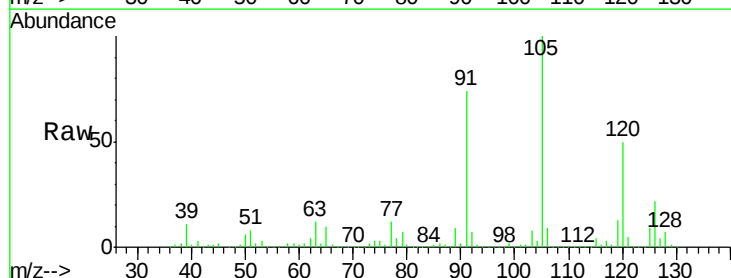
Acq: 14 Apr 2018 10:18

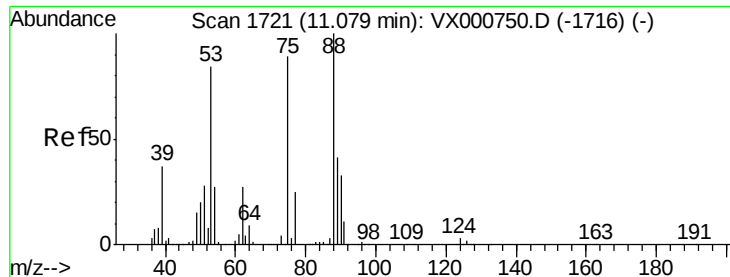
Tgt Ion: 105 Resp: 656878

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.07 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

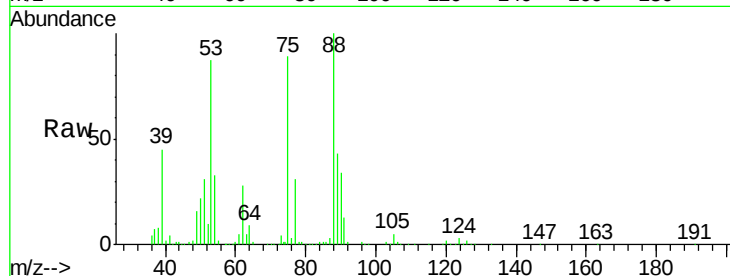
Tgt Ion: 75 Resp: 69527

Ion Ratio Lower Upper

75 100

53 96.0 75.4 113.0

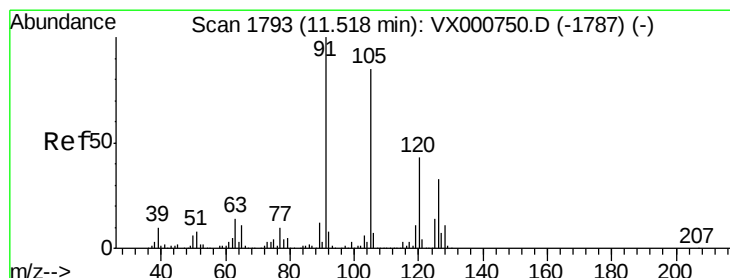
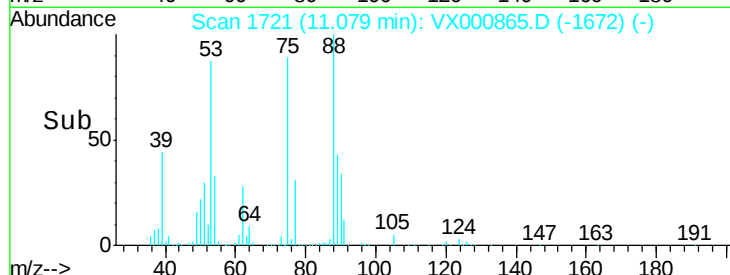
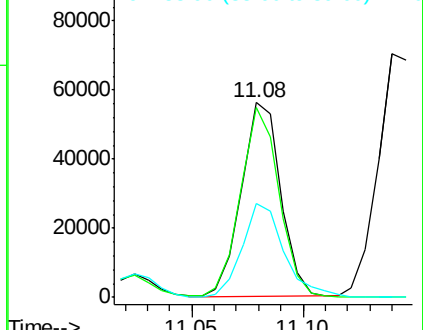
89 51.6 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.31 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000865.D

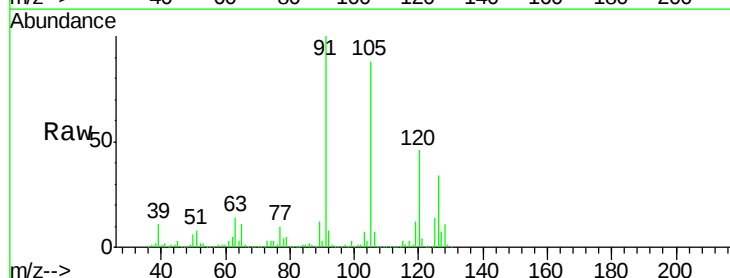
Acq: 14 Apr 2018 10:18

Tgt Ion: 91 Resp: 611969

Ion Ratio Lower Upper

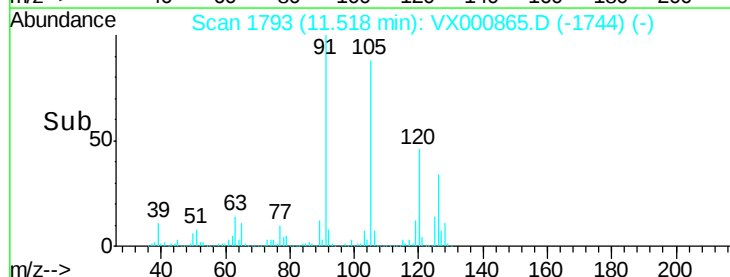
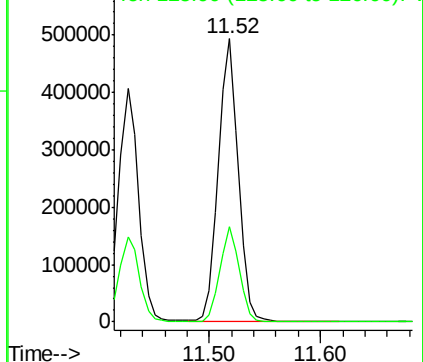
91 100

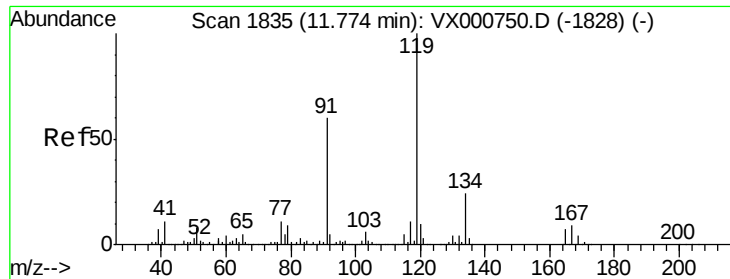
126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

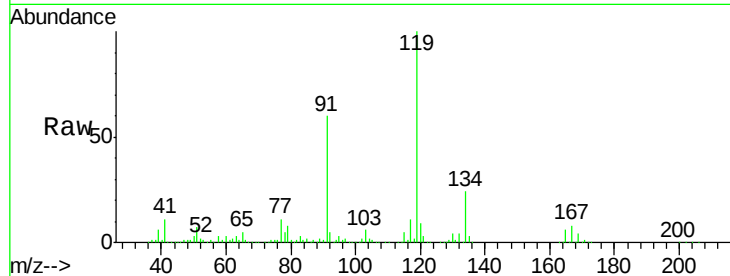




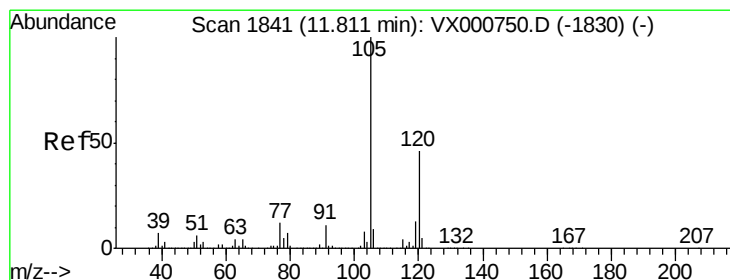
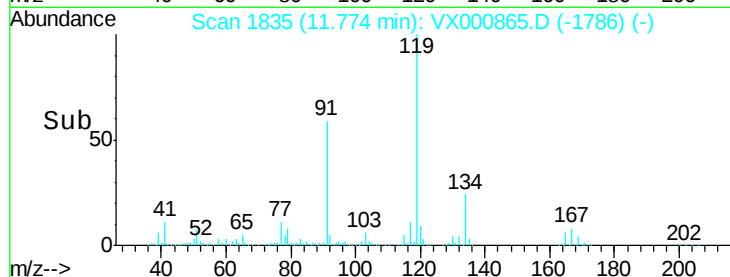
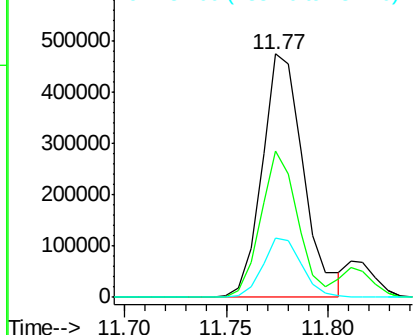
#83
 tert-Butylbenzene
 Concen: 52.99 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 668350
 Ion Ratio Lower Upper
 119 100
 91 53.6 26.8 80.3
 134 23.2 11.5 34.4

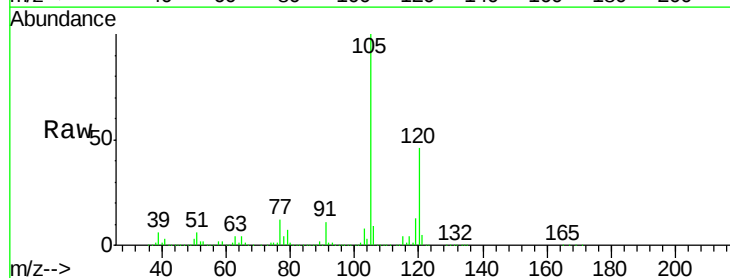


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

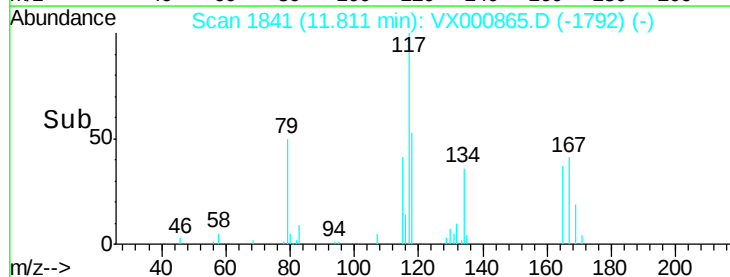
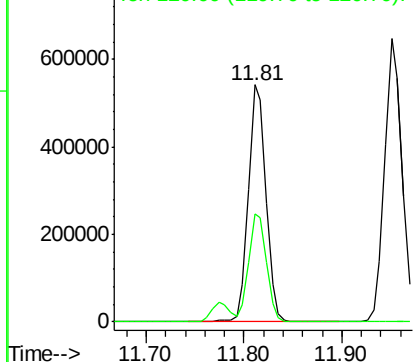


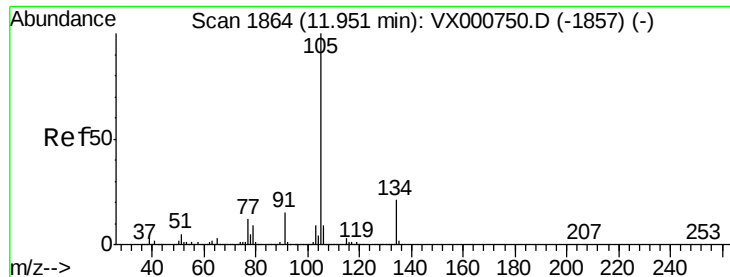
#84
 1,2,4-Trimethylbenzene
 Concen: 53.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion:105 Resp: 676193
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

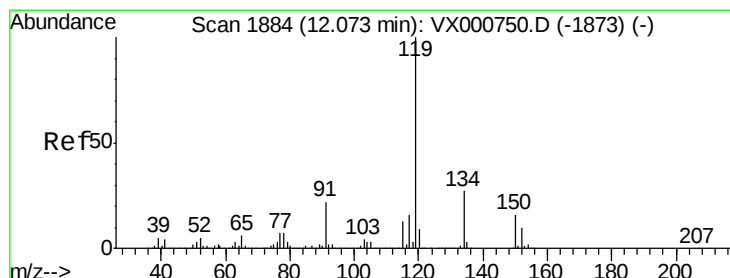
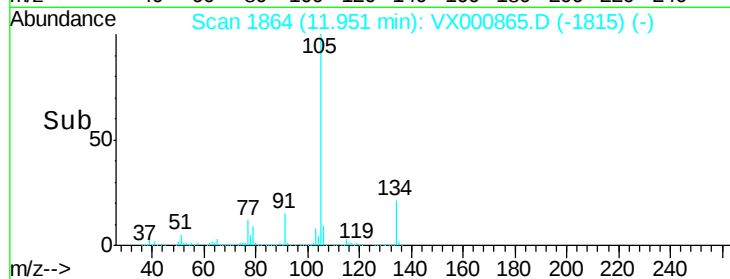
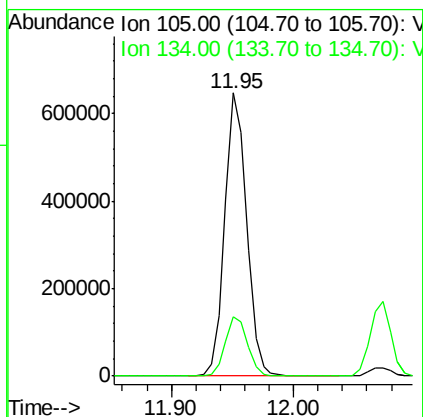
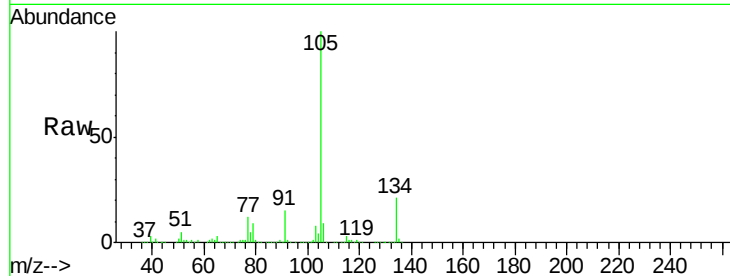




#85
 sec-Butylbenzene
 Concen: 53.78 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

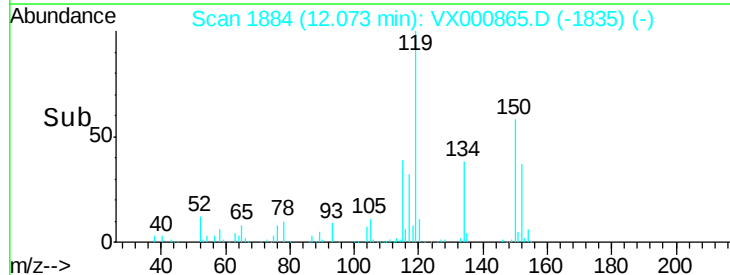
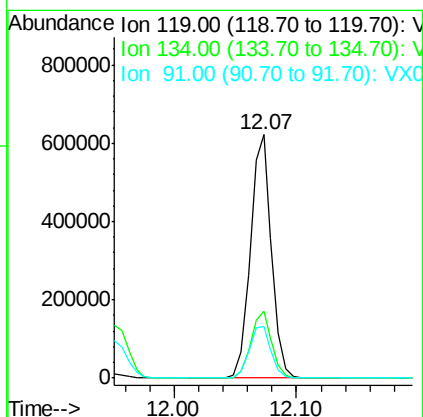
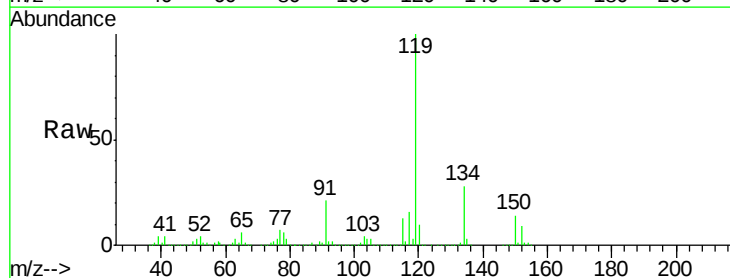
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

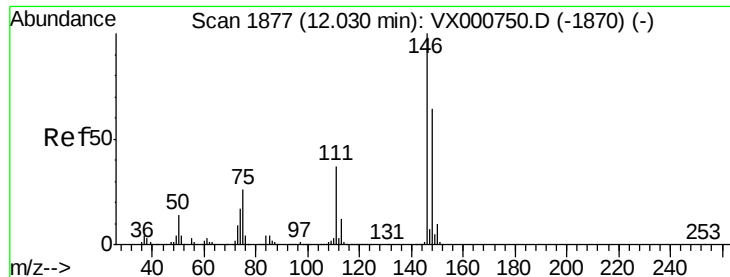
Tgt Ion:105 Resp: 800248
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 53.52 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion:119 Resp: 742740
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 53.27 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

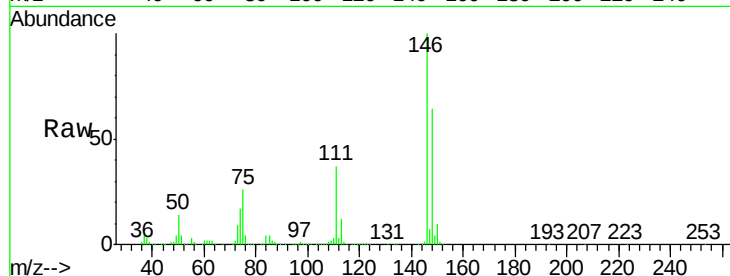
Tgt Ion:146 Resp: 414289

Ion Ratio Lower Upper

146 100

111 36.3 18.3 54.8

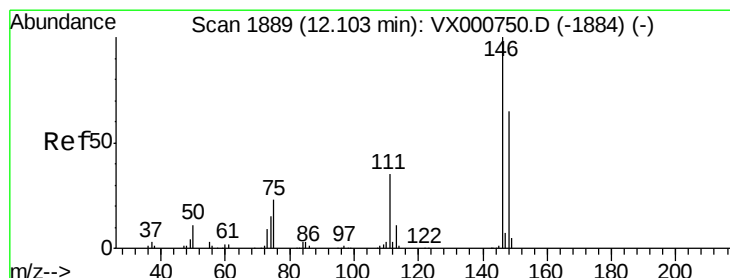
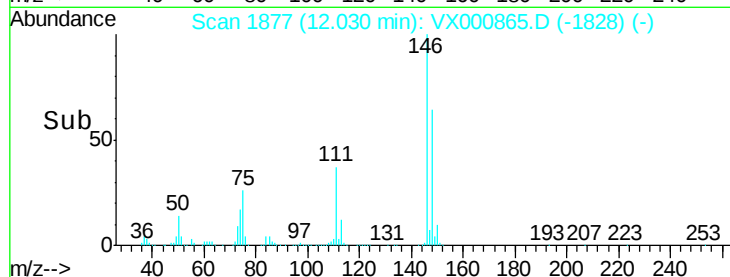
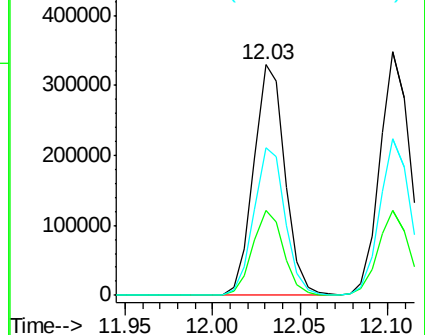
148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.77 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

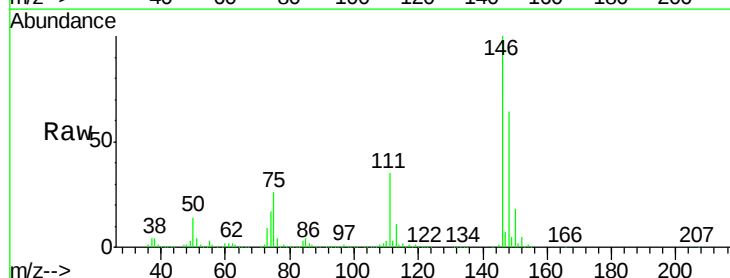
Tgt Ion:146 Resp: 420587

Ion Ratio Lower Upper

146 100

111 35.3 17.9 53.8

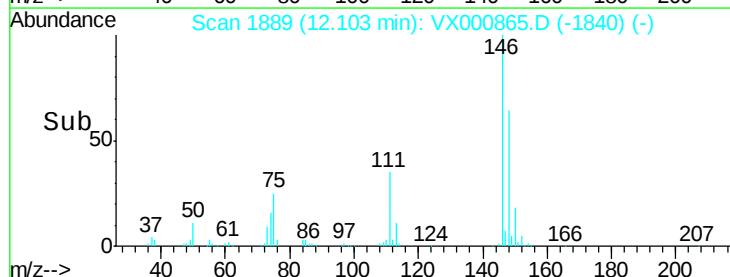
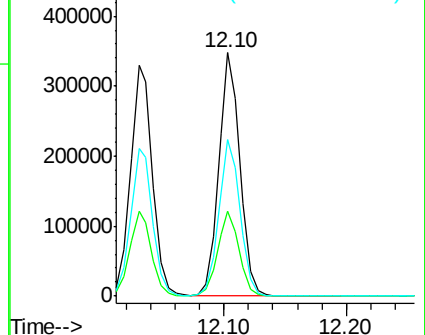
148 64.6 32.6 97.7



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: 54.58 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

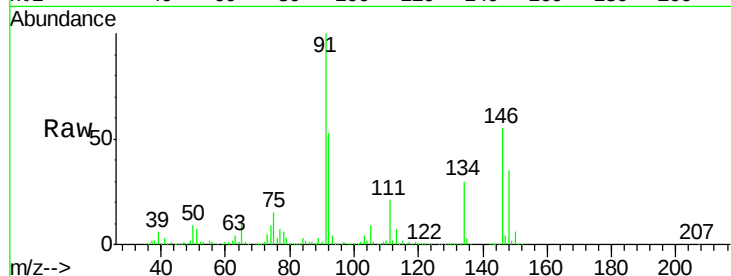
Tgt Ion: 91 Resp: 668542

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

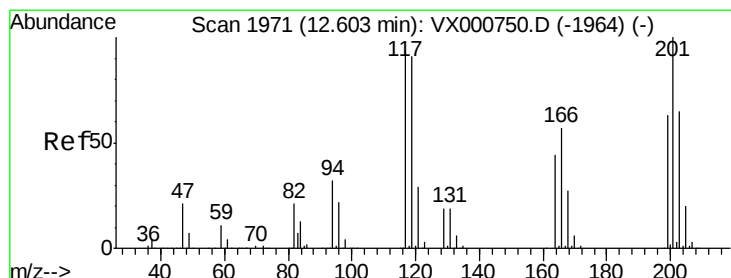
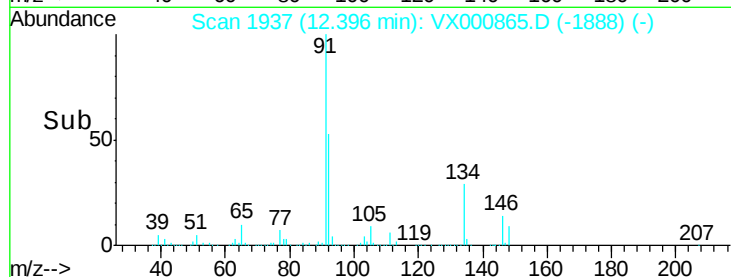
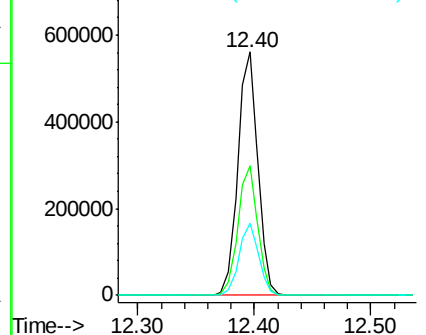
134 29.1 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VX000865.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000865.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000865.D (-1930) (-)



#90

Hexachloroethane

Concen: 49.03 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000865.D

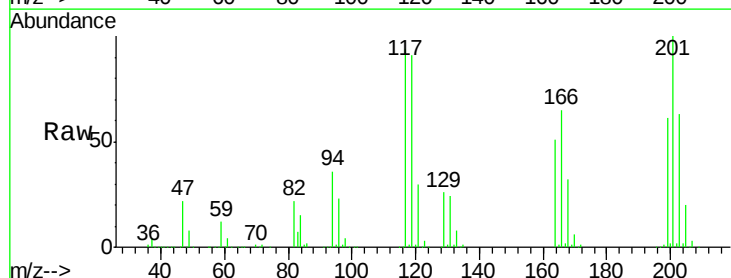
Acq: 14 Apr 2018 10:18

Tgt Ion: 117 Resp: 115137

Ion Ratio Lower Upper

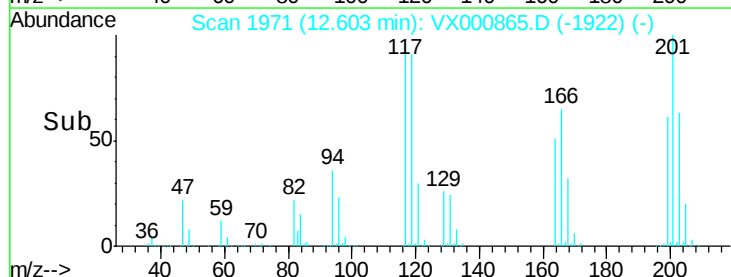
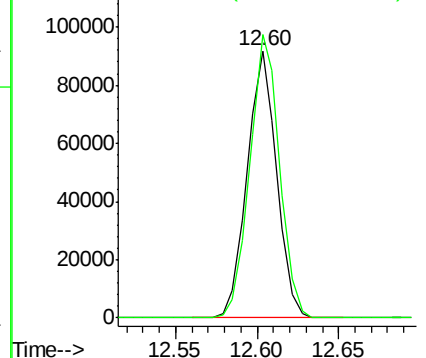
117 100

201 107.2 52.9 158.7



Abundance Ion 116.80 (116.50 to 117.50): VX000865.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000865.D (-1964) (-)

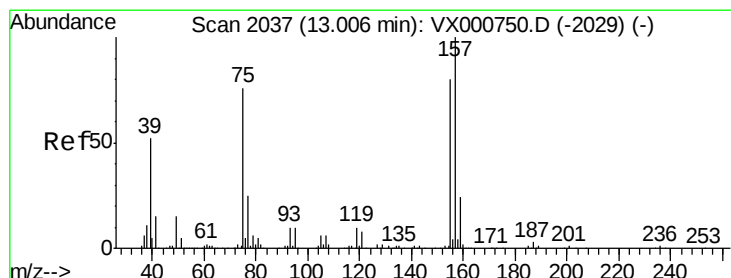
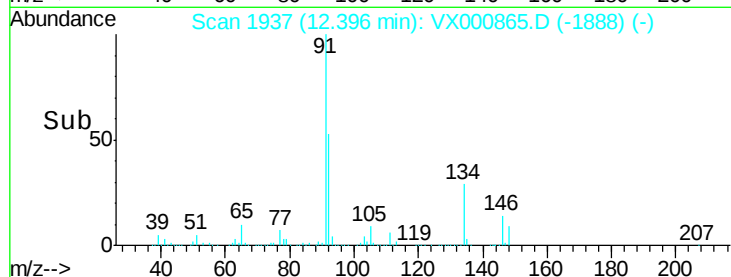
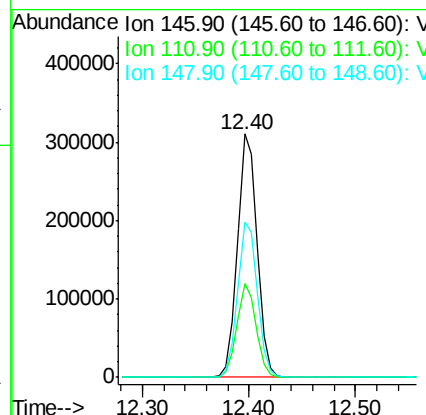
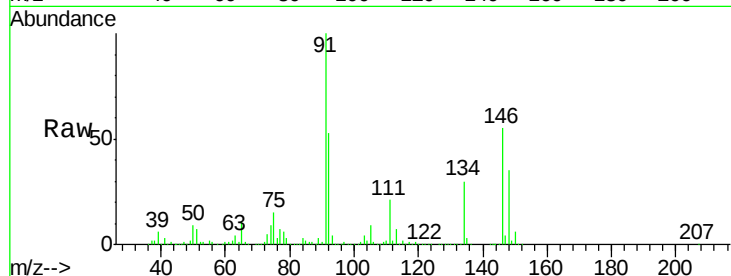




#91
 1,2-Dichlorobenzene
 Concen: 53.57 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

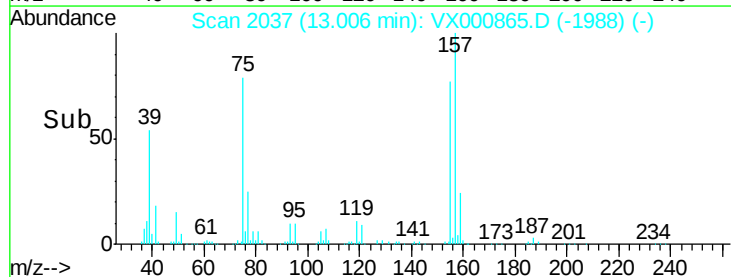
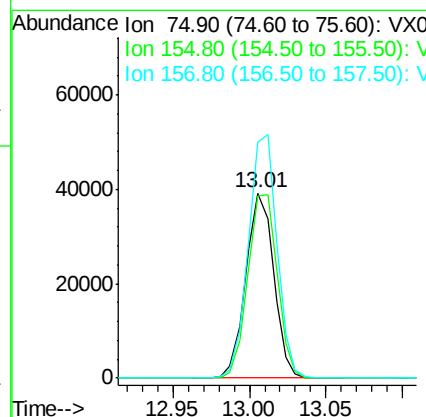
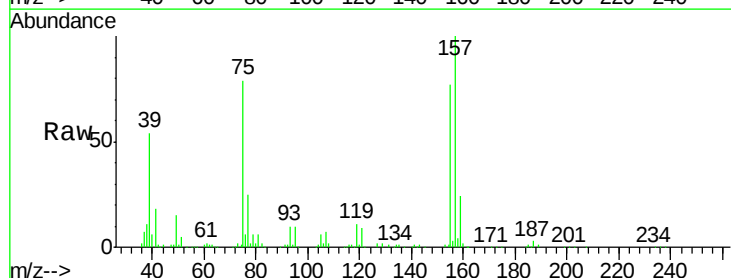
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

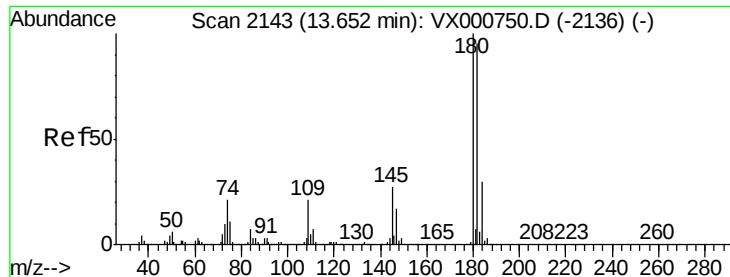
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.2	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.6	51.9	155.8
157	134.5	66.6	199.8

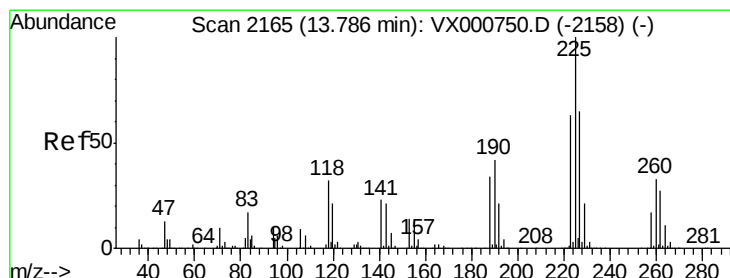
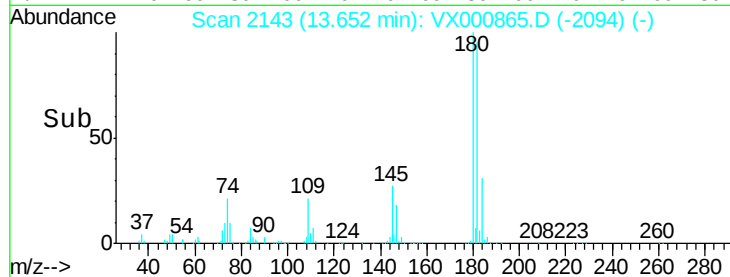
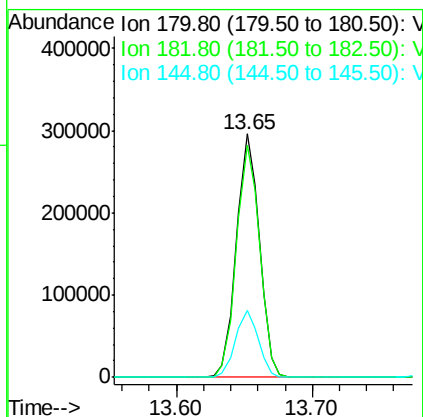
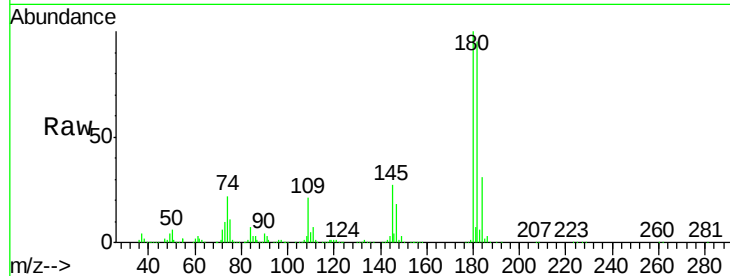




#93
 1,2,4-Trichlorobenzene
 Concen: 54.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

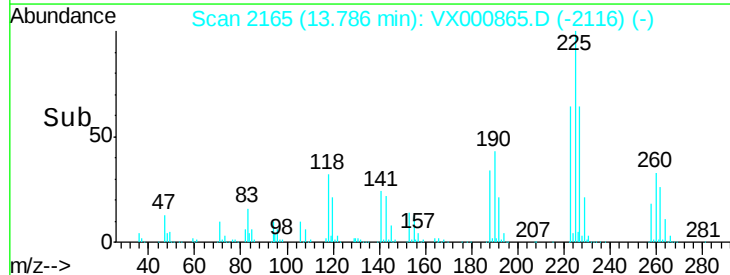
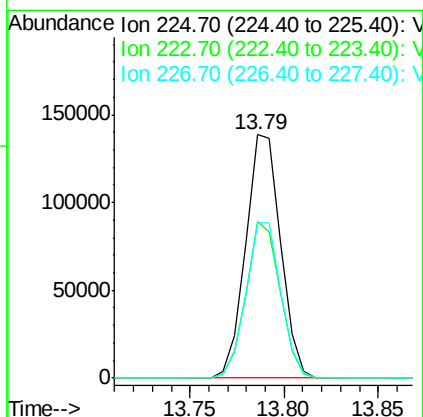
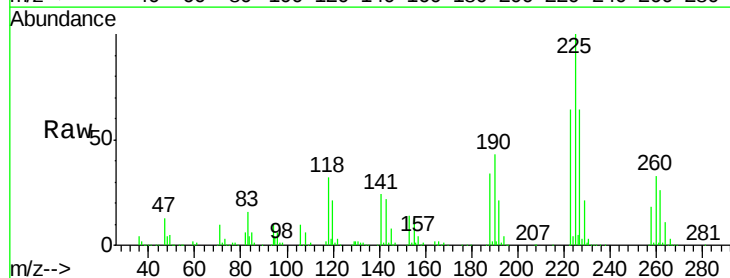
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

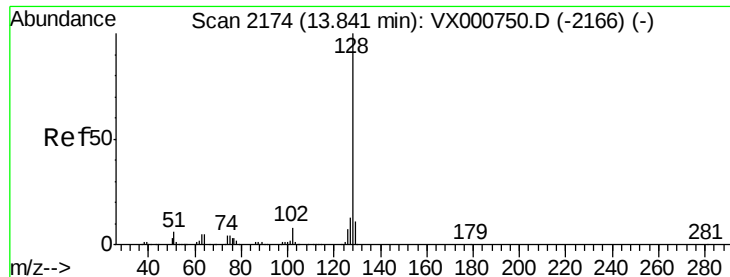
Tgt Ion:180 Resp: 347636
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.5 142.5
 145 27.5 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 56.64 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion:225 Resp: 178415
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 63.7 32.3 96.9





#95

Naphthalene

Concen: 54.20 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

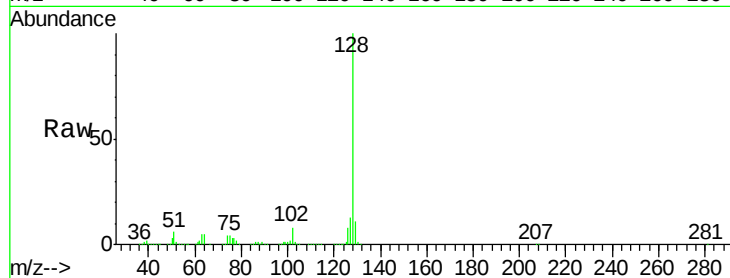
Tgt Ion:128 Resp: 891240

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

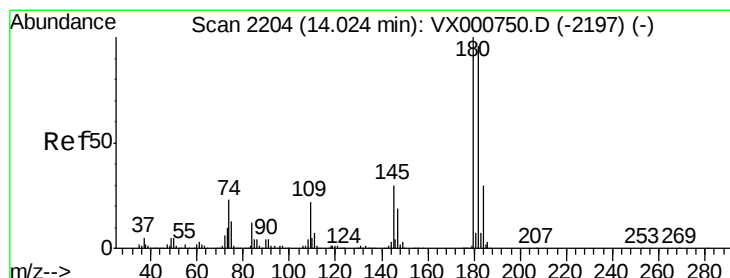
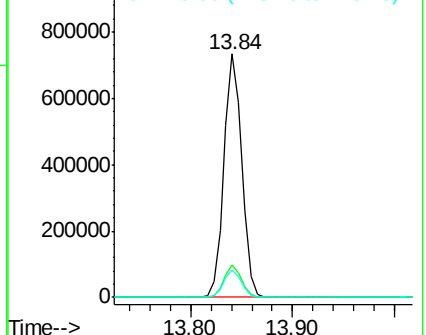
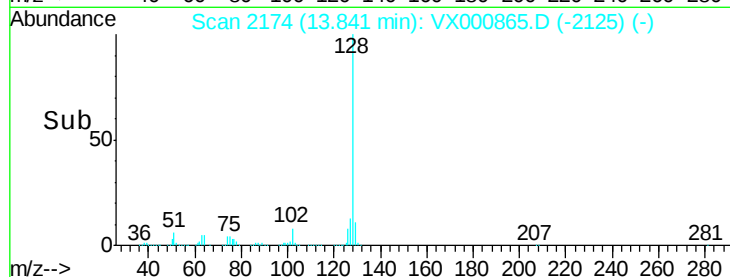
129 11.0 8.7 13.1



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: 54.64 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

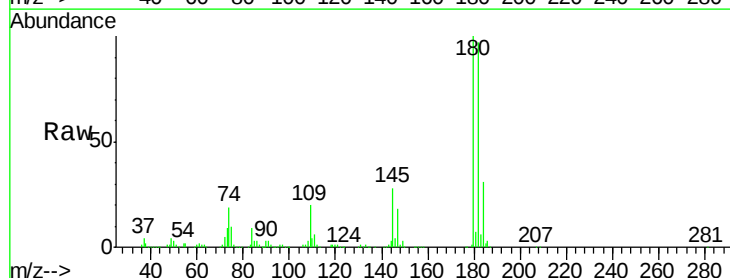
Tgt Ion:180 Resp: 339990

Ion Ratio Lower Upper

180 100

182 95.9 48.4 145.2

145 29.1 14.6 43.8



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

