

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002866.D
 Acq On : 25 Jun 2018 18:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 05:24:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185216	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.51	113	149127	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.72	98	554368	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	216548	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117864	47.38	ug/l	98
3) Chloromethane	1.32	50	121171	46.85	ug/l	100
4) Vinyl Chloride	1.40	62	139941	44.43	ug/l	98
5) Bromomethane	1.64	94	74472	50.69	ug/l	99
6) Chloroethane	1.72	64	90070	48.68	ug/l	98
7) Trichlorofluoromethane	1.93	101	252000	47.43	ug/l	99
8) Diethyl Ether	2.19	74	90909	47.06	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142472	46.28	ug/l	98
10) Methyl Iodide	2.51	142	114738	38.40	ug/l	99
11) Tert butyl alcohol	3.07	59	192084	250.47	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125935	45.85	ug/l	95
13) Acrolein	2.29	56	96918	228.32	ug/l	100
14) Allyl chloride	2.73	41	255697	47.22	ug/l	98
15) Acrylonitrile	3.15	53	400794	244.67	ug/l	100
16) Acetone	2.45	43	393942	247.09	ug/l	99
17) Carbon Disulfide	2.57	76	318280	43.49	ug/l	98
18) Methyl Acetate	2.78	43	231531	51.94	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	470641	47.66	ug/l	98
20) Methylene Chloride	2.85	84	141195	45.51	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	137369	45.91	ug/l	97
22) Diisopropyl ether	3.87	45	494312	47.76	ug/l	96
23) Vinyl Acetate	3.82	43	2110649	240.82	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266068	47.30	ug/l	99
25) 2-Butanone	4.71	43	595409	251.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	215153	47.03	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157493	46.95	ug/l	94
28) Bromochloromethane	5.02	49	130699	48.54	ug/l	94
29) Tetrahydrofuran	5.17	42	377554	248.83	ug/l	98
30) Chloroform	5.22	83	272515	47.20	ug/l	98
31) Cyclohexane	5.57	56	229611	47.56	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	243755	47.99	ug/l	99
36) 1,1-Dichloropropene	5.80	75	198962	48.46	ug/l	99
37) Ethyl Acetate	4.86	43	223234	50.50	ug/l	99
38) Carbon Tetrachloride	5.78	117	221278	49.11	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002866.D
 Acq On : 25 Jun 2018 18:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 05:24:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239793	50.14	ug/l	98
40) Benzene	6.15	78	583351	48.90	ug/l	100
41) Methacrylonitrile	5.07	41	128463	50.46	ug/l	99
42) 1,2-Dichloroethane	6.20	62	230313	47.79	ug/l	100
43) Isopropyl Acetate	6.47	43	370445	49.96	ug/l	99
44) Trichloroethene	7.21	130	174781	49.14	ug/l	98
45) 1,2-Dichloropropane	7.52	63	153728	48.58	ug/l	100
46) Dibromomethane	7.67	93	105821	48.19	ug/l	97
47) Bromodichloromethane	7.90	83	205040	50.50	ug/l	98
48) Methyl methacrylate	7.78	41	195671	51.22	ug/l	98
49) 1,4-Dioxane	7.76	88	75899	1021.19	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1221530	263.33	ug/l	99
52) Toluene	8.79	92	382854	50.10	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	241708	52.57	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	227003	51.31	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156043	49.69	ug/l	99
56) Ethyl methacrylate	9.18	69	235642	51.34	ug/l	98
57) 1,3-Dichloropropane	9.37	76	255598	49.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	572516	258.56	ug/l	98
59) 2-Hexanone	9.50	43	937831	266.02	ug/l	97
60) Dibromochloromethane	9.59	129	170634	51.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166723	50.61	ug/l	100
64) Tetrachloroethene	9.34	164	195480	48.86	ug/l	97
65) Chlorobenzene	10.14	112	443467	48.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	165758	49.93	ug/l	99
67) Ethyl Benzene	10.26	91	766327	50.76	ug/l	99
68) m/p-Xylenes	10.36	106	593325	101.98	ug/l	99
69) o-Xylene	10.70	106	286906	50.64	ug/l	99
70) Styrene	10.71	104	475290	51.63	ug/l	99
71) Bromoform	10.86	173	136938	45.99	ug/l	99
73) Isopropylbenzene	11.02	105	792660	50.78	ug/l	100
74) N-amyl acetate	6.47	43	370445	48.50	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232257	48.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	281966	67.09	ug/l	79
77) Bromobenzene	11.26	156	215945	48.58	ug/l	98
78) n-propylbenzene	11.37	91	916727	51.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	532033	49.46	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674351	51.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67364	46.74	ug/l	98
82) 4-Chlorotoluene	11.51	91	639201	50.19	ug/l	99
83) tert-Butylbenzene	11.77	119	662291	51.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	691322	50.75	ug/l	100
85) sec-Butylbenzene	11.95	105	811752	51.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	738088	52.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	402600	49.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405740	48.56	ug/l	99
89) n-Butylbenzene	12.39	91	644037	52.36	ug/l	99
90) Hexachloroethane	12.60	117	111691	53.14	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	401422	48.99	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55294	51.15	ug/l	97

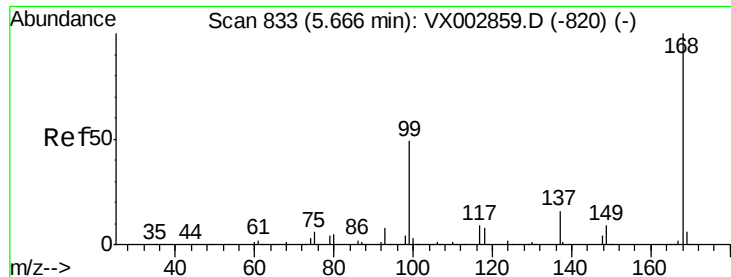
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062518\
Data File : VX002866.D
Acq On : 25 Jun 2018 18:26
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 27 05:24:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	309241	51.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	157217	52.86	ug/l	99
95) Naphthalene	13.84	128	838063	52.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306219	51.41	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

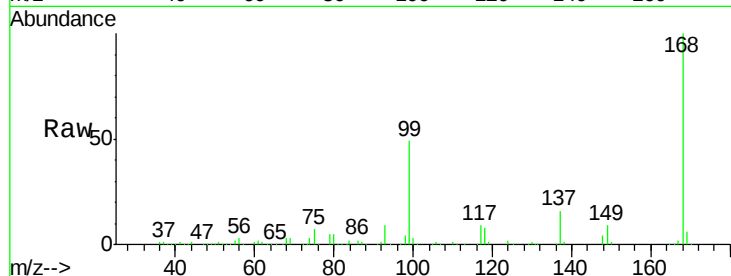
VSTDCCC050

Tot Ion:168 Resp: 278525

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

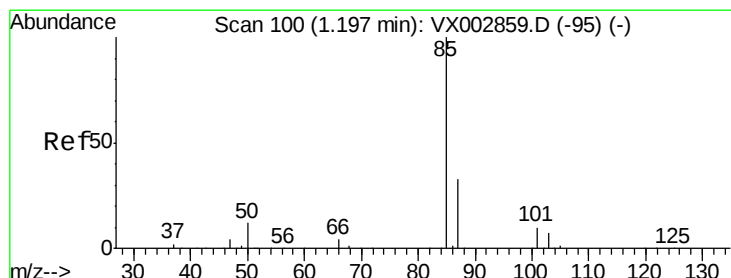
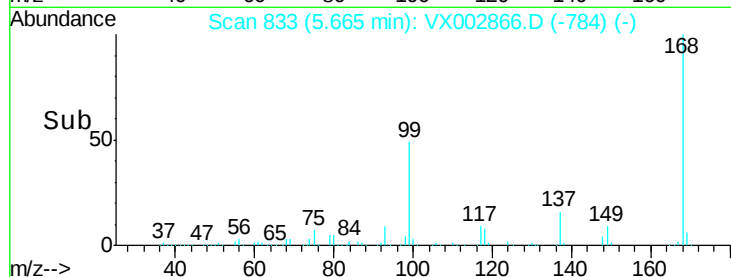
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002866.D

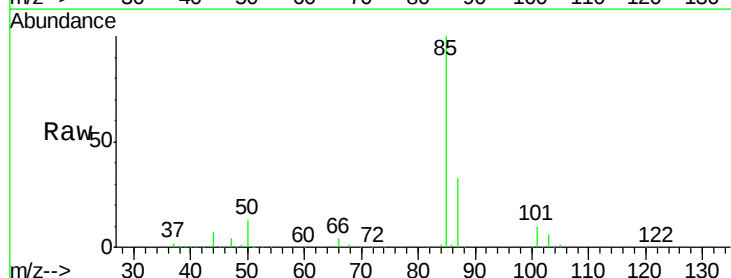
Acq: 25 Jun 2018 18:26

Tgt Ion: 85 Resp: 117864

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

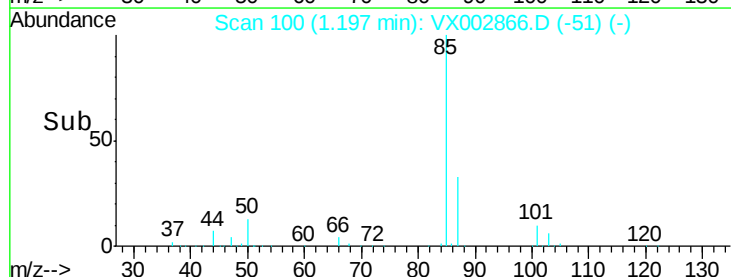
100000

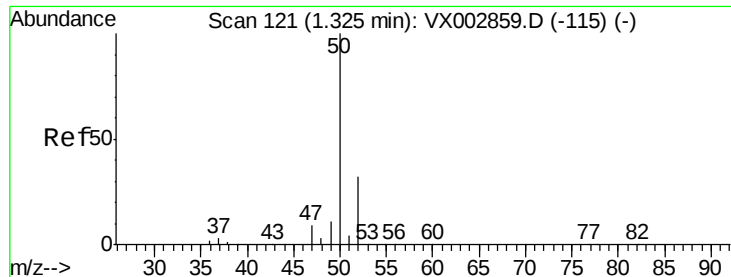
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.85 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

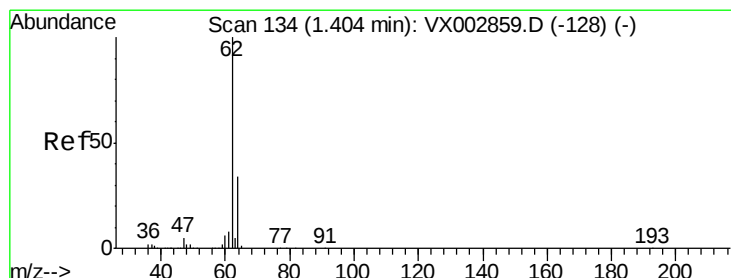
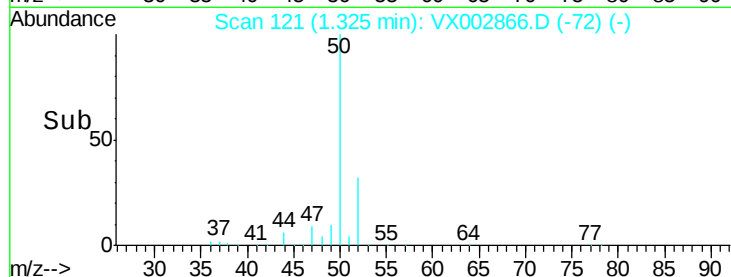
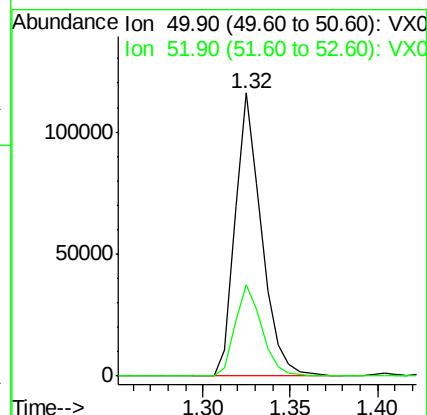
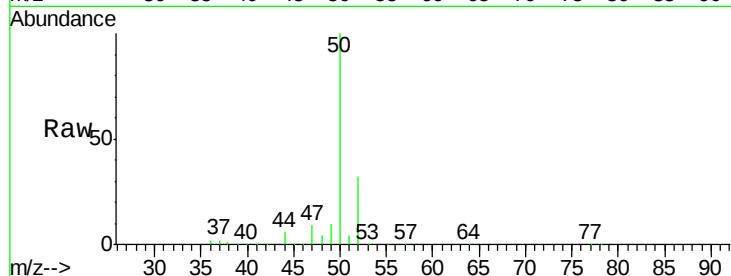
VSTDCCC050

Tot Ion: 50 Resp: 121171

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 44.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002866.D

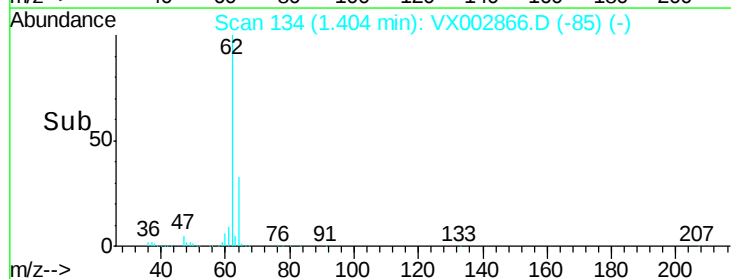
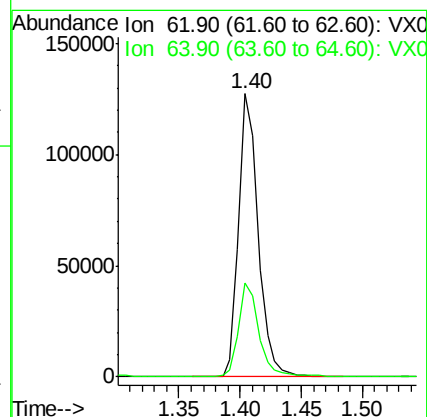
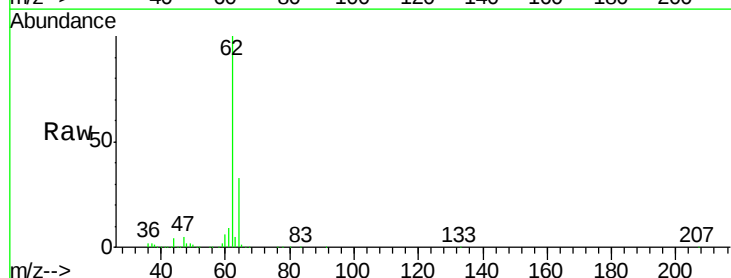
Acq: 25 Jun 2018 18:26

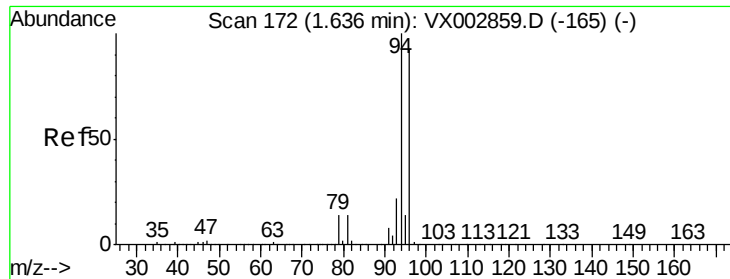
Tgt Ion: 62 Resp: 139941

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 50.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

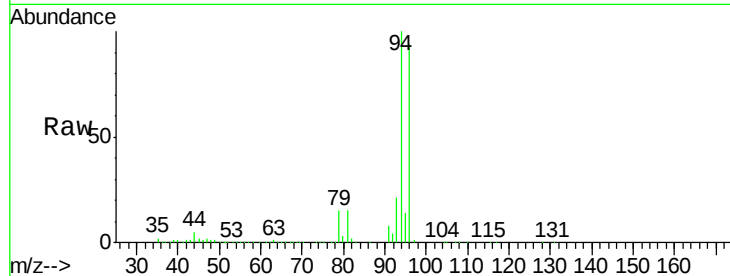
VSTDCCC050

Tot Ion: 94 Resp: 74472

Ion Ratio Lower Upper

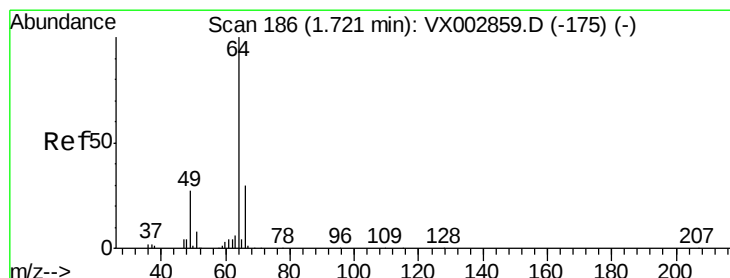
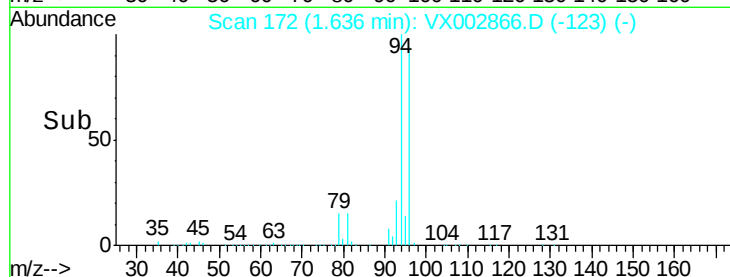
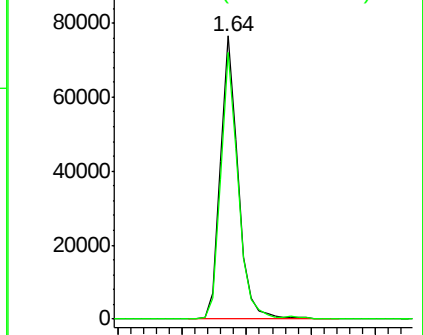
94 100

96 94.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.68 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002866.D

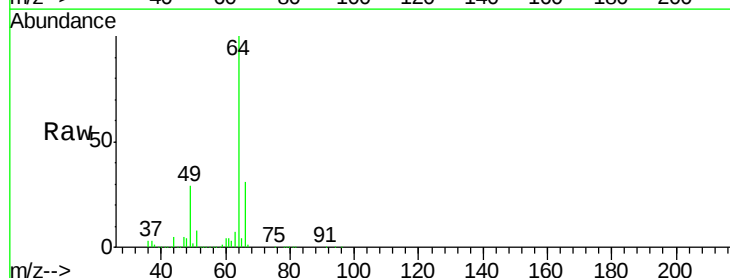
Acq: 25 Jun 2018 18:26

Tgt Ion: 64 Resp: 90070

Ion Ratio Lower Upper

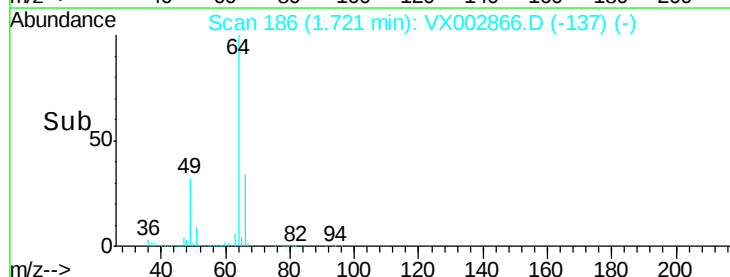
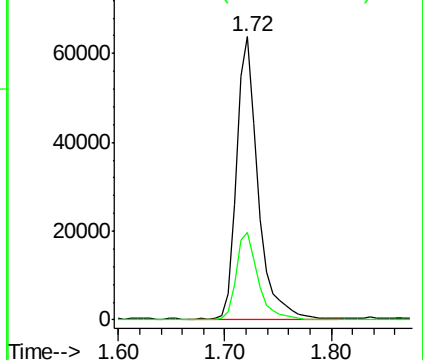
64 100

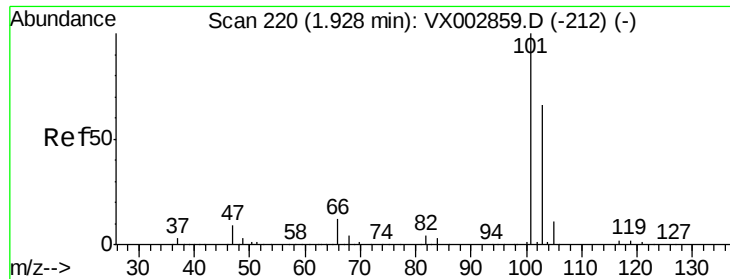
66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 47.43 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

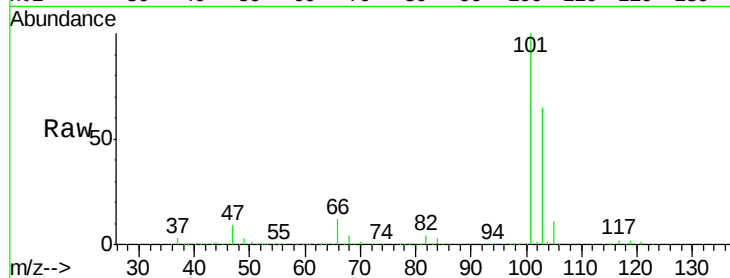
VSTDCCC050

Tot Ion:101 Resp: 252000

Ion Ratio Lower Upper

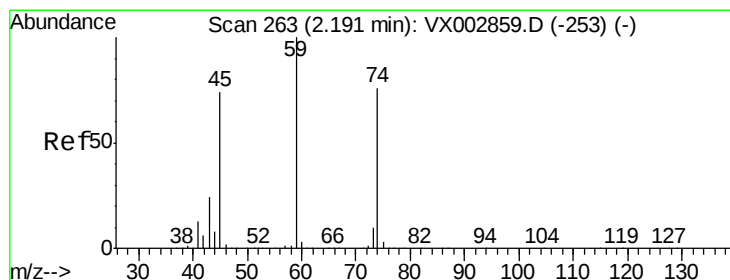
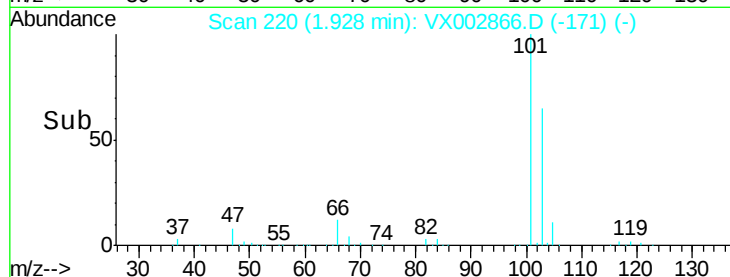
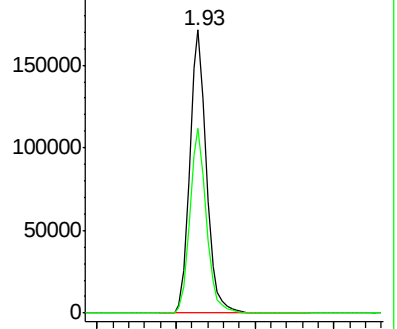
101 100

103 65.4 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.06 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX002866.D

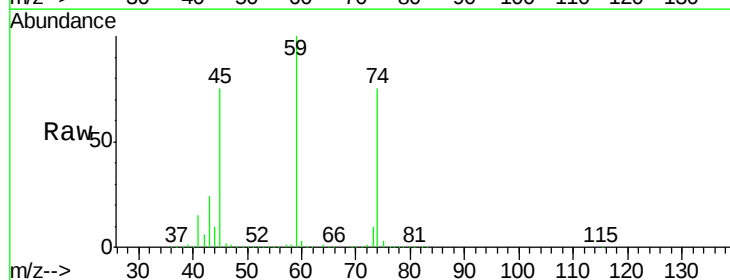
Acq: 25 Jun 2018 18:26

Tgt Ion: 74 Resp: 90909

Ion Ratio Lower Upper

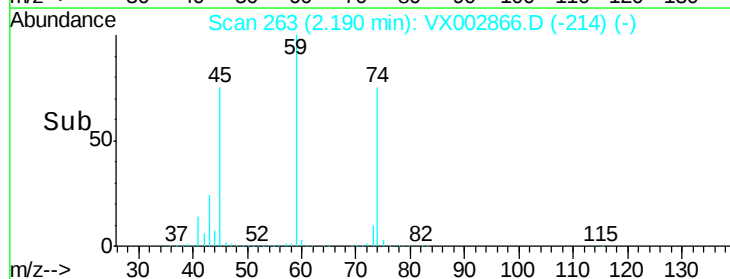
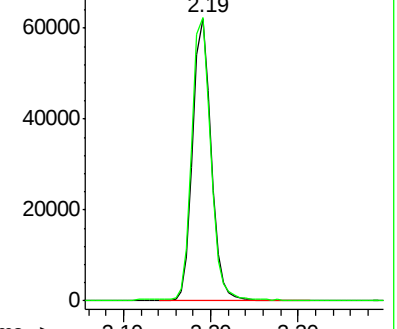
74 100

45 102.0 53.1 159.4



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: 46.28 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

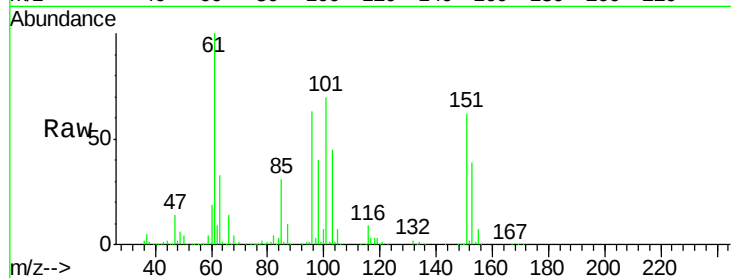
Tot Ion:101 Resp: 142472

Ion Ratio Lower Upper

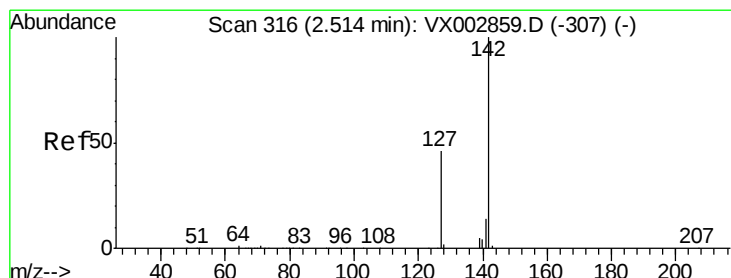
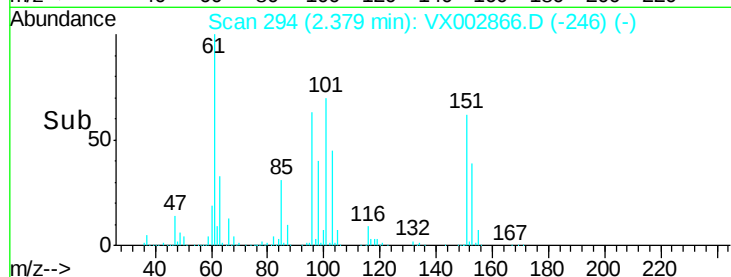
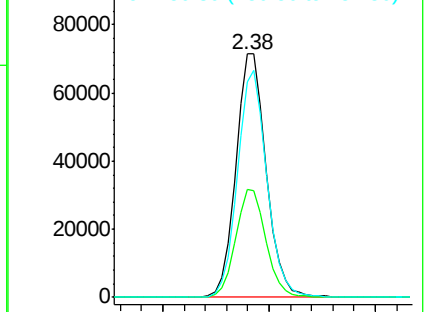
101 100

85 44.5 36.0 54.0

151 90.6 70.9 106.3



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



#10

Methyl Iodide

Concen: 38.40 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

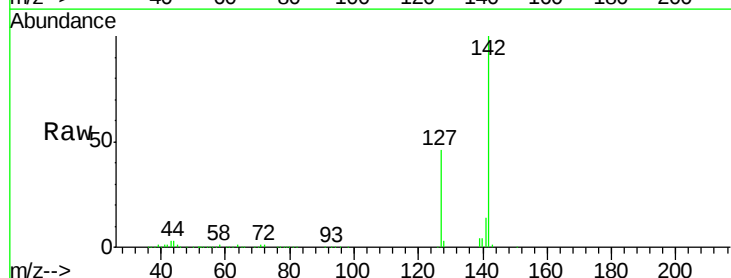
Tgt Ion:142 Resp: 114738

Ion Ratio Lower Upper

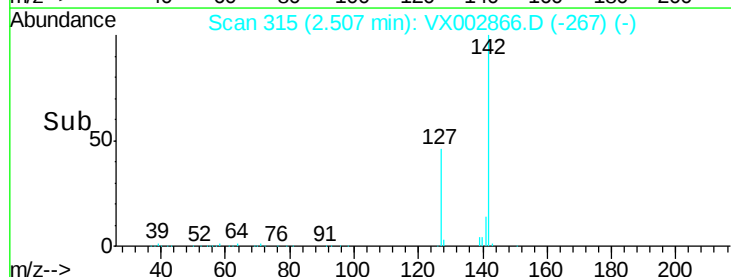
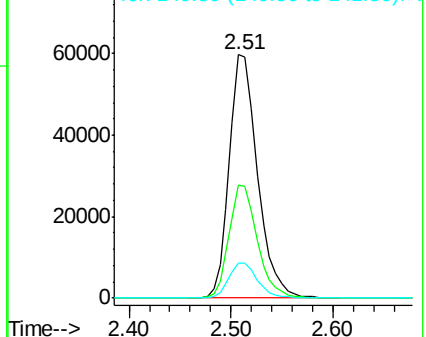
142 100

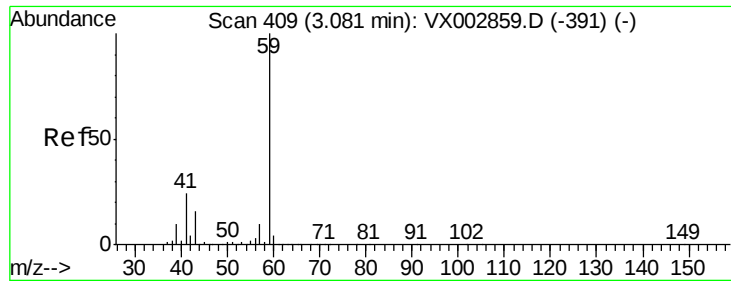
127 46.4 36.6 55.0

141 14.6 11.3 16.9



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

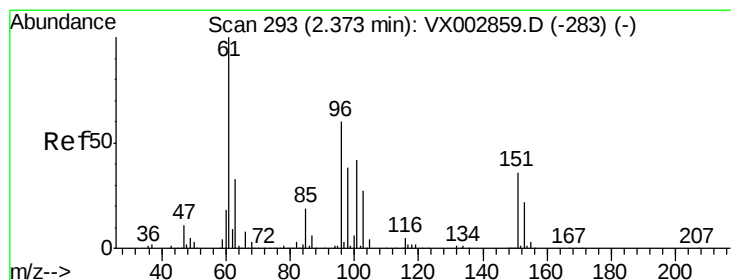
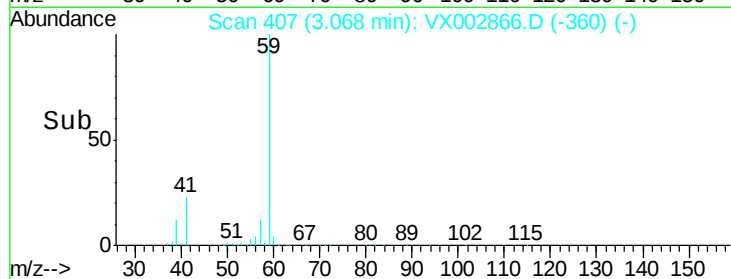
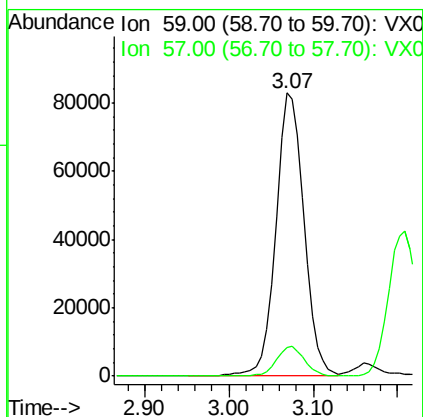
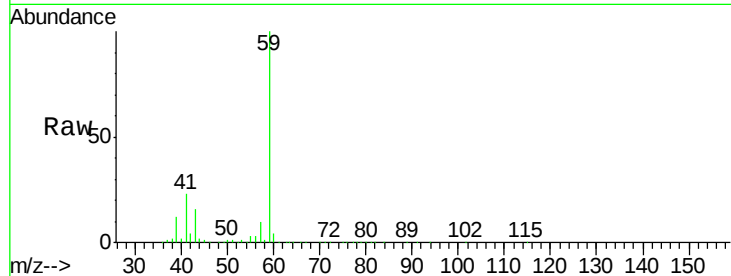




#11
Tert butyl alcohol
Concen: 250.47 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

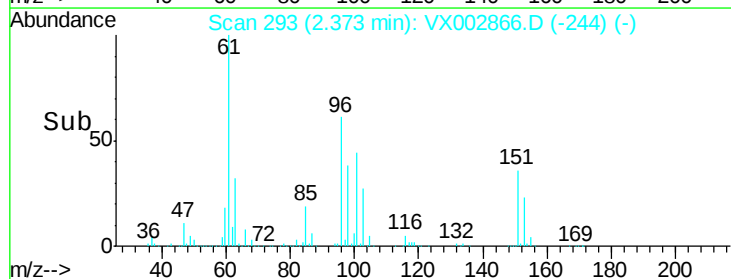
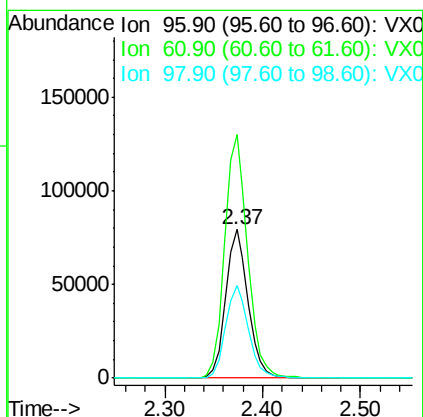
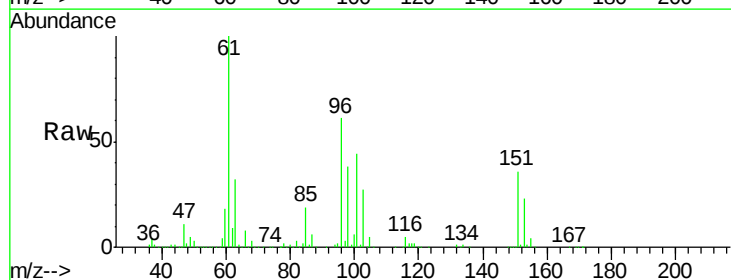
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 192084
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.85 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 96 Resp: 125935
Ion Ratio Lower Upper
96 100
61 164.1 137.9 206.9
98 62.2 51.6 77.4





#13

Acrolein

Concen: 228.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

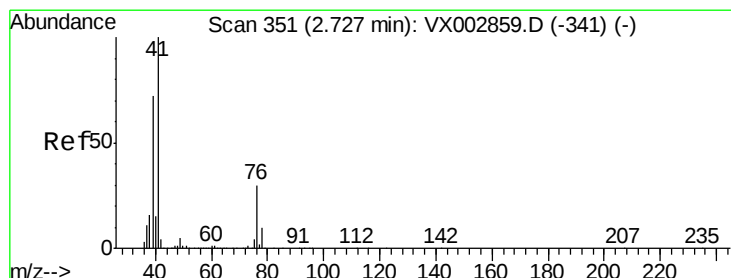
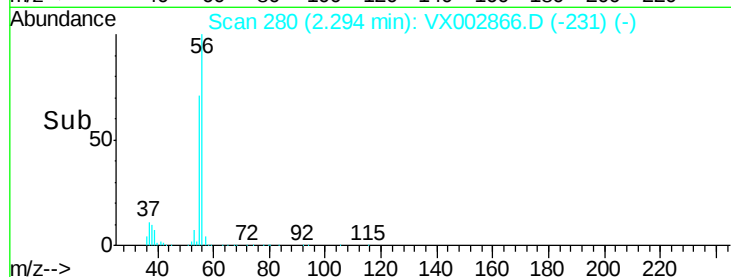
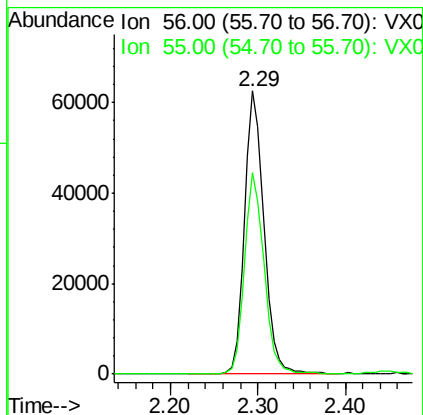
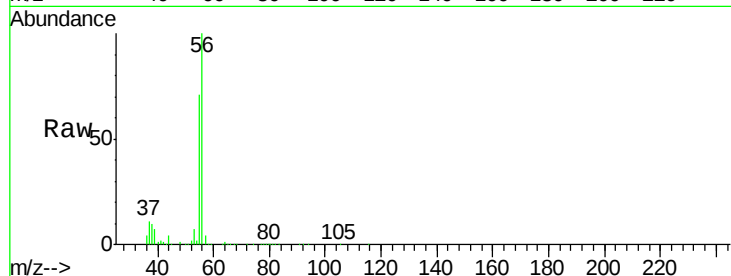
VSTDCCC050

Tot Ion: 56 Resp: 96918

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 47.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

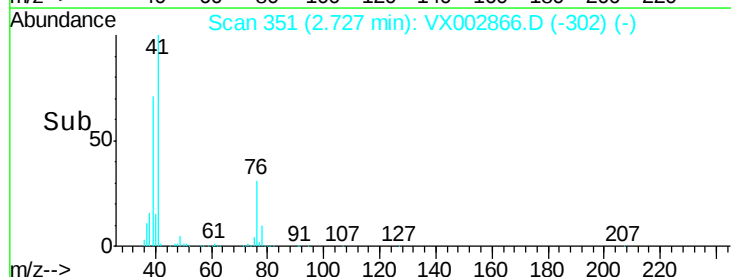
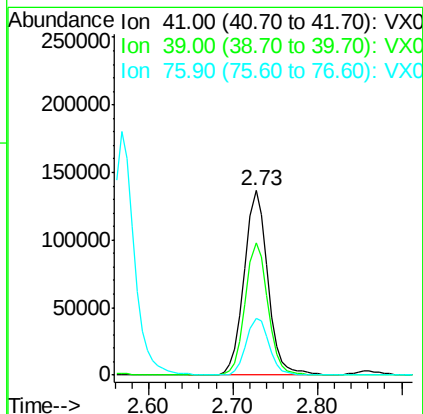
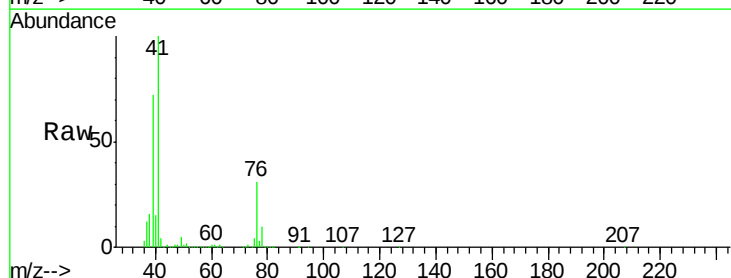
Tgt Ion: 41 Resp: 255697

Ion Ratio Lower Upper

41 100

39 69.0 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 244.67 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

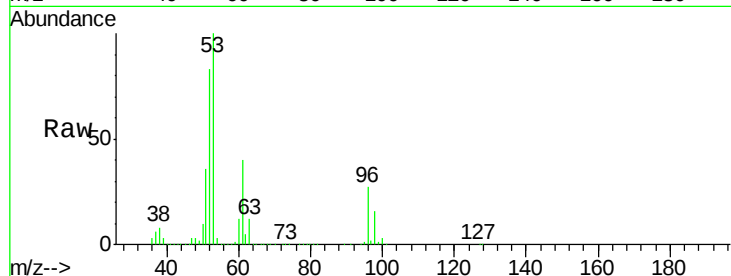
Tot Ion: 53 Resp: 400794

Ion Ratio Lower Upper

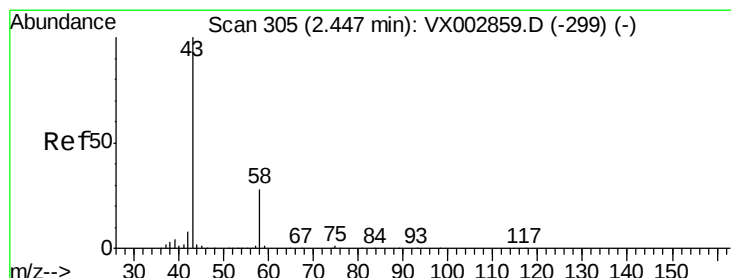
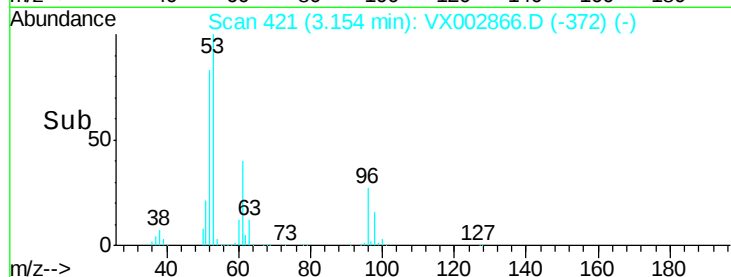
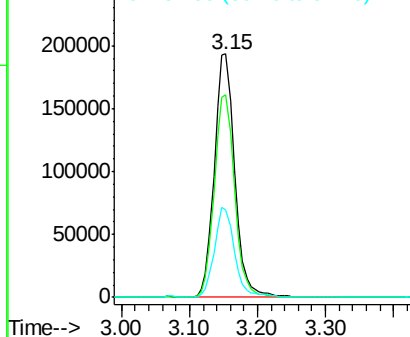
53 100

52 83.2 66.7 100.1

51 36.8 29.9 44.9



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



#16

Acetone

Concen: 247.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002866.D

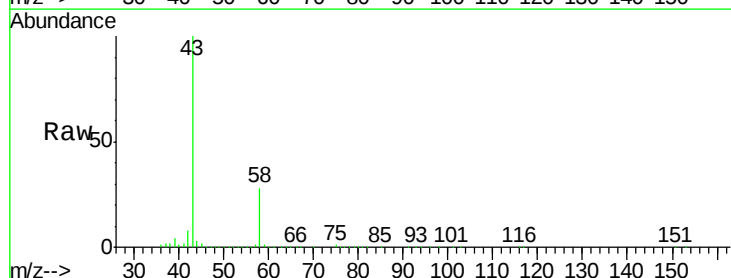
Acq: 25 Jun 2018 18:26

Tgt Ion: 43 Resp: 393942

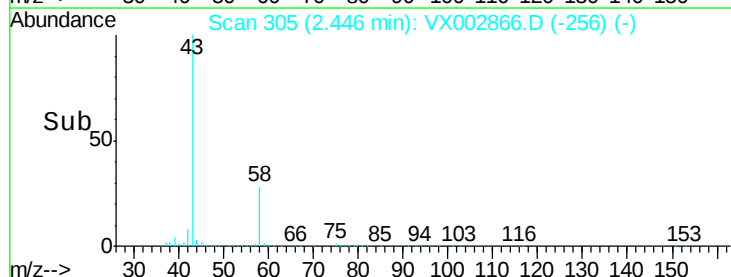
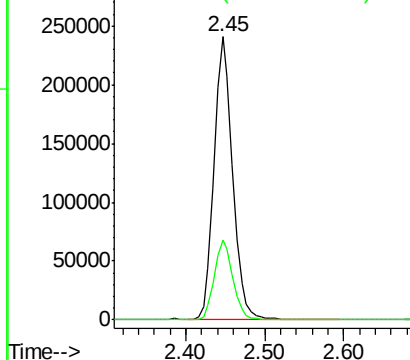
Ion Ratio Lower Upper

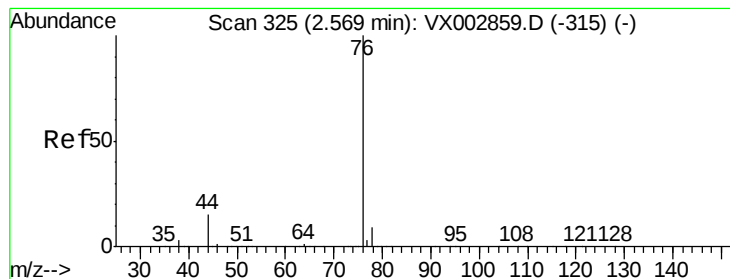
43 100

58 28.1 22.1 33.1



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





#17

Carbon Disulfide

Concen: 43.49 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

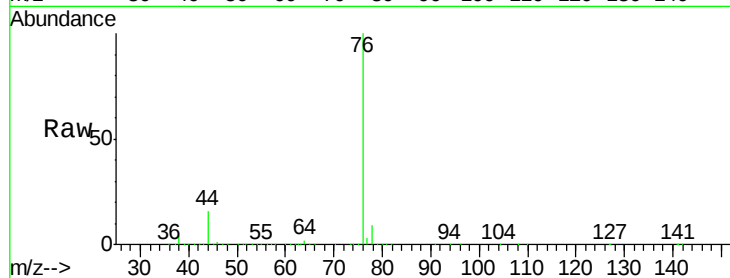
VSTDCCC050

Tot Ion: 76 Resp: 318280

Ion Ratio Lower Upper

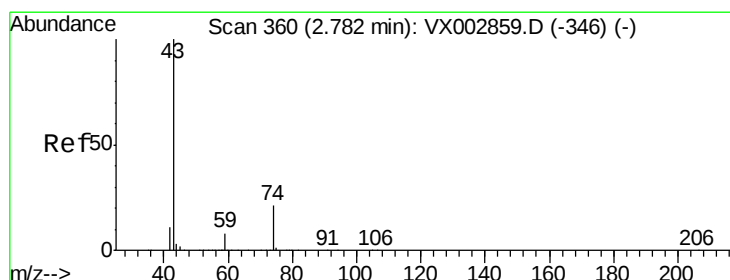
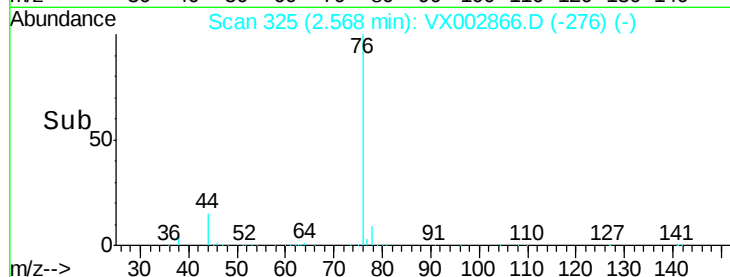
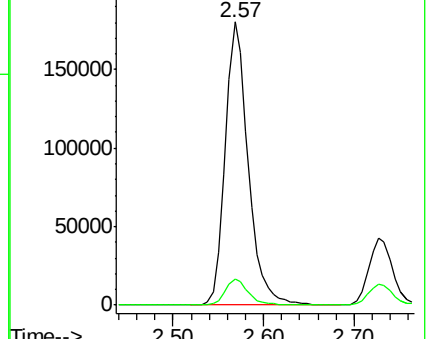
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.94 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002866.D

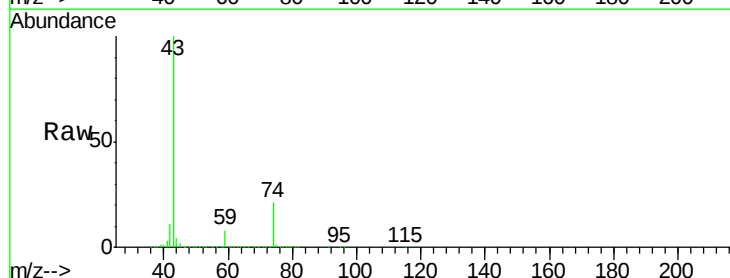
Acq: 25 Jun 2018 18:26

Tgt Ion: 43 Resp: 231531

Ion Ratio Lower Upper

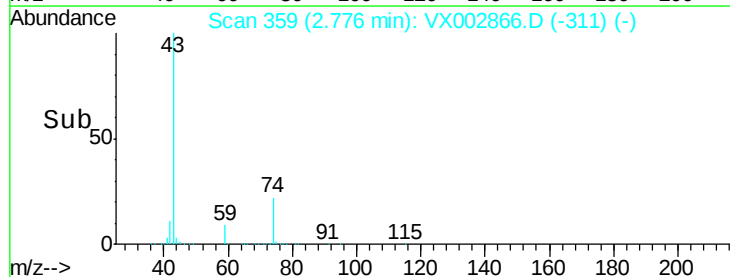
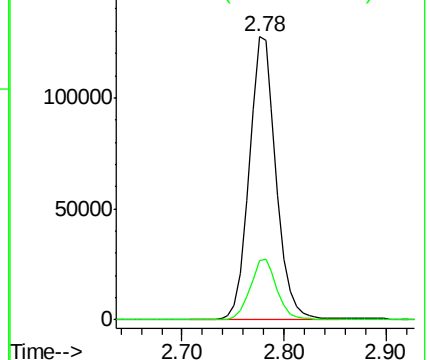
43 100

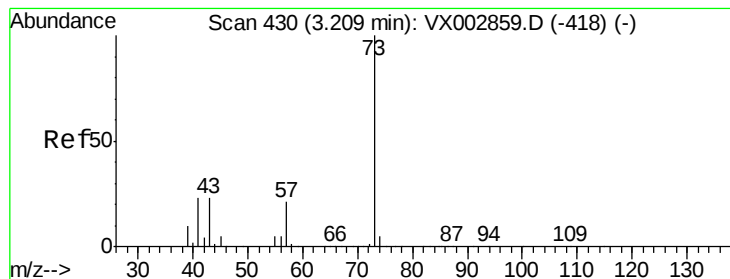
74 21.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



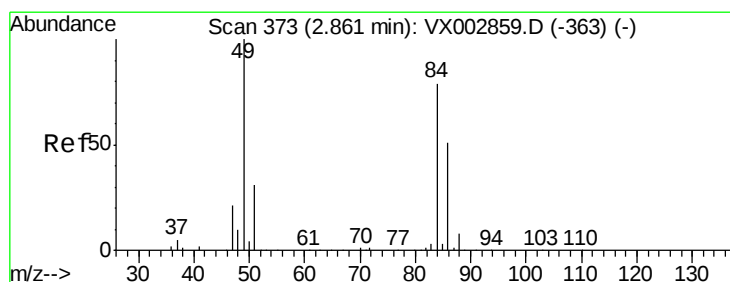
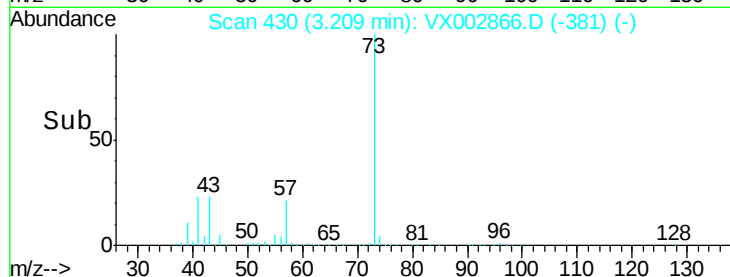
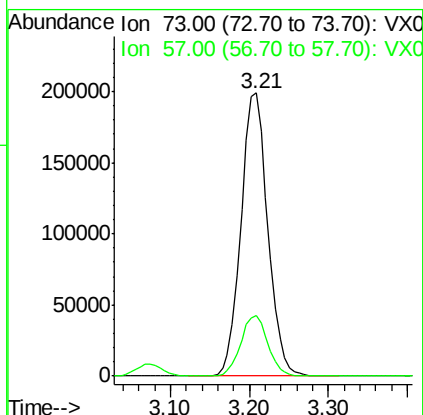
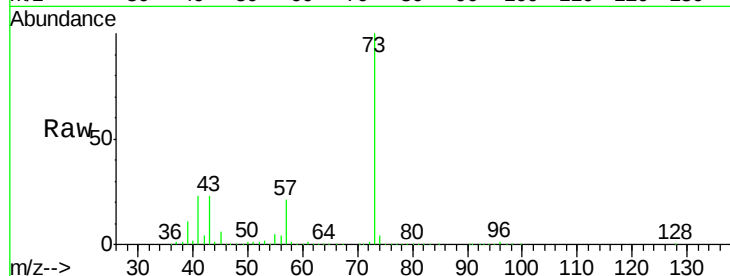


#19

Methyl tert-butyl Ether
 Concen: 47.66 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

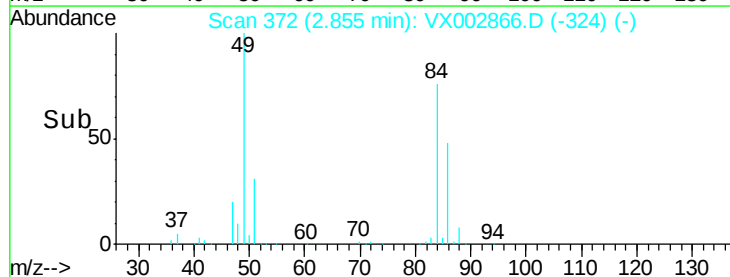
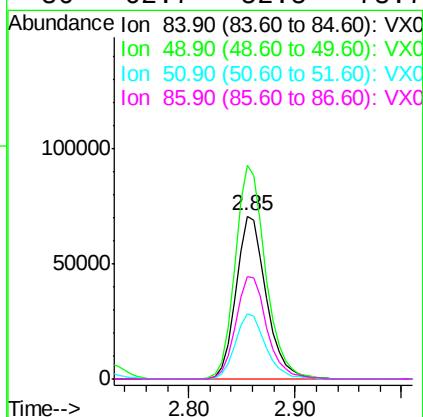
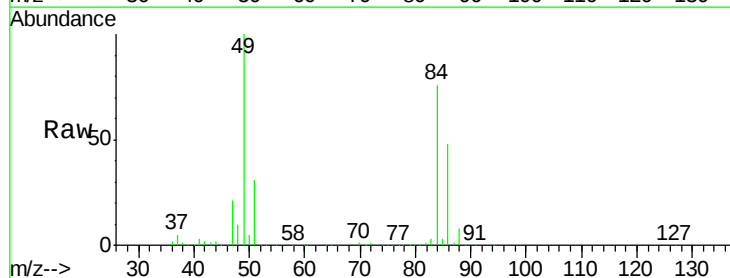
Tot Ion: 73 Resp: 470641
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.7 26.5

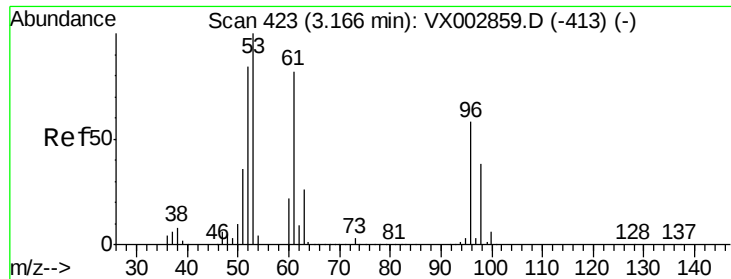


#20

Methylene Chloride
 Concen: 45.51 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion: 84 Resp: 141195
 Ion Ratio Lower Upper
 84 100
 49 131.2 107.8 161.6
 51 40.2 32.8 49.2
 86 62.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.91 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

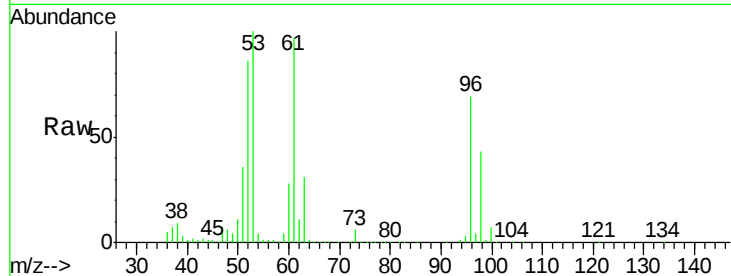
Tot Ion: 96 Resp: 137369

Ion Ratio Lower Upper

96 100

61 142.0 117.0 175.4

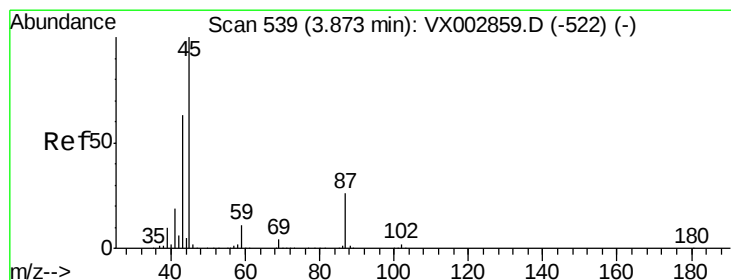
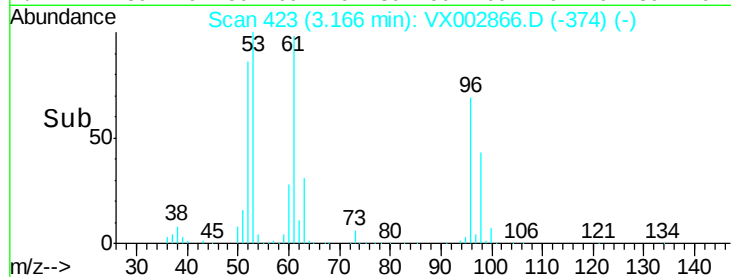
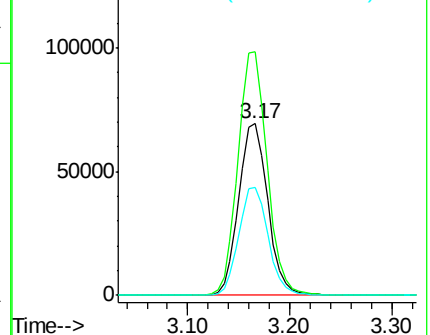
98 63.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.76 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion: 45 Resp: 494312

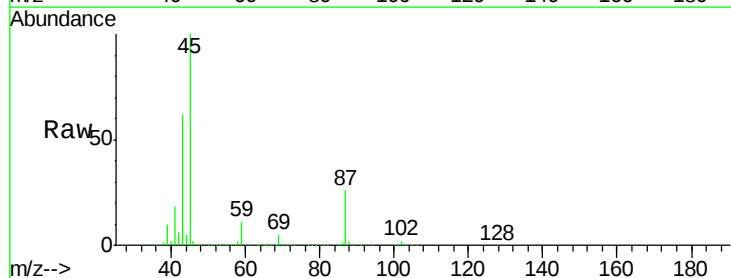
Ion Ratio Lower Upper

45 100

43 62.1 46.8 70.2

87 26.2 20.2 30.4

59 10.8 8.7 13.1

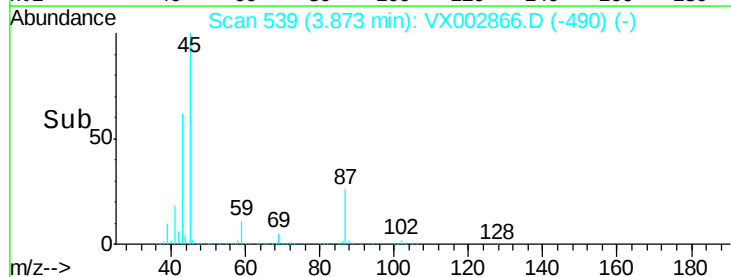
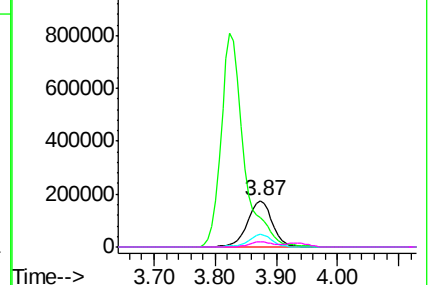


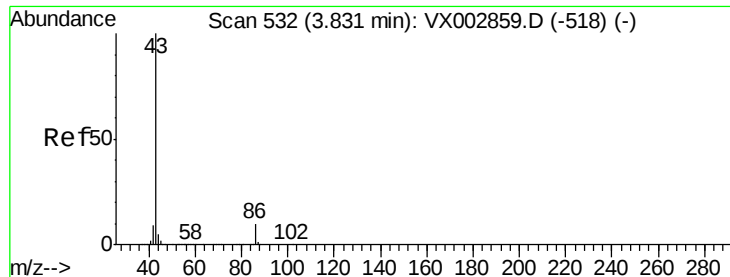
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.82 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

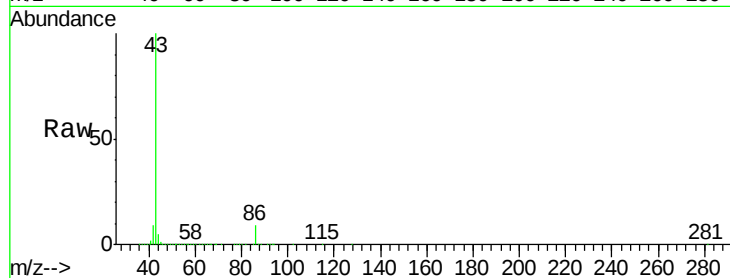
VSTDCCC050

Tot Ion: 43 Resp: 2110649

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

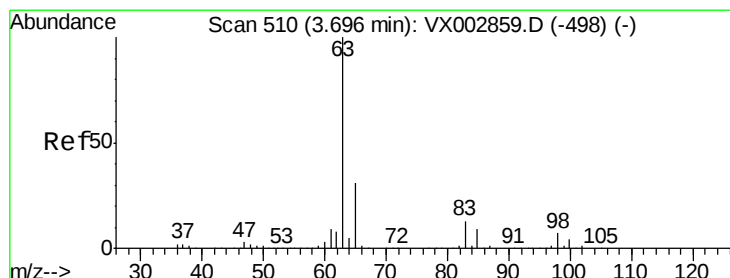
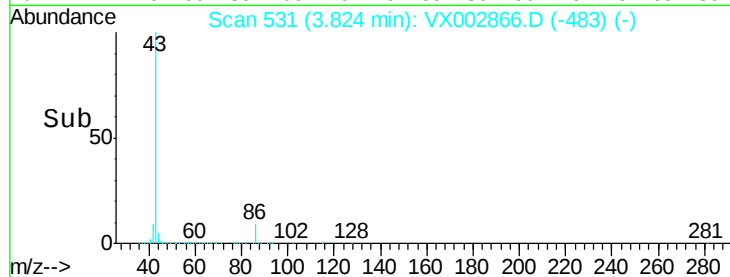
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.30 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

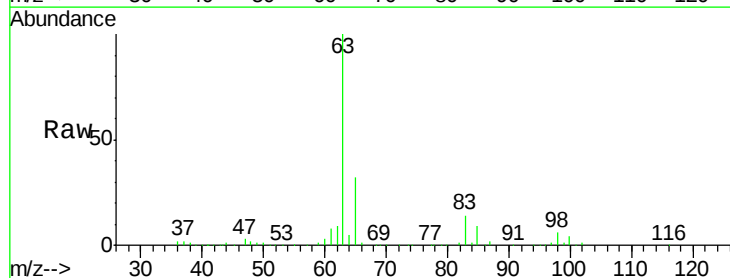
Tgt Ion: 63 Resp: 266068

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

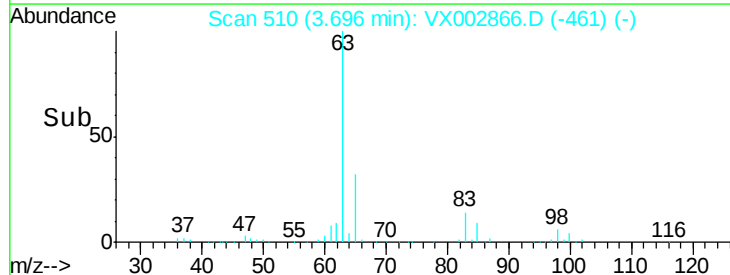
150000

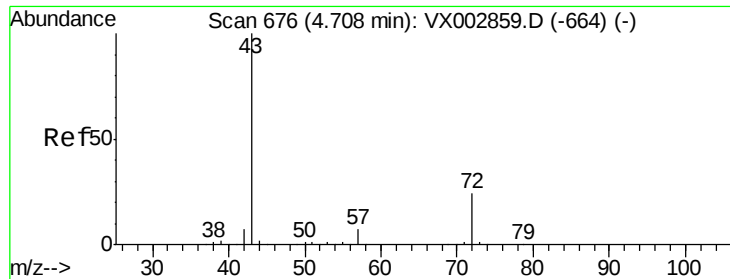
100000

50000

0

Time-->





#25

2-Butanone

Concen: 251.64 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

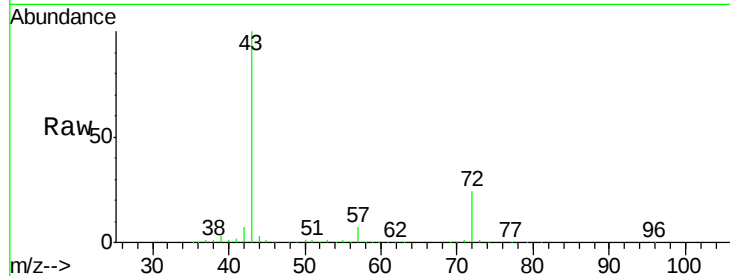
VSTDCCC050

Tot Ion: 43 Resp: 595409

Ion Ratio Lower Upper

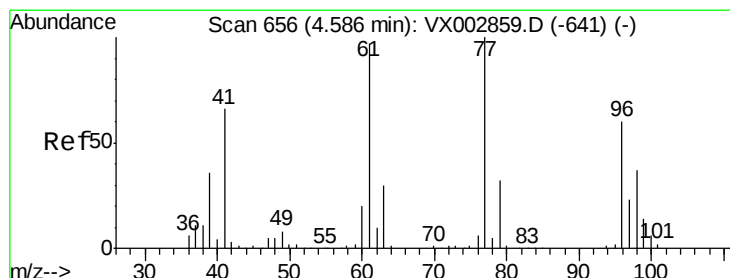
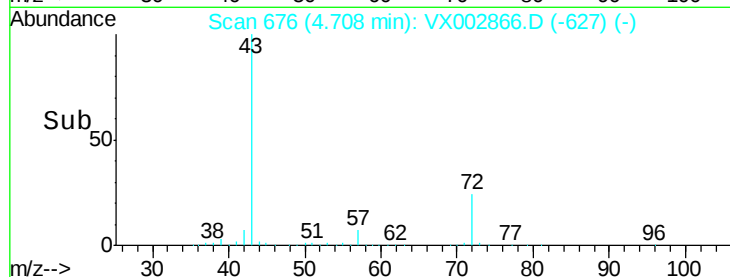
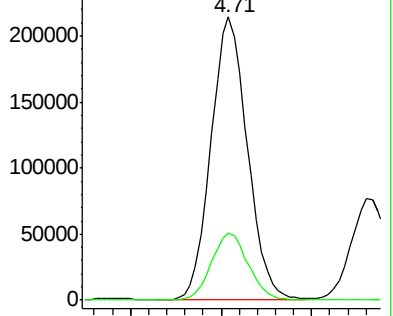
43 100

72 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.03 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002866.D

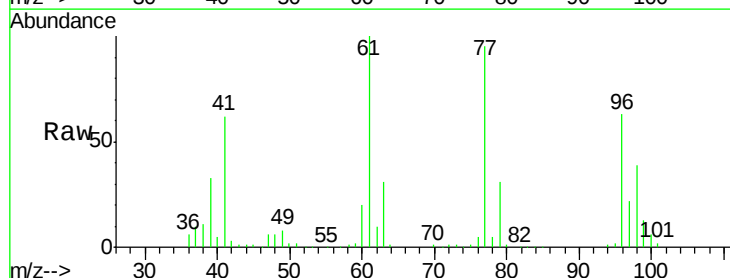
Acq: 25 Jun 2018 18:26

Tgt Ion: 77 Resp: 215153

Ion Ratio Lower Upper

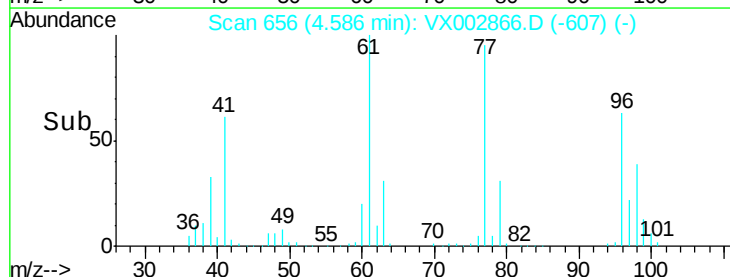
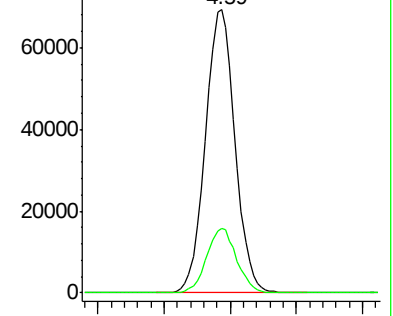
77 100

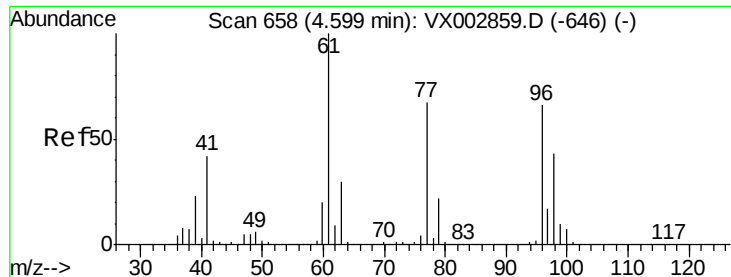
97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.95 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

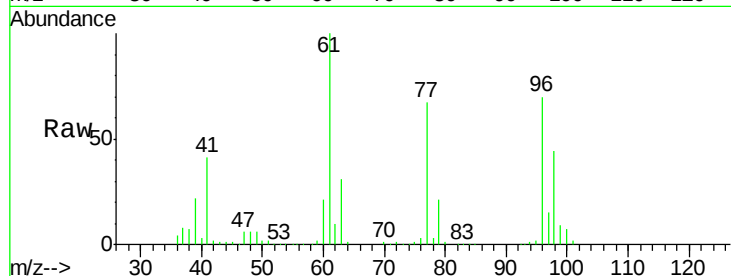
Tot Ion: 96 Resp: 157493

Ion Ratio Lower Upper

96 100

61 154.1 0.0 330.2

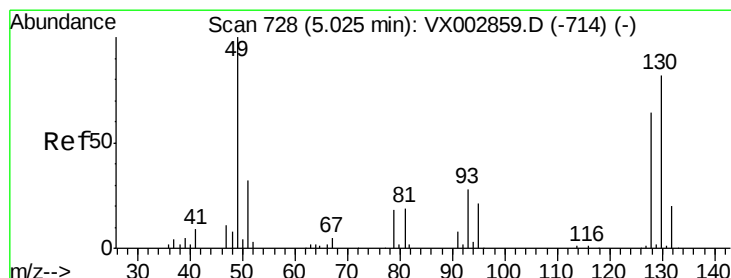
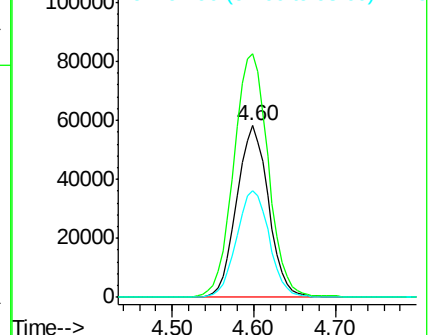
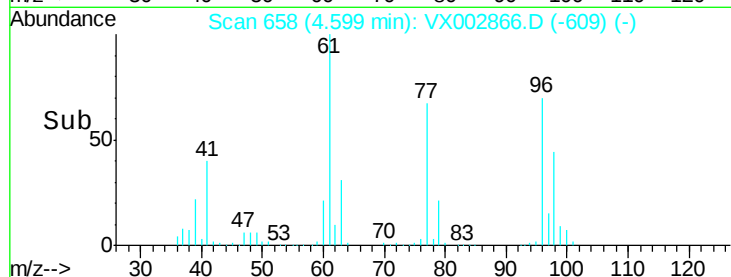
98 64.2 0.0 130.2



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: 48.54 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

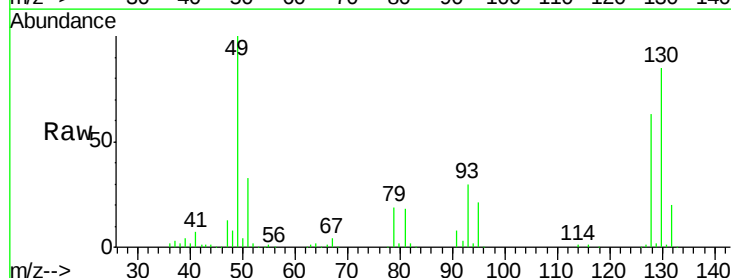
Tgt Ion: 49 Resp: 130699

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

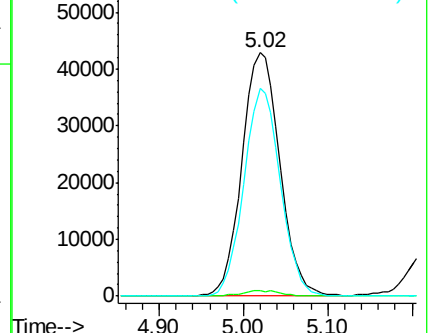
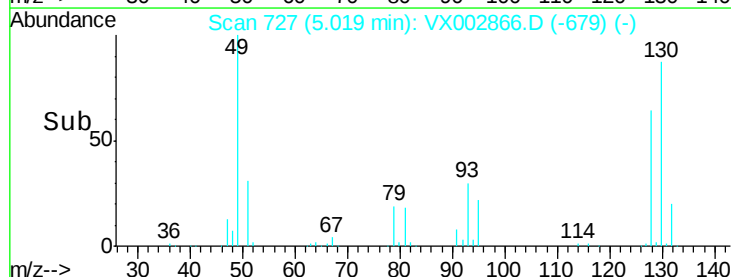
130 82.2 61.2 91.8

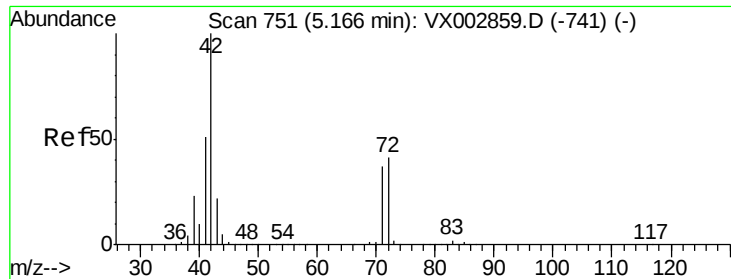


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

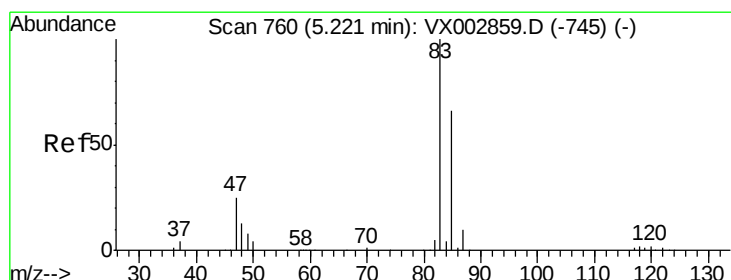
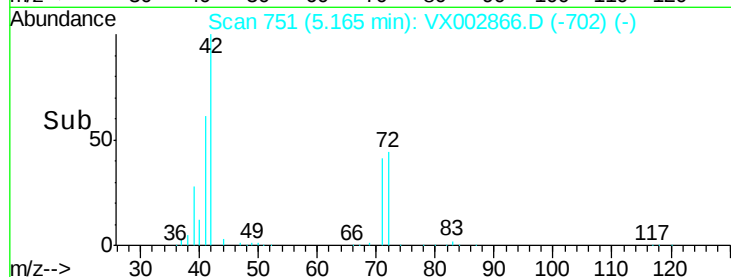
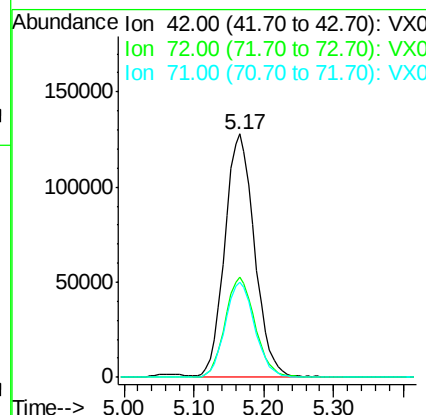
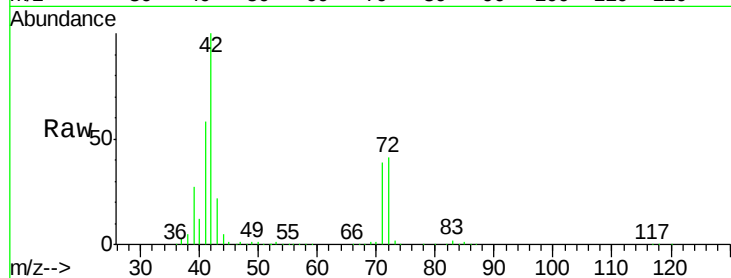




#29
Tetrahydrofuran
Concen: 248.83 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

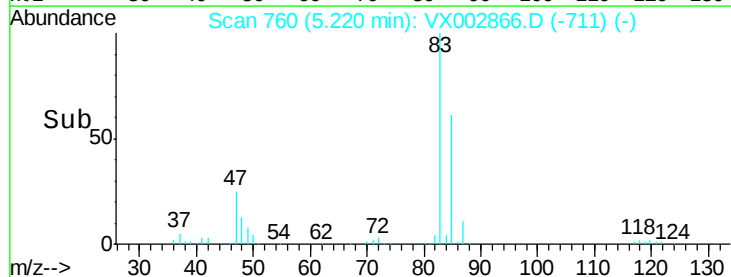
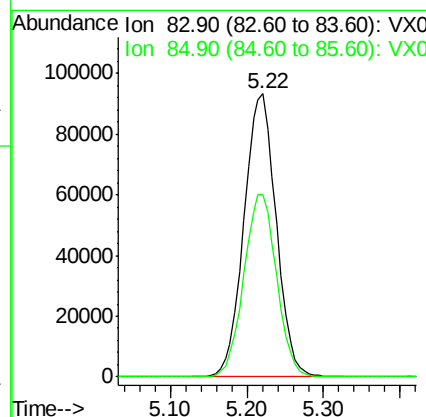
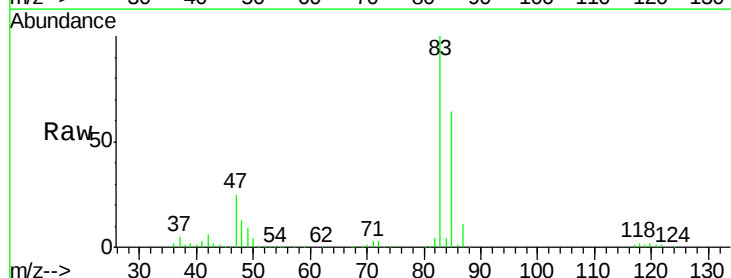
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

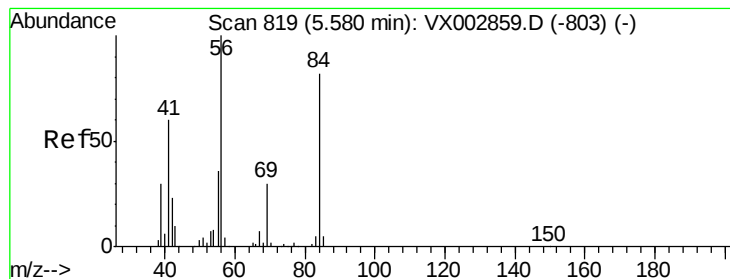
Tot Ion: 42 Resp: 377554
Ion Ratio Lower Upper
42 100
72 41.4 32.0 48.0
71 39.0 30.1 45.1



#30
Chloroform
Concen: 47.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 83 Resp: 272515
Ion Ratio Lower Upper
83 100
85 64.2 50.4 75.6





#31

Cyclohexane

Concen: 47.56 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

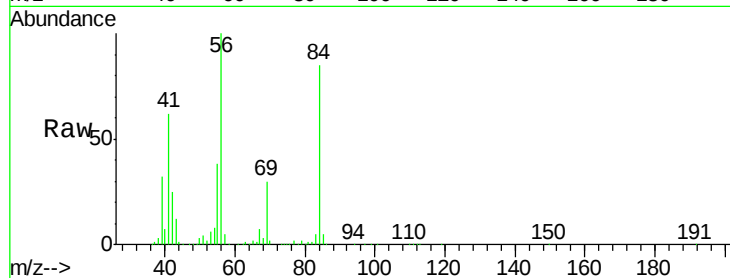
Tot Ion: 56 Resp: 229611

Ion Ratio Lower Upper

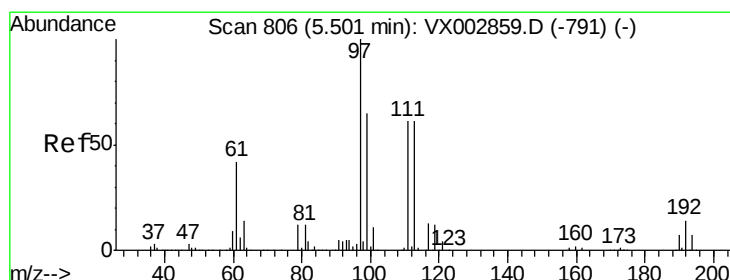
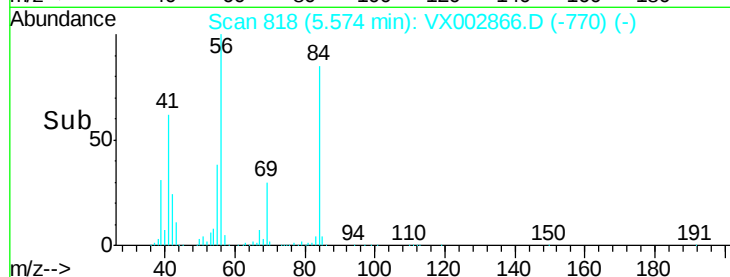
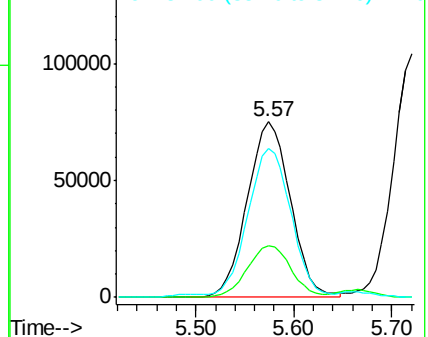
56 100

69 29.8 23.7 35.5

84 83.3 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 47.99 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

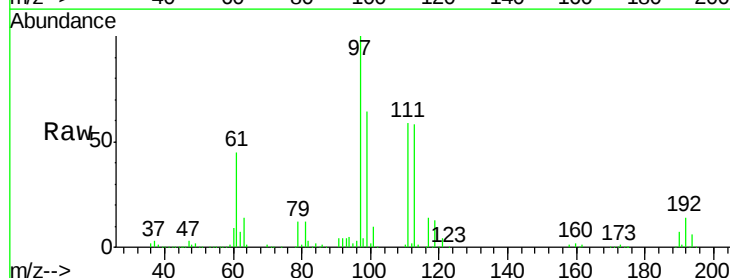
Tgt Ion: 97 Resp: 243755

Ion Ratio Lower Upper

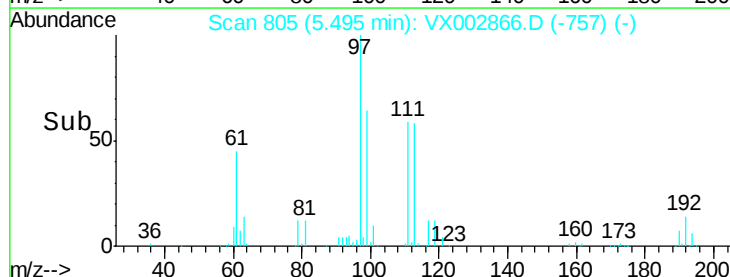
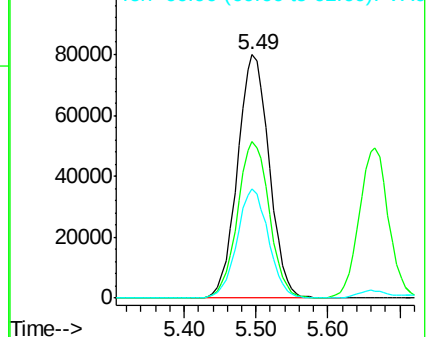
97 100

99 64.5 51.6 77.4

61 44.5 36.4 54.6



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

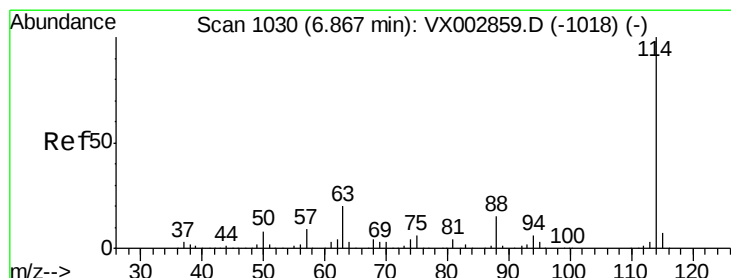
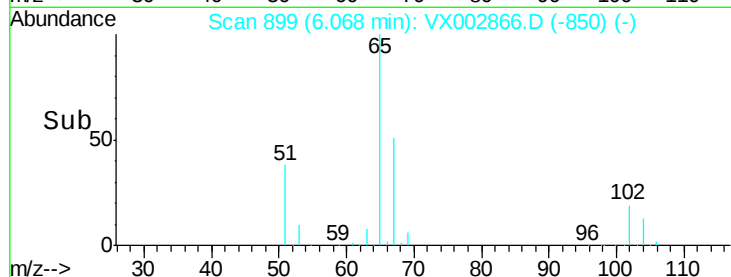
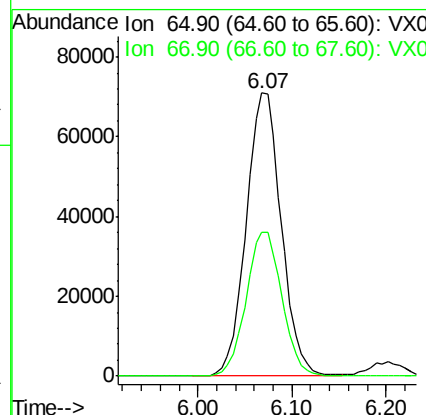
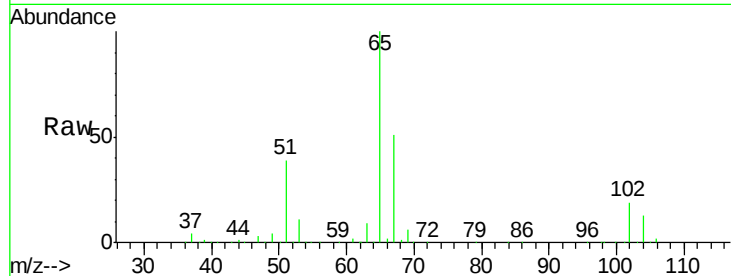




#33
 1,2-Dichloroethane-d4
 Concen: 48.11 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

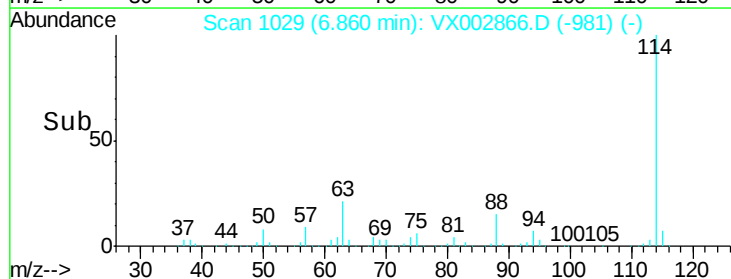
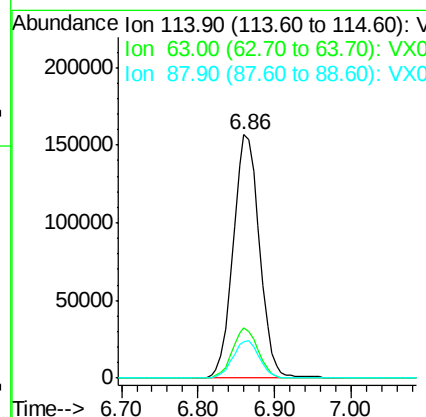
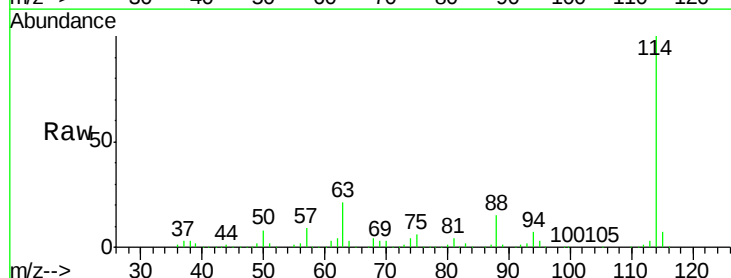
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

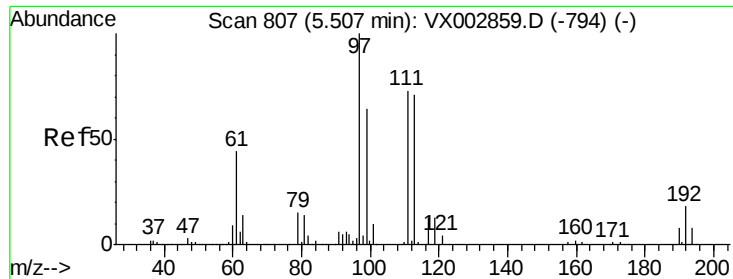
Tot Ion: 65 Resp: 185216
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion: 114 Resp: 374402
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 14.8 0.0 30.0

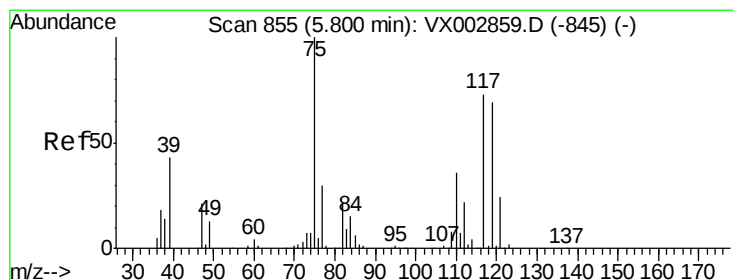
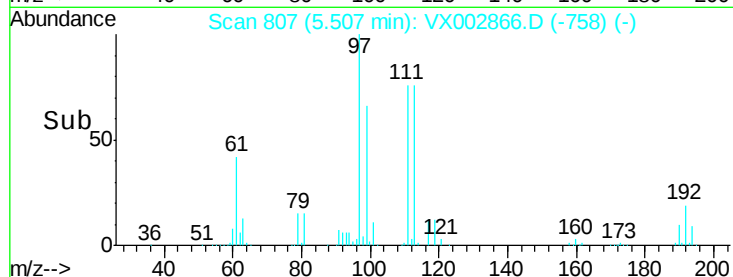
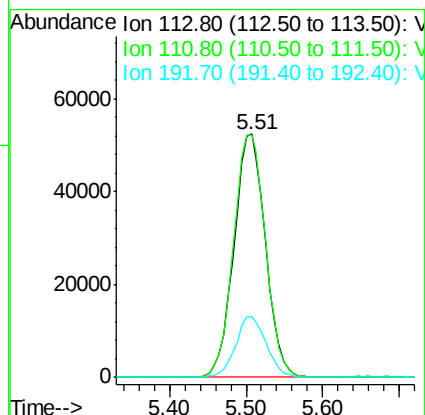
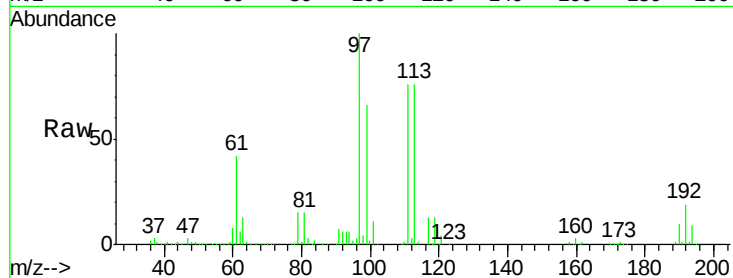




#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

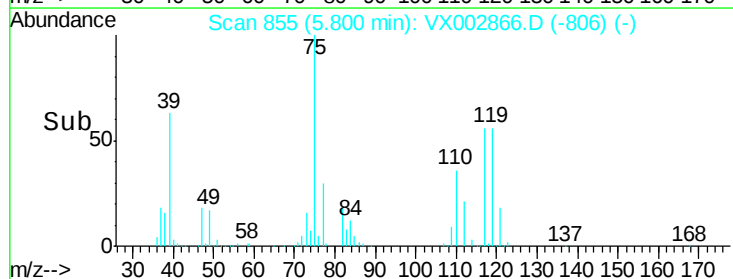
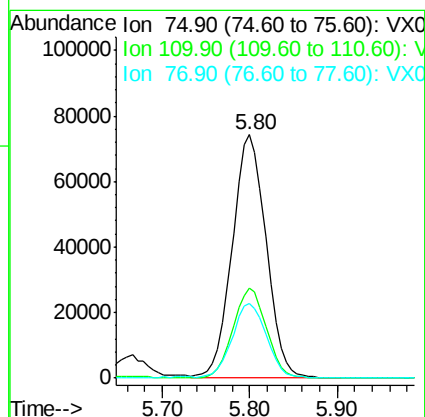
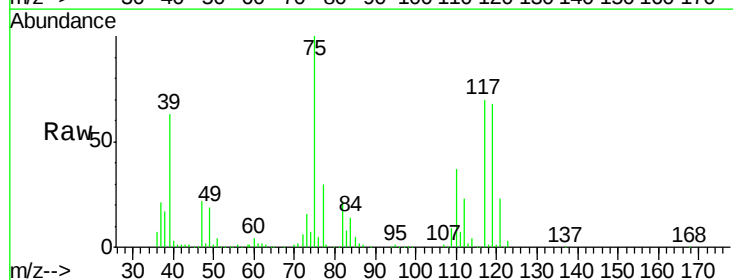
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

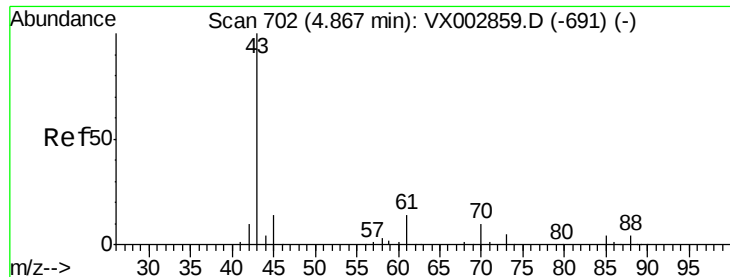
Tot Ion:113 Resp: 149127
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 24.2 19.1 28.7



#36
1,1-Dichloropropene
Concen: 48.46 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 75 Resp: 198962
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 31.6 24.3 36.5

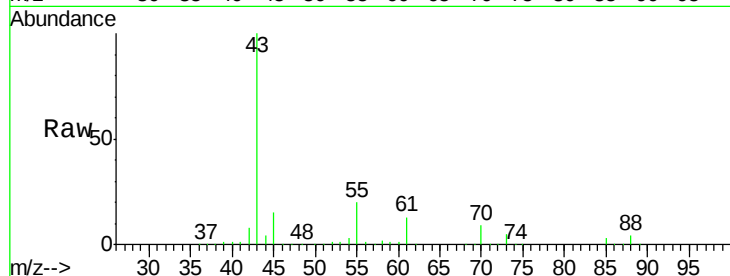




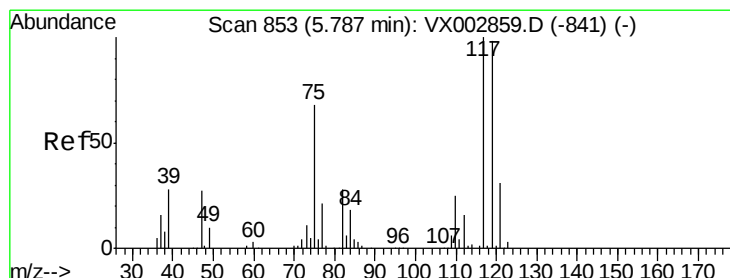
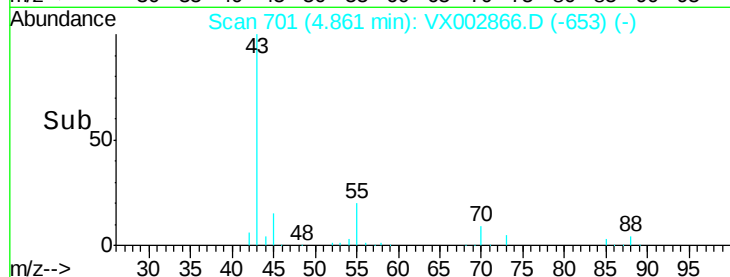
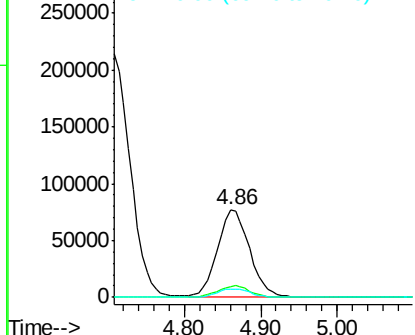
#37
Ethyl Acetate
Concen: 50.50 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 223234
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.8 7.6 11.4

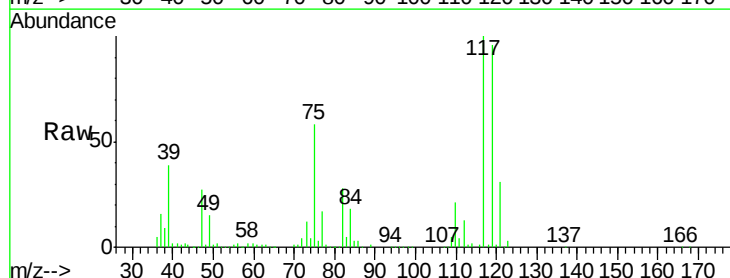


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

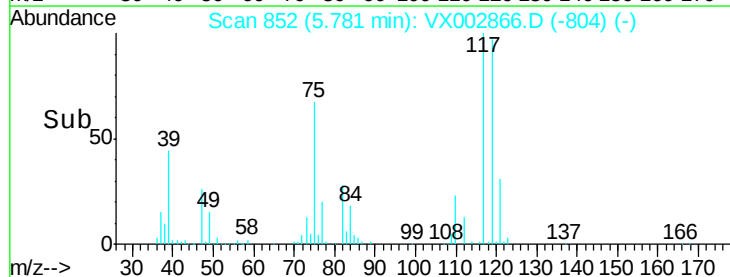
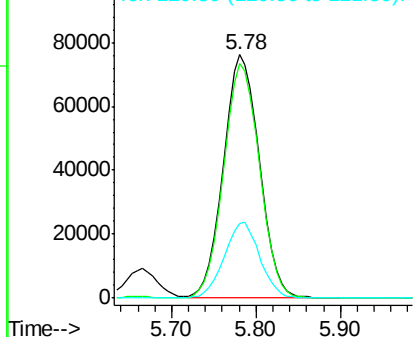


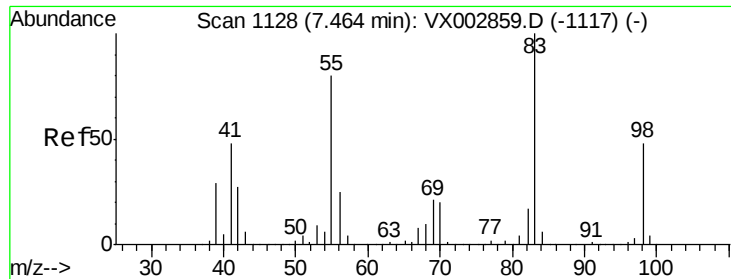
#38
Carbon Tetrachloride
Concen: 49.11 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 117 Resp: 221278
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
121 30.7 24.4 36.6



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

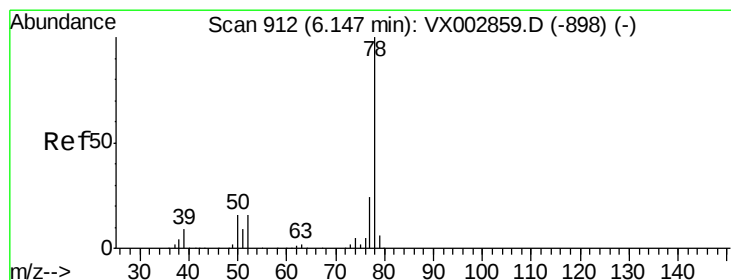
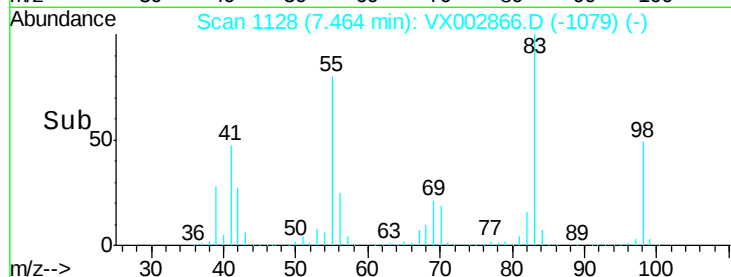
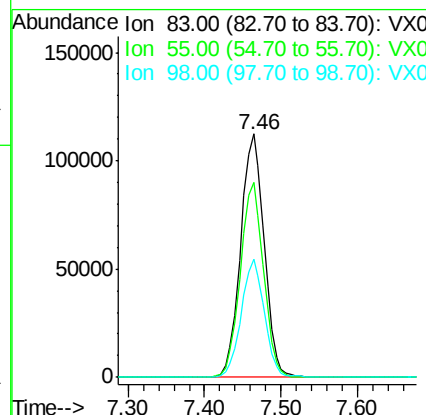
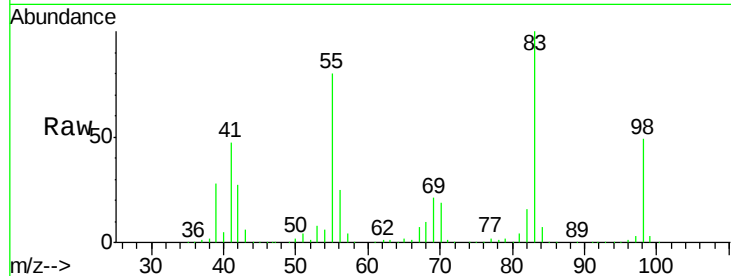




#39
Methvlcvclohexane
Concen: 50.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

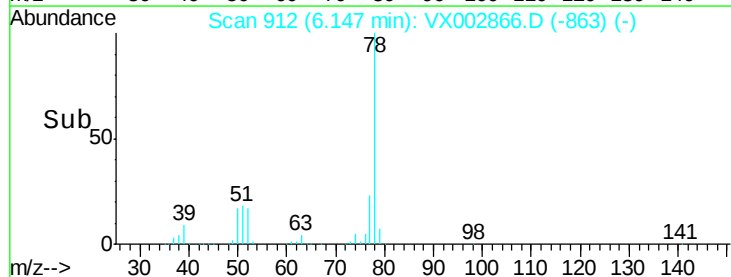
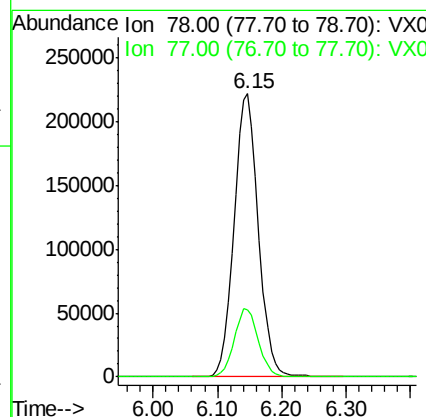
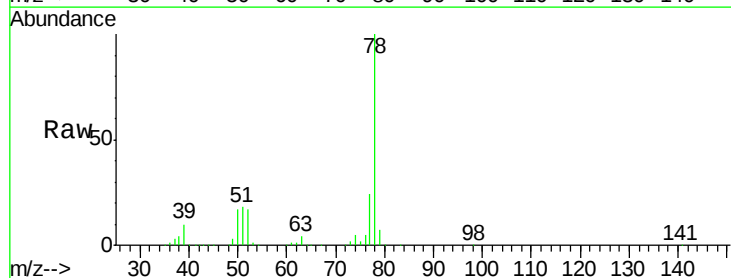
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

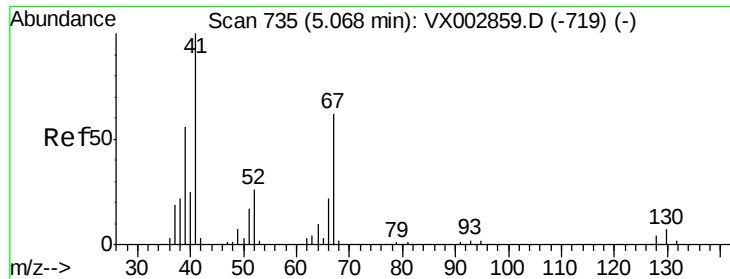
Tot Ion: 83 Resp: 239793
Ion Ratio Lower Upper
83 100
55 79.8 65.4 98.0
98 48.6 37.4 56.0



#40
Benzene
Concen: 48.90 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 78 Resp: 583351
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

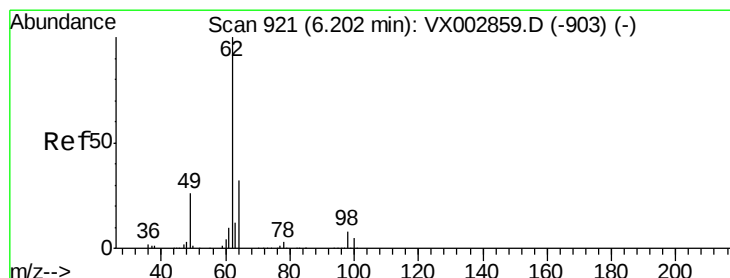
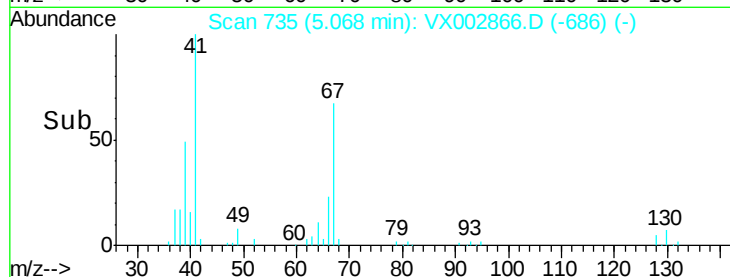
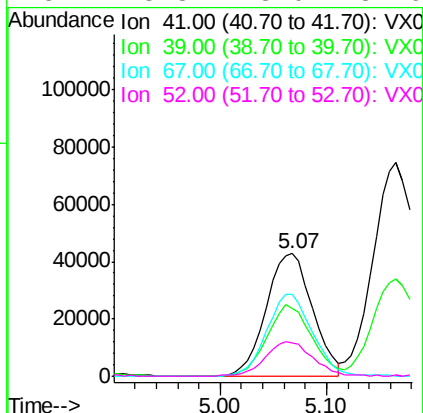
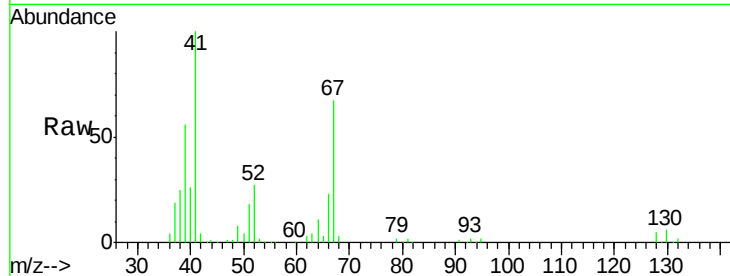




#41
Methacrylonitrile
Concen: 50.46 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

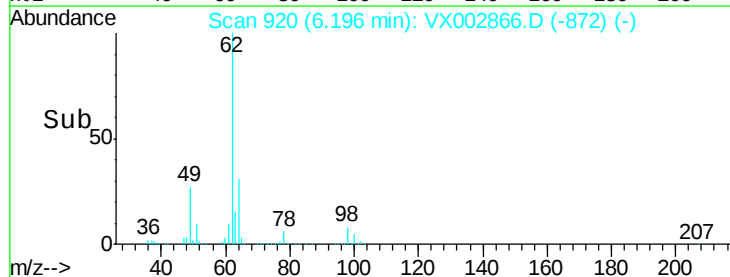
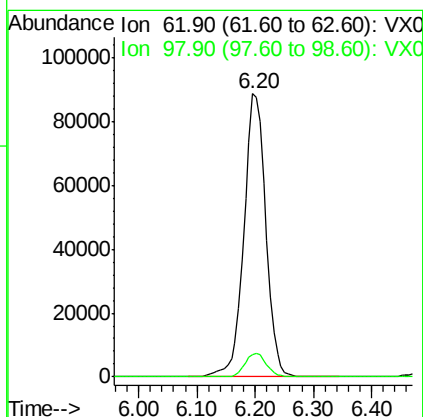
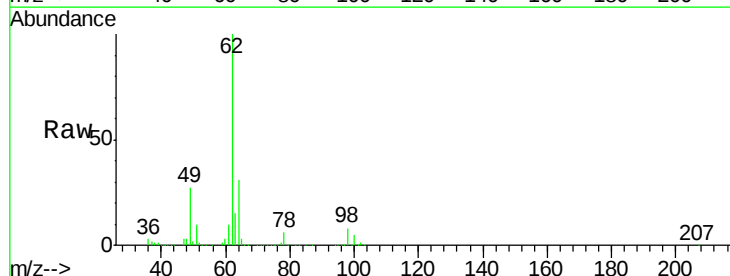
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

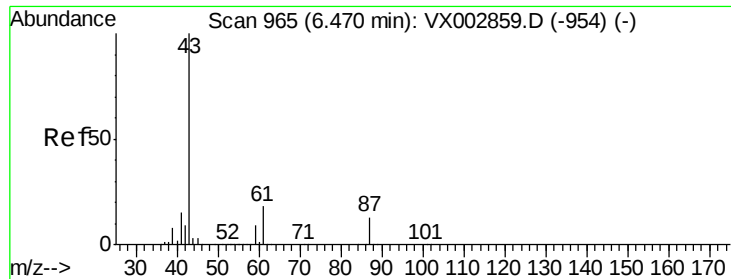
Tot Ion:	41	Resp:	128463
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.6
67	66.7	51.3	76.9
52	28.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.79 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion:	62	Resp:	230313
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



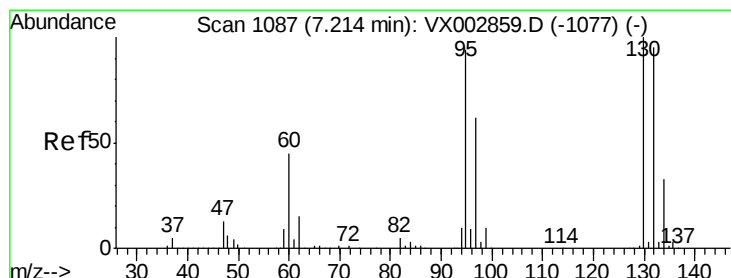
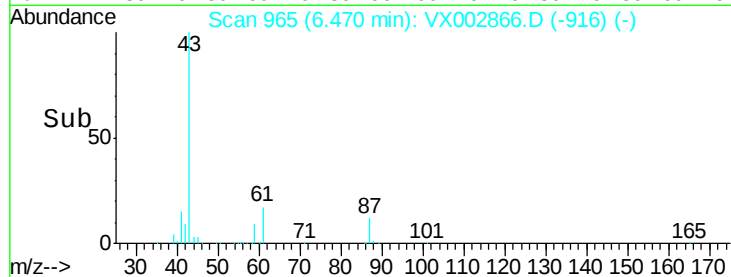
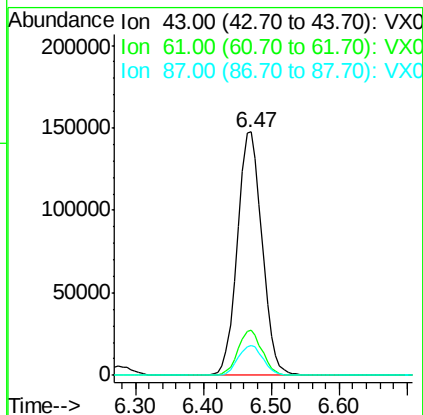
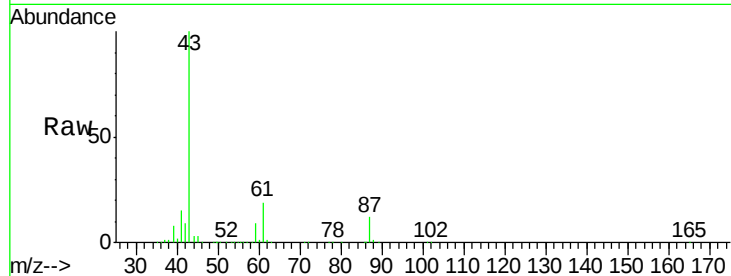


#43

Isopropyl Acetate
 Concen: 49.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

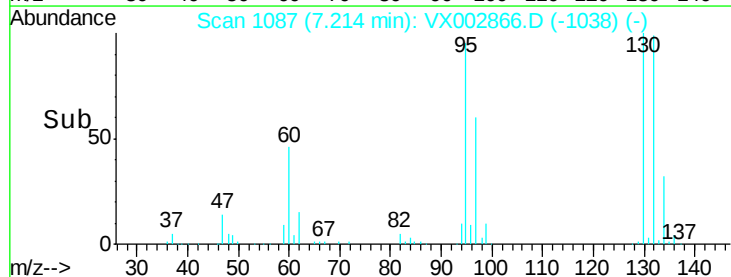
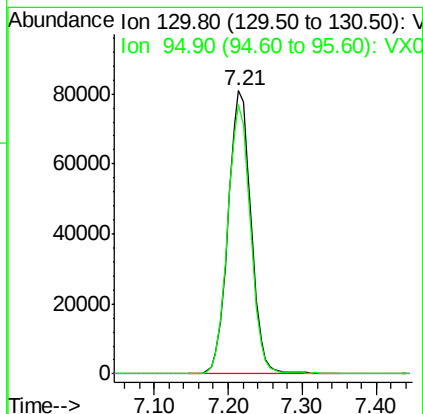
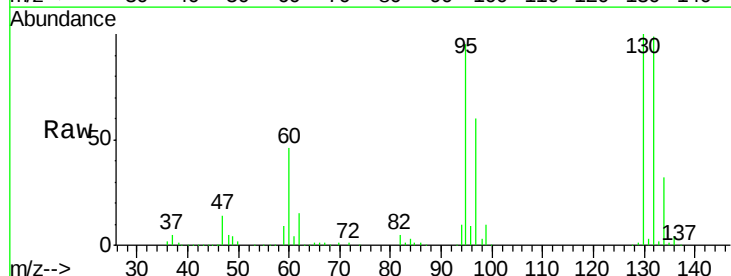
Tot Ion: 43 Resp: 370445
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 12.5 9.5 14.3



#44

Trichloroethene
 Concen: 49.14 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion: 130 Resp: 174781
 Ion Ratio Lower Upper
 130 100
 95 95.0 0.0 185.4





#45

1,2-Dichloropropane

Concen: 48.58 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

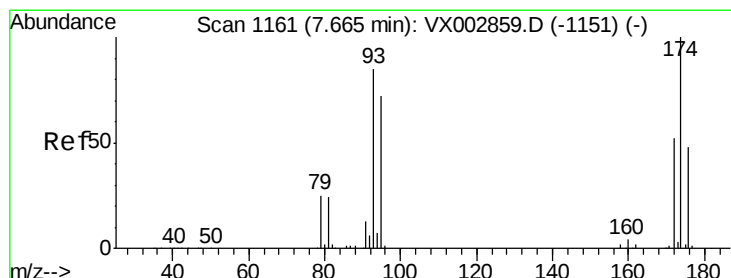
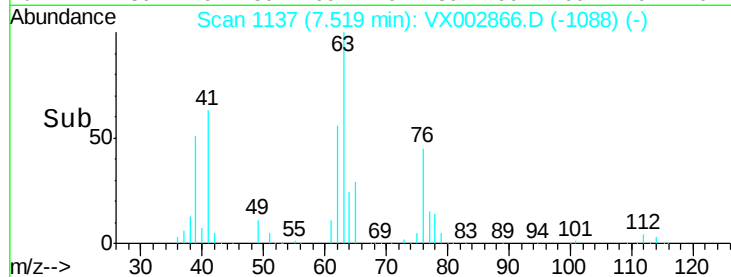
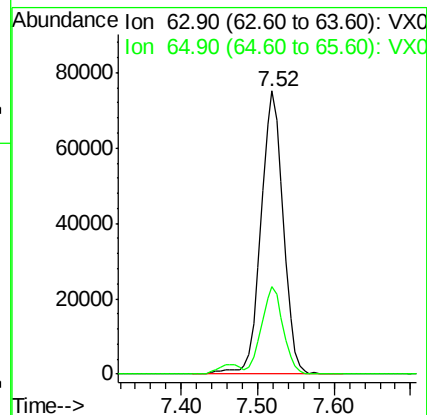
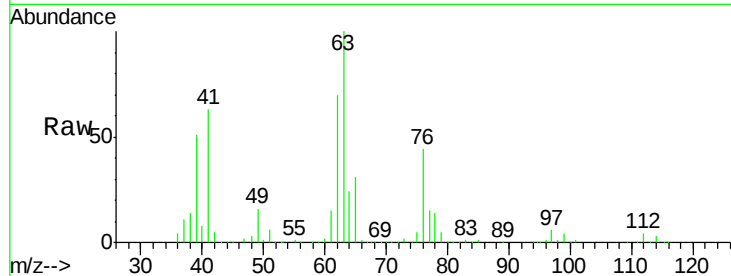
VSTDCCC050

Tot Ion: 63 Resp: 153728

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 48.19 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

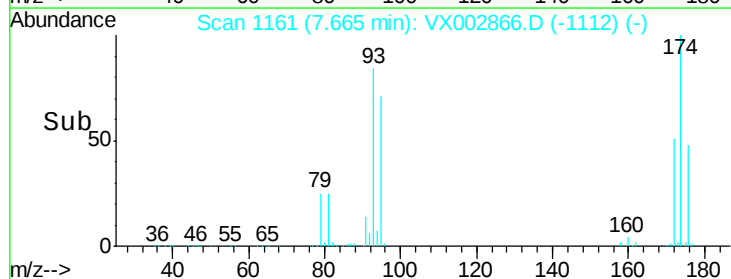
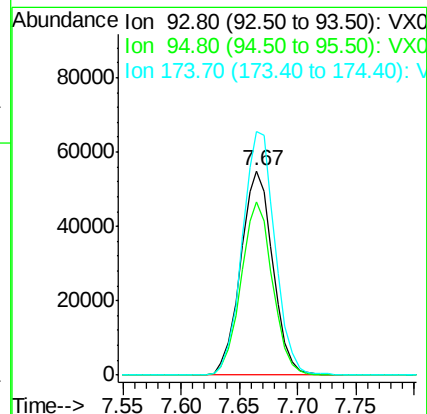
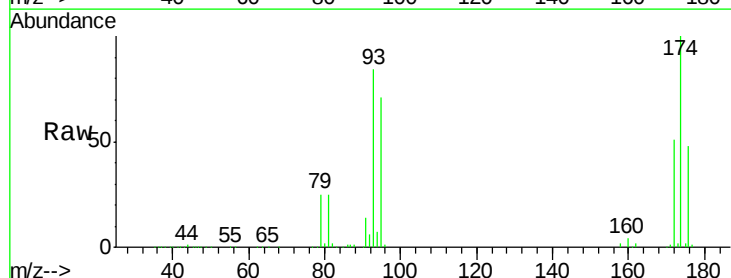
Tgt Ion: 93 Resp: 105821

Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 121.0 92.4 138.6





#47

Bromodichloromethane

Concen: 50.50 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

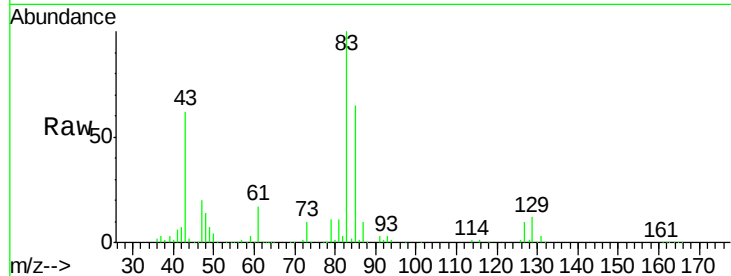
Tot Ion: 83 Resp: 205040

Ion Ratio Lower Upper

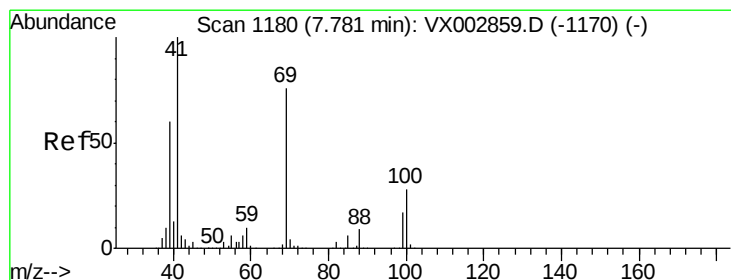
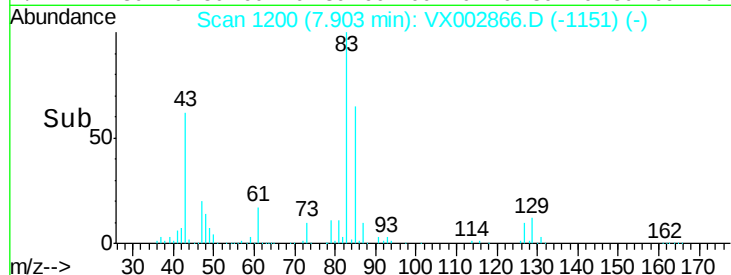
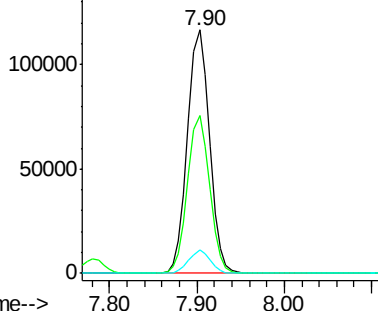
83 100

85 64.7 50.3 75.5

127 9.5 7.0 10.4



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



#48

Methyl methacrylate

Concen: 51.22 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

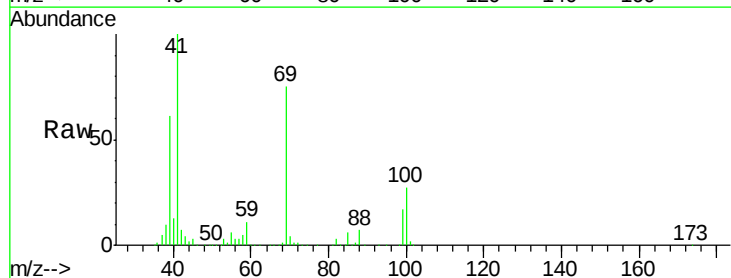
Tgt Ion: 41 Resp: 195671

Ion Ratio Lower Upper

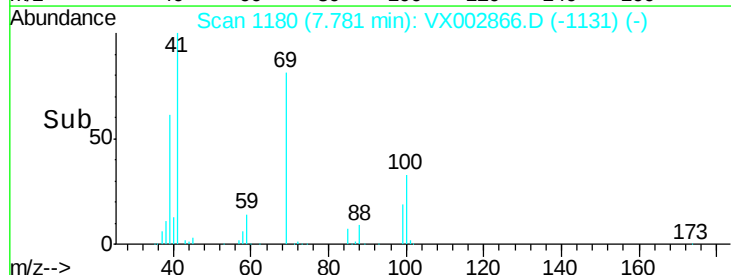
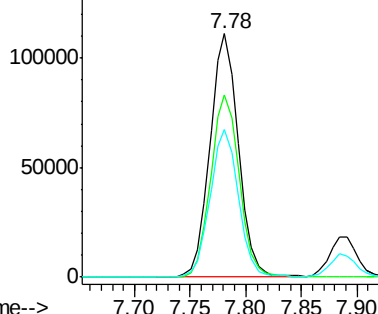
41 100

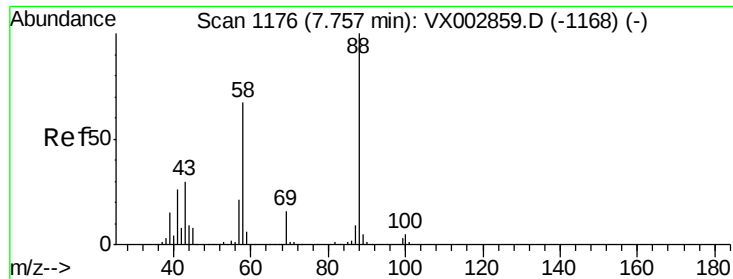
69 76.0 59.1 88.7

39 60.4 48.9 73.3



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

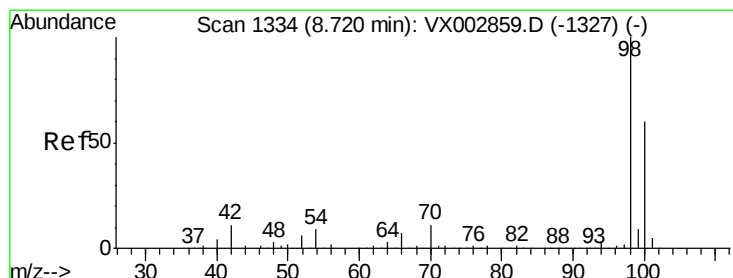
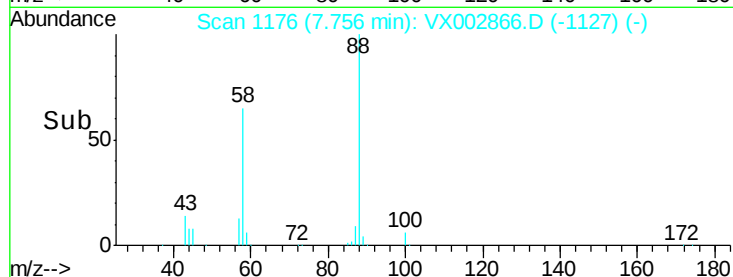
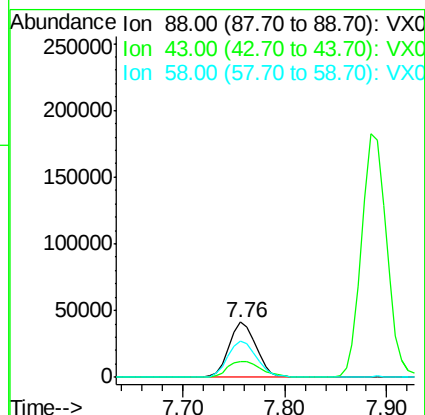
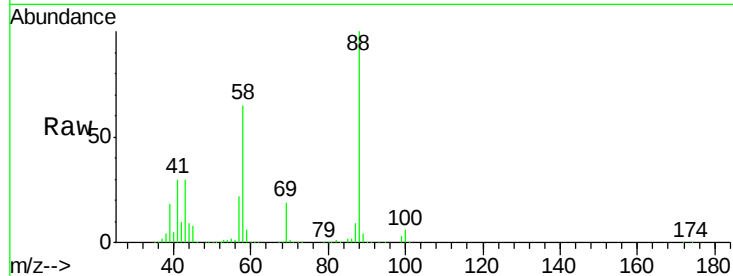




#49
1,4-Dioxane
Concen: 1021.19 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

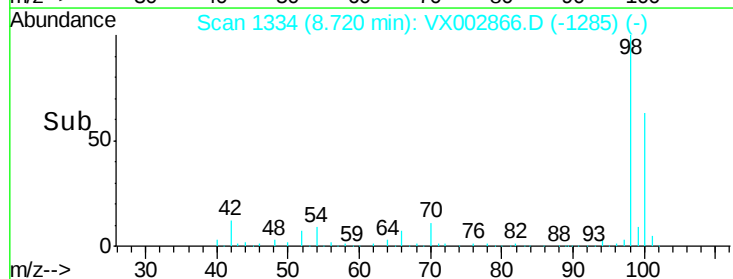
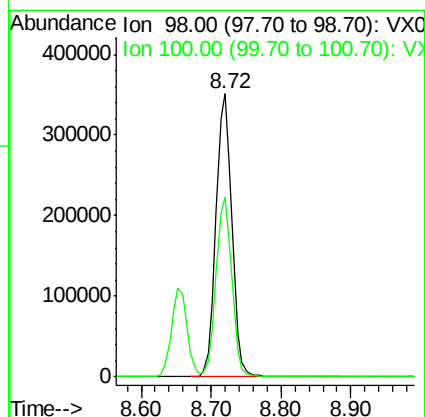
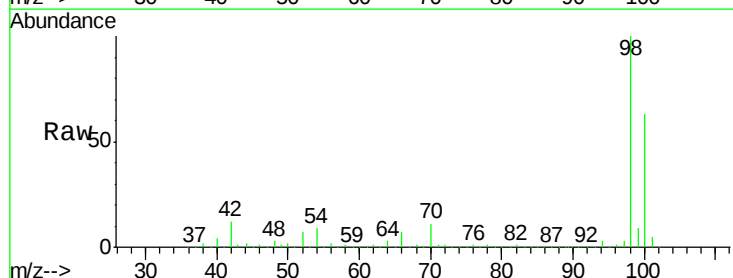
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

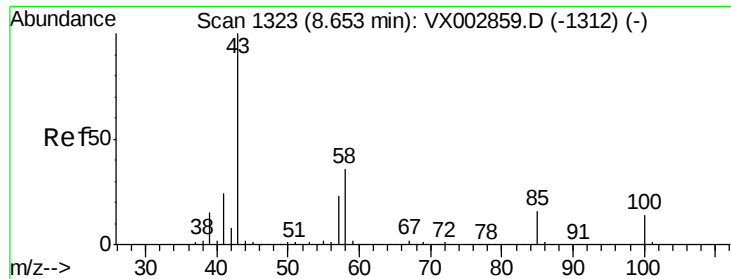
Tot Ion: 88 Resp: 75899
Ion Ratio Lower Upper
88 100
43 36.0 29.8 44.6
58 69.7 57.1 85.7



#50
Toluene-d8
Concen: 51.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 98 Resp: 554368
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 263.33 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

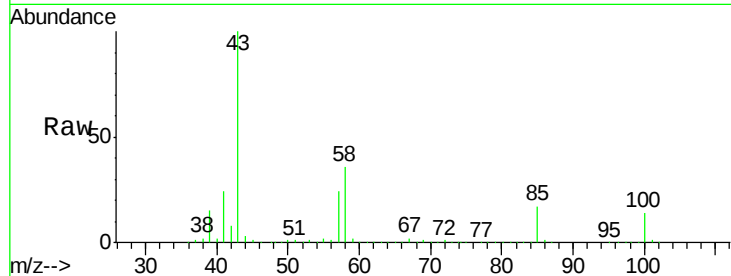
VSTDCCC050

Tot Ion: 43 Resp: 1221530

Ion Ratio Lower Upper

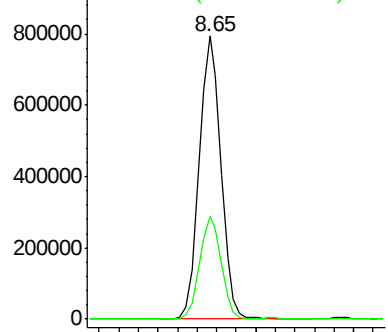
43 100

58 36.0 28.6 42.8

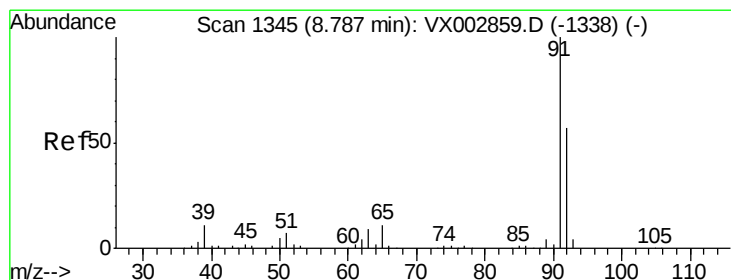
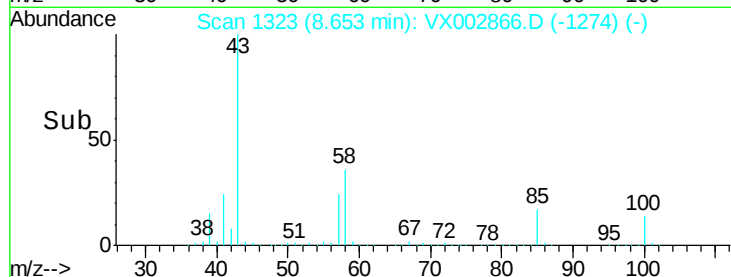


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 50.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002866.D

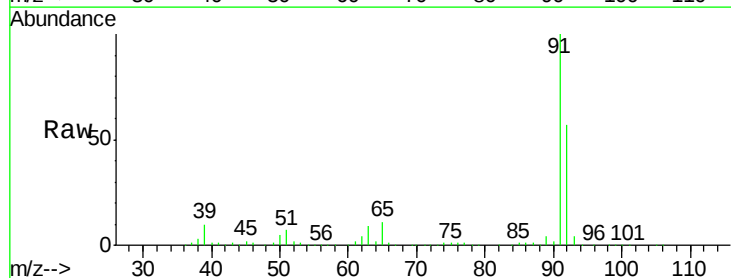
Acq: 25 Jun 2018 18:26

Tgt Ion: 92 Resp: 382854

Ion Ratio Lower Upper

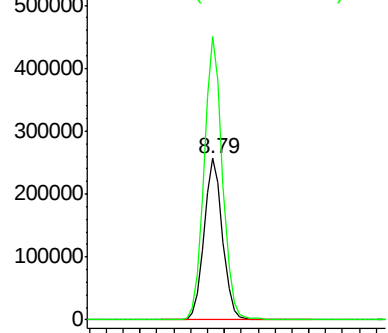
92 100

91 174.4 140.4 210.6

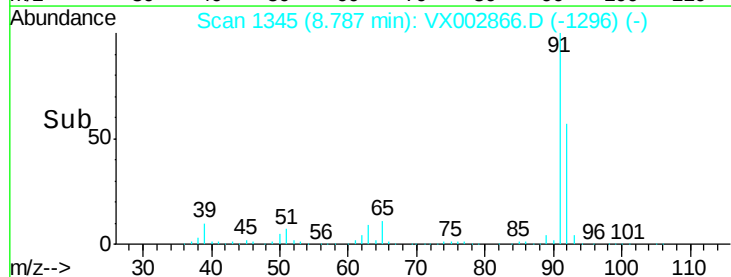


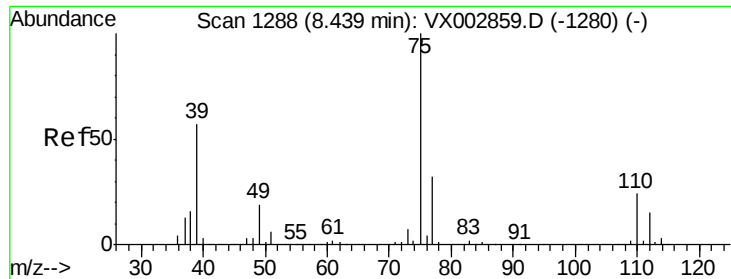
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 52.57 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

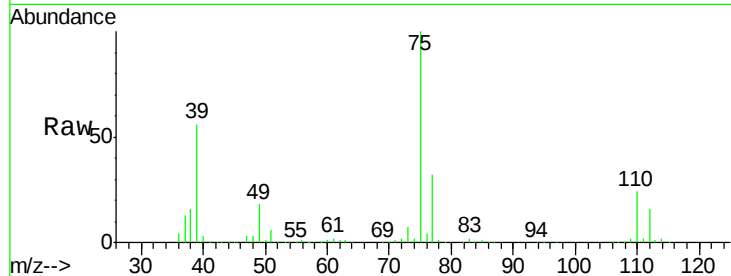
VSTDCCC050

Tot Ion: 75 Resp: 241708

Ion Ratio Lower Upper

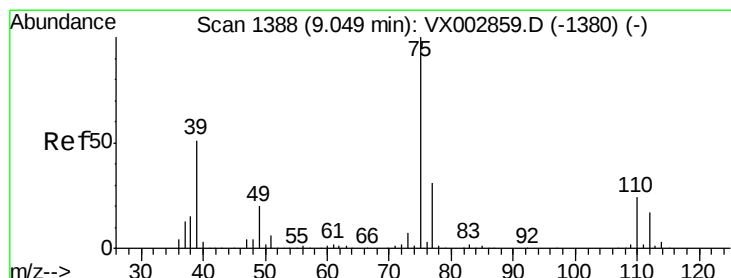
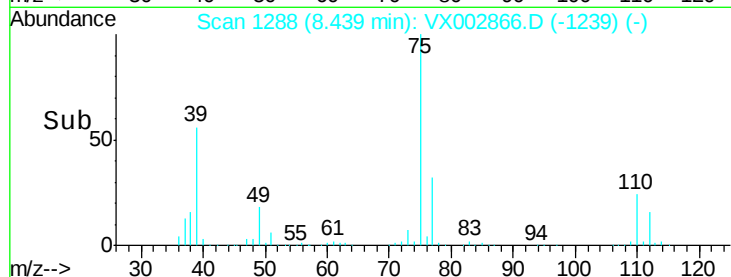
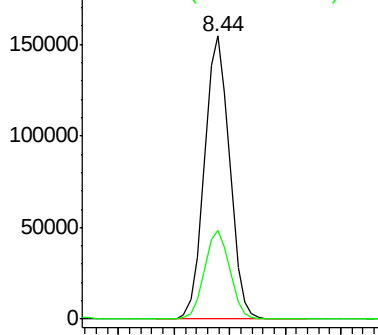
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.31 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

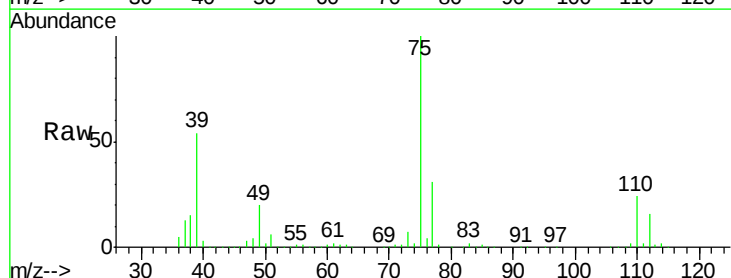
Tgt Ion: 75 Resp: 227003

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

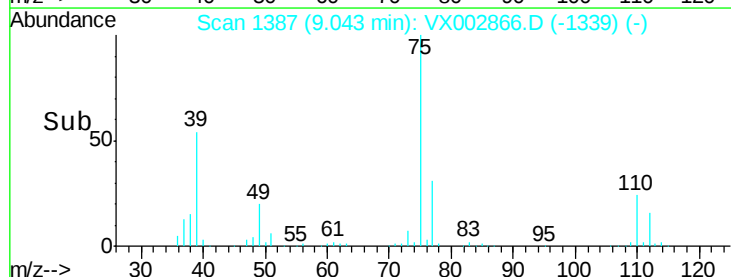
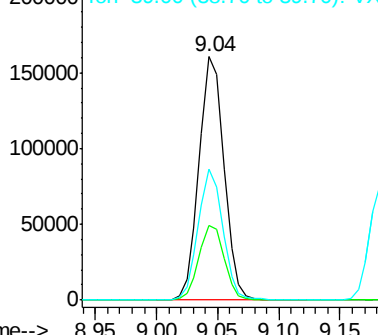
39 53.6 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

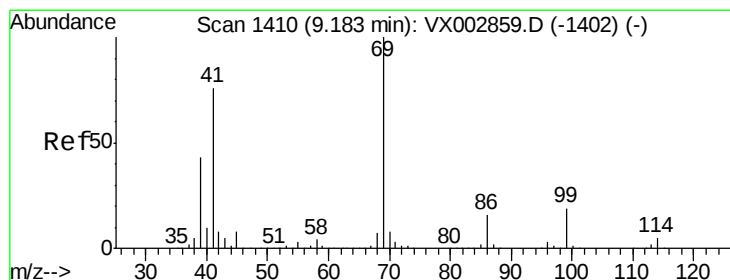
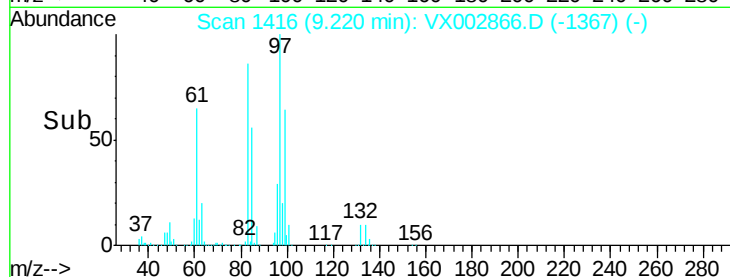
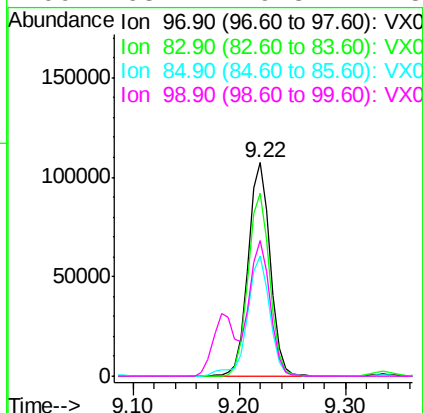
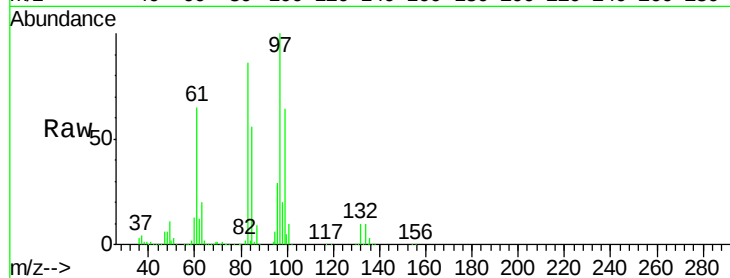




#55
 1,1,2-Trichloroethane
 Concen: 49.69 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

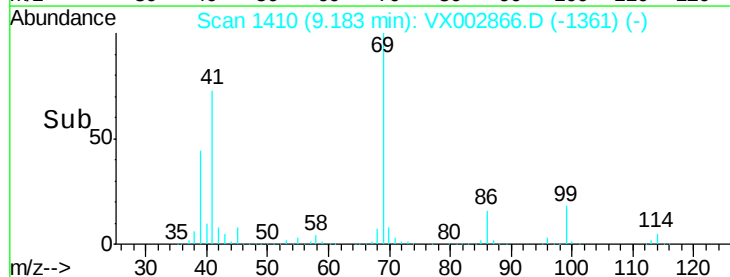
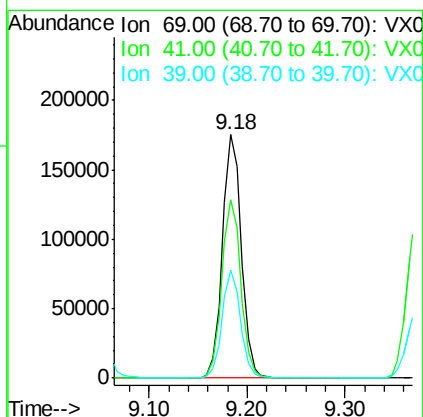
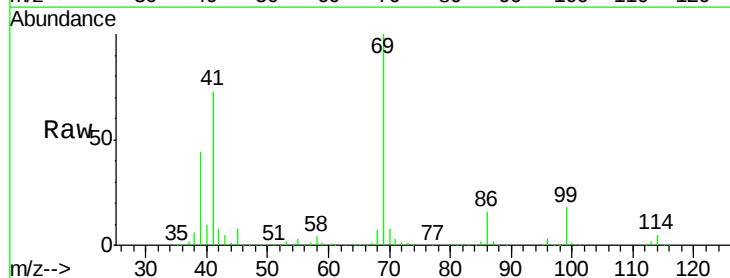
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

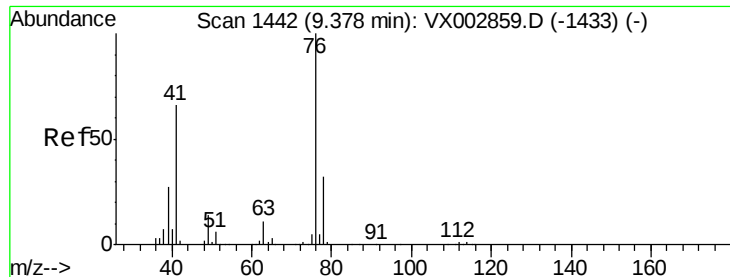
Tot Ion:	97	Resp:	156043
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.2
85	56.1	44.9	67.3
99	63.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.34 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion:	69	Resp:	235642
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	43.3	35.8	53.8

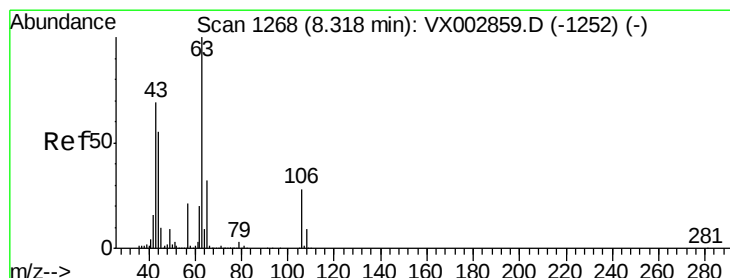
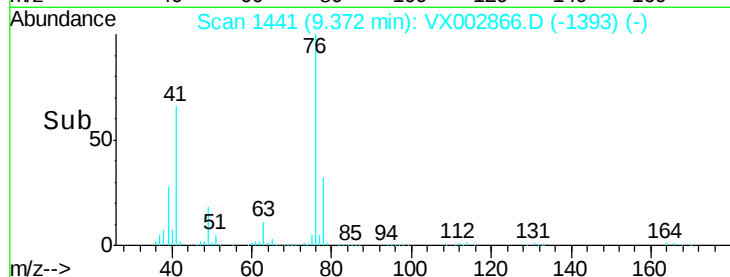
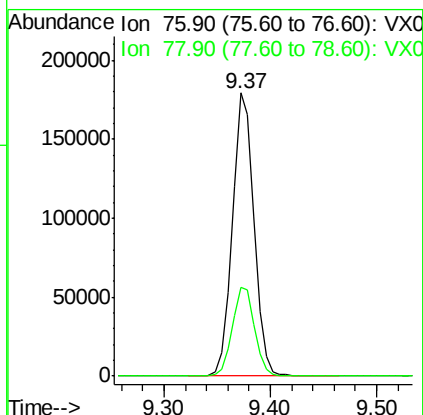
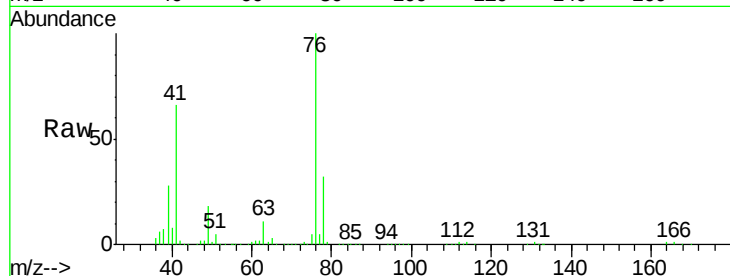




#57
 1,3-Dichloropropane
 Concen: 49.56 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

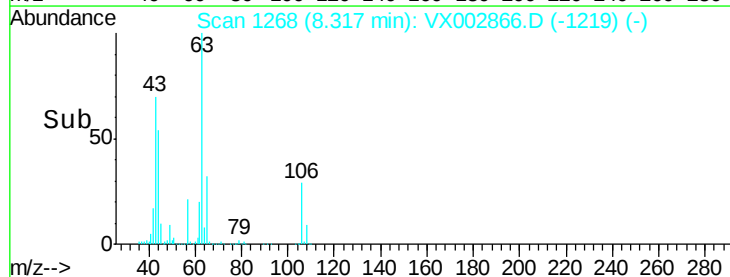
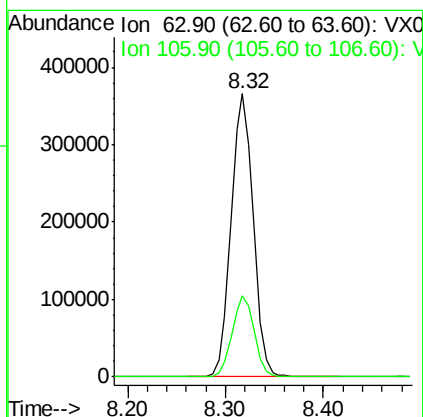
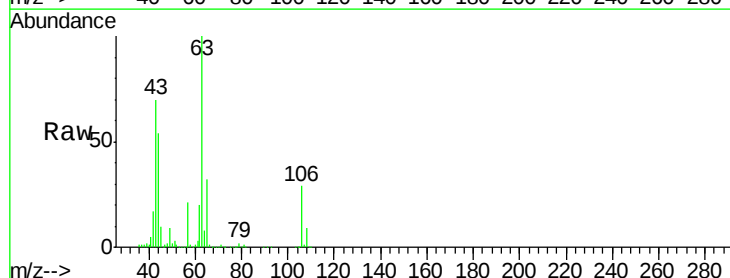
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 255598
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.56 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion: 63 Resp: 572516
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

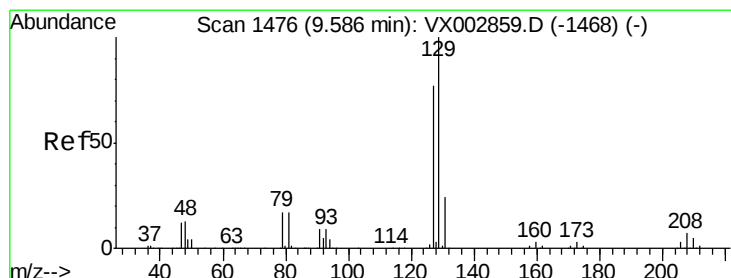
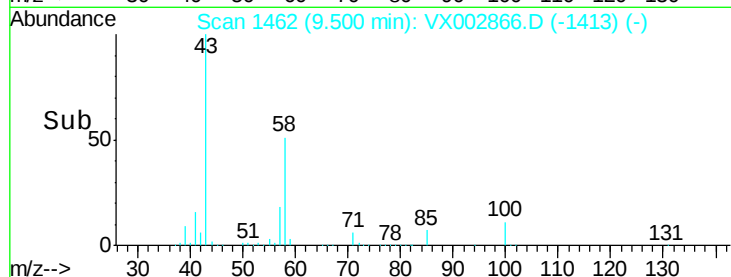
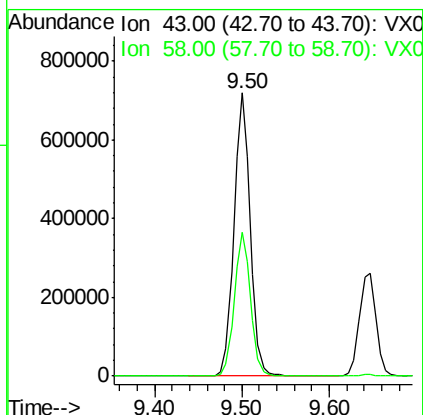
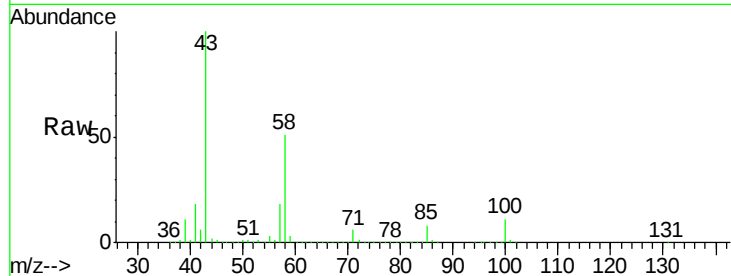




#59
2-Hexanone
Concen: 266.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

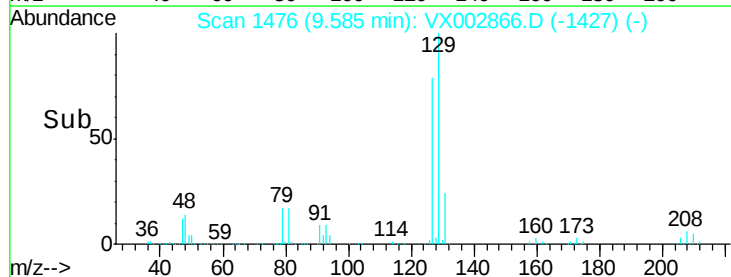
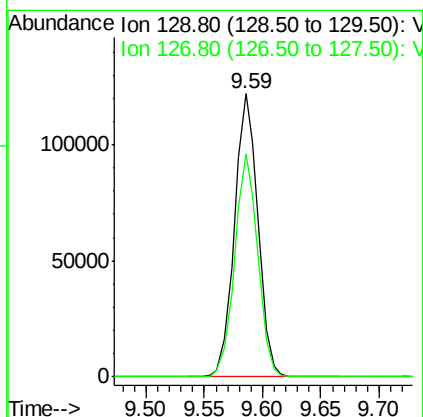
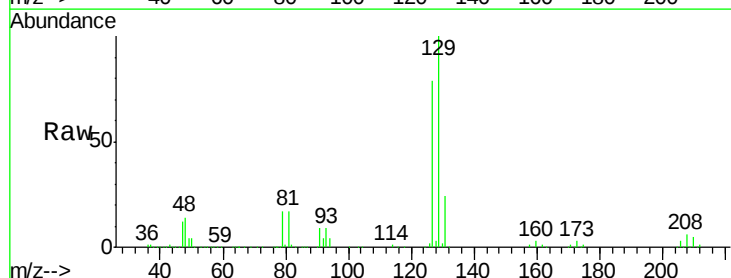
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

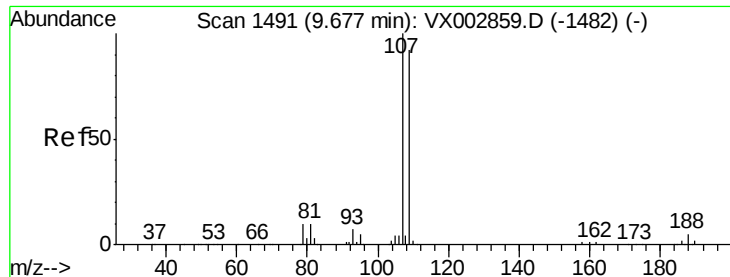
Tot Ion: 43 Resp: 937831
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6



#60
Dibromochloromethane
Concen: 51.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 129 Resp: 170634
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

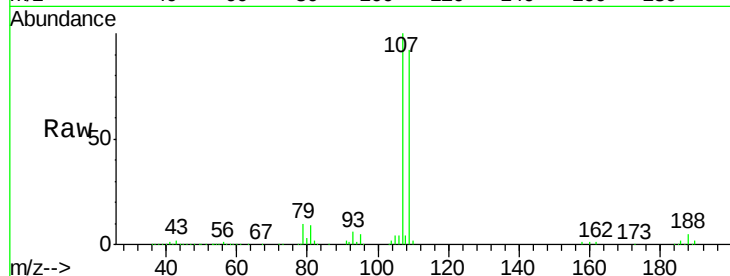
VSTDCCC050

Tot Ion:107 Resp: 166723

Ion Ratio Lower Upper

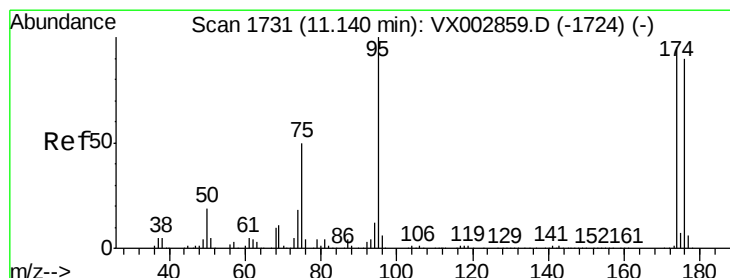
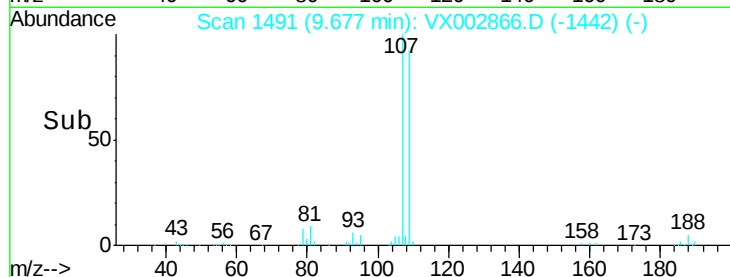
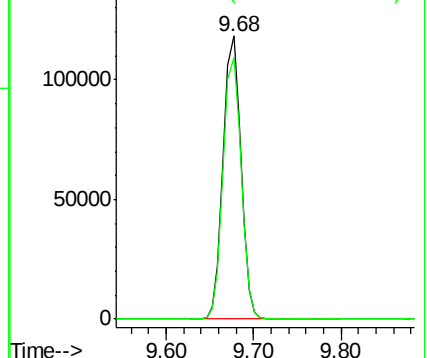
107 100

109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

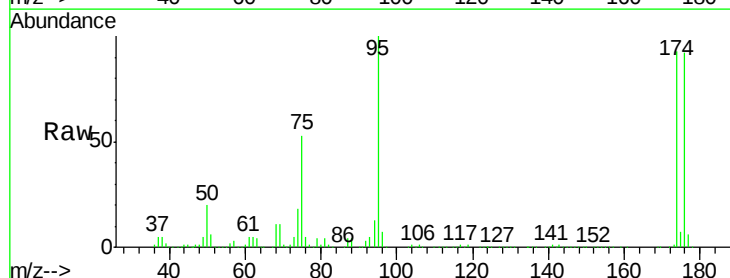
Tgt Ion: 95 Resp: 216548

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

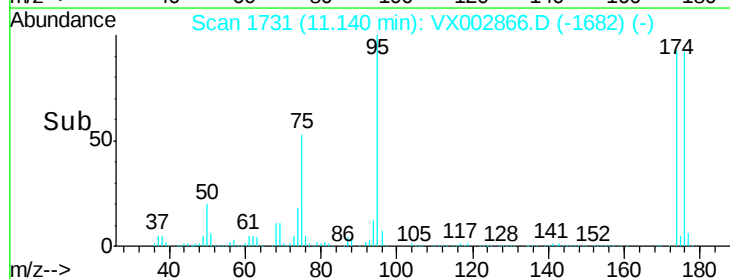
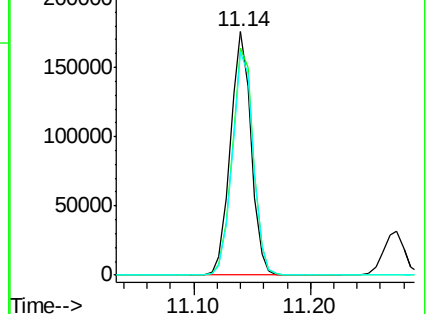
176 93.2 0.0 181.0

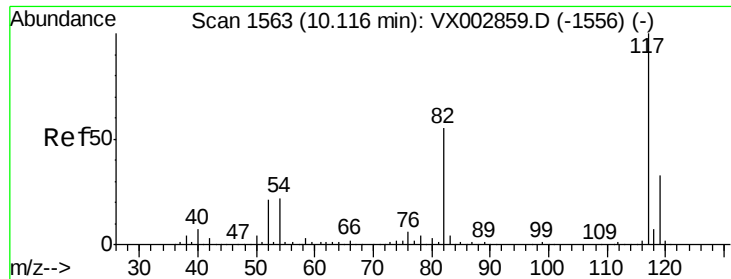


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

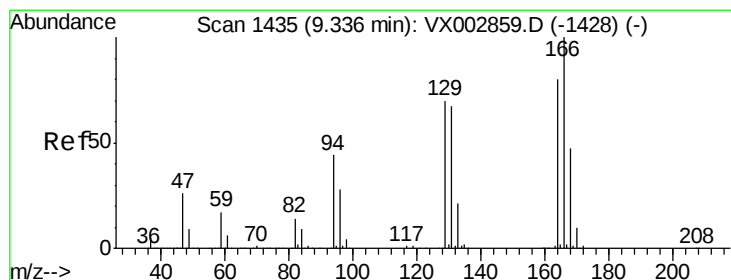
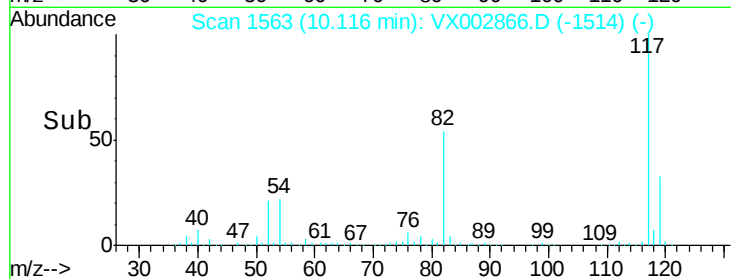
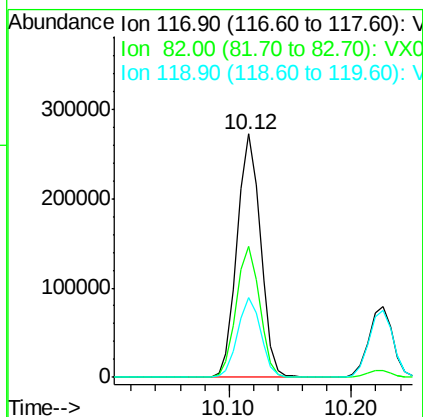
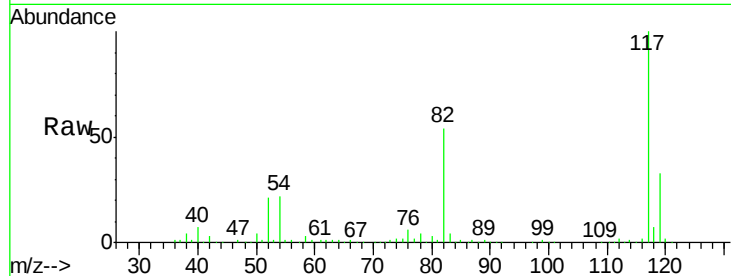




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

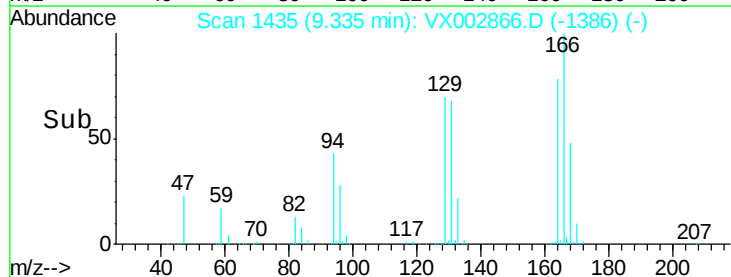
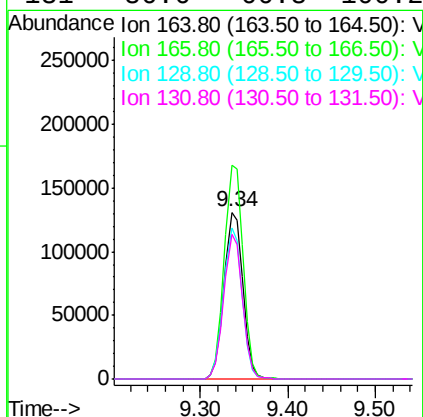
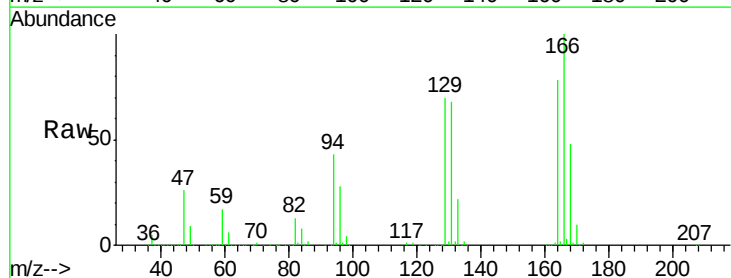
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 359801
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion:164 Resp: 195480
Ion Ratio Lower Upper
164 100
166 127.9 102.9 154.3
129 90.1 68.6 102.8
131 86.6 66.8 100.2

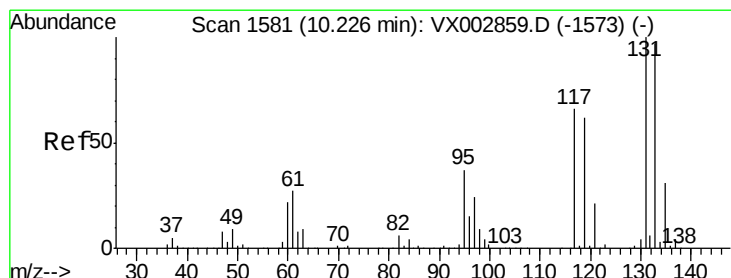
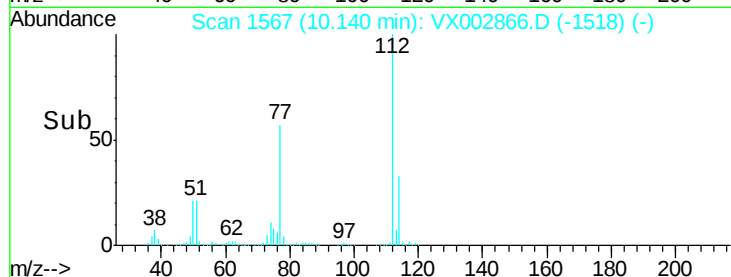
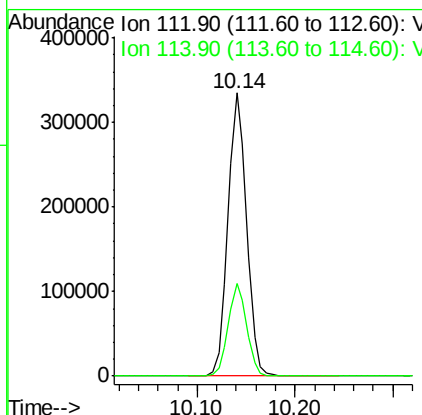
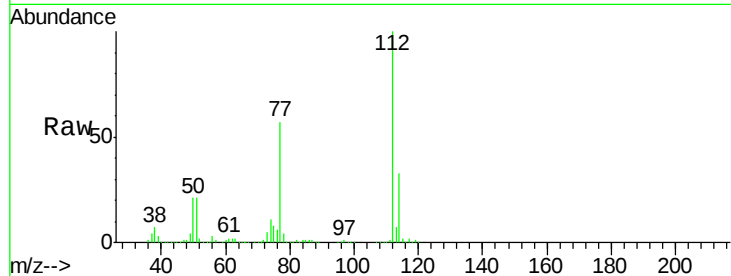




#65
Chlorobenzene
Concen: 48.53 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

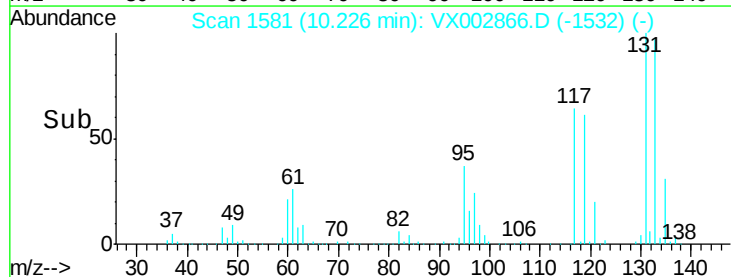
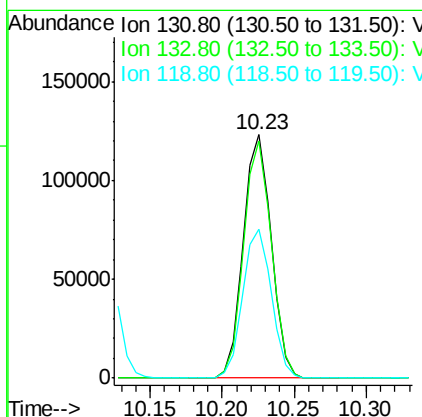
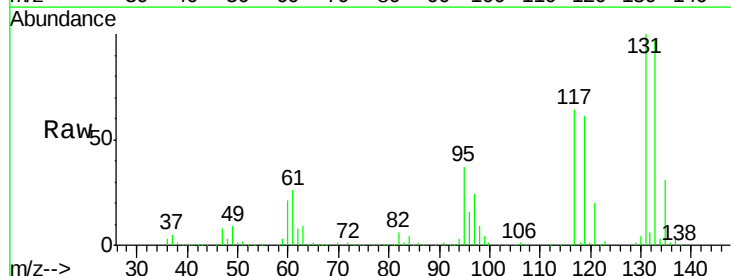
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

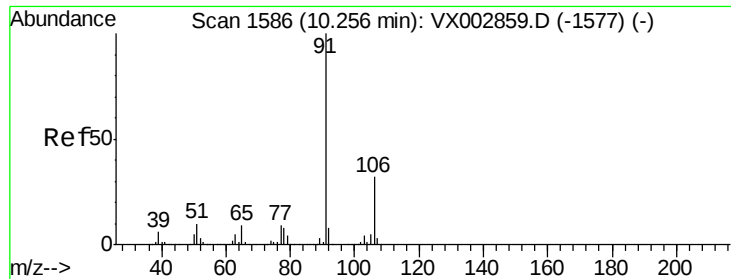
Tot Ion:112 Resp: 443467
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.93 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion:131 Resp: 165758
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 62.5 31.8 95.3





#67

Ethyl Benzene

Concen: 50.76 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

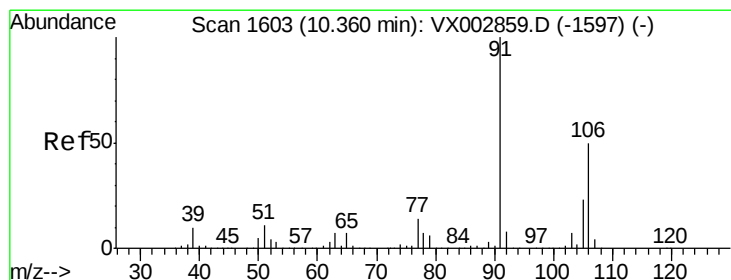
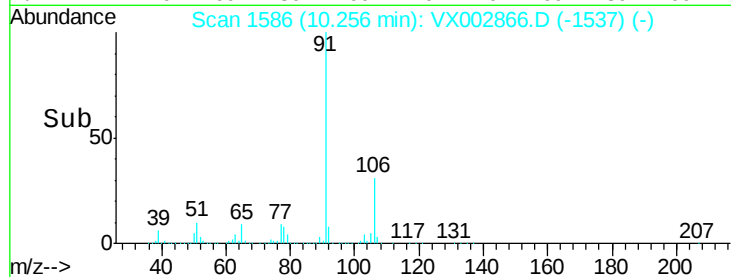
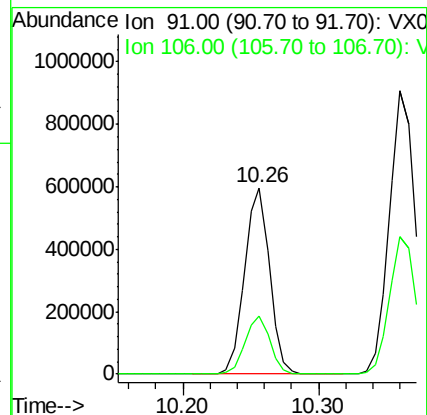
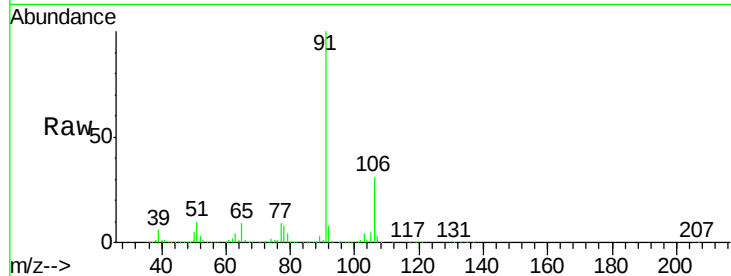
VSTDCCC050

Tot Ion: 91 Resp: 766327

Ion Ratio Lower Upper

91 100

106 31.2 25.5 38.3



#68

m/p-Xylenes

Concen: 101.98 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002866.D

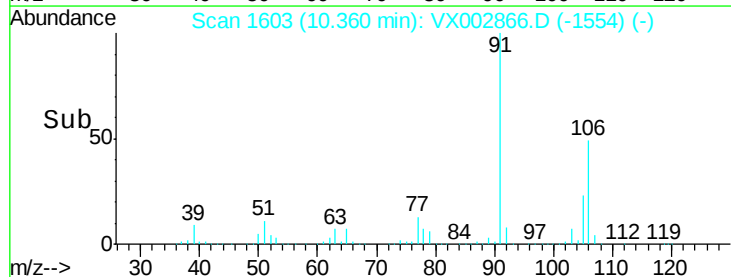
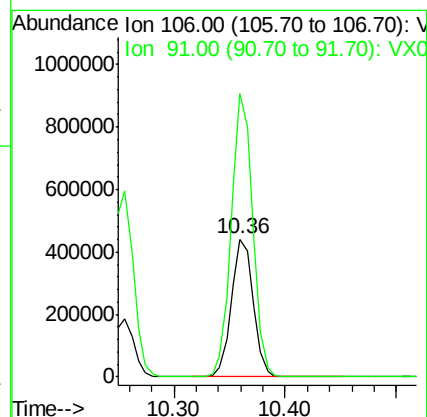
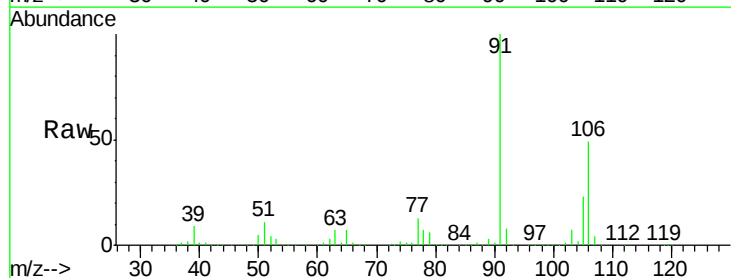
Acq: 25 Jun 2018 18:26

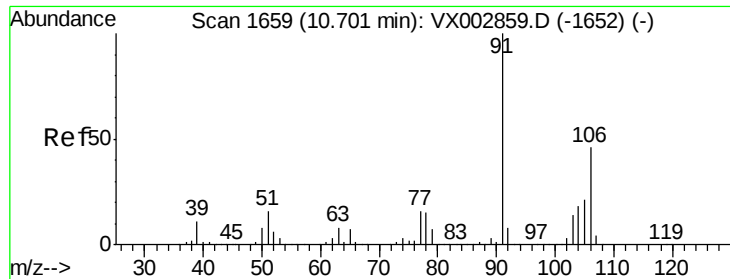
Tgt Ion: 106 Resp: 593325

Ion Ratio Lower Upper

106 100

91 203.2 163.4 245.2

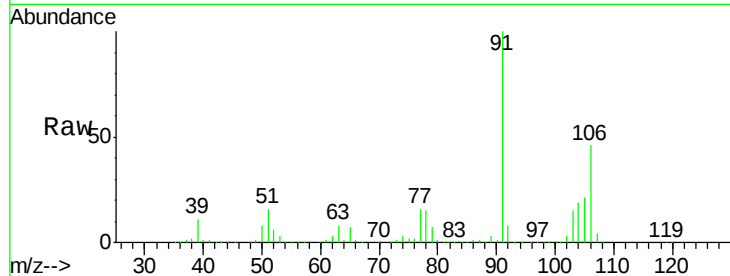




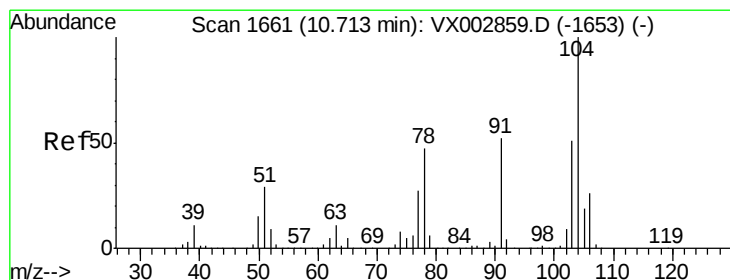
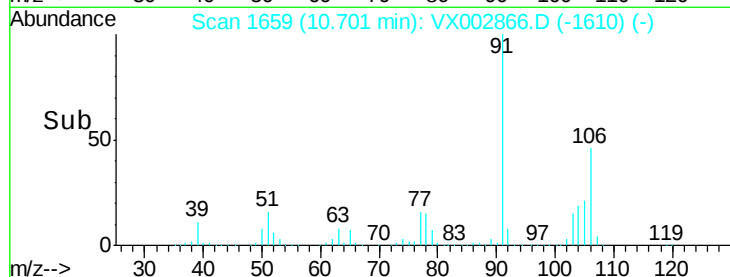
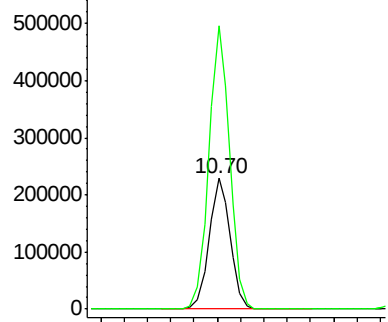
#69
o-Xylene
Concen: 50.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 286906
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

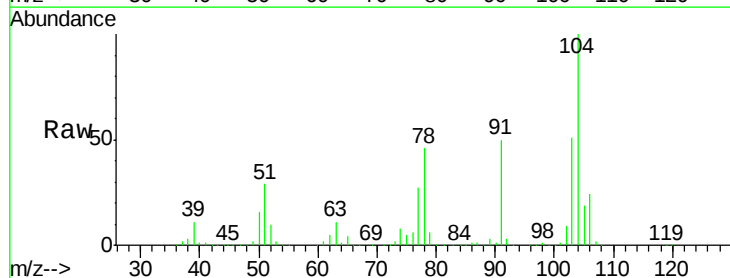


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

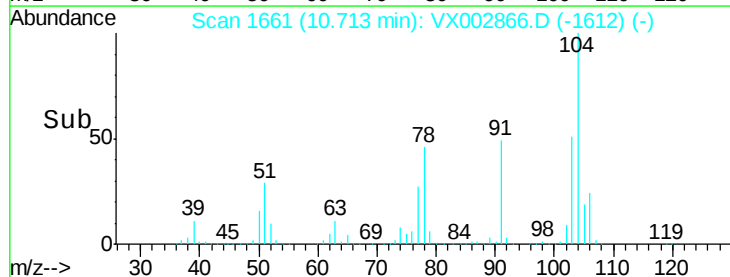
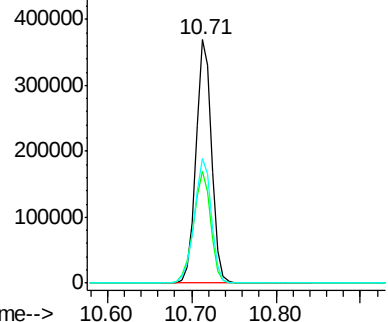


#70
Styrene
Concen: 51.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion:104 Resp: 475290
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.8 44.2 66.4



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





#71

Bromoform

Concen: 45.99 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

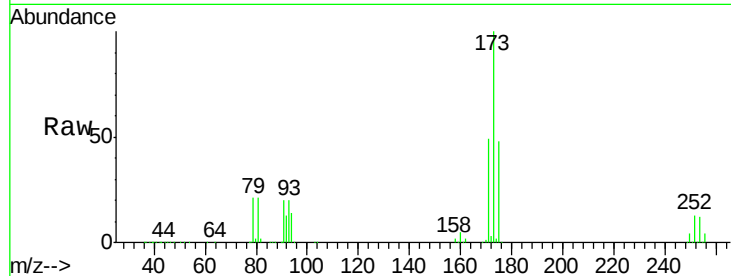
Tot Ion:173 Resp: 136938

Ion Ratio Lower Upper

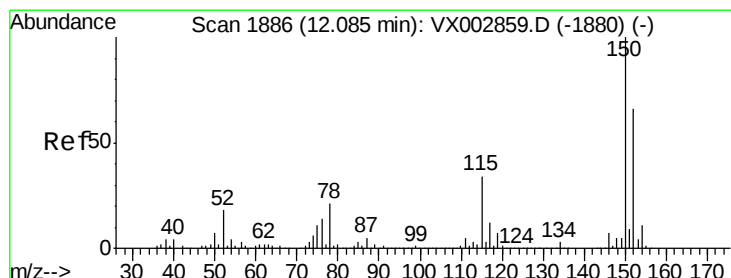
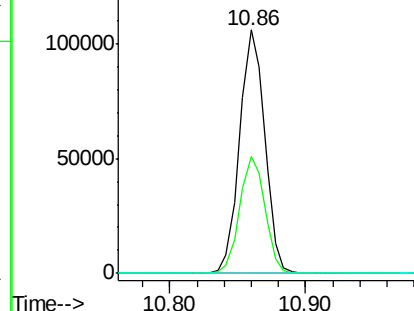
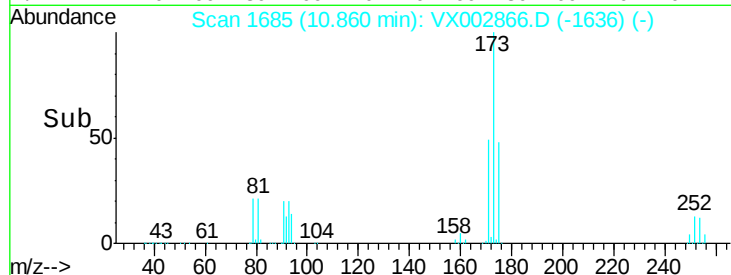
173 100

175 48.4 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

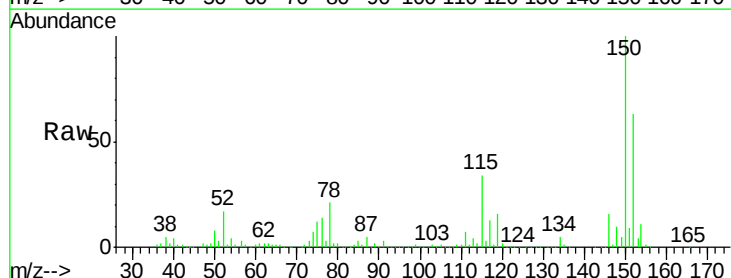
Tgt Ion:152 Resp: 232040

Ion Ratio Lower Upper

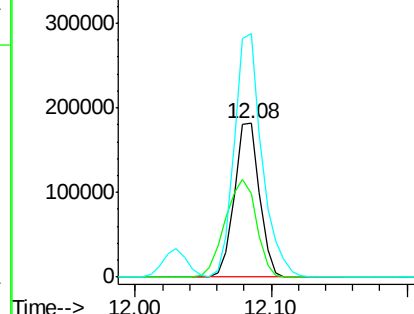
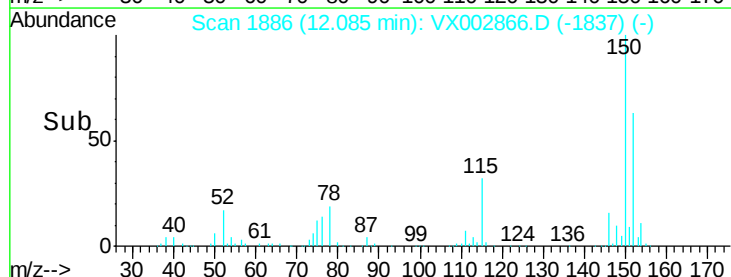
152 100

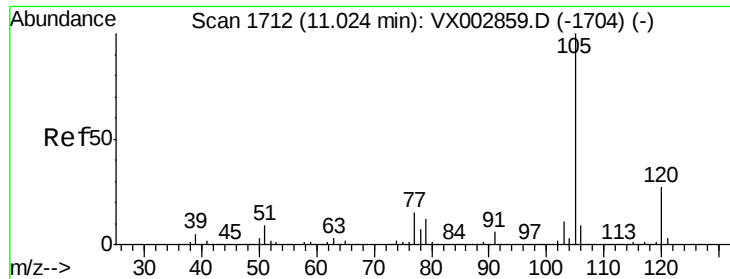
115 79.1 40.1 120.2

150 175.2 0.0 347.2



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





#73

Isopropylbenzene

Concen: 50.78 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

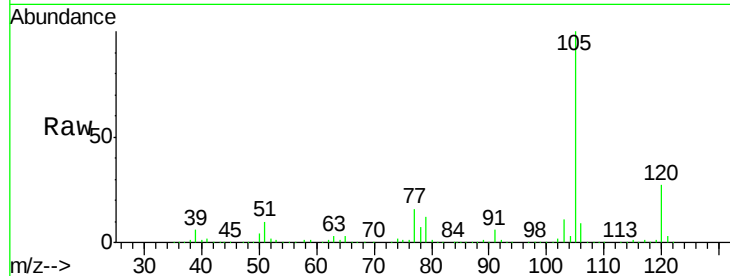
VSTDCCC050

Tot Ion:105 Resp: 792660

Ion Ratio Lower Upper

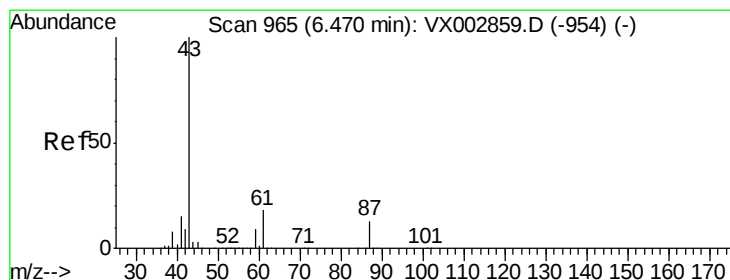
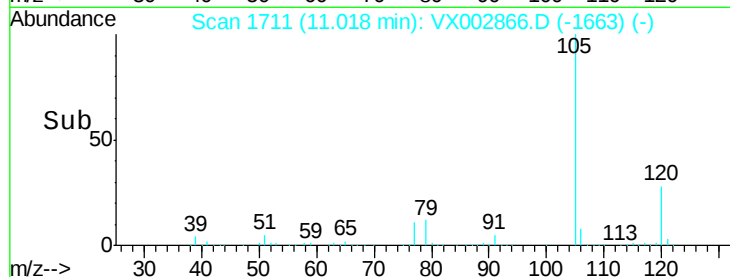
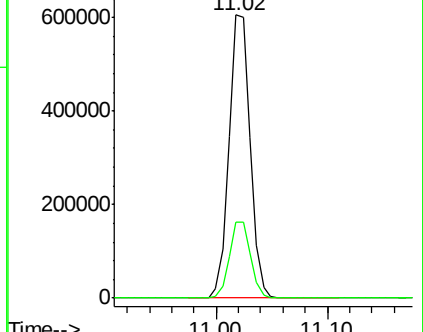
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.50 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion: 43 Resp: 370445

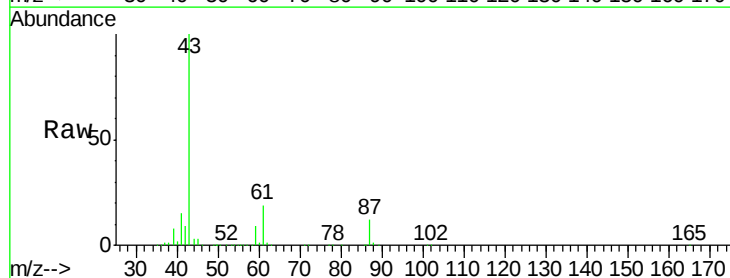
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.3 14.4 21.6

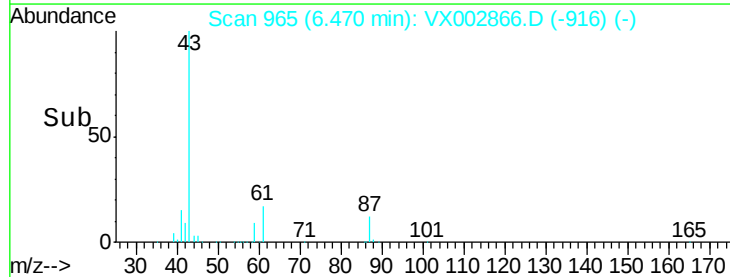
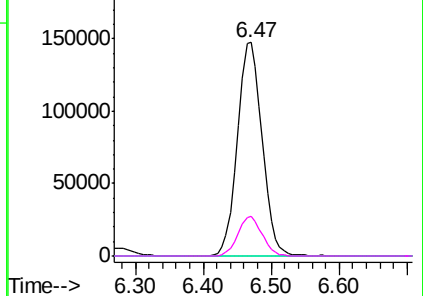


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

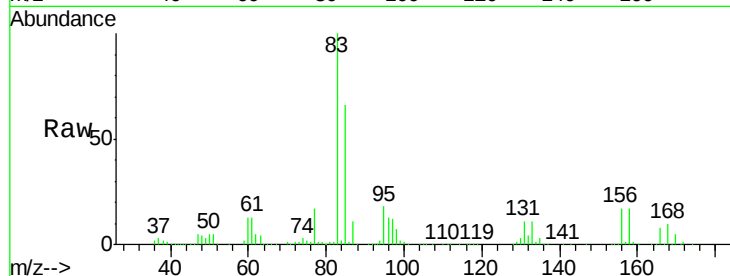
Tot Ion: 83 Resp: 232257

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

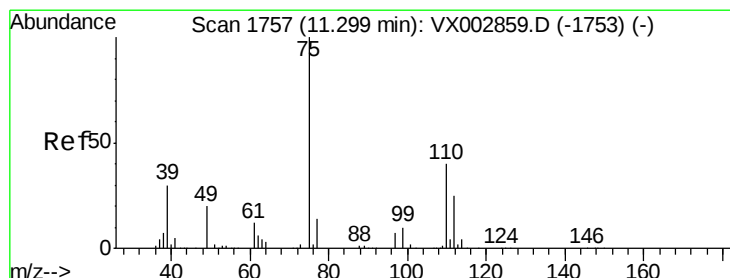
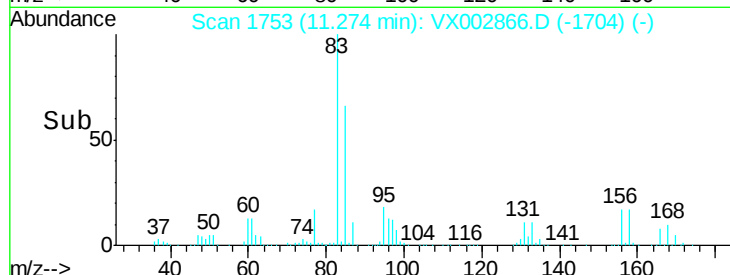
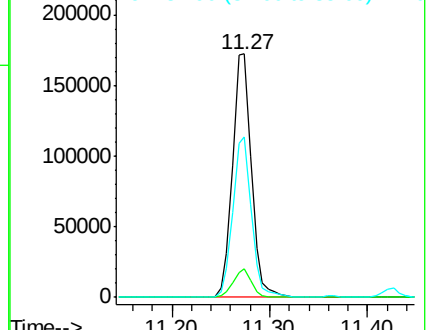
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.09 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002866.D

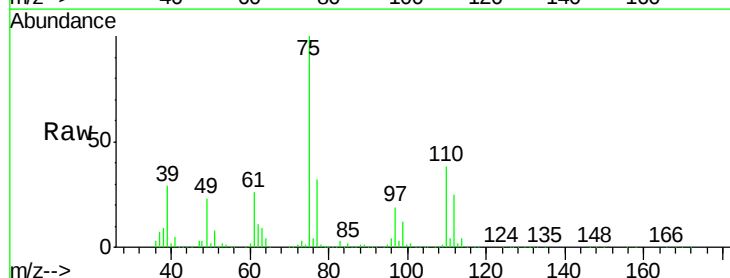
Acq: 25 Jun 2018 18:26

Tgt Ion: 75 Resp: 281966

Ion Ratio Lower Upper

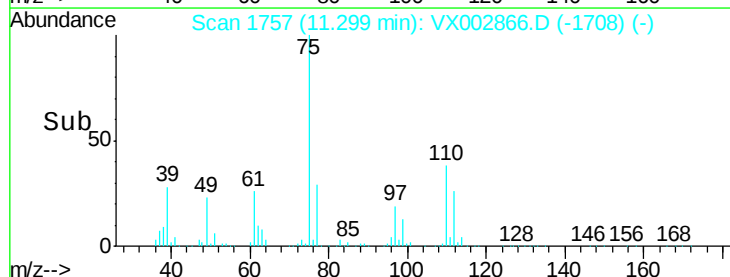
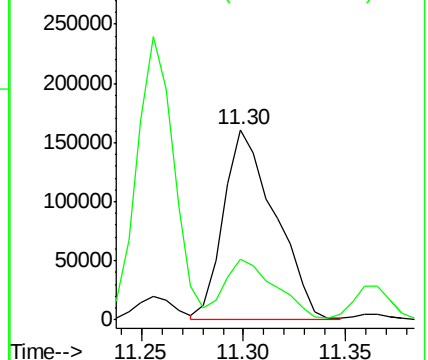
75 100

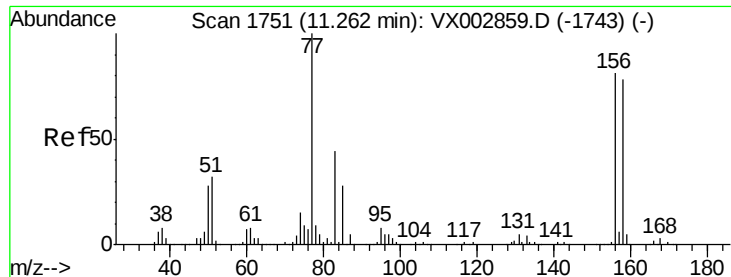
77 31.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.58 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

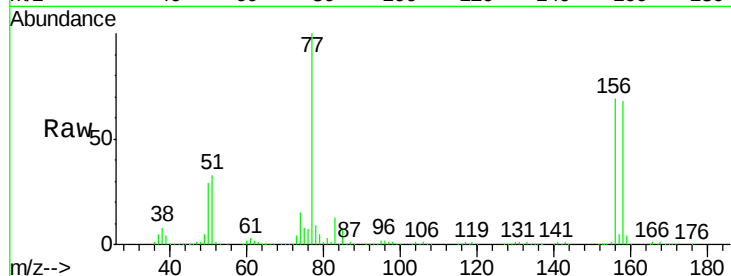
Tot Ion:156 Resp: 215945

Ion Ratio Lower Upper

156 100

77 139.3 71.4 214.2

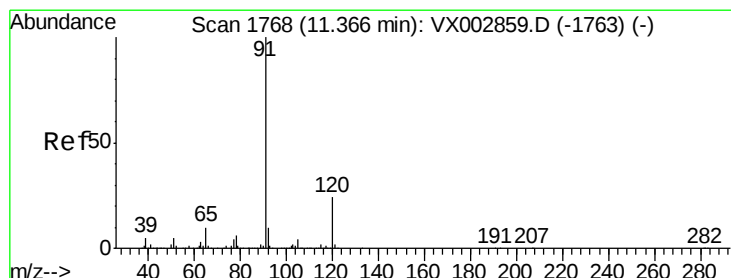
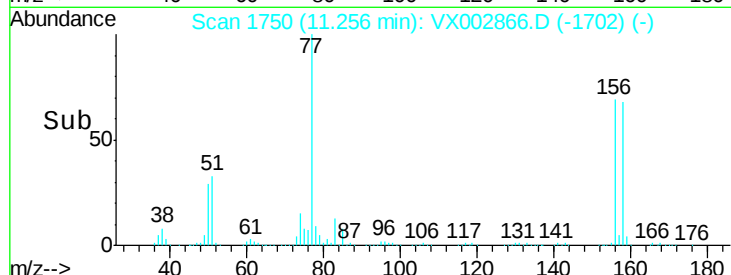
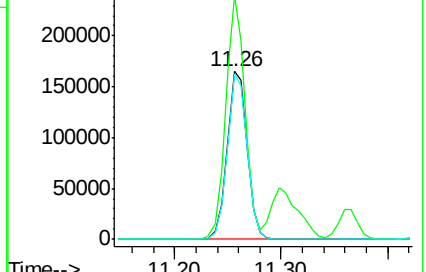
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002866.D

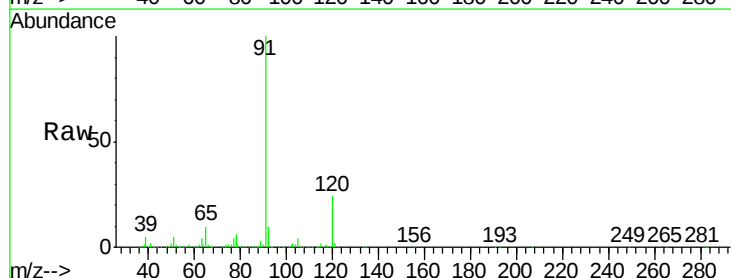
Acq: 25 Jun 2018 18:26

Tgt Ion: 91 Resp: 916727

Ion Ratio Lower Upper

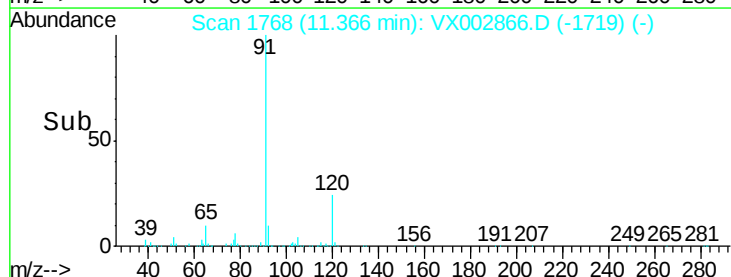
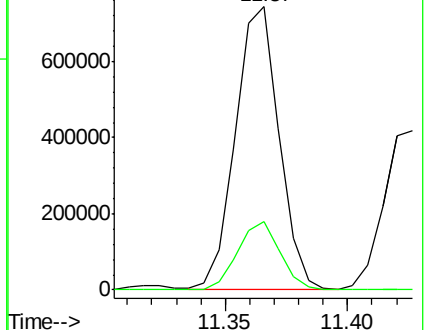
91 100

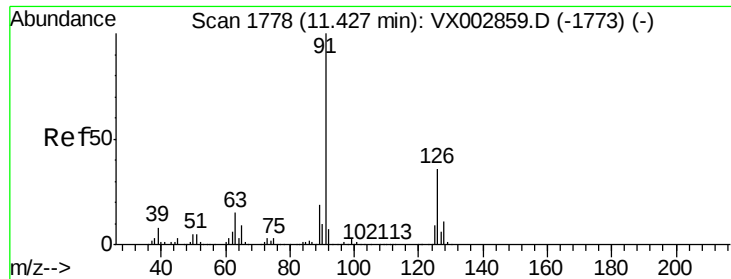
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.46 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

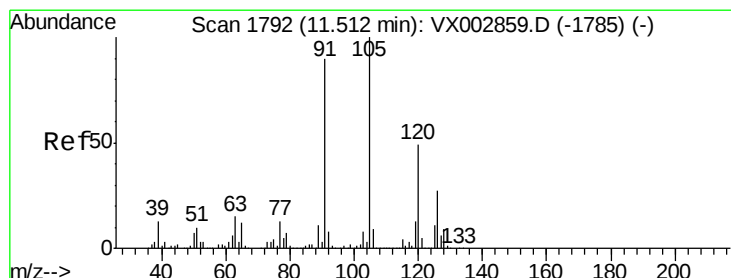
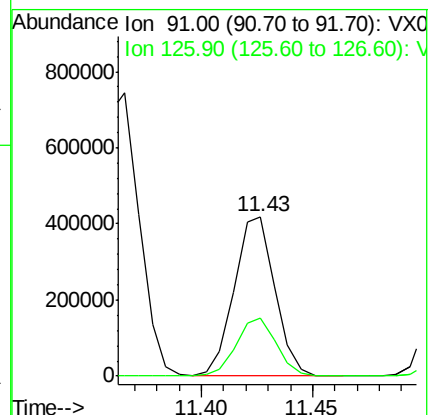
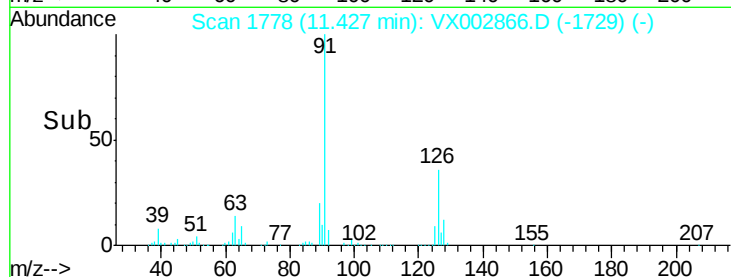
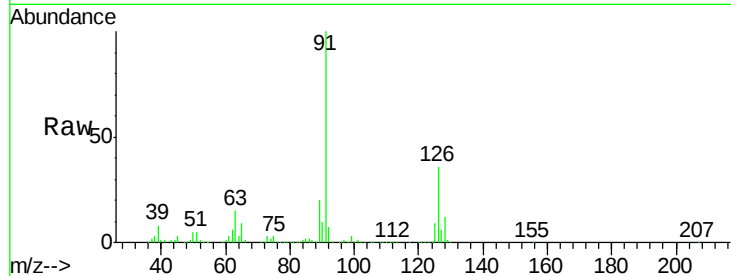
VSTDCCC050

Tot Ion: 91 Resp: 532033

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 51.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002866.D

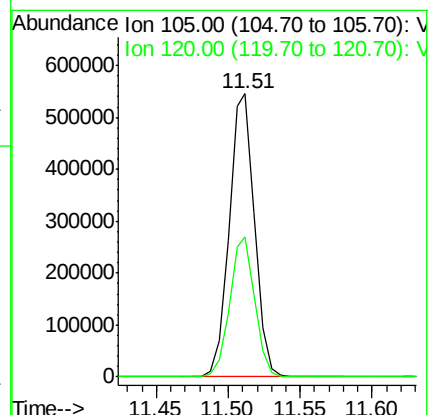
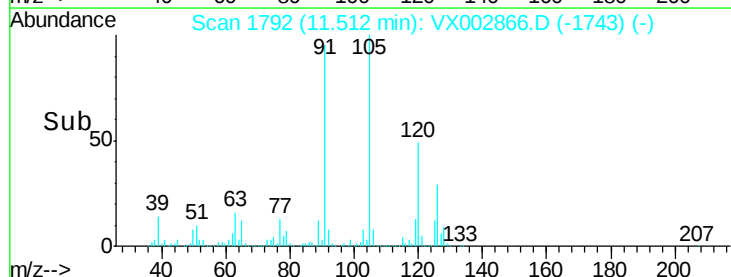
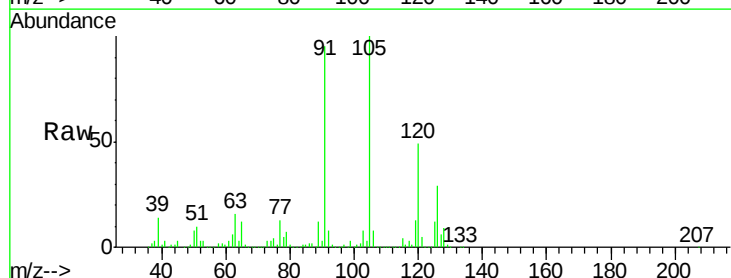
Acq: 25 Jun 2018 18:26

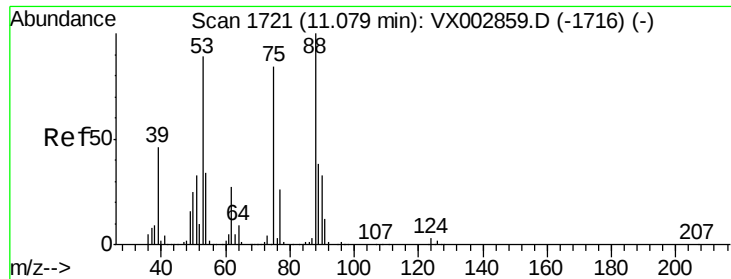
Tgt Ion: 105 Resp: 674351

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.74 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

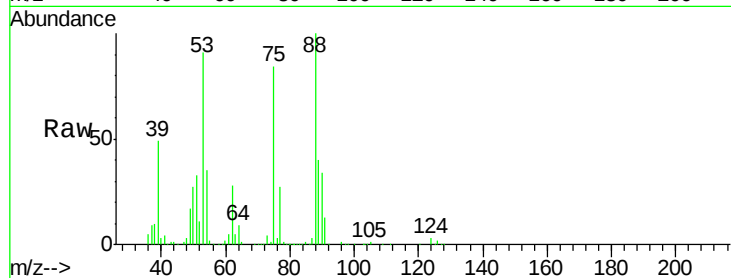
Tot Ion: 75 Resp: 67364

Ion Ratio Lower Upper

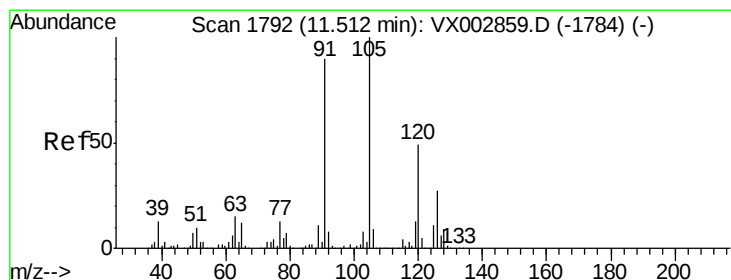
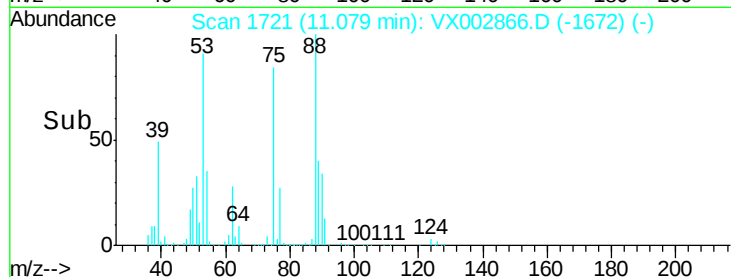
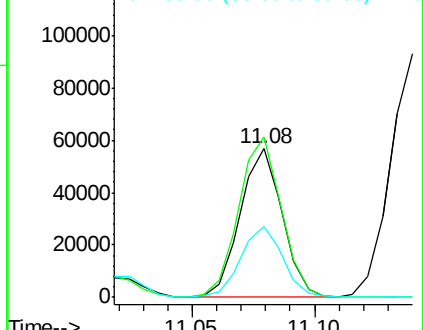
75 100

53 110.6 86.8 130.2

89 48.4 38.2 57.2



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: 50.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002866.D

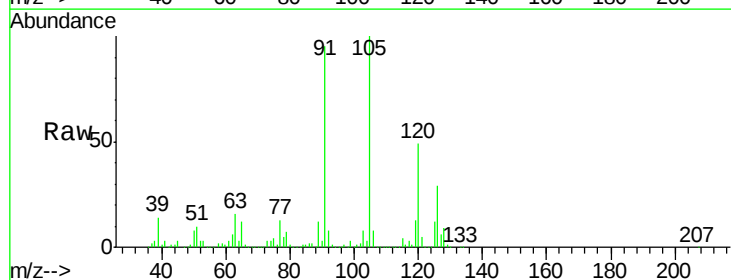
Acq: 25 Jun 2018 18:26

Tgt Ion: 91 Resp: 639201

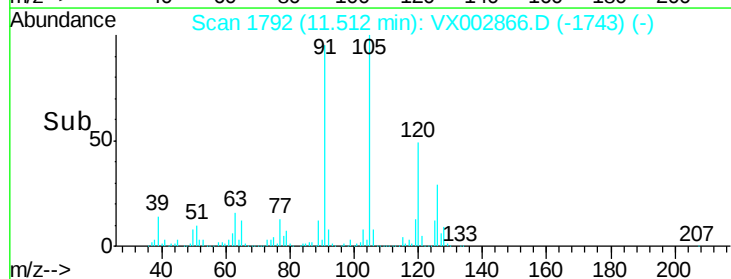
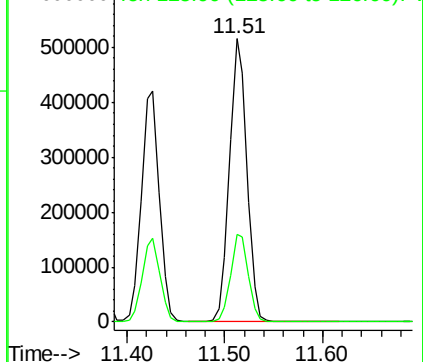
Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

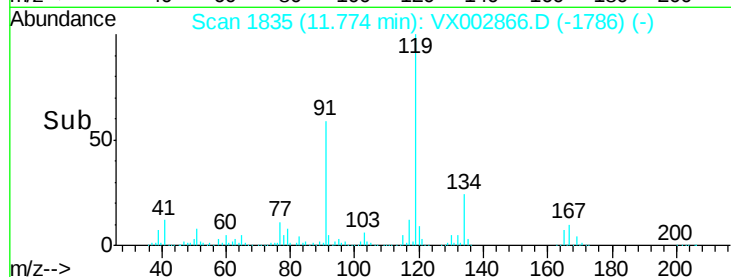
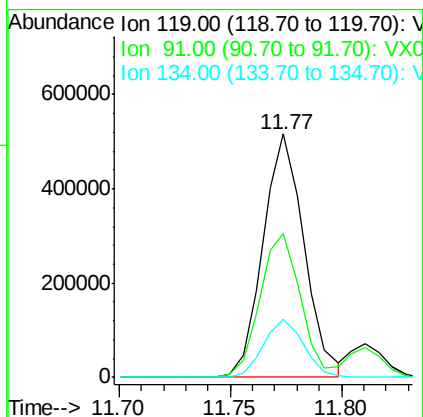
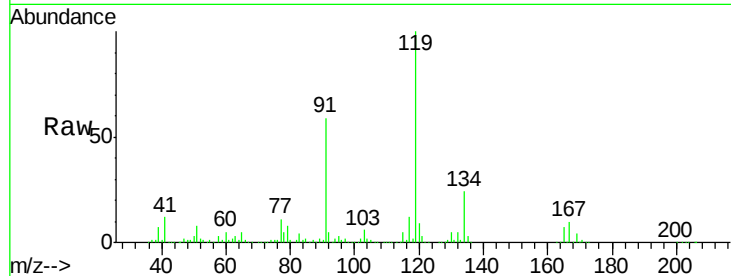




#83
 tert-Butylbenzene
 Concen: 51.11 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

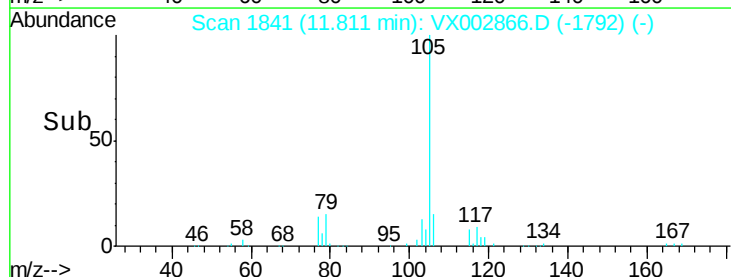
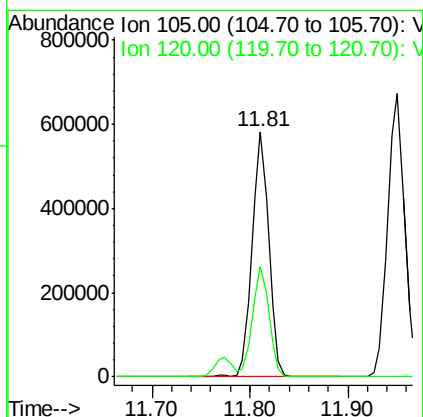
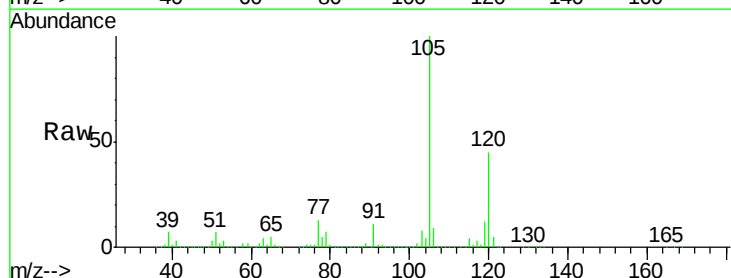
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

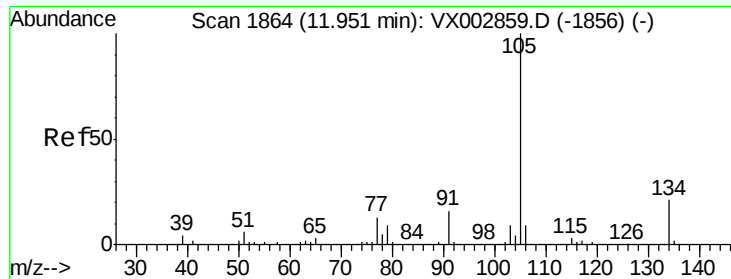
Tot Ion:119 Resp: 662291
 Ion Ratio Lower Upper
 119 100
 91 59.0 30.3 90.9
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion:105 Resp: 691322
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.64 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

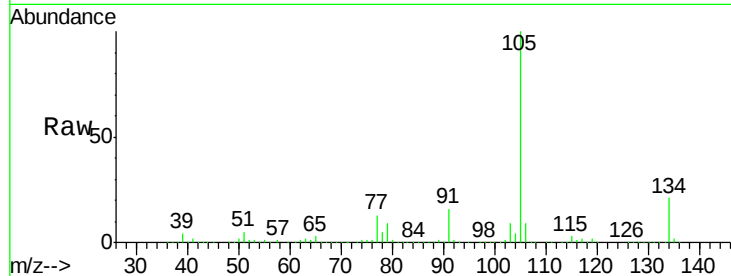
VSTDCCC050

Tot Ion:105 Resp: 811752

Ion Ratio Lower Upper

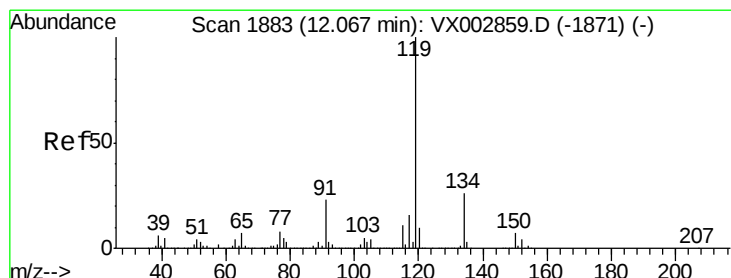
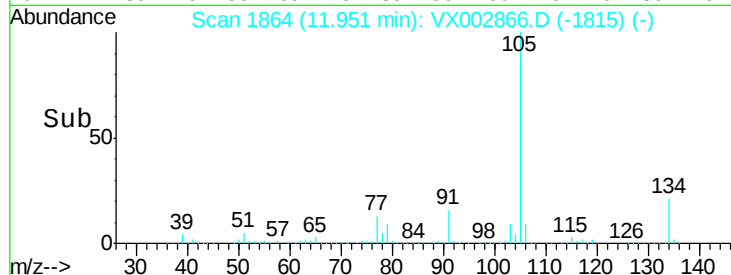
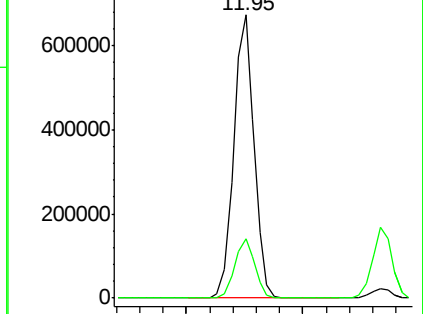
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

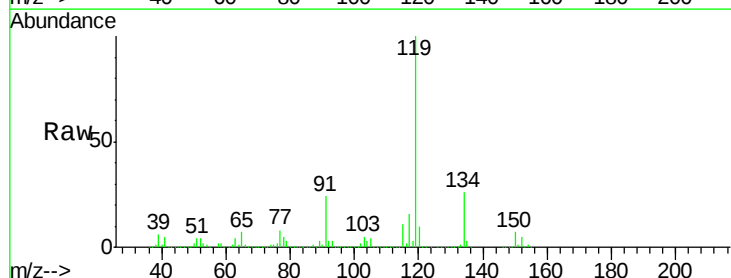
Tgt Ion:119 Resp: 738088

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

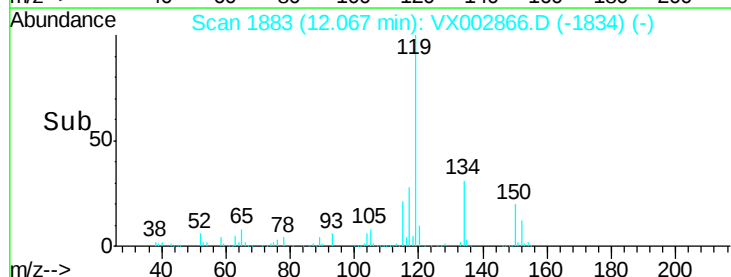
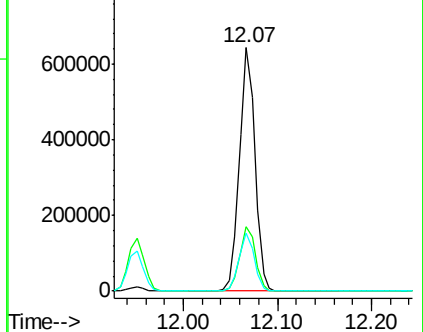
91 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.59 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

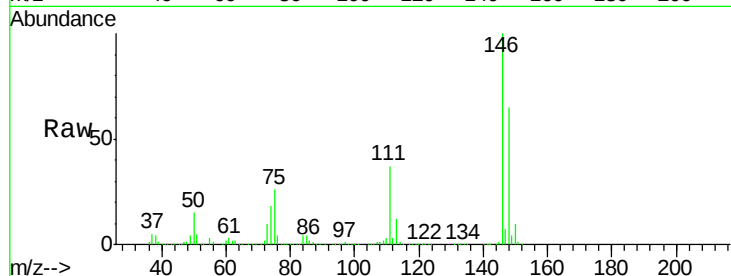
Tot Ion:146 Resp: 402600

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

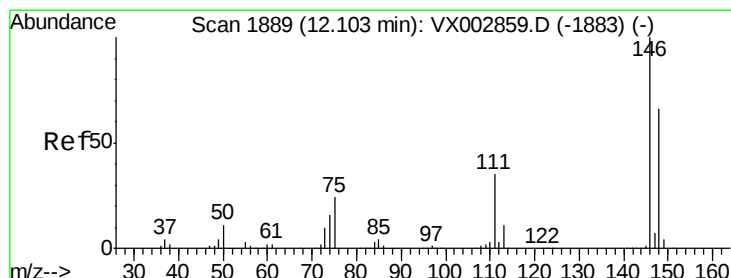
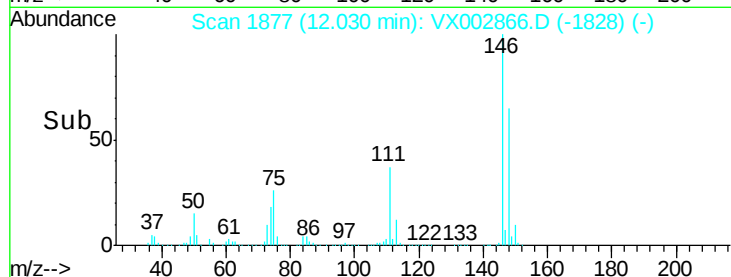
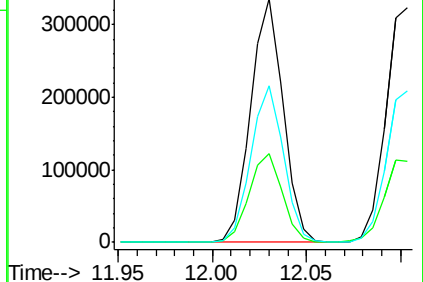
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.56 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

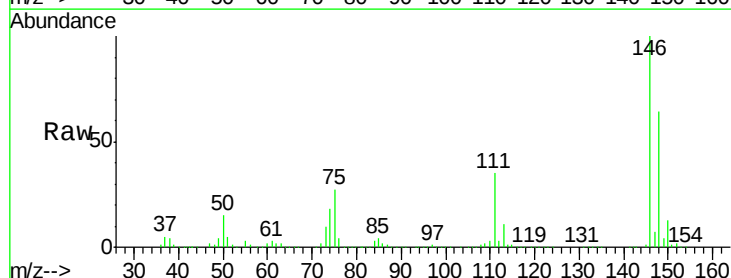
Tgt Ion:146 Resp: 405740

Ion Ratio Lower Upper

146 100

111 36.0 18.7 56.1

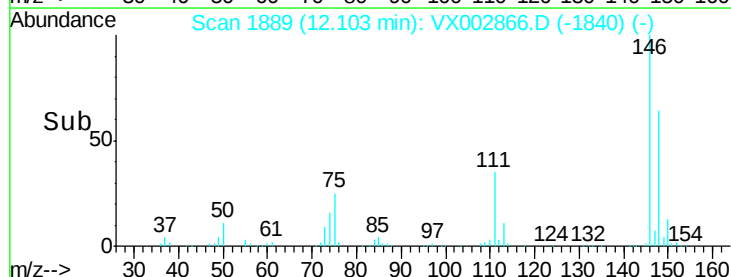
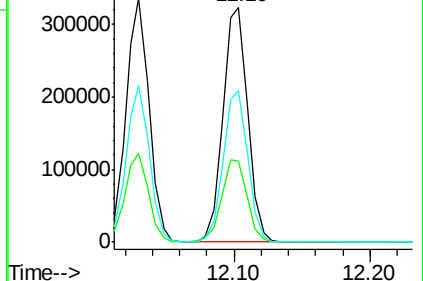
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.36 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

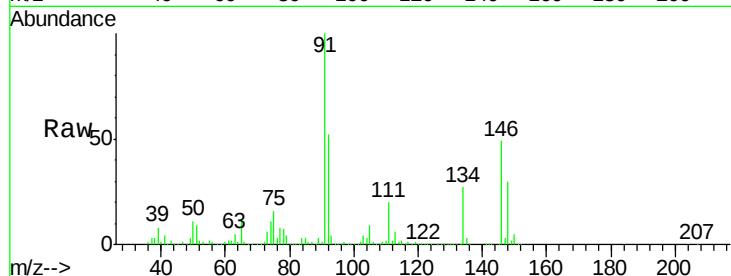
Tot Ion: 91 Resp: 644037

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

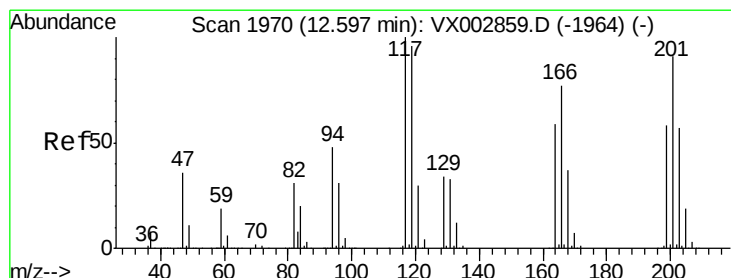
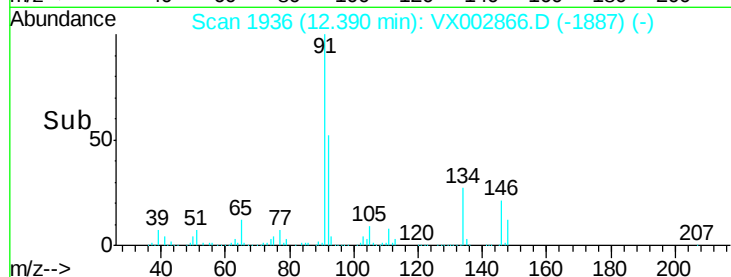
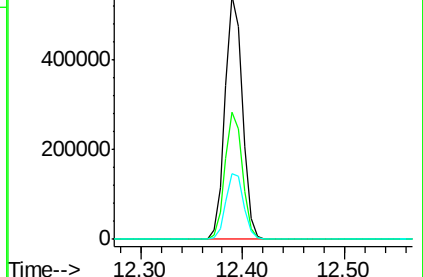
134 27.7 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)



#90

Hexachloroethane

Concen: 53.14 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002866.D

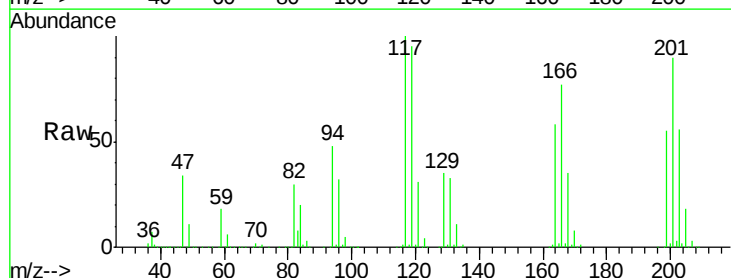
Acq: 25 Jun 2018 18:26

Tgt Ion: 117 Resp: 111691

Ion Ratio Lower Upper

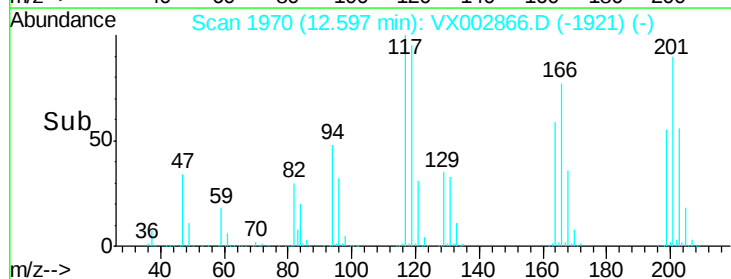
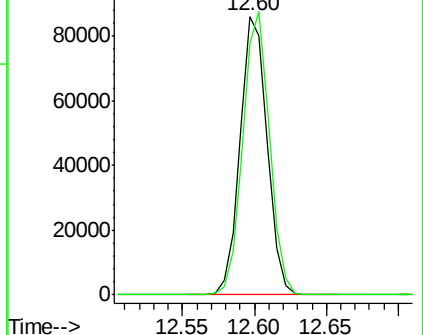
117 100

201 100.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)

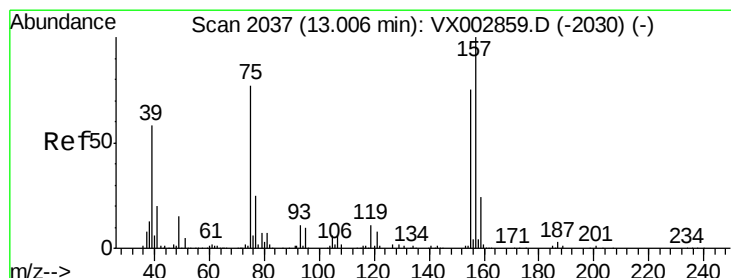
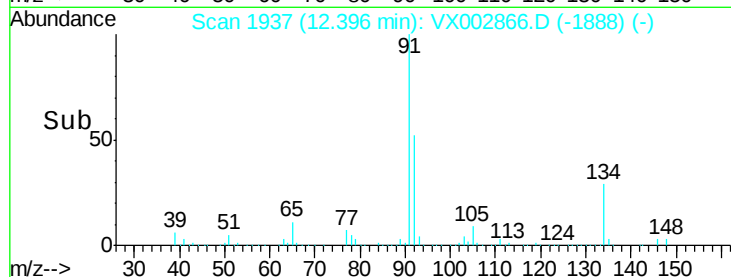
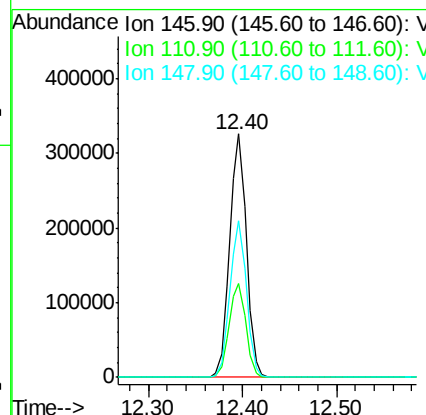
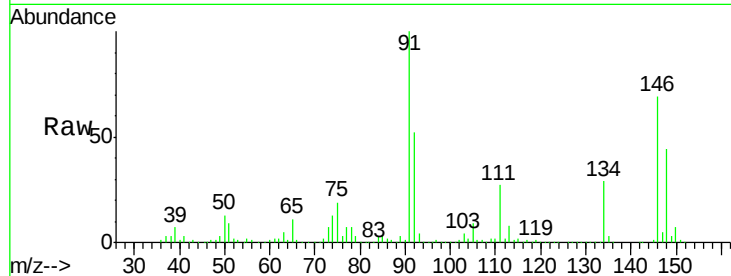




#91
 1,2-Dichlorobenzene
 Concen: 48.99 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

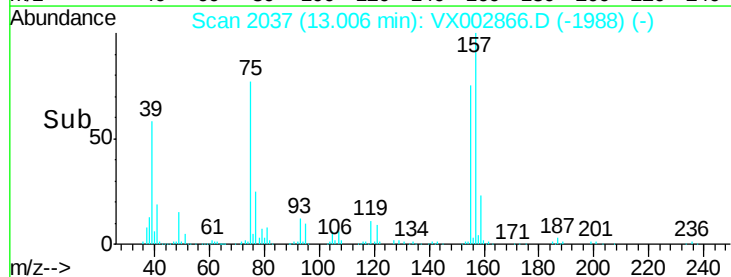
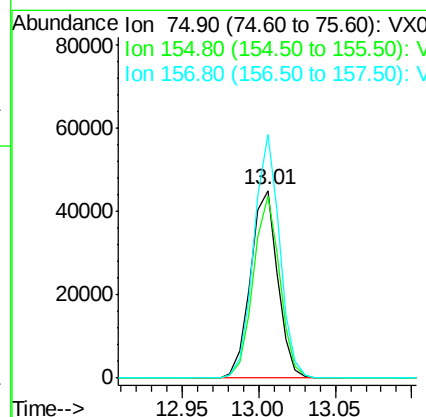
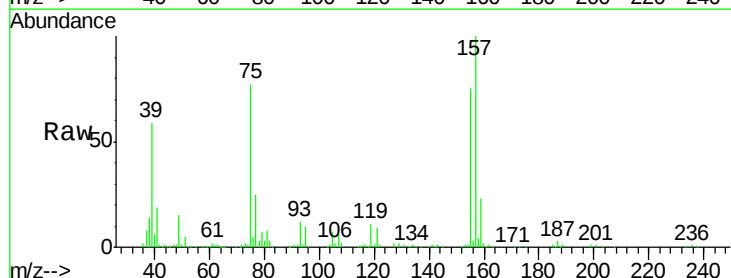
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

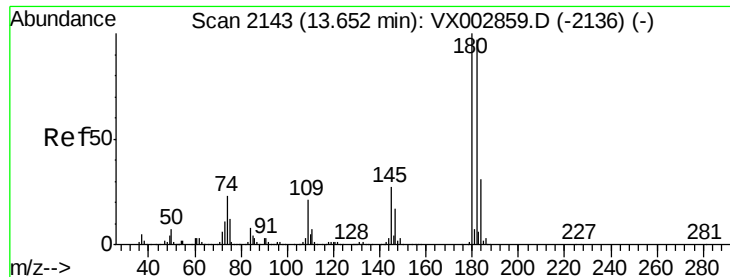
Tot Ion:146 Resp: 401422
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion: 75 Resp: 55294
 Ion Ratio Lower Upper
 75 100
 155 94.7 45.8 137.4
 157 123.5 60.1 180.3

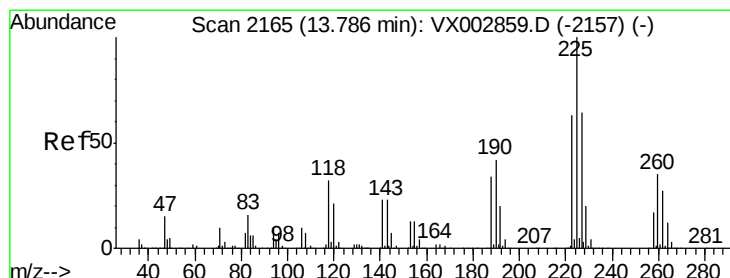
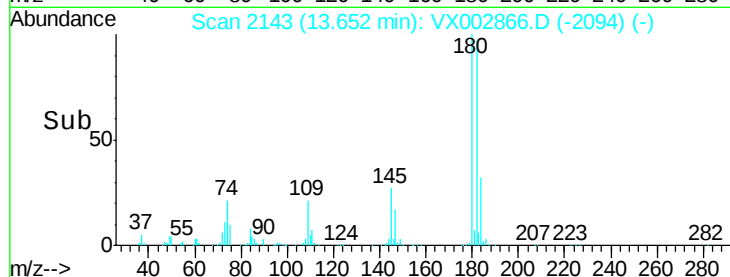
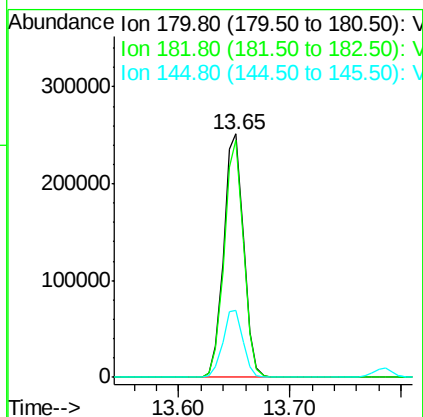
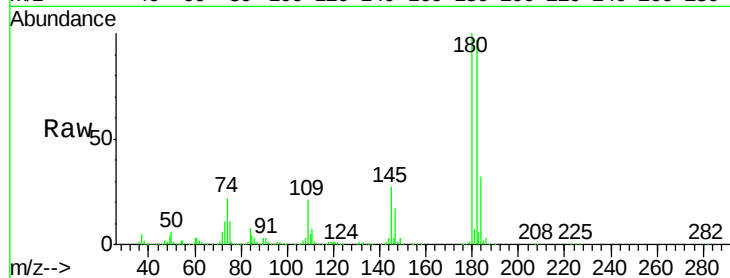




#93
 1,2,4-Trichlorobenzene
 Concen: 51.85 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

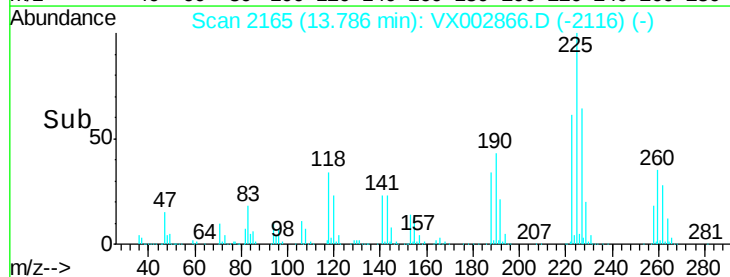
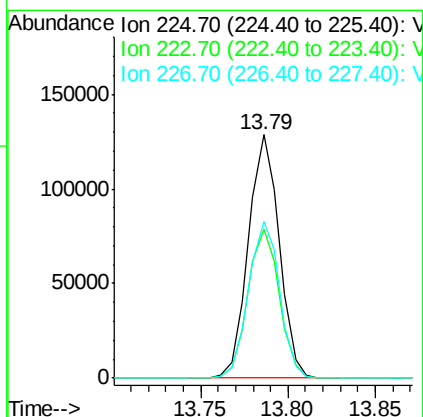
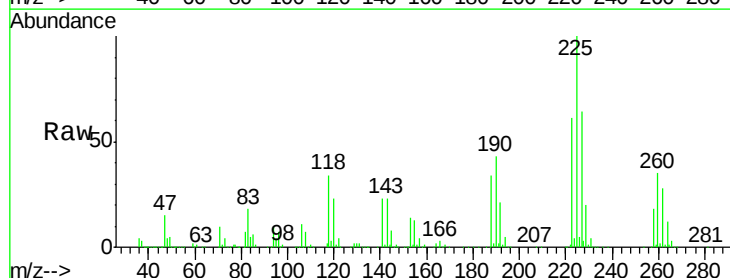
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

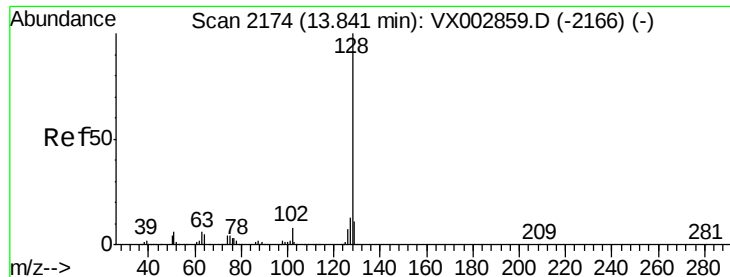
Tot Ion:180 Resp: 309241
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 52.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion:225 Resp: 157217
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 65.0 32.4 97.2





#95

Naphthalene

Concen: 52.76 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

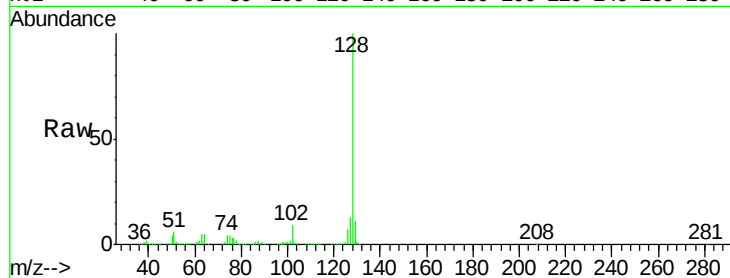
Tot Ion:128 Resp: 838063

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

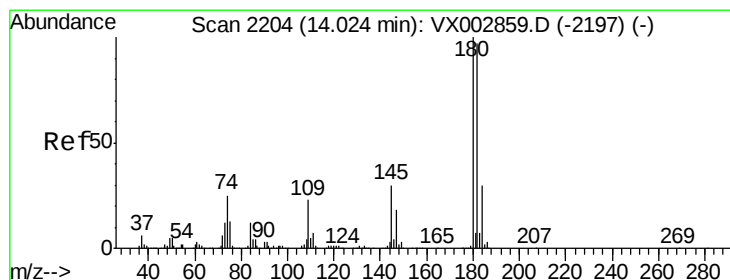
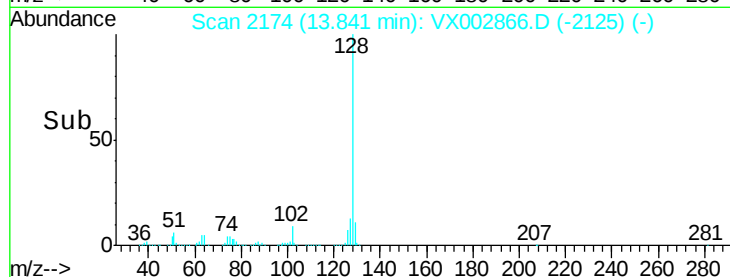
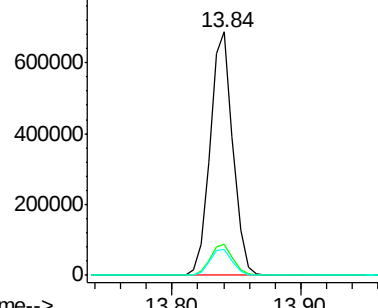
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.41 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

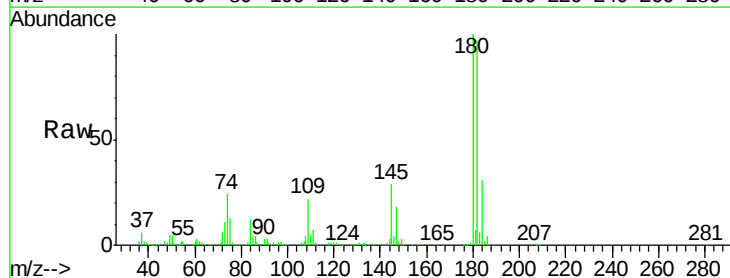
Tgt Ion:180 Resp: 306219

Ion Ratio Lower Upper

180 100

182 96.8 48.0 144.0

145 29.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

