

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
 Data File : VW000963.D
 Acq On : 24 Jan 2018 22:21
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.0G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 25 04:45:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	329712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117247	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
35) Dibromofluoromethane	7.88	113	104608	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.33	98	430443	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.63	95	153855	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	133958	51.79	ug/l	98
3) Chloromethane	2.22	50	111475	48.77	ug/l	99
4) Vinyl Chloride	2.36	62	103731	48.79	ug/l	99
5) Bromomethane	2.75	94	70636	50.66	ug/l	97
6) Chloroethane	2.90	64	56338	47.69	ug/l	97
7) Trichlorofluoromethane	3.25	101	200690	51.26	ug/l	98
8) Diethyl Ether	3.68	74	46492	47.41	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	139872	55.31	ug/l	100
10) Methyl Iodide	4.26	142	119092	44.96	ug/l	98
11) Tert butyl alcohol	5.19	59	69058	247.69	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	119052	54.77	ug/l	99
13) Acrolein	3.89	56	64831	238.16	ug/l	98
14) Allyl chloride	4.66	41	168965	49.89	ug/l	100
15) Acrylonitrile	5.37	53	198733	259.46	ug/l	99
16) Acetone	4.13	43	225649	216.76	ug/l	97
17) Carbon Disulfide	4.37	76	374344	52.14	ug/l	100
18) Methyl Acetate	4.68	43	91052	48.15	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	299273	53.60	ug/l	98
20) Methylene Chloride	4.91	84	119597	51.75	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	127636	50.54	ug/l	96
22) Diisopropyl ether	6.32	45	325123	53.62	ug/l	99
23) Vinyl Acetate	6.26	43	940524	249.62	ug/l	98
24) 1,1-Dichloroethane	6.22	63	207320	51.08	ug/l	98
25) 2-Butanone	7.18	43	288174	253.36	ug/l	98
26) 2,2-Dichloropropane	7.17	77	200914	48.90	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	134084	51.37	ug/l	98
28) Bromochloromethane	7.51	49	81710	47.93	ug/l	99
29) Tetrahydrofuran	7.54	42	167601	267.81	ug/l	99
30) Chloroform	7.68	83	223193	50.98	ug/l	100
31) Cyclohexane	7.95	56	207777	49.59	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	217657	51.45	ug/l	99
36) 1,1-Dichloropropene	8.08	75	185051	53.22	ug/l	99
37) Ethyl Acetate	7.26	43	101633	51.79	ug/l	98
38) Carbon Tetrachloride	8.07	117	202761	52.86	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228057	54.46	ug/l	96
40) Benzene	8.32	78	496866	52.56	ug/l	99
41) Methacrylonitrile	7.49	41	61249	55.60	ug/l	96
42) 1,2-Dichloroethane	8.40	62	152549	52.37	ug/l	100
43) Isopropyl Acetate	8.43	43	176884	53.17	ug/l	100
44) Trichloroethene	9.09	130	147060	52.35	ug/l	96
45) 1,2-Dichloropropane	9.37	63	115545	52.39	ug/l	99
46) Dibromomethane	9.46	93	73783	52.36	ug/l	99
47) Bromodichloromethane	9.65	83	164670	52.84	ug/l	97
48) Methyl methacrylate	9.45	41	86986	54.44	ug/l	98
49) 1,4-Dioxane	9.45	88	35339	1147.36	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	520001	271.63	ug/l	99
52) Toluene	10.40	92	318408	53.31	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	165075	52.28	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	179792	51.76	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	104086	52.90	ug/l	98
56) Ethyl methacrylate	10.66	69	134225	50.78	ug/l	99
57) 1,3-Dichloropropane	10.94	76	171135	53.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	377975	251.88	ug/l	100
59) 2-Hexanone	10.98	43	401363	239.16	ug/l	99
60) Dibromochloromethane	11.14	129	126936	53.41	ug/l	100
61) 1,2-Dibromoethane	11.24	107	107968	52.67	ug/l	99
64) Tetrachloroethene	10.87	164	155966	57.00	ug/l	98
65) Chlorobenzene	11.67	112	357530	52.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	130972	53.92	ug/l	99
67) Ethyl Benzene	11.74	91	621751	54.41	ug/l	99
68) m/p-Xylenes	11.85	106	484942	109.19	ug/l	100
69) o-Xylene	12.18	106	221491	54.38	ug/l	98
70) Styrene	12.20	104	368740	55.54	ug/l	100
71) Bromoform	12.36	173	88797	53.88	ug/l	99
73) Isopropylbenzene	12.48	105	629041	55.02	ug/l	100
74) N-amyl acetate	12.29	43	156148	56.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	134945	55.22	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	181707	88.75	ug/l #	100
77) Bromobenzene	12.76	156	155824	53.57	ug/l	100
78) n-propylbenzene	12.82	91	747936	54.22	ug/l	99
79) 2-Chlorotoluene	12.91	91	416984	53.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	531015	54.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36996	45.75	ug/l	98
82) 4-Chlorotoluene	13.01	91	441264	53.38	ug/l	99
83) tert-Butylbenzene	13.23	119	468302	54.95	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	539137	54.81	ug/l	99
85) sec-Butylbenzene	13.40	105	663705	53.97	ug/l	100
86) p-Isopropyltoluene	13.52	119	597028	54.73	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	304162	52.72	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	298672	51.77	ug/l	99
89) n-Butylbenzene	13.84	91	552692	53.94	ug/l	100
90) Hexachloroethane	14.12	117	106993	52.77	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	276730	53.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30091	55.80	ug/l	97

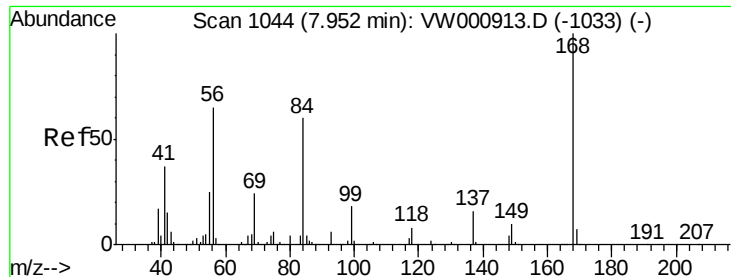
Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	206470	53.31	ug/l	99
94) Hexachlorobutadiene	15.26	225	133036	54.18	ug/l	99
95) Naphthalene	15.39	128	480651	58.79	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	195708	54.93	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

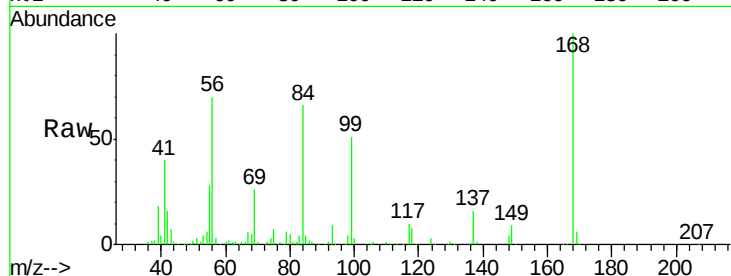
VSTDCCC050

Tgt Ion:168 Resp: 268237

Ion Ratio Lower Upper

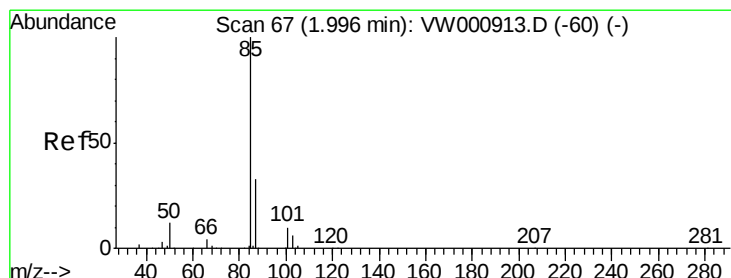
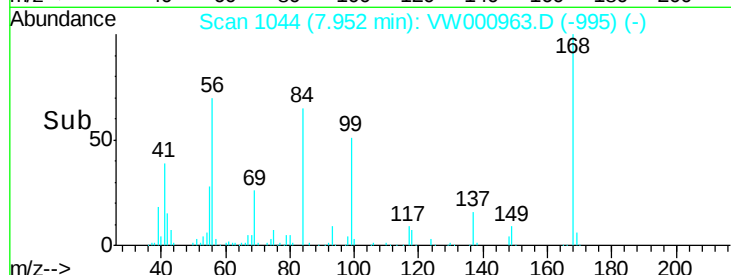
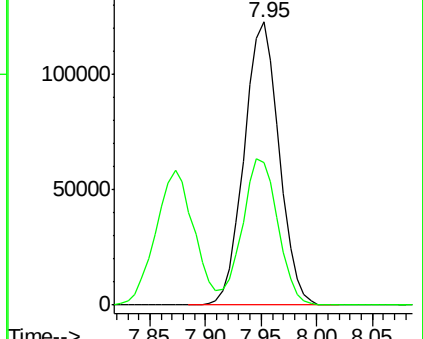
168 100

99 50.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.79 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW000963.D

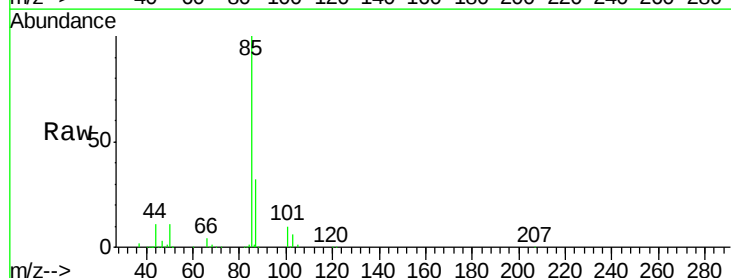
Acq: 24 Jan 2018 22:21

Tgt Ion: 85 Resp: 133958

Ion Ratio Lower Upper

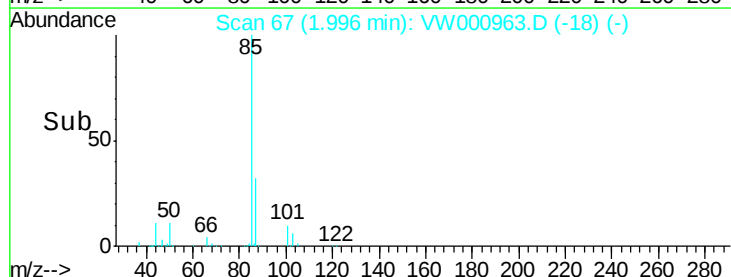
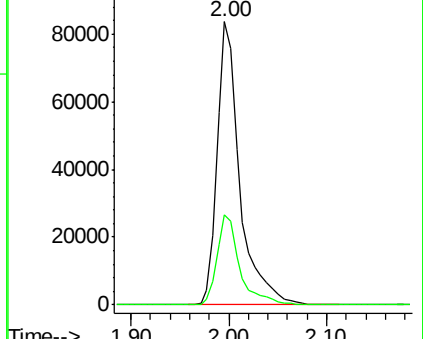
85 100

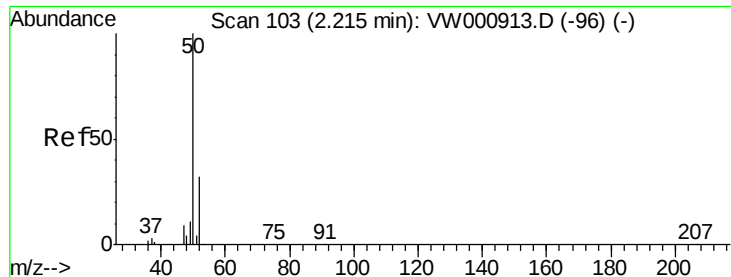
87 31.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.77 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

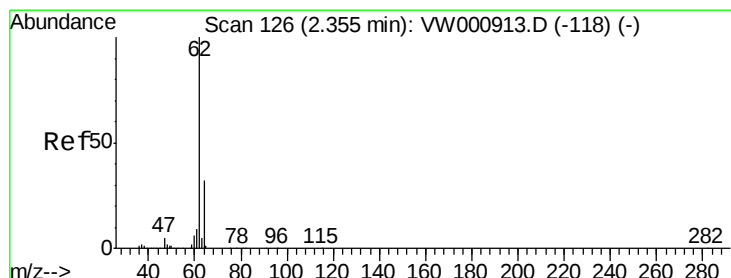
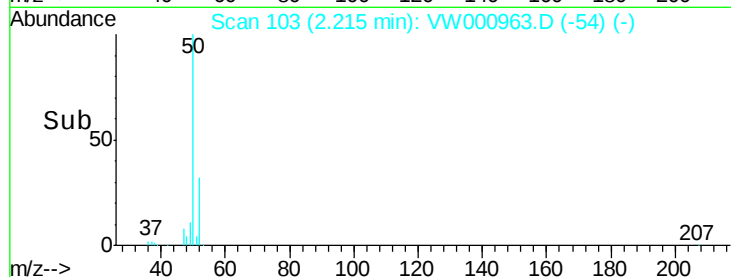
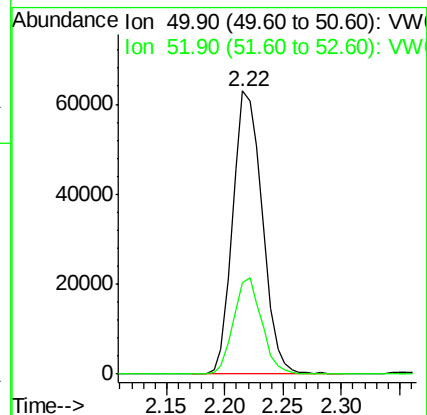
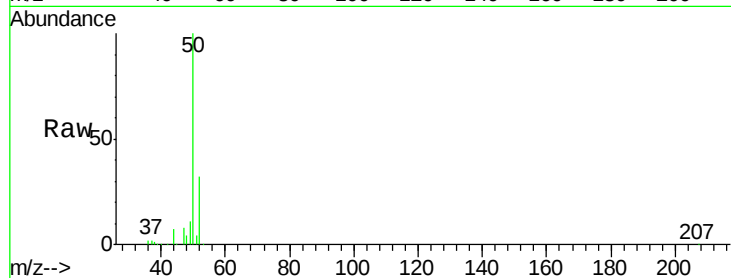
VSTDCCC050

Tgt Ion: 50 Resp: 111475

Ion Ratio Lower Upper

50 100

52 32.4 25.5 38.3



#4

Vinyl Chloride

Concen: 48.79 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW000963.D

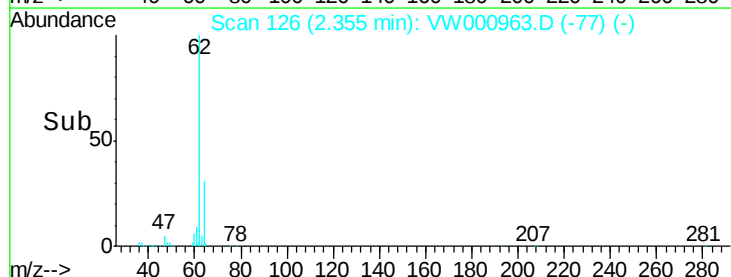
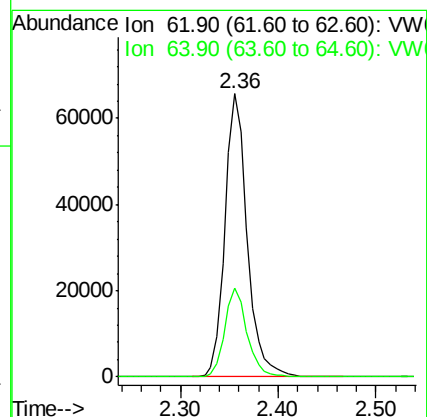
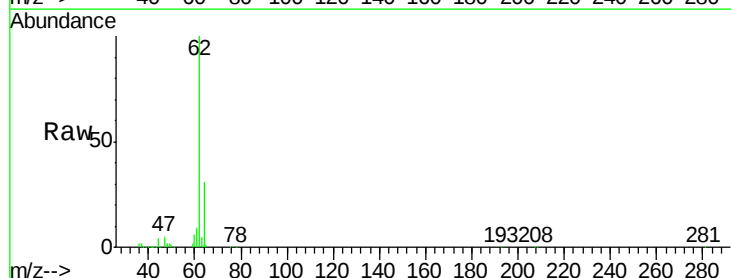
Acq: 24 Jan 2018 22:21

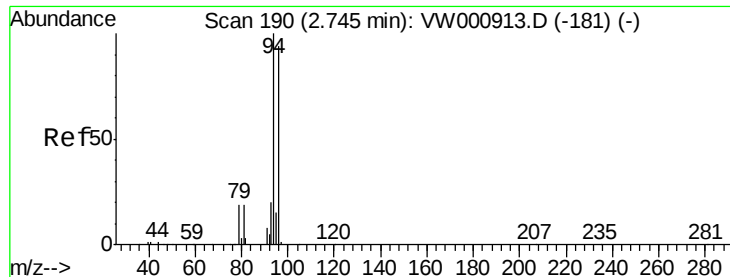
Tgt Ion: 62 Resp: 103731

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 50.66 ug/l

RT: 2.75 min Scan# 190

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

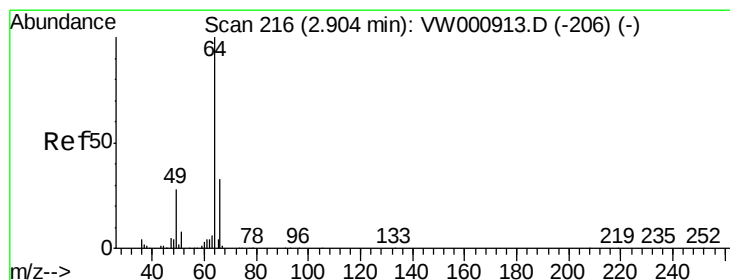
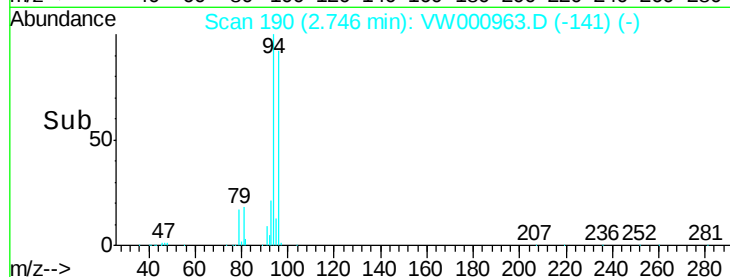
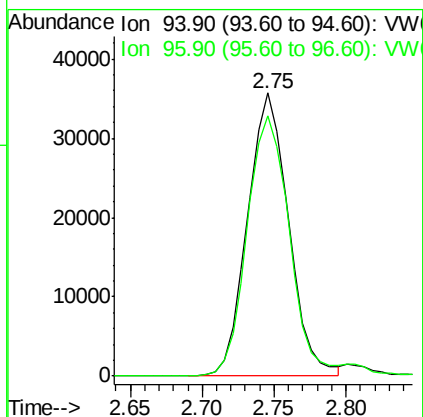
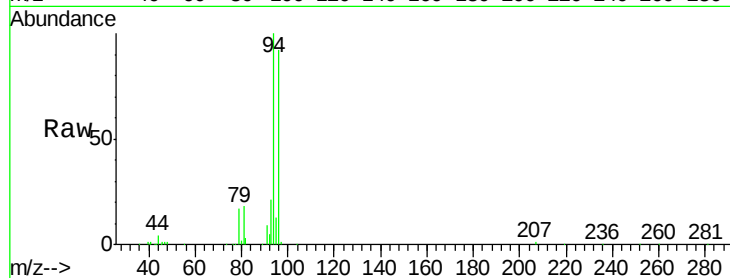
VSTDCCC050

Tgt Ion: 94 Resp: 70636

Ion Ratio Lower Upper

94 100

96 91.9 75.5 113.3



#6

Chloroethane

Concen: 47.69 ug/l

RT: 2.90 min Scan# 216

Delta R.T. 0.00 min

Lab File: VW000963.D

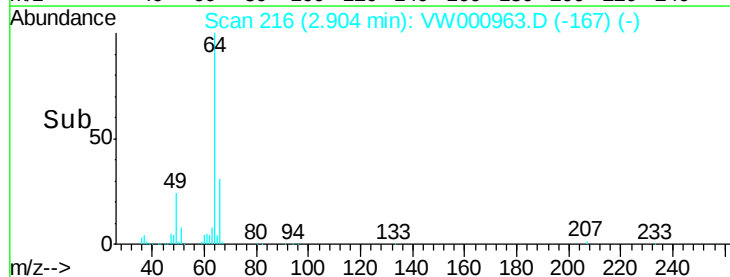
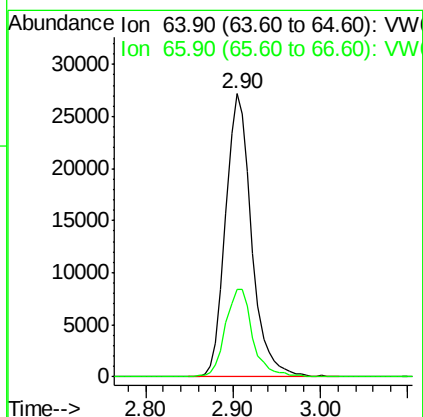
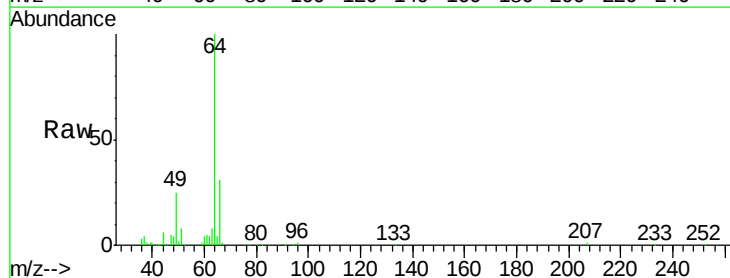
Acq: 24 Jan 2018 22:21

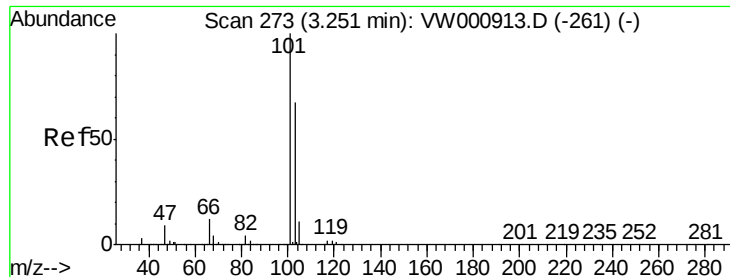
Tgt Ion: 64 Resp: 56338

Ion Ratio Lower Upper

64 100

66 31.1 26.1 39.1



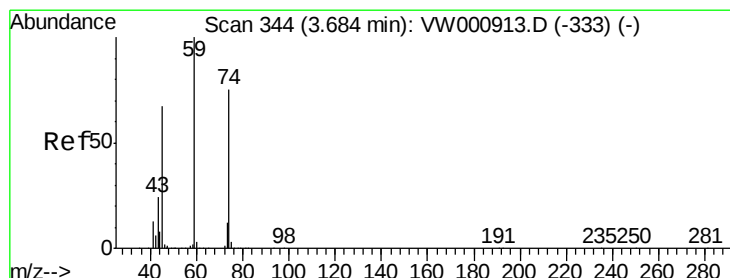
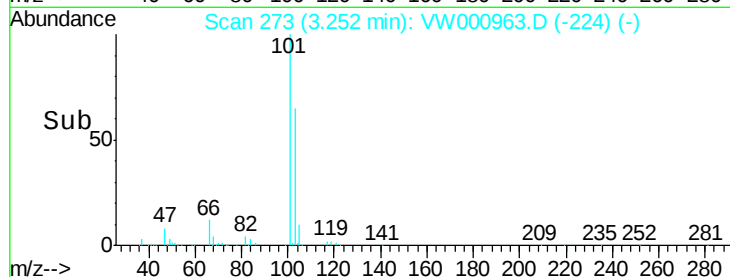
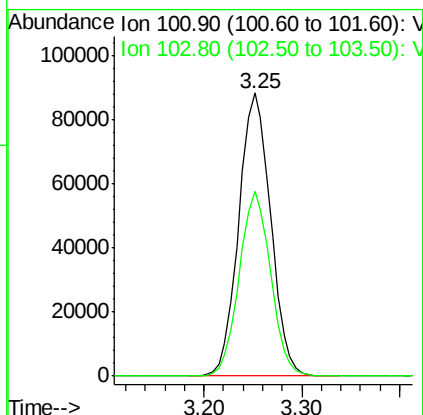
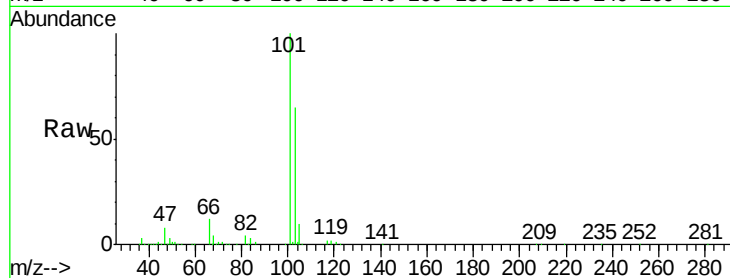


#7

Trichlorofluoromethane
 Concen: 51.26 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Instrument :
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 ClientSampleId :
 VSTDCCC050

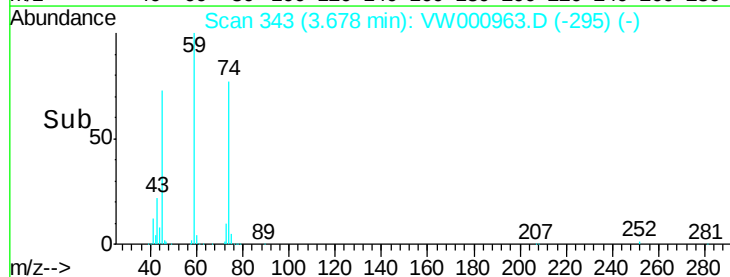
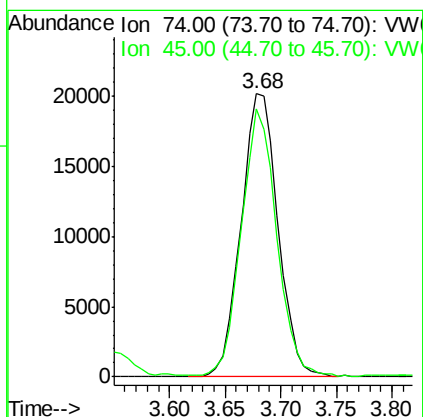
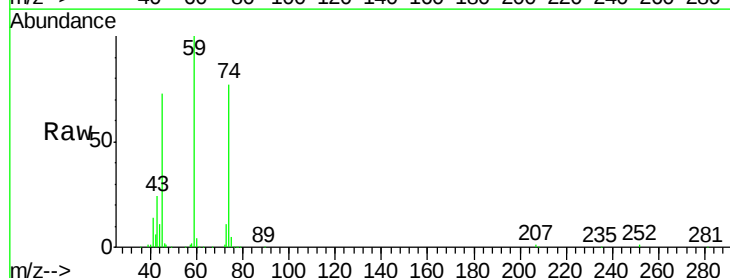
Tgt Ion: 101 Resp: 200690
 Ion Ratio Lower Upper
 101 100
 103 65.2 53.4 80.0

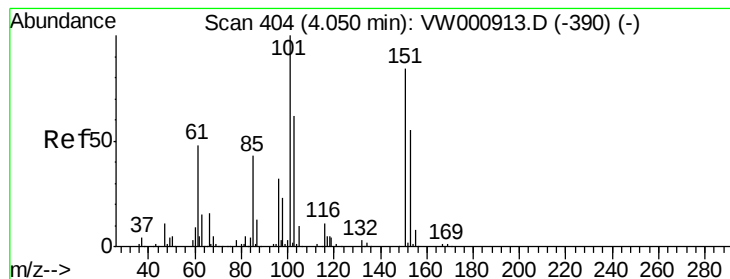


#8

Diethyl Ether
 Concen: 47.41 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 74 Resp: 46492
 Ion Ratio Lower Upper
 74 100
 45 91.4 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.31 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

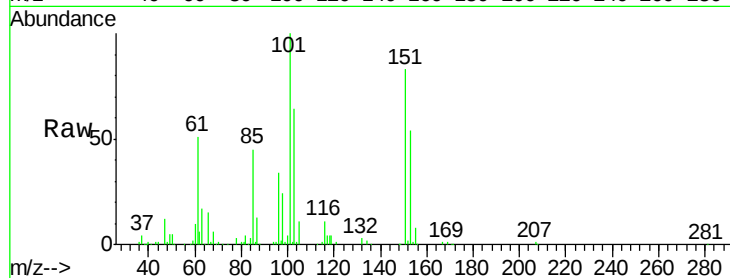
Tgt Ion:101 Resp: 139872

Ion Ratio Lower Upper

101 100

85 43.9 35.3 52.9

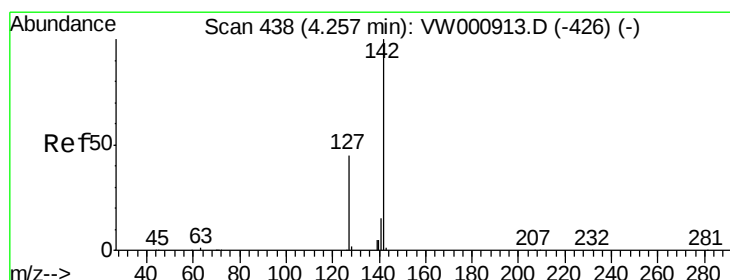
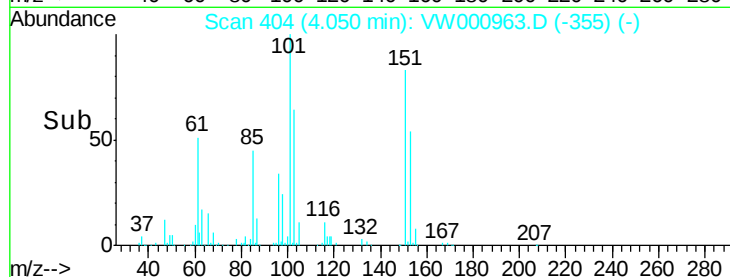
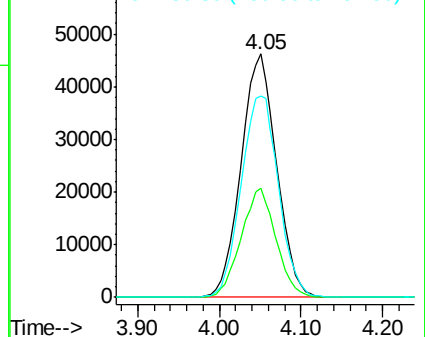
151 87.1 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.96 ug/l

RT: 4.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

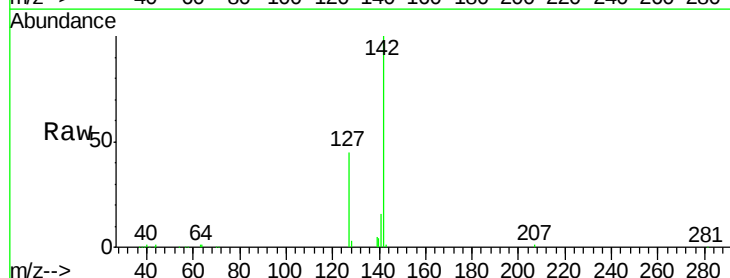
Tgt Ion:142 Resp: 119092

Ion Ratio Lower Upper

142 100

127 45.8 35.5 53.3

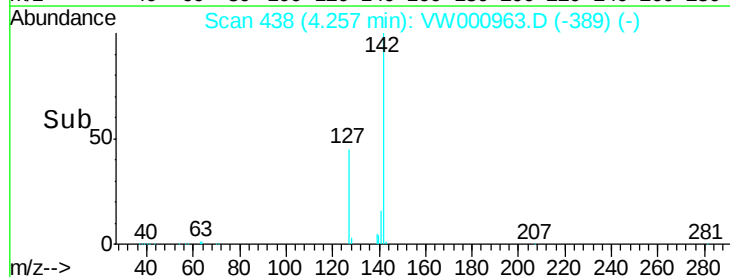
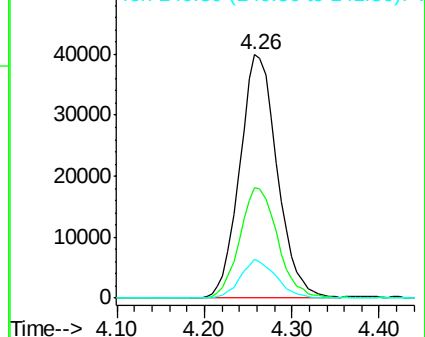
141 15.1 11.7 17.5

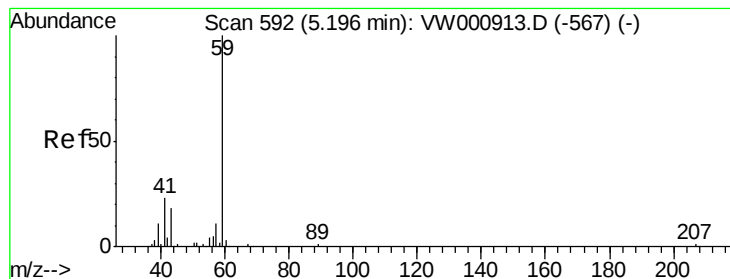


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



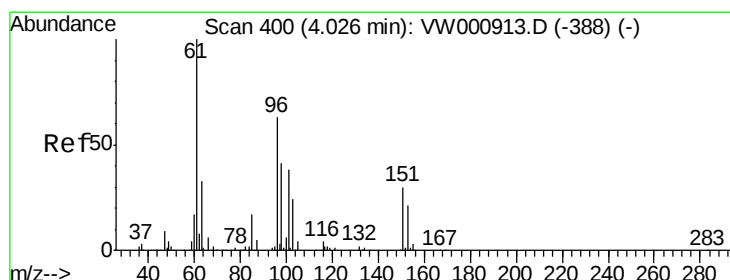
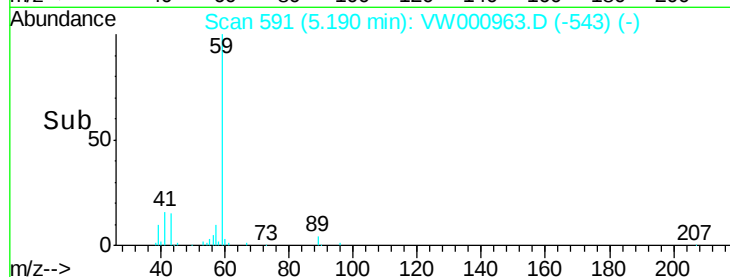
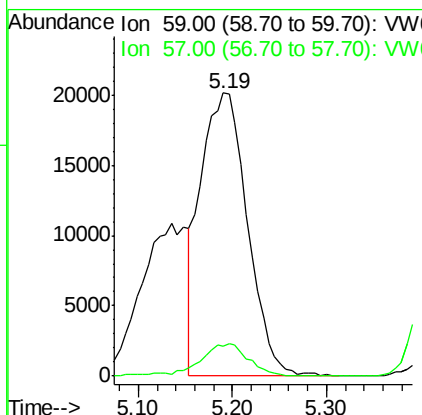
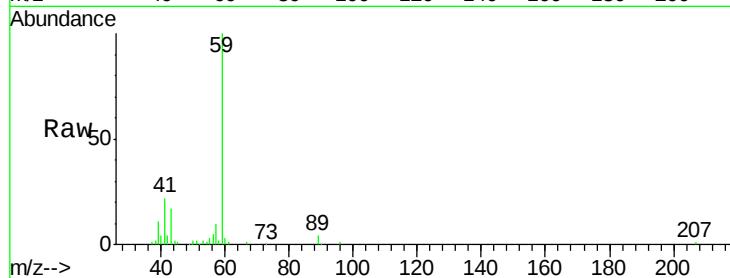


#11

Tert butyl alcohol
 Concen: 247.69 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

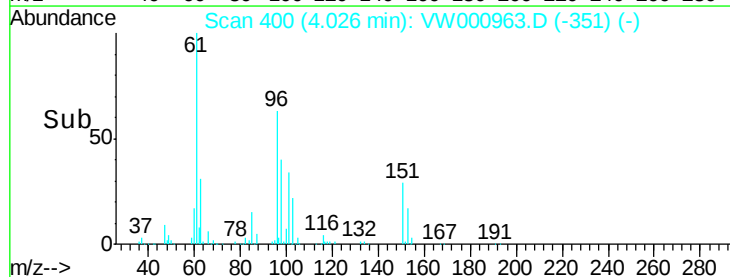
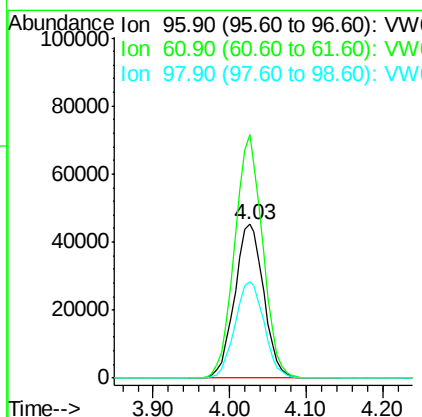
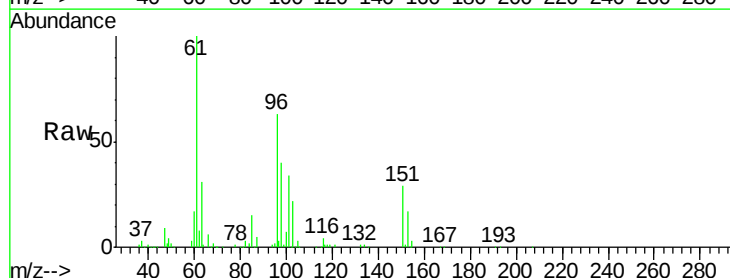
Tgt Ion: 59 Resp: 69058
 Ion Ratio Lower Upper
 59 100
 57 12.0 7.0 10.6#

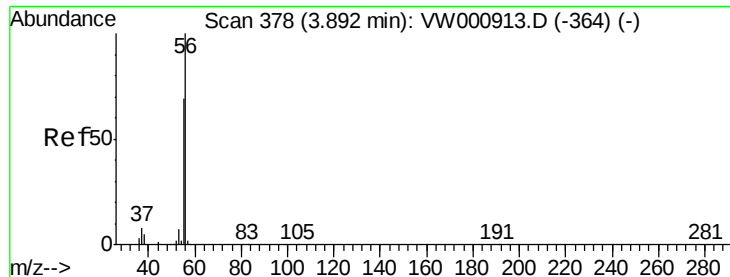


#12

1,1-Dichloroethene
 Concen: 54.77 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 96 Resp: 119052
 Ion Ratio Lower Upper
 96 100
 61 158.3 126.7 190.1
 98 62.9 52.1 78.1





#13

Acrolein

Concen: 238.16 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

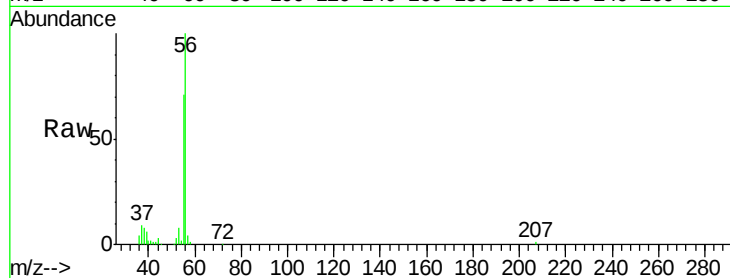
VSTDCCC050

Tgt Ion: 56 Resp: 64831

Ion Ratio Lower Upper

56 100

55 70.9 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

25000

20000

15000

10000

5000

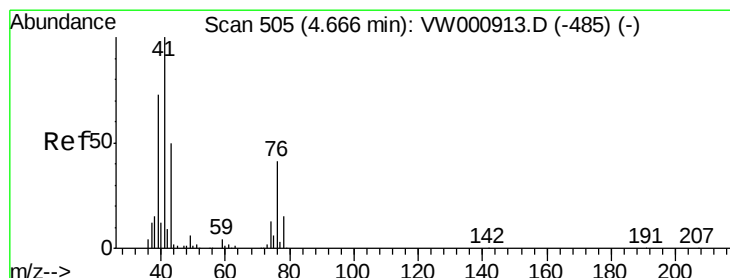
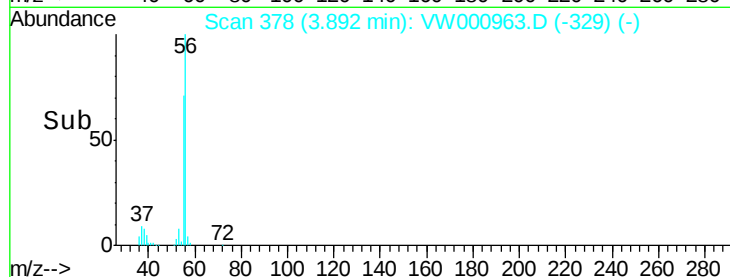
0

Time-->

3.80

3.90

4.00



#14

Allyl chloride

Concen: 49.89 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

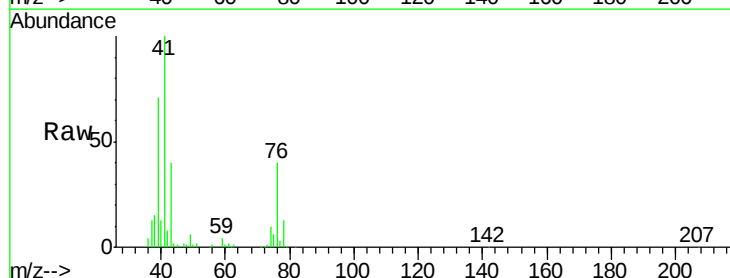
Tgt Ion: 41 Resp: 168965

Ion Ratio Lower Upper

41 100

39 69.1 55.3 82.9

76 37.5 29.9 44.9



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

60000

40000

20000

0

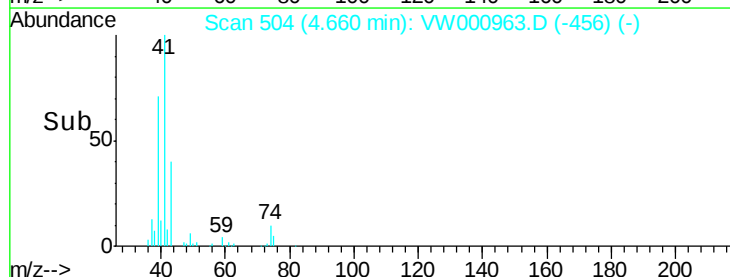
Time-->

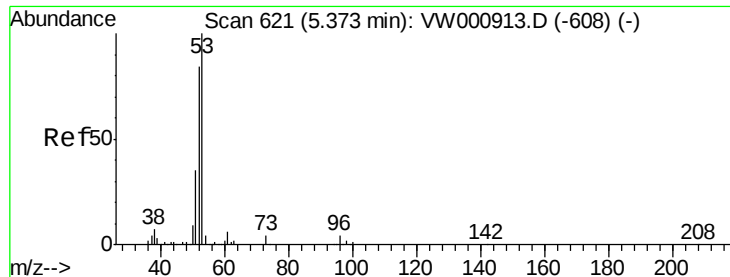
4.50

4.60

4.70

4.80

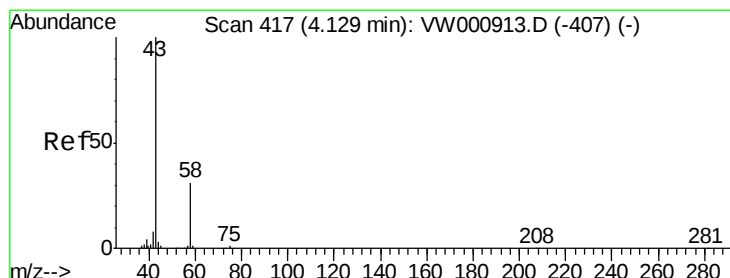
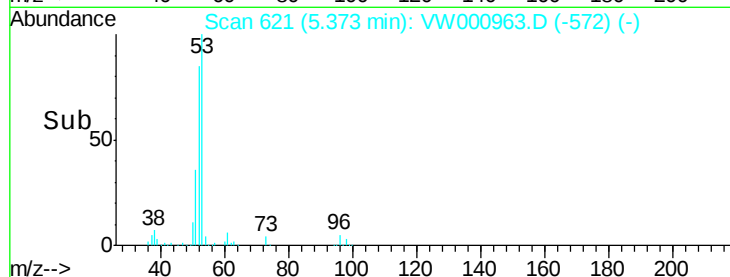
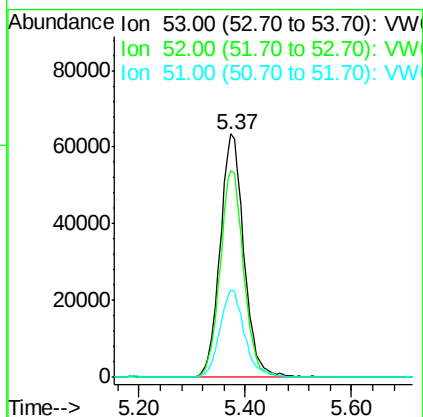
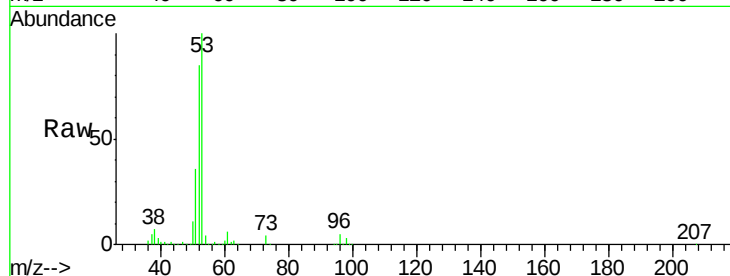




#15
 Acrylonitrile
 Concen: 259.46 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

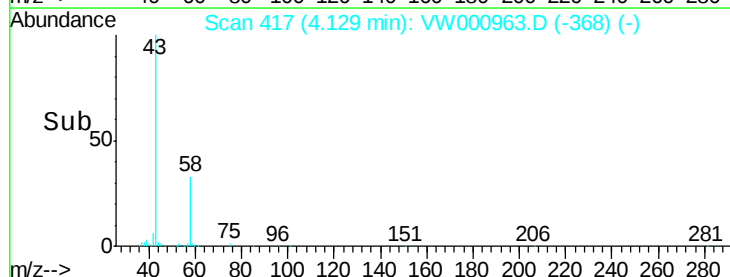
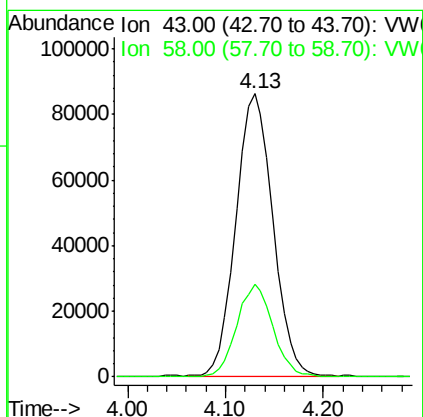
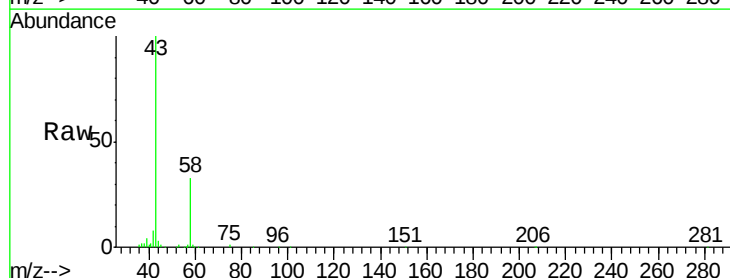
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

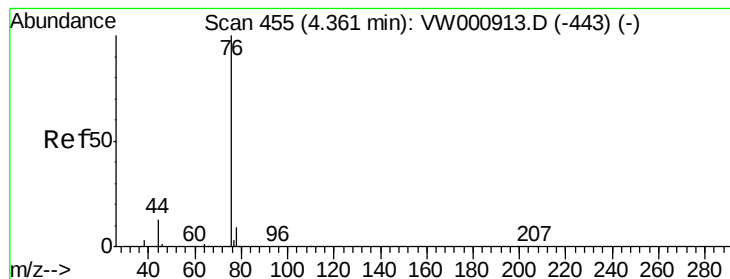
Tgt Ion: 53 Resp: 198733
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.6 99.8
 51 37.3 29.4 44.0



#16
 Acetone
 Concen: 216.76 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 43 Resp: 225649
 Ion Ratio Lower Upper
 43 100
 58 32.8 24.9 37.3





#17

Carbon Disulfide

Concen: 52.14 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

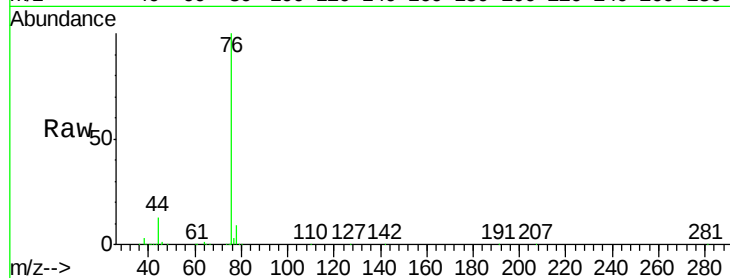
VSTDCCC050

Tgt Ion: 76 Resp: 374344

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

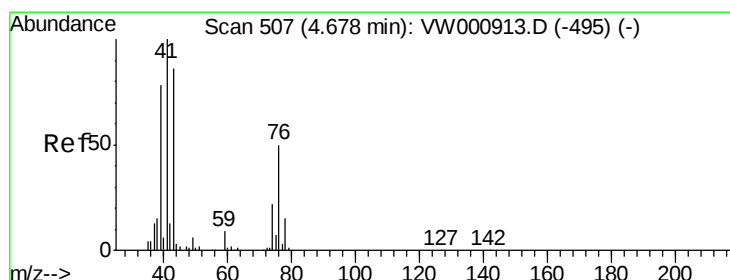
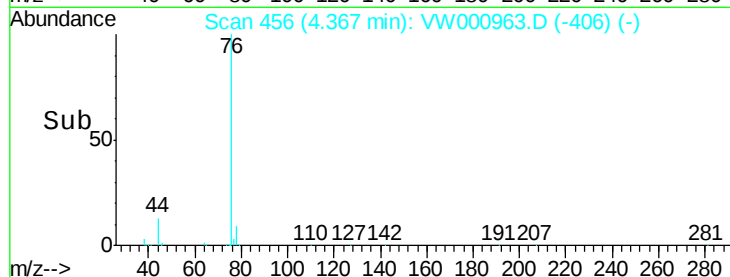
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 48.15 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW000963.D

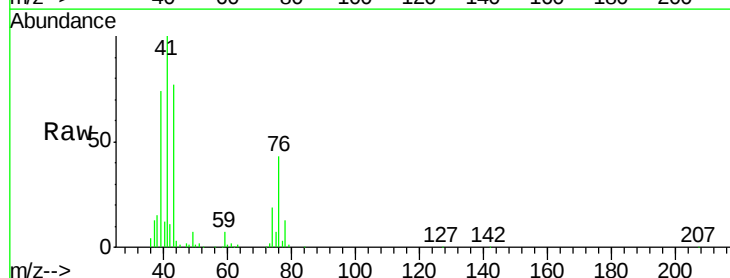
Acq: 24 Jan 2018 22:21

Tgt Ion: 43 Resp: 91052

Ion Ratio Lower Upper

43 100

74 25.3 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

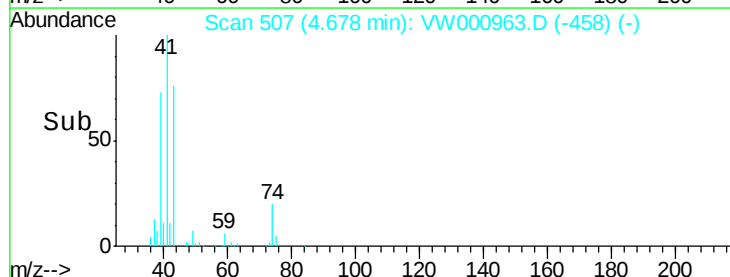
30000

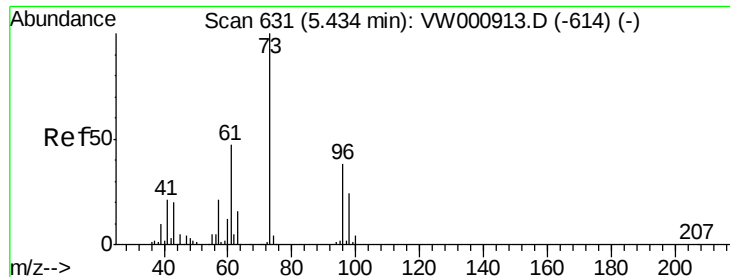
20000

10000

0

Time--> 4.60 4.70 4.80

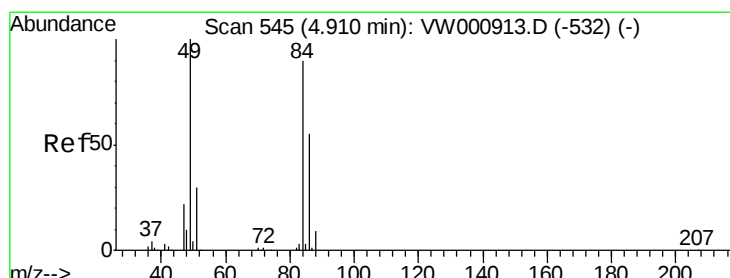
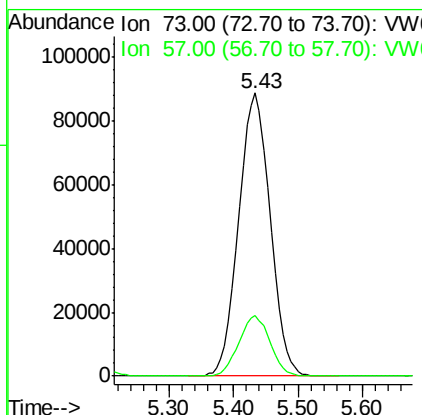
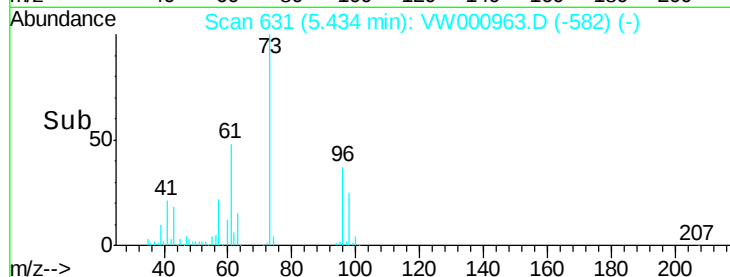
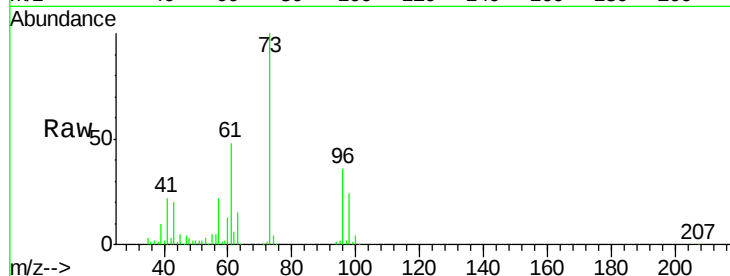




#19
Methyl tert-butyl Ether
Concen: 53.60 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

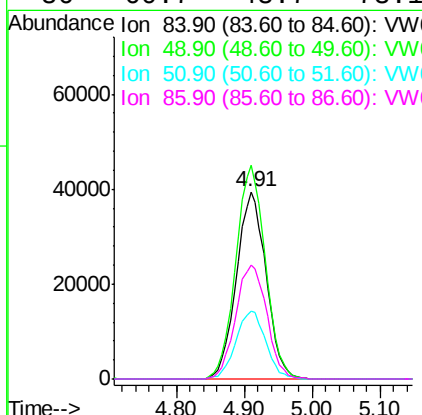
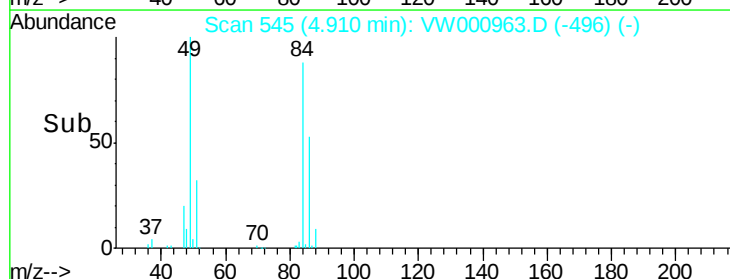
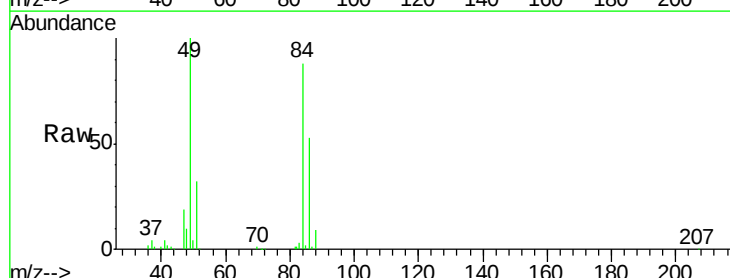
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

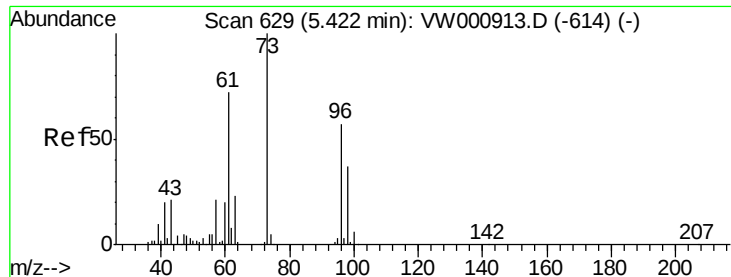
Tgt Ion: 73 Resp: 299273
Ion Ratio Lower Upper
73 100
57 21.6 16.7 25.1



#20
Methylene Chloride
Concen: 51.75 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion: 84 Resp: 119597
Ion Ratio Lower Upper
84 100
49 113.9 89.0 133.4
51 36.0 26.7 40.1
86 60.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 50.54 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

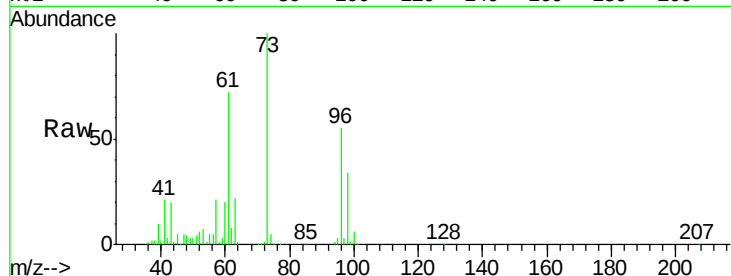
Tgt Ion: 96 Resp: 127636

Ion Ratio Lower Upper

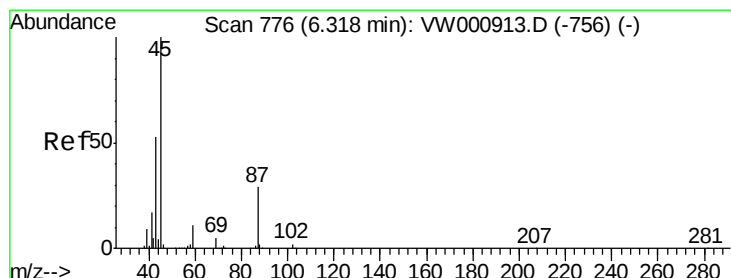
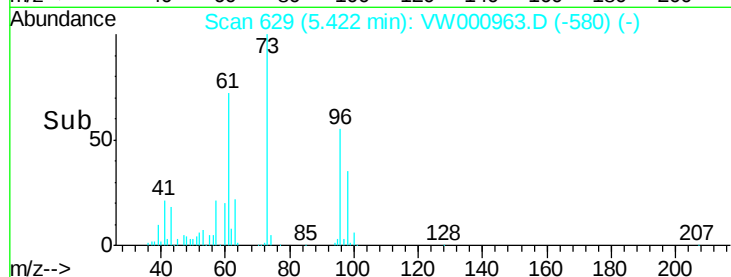
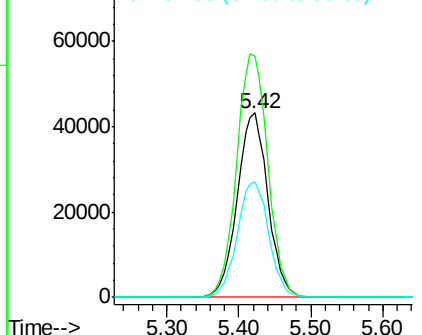
96 100

61 130.8 101.1 151.7

98 62.9 52.2 78.2



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



#22

Diisopropyl ether

Concen: 53.62 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Tgt Ion: 45 Resp: 325123

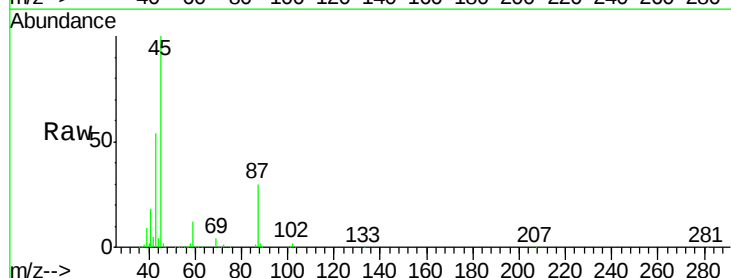
Ion Ratio Lower Upper

45 100

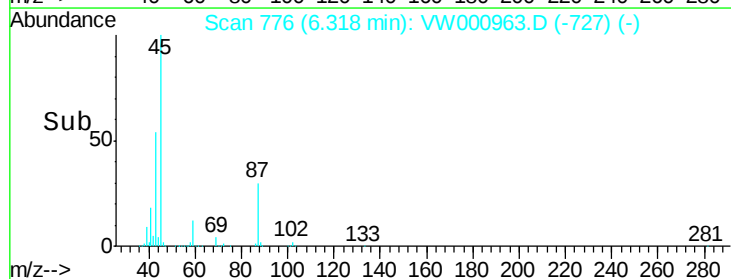
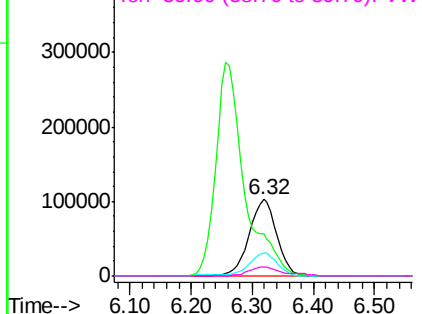
43 54.0 42.7 64.1

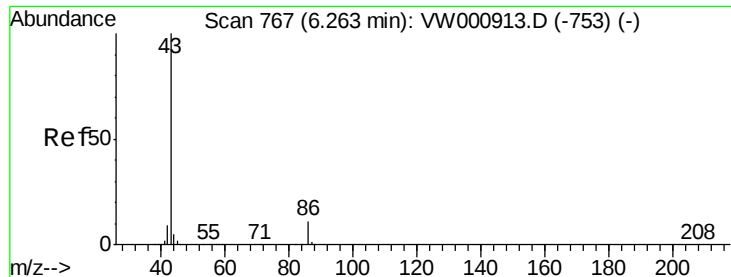
87 30.1 23.8 35.8

59 12.2 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 249.62 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

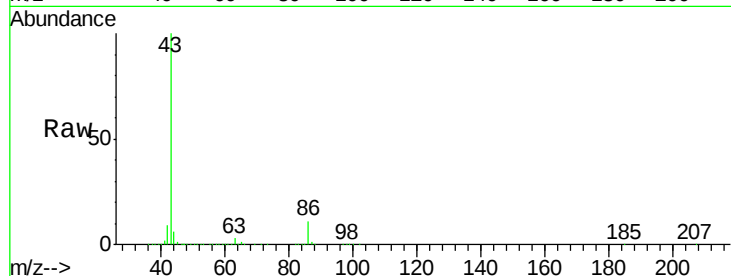
VSTDCCC050

Tgt Ion: 43 Resp: 940524

Ion Ratio Lower Upper

43 100

86 10.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

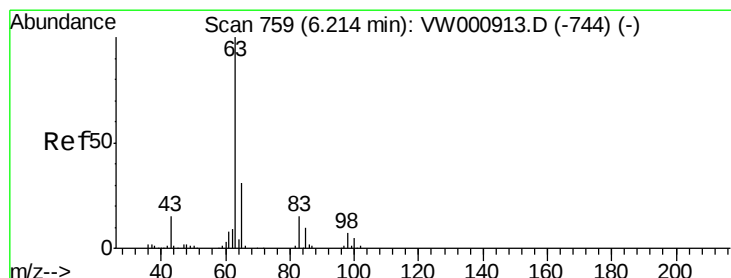
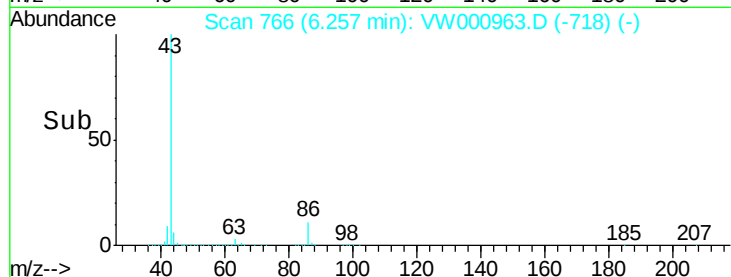
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.08 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

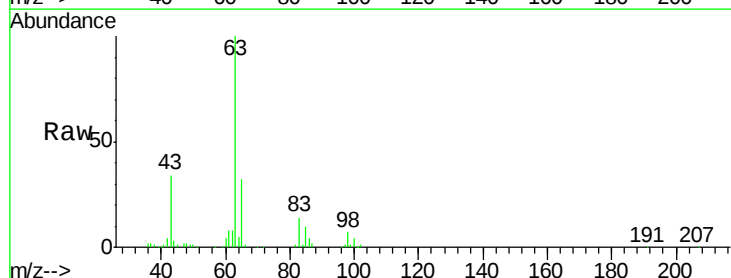
Tgt Ion: 63 Resp: 207320

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

80000

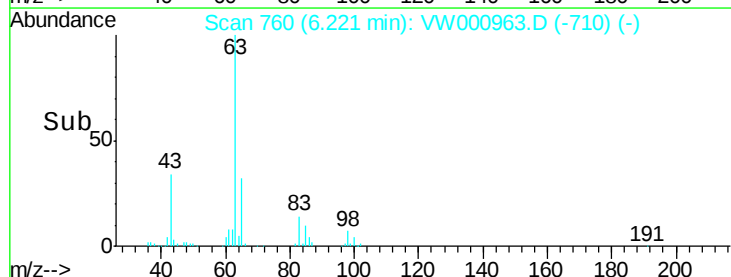
60000

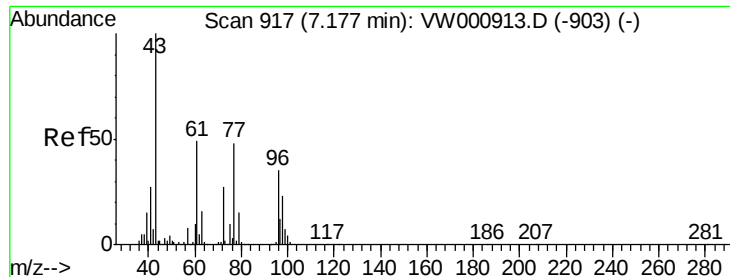
40000

20000

0

Time-->





#25

2-Butanone

Concen: 253.36 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

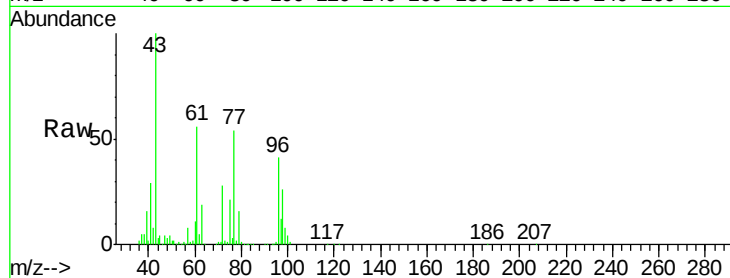
VSTDCCC050

Tgt Ion: 43 Resp: 288174

Ion Ratio Lower Upper

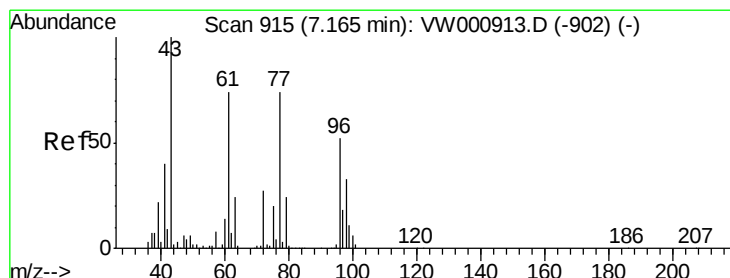
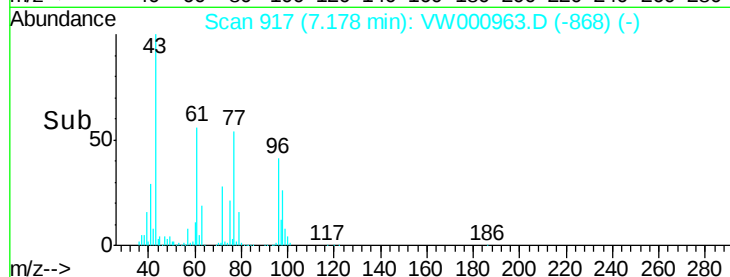
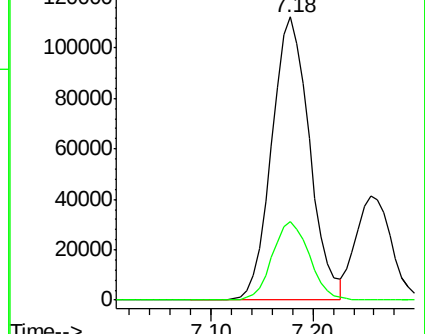
43 100

72 27.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 48.90 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW000963.D

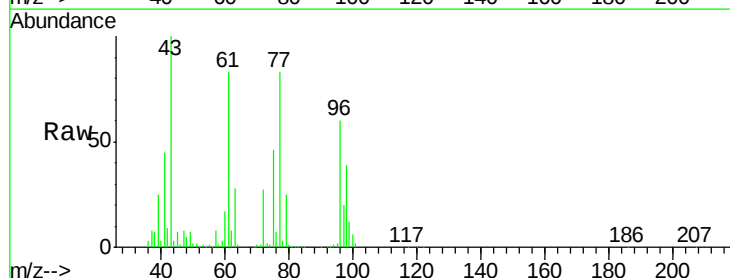
Acq: 24 Jan 2018 22:21

Tgt Ion: 77 Resp: 200914

Ion Ratio Lower Upper

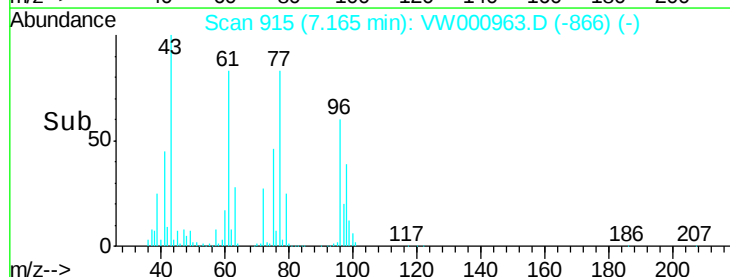
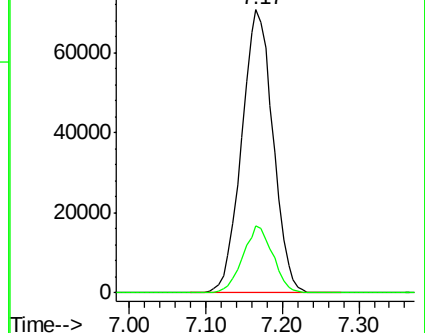
77 100

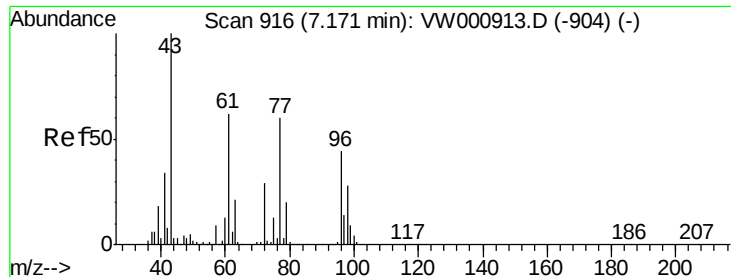
97 22.7 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

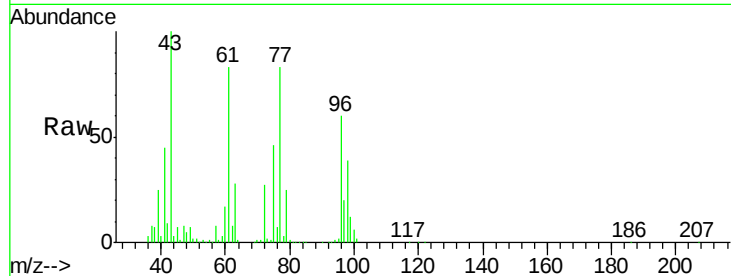




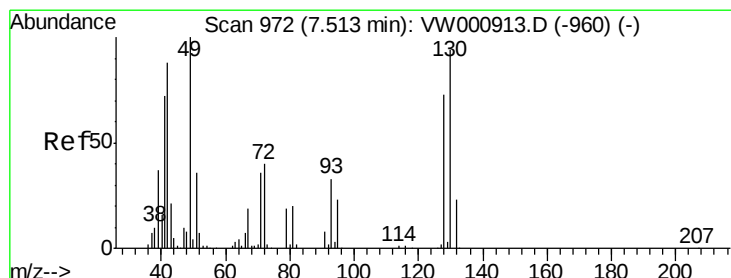
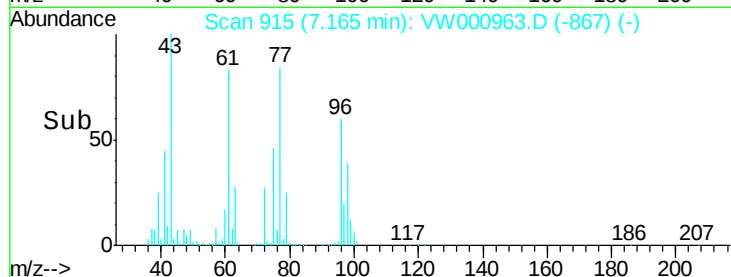
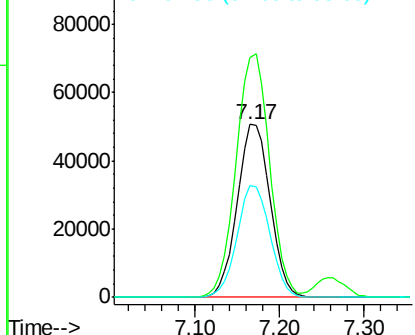
#27
 cis-1,2-Dichloroethene
 Concen: 51.37 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 134084
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 279.8
 98 64.7 0.0 127.6

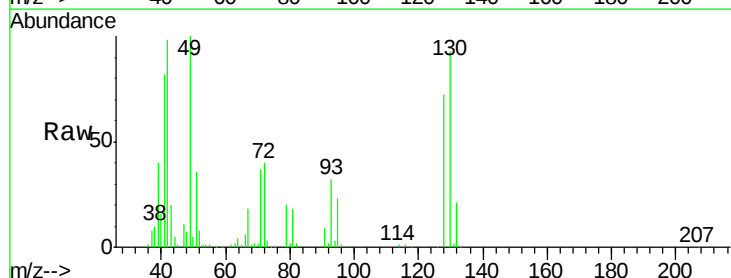


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

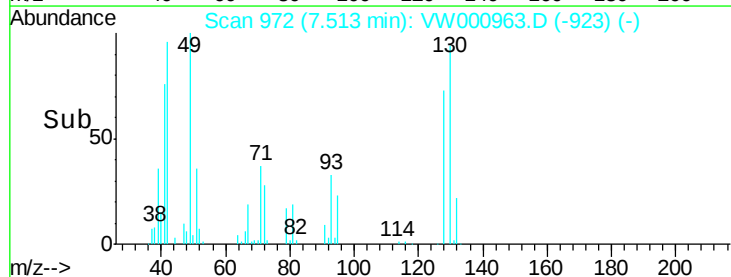
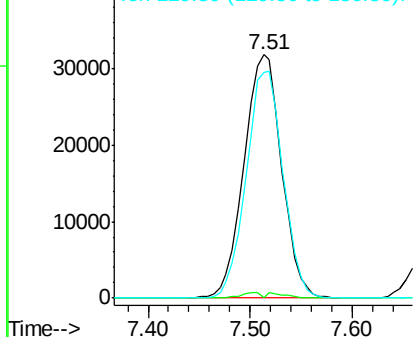


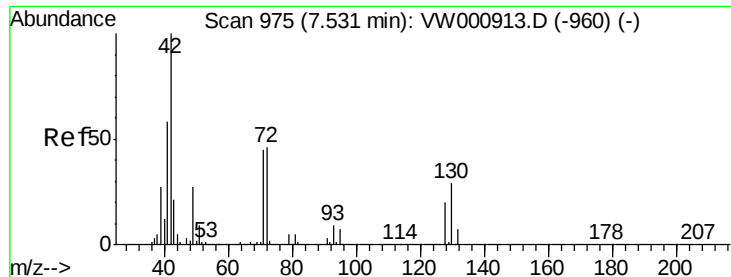
#28
 Bromochloromethane
 Concen: 47.93 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 49 Resp: 81710
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.8
 130 91.3 73.8 110.6



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

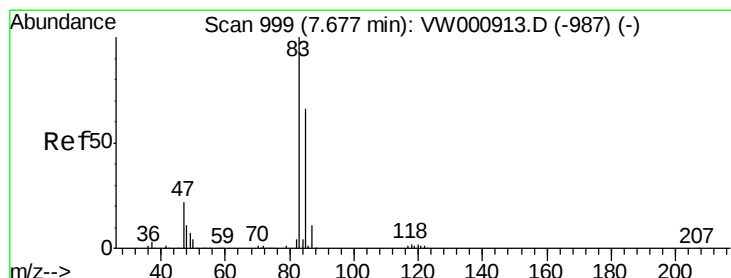
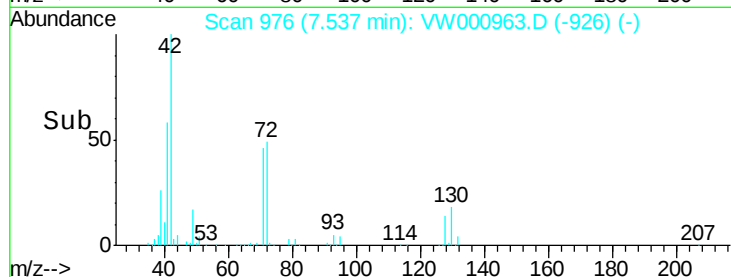
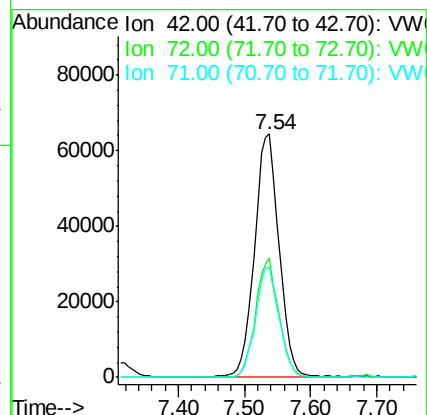
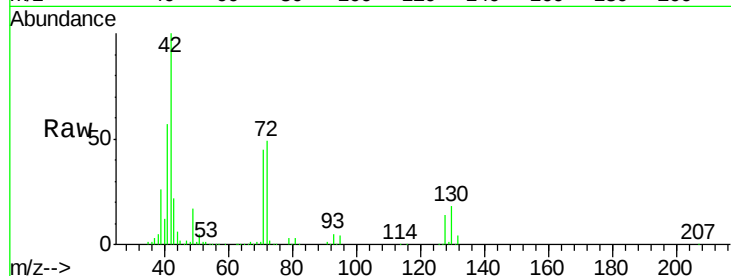




#29
Tetrahydrofuran
Concen: 267.81 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

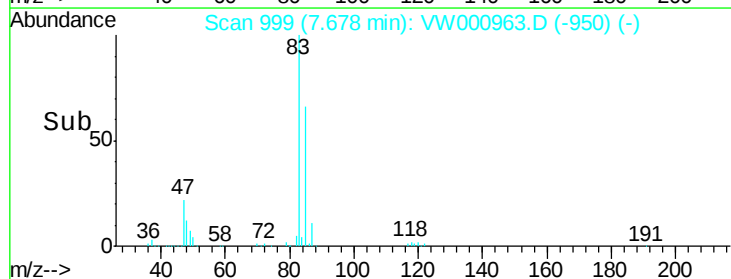
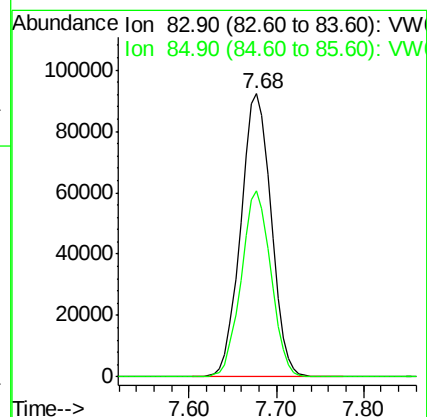
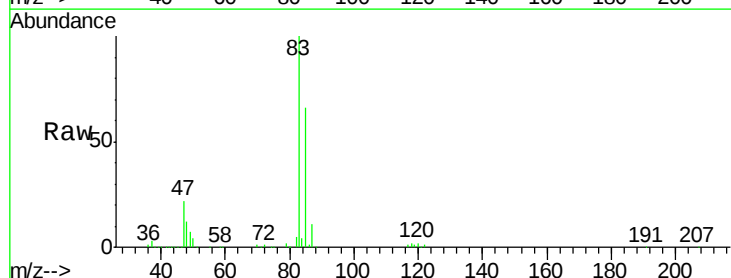
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

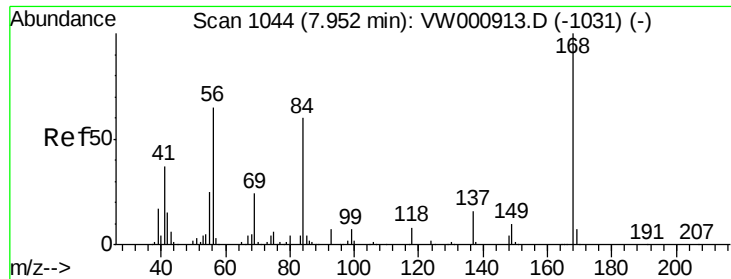
Tgt Ion: 42 Resp: 167601
Ion Ratio Lower Upper
42 100
72 45.8 37.1 55.7
71 43.2 34.9 52.3



#30
Chloroform
Concen: 50.98 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion: 83 Resp: 223193
Ion Ratio Lower Upper
83 100
85 65.7 52.5 78.7

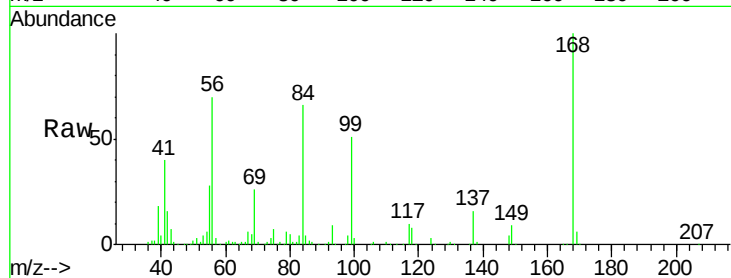




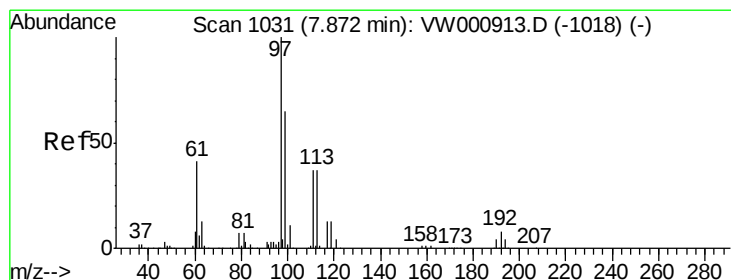
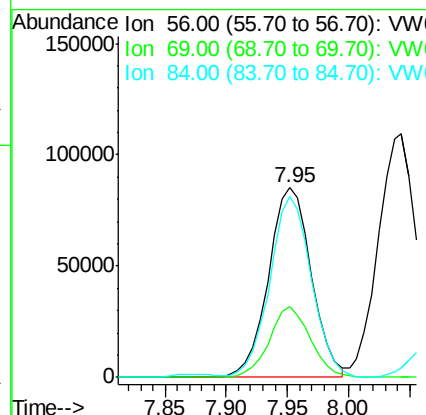
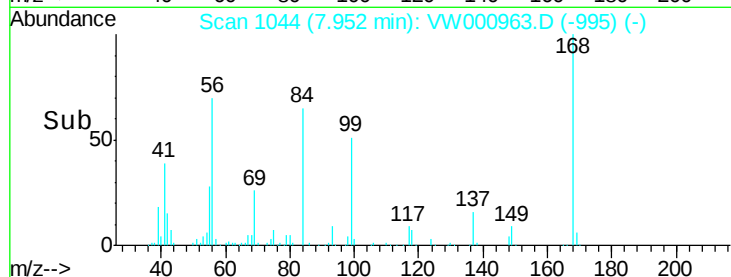
#31
Cyclohexane
Concen: 49.59 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 207777
Ion Ratio Lower Upper
56 100
69 37.1 29.2 43.8
84 93.8 73.6 110.4

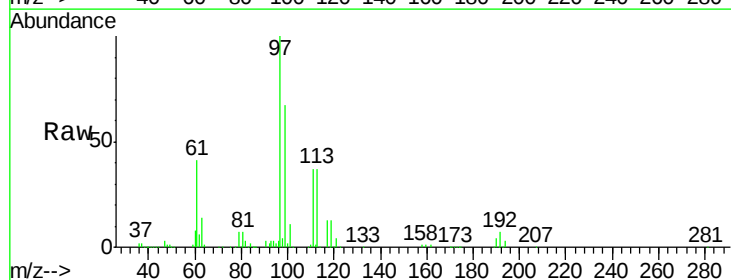


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

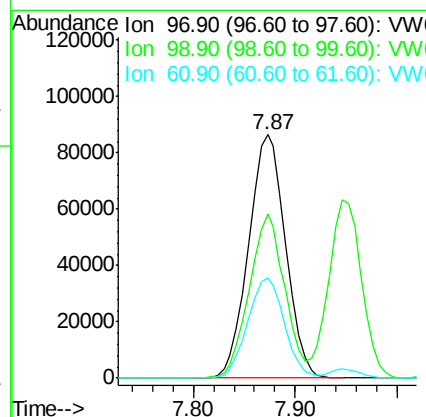
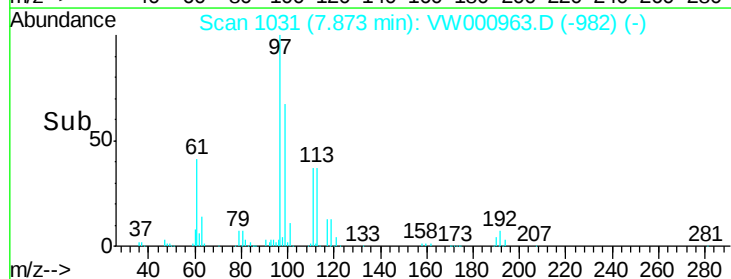


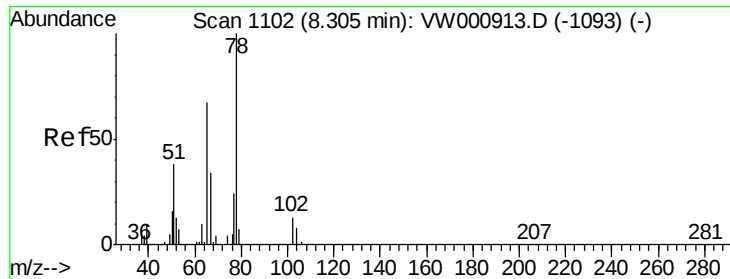
#32
1,1,1-Trichloroethane
Concen: 51.45 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion: 97 Resp: 217657
Ion Ratio Lower Upper
97 100
99 64.6 52.6 78.8
61 41.0 32.9 49.3



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

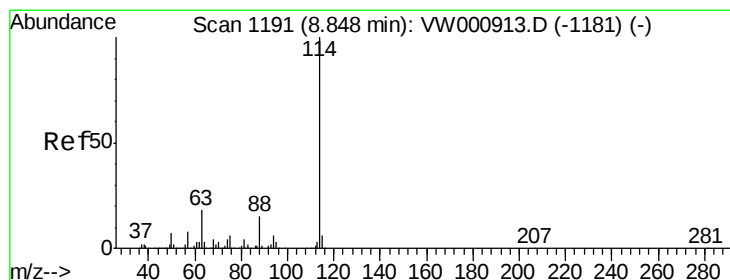
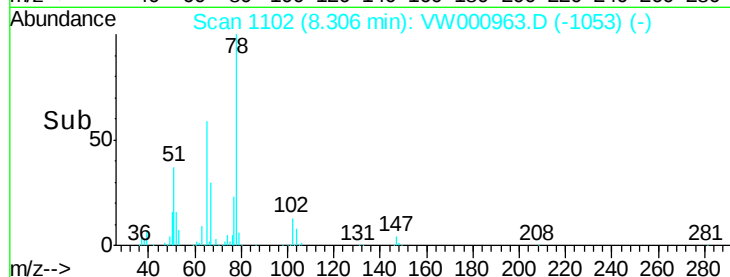
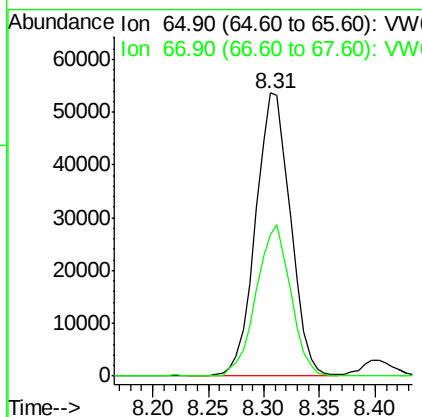
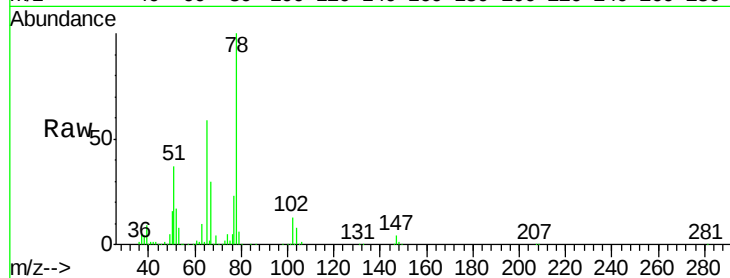




#33
 1,2-Dichloroethane-d4
 Concen: 45.60 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

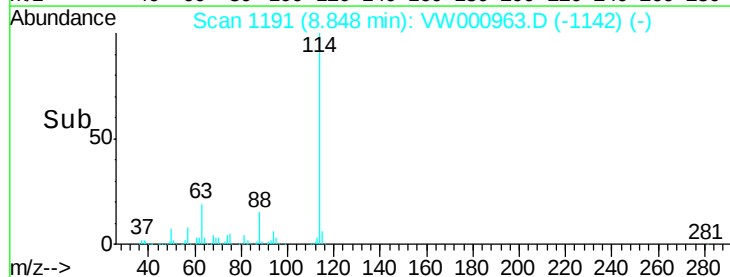
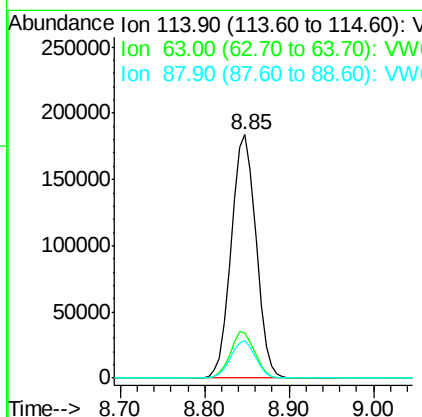
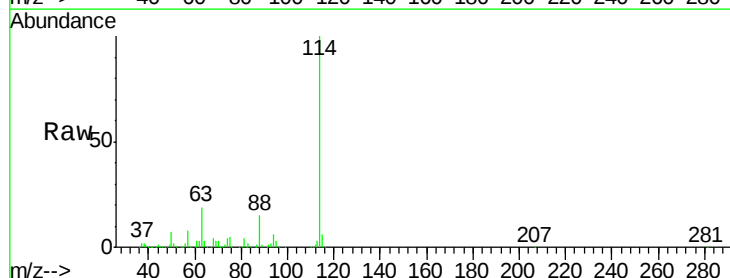
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

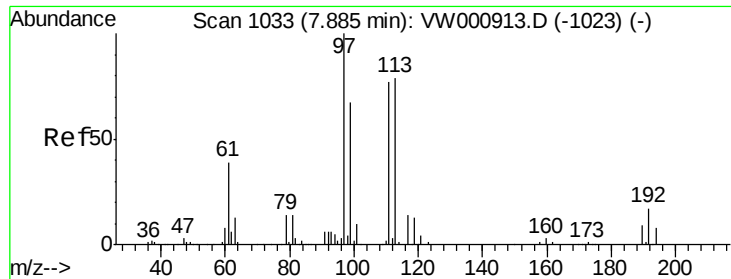
Tgt Ion: 65 Resp: 117247
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 114 Resp: 364394
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.2 0.0 29.8

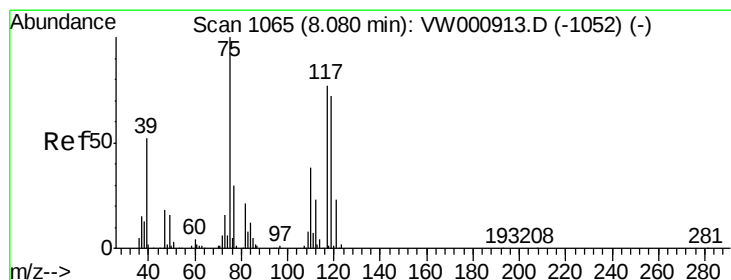
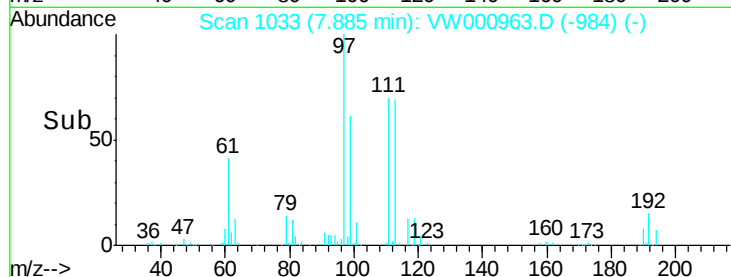
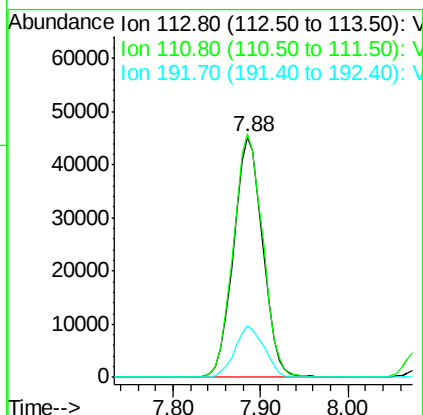
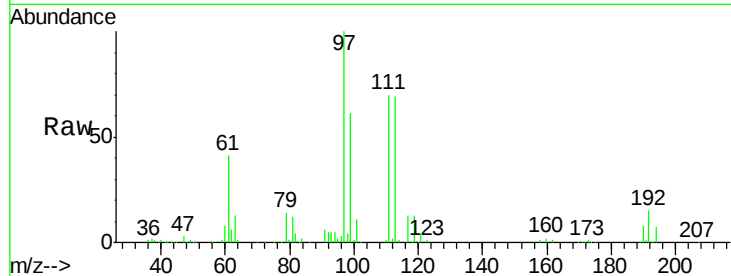




#35
 Dibromofluoromethane
 Concen: 46.86 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

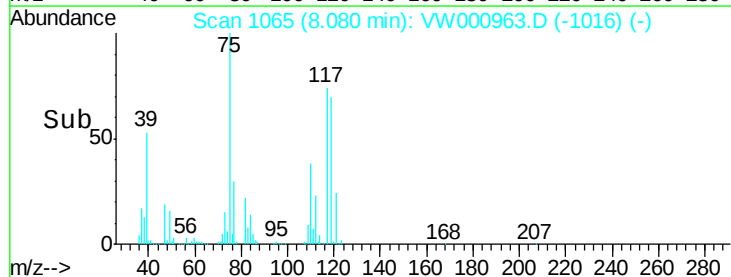
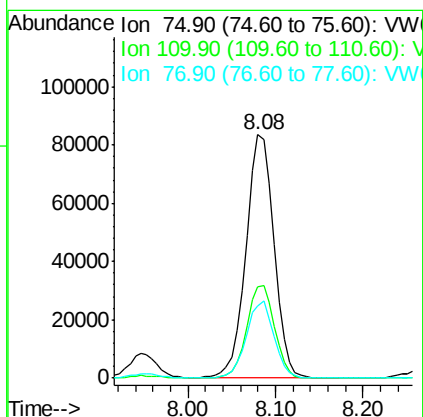
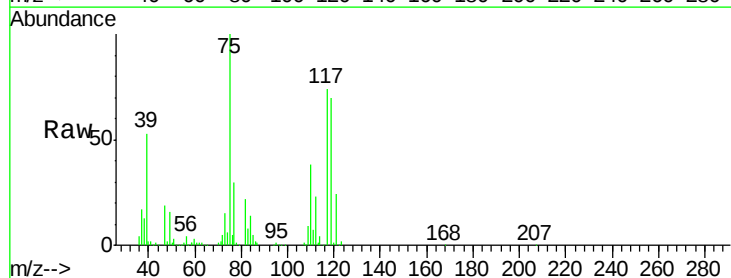
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

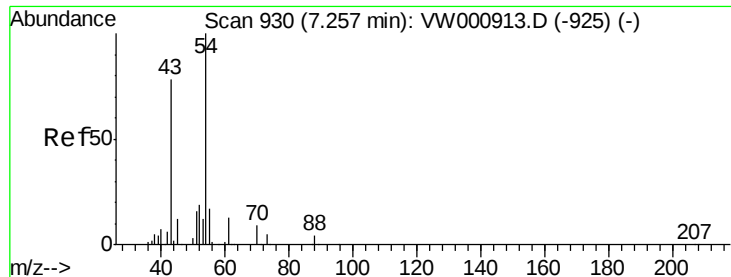
Tgt Ion:113 Resp: 104608
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.4 120.6
 192 21.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 53.22 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 75 Resp: 185051
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.6 56.0
 77 31.6 24.6 36.8

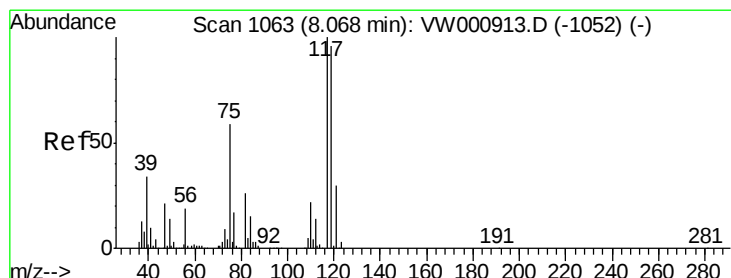
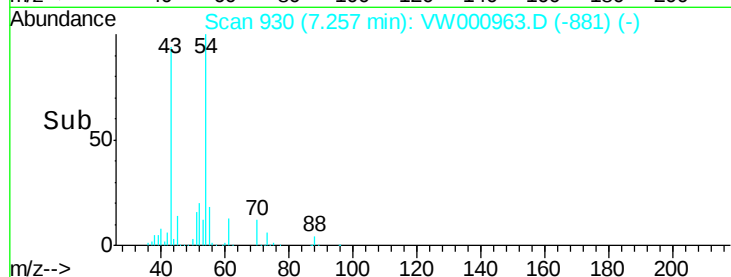
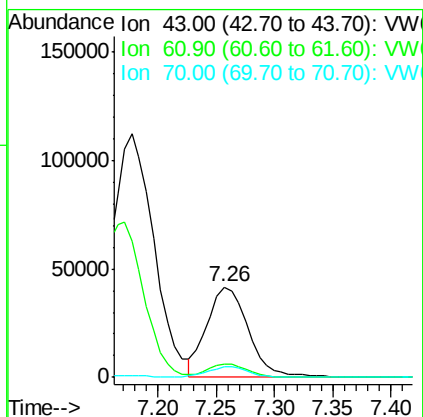
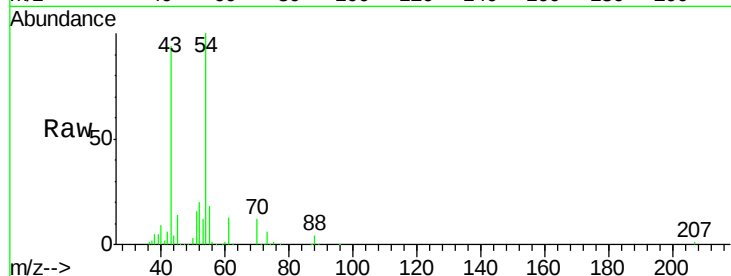




#37
Ethyl Acetate
Concen: 51.79 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

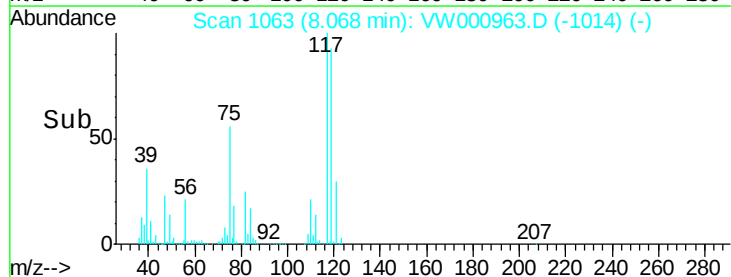
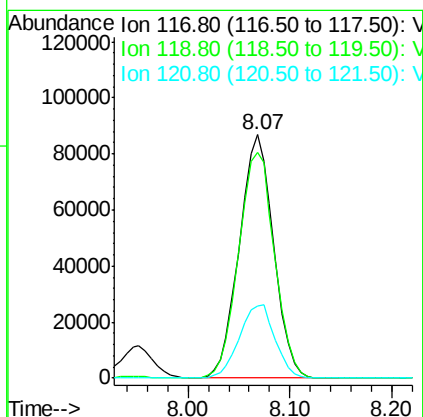
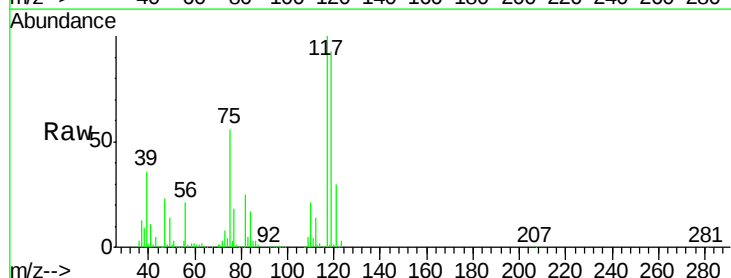
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

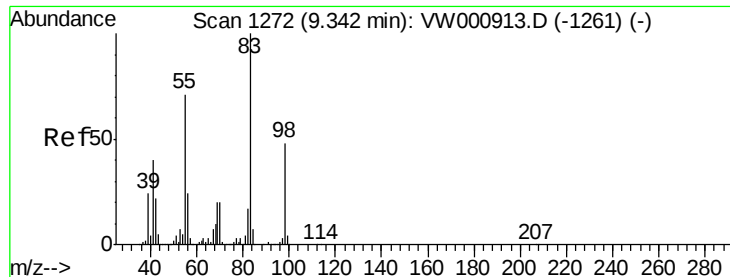
Tgt Ion: 43 Resp: 101633
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 52.86 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion: 117 Resp: 202761
Ion Ratio Lower Upper
117 100
119 92.8 76.5 114.7
121 29.6 24.3 36.5





#39

Methylcyclohexane

Concen: 54.46 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

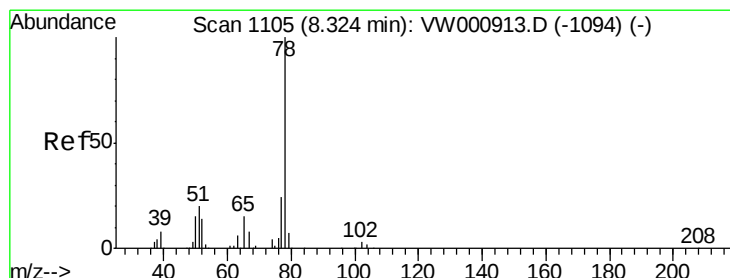
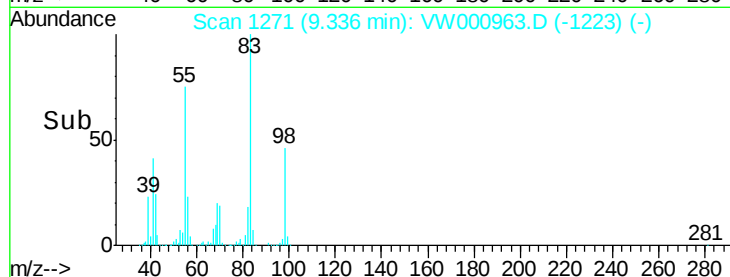
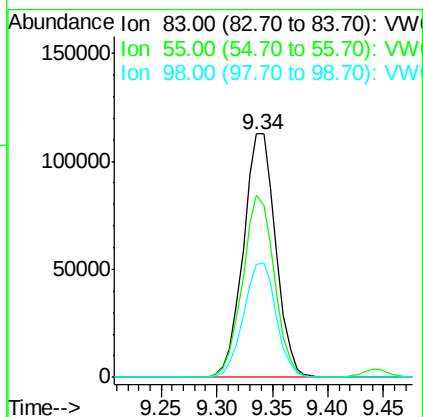
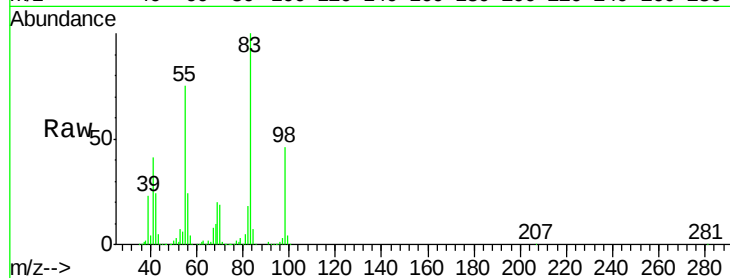
Tgt Ion: 83 Resp: 228057

Ion Ratio Lower Upper

83 100

55 74.6 56.4 84.6

98 46.4 38.2 57.4



#40

Benzene

Concen: 52.56 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VW000963.D

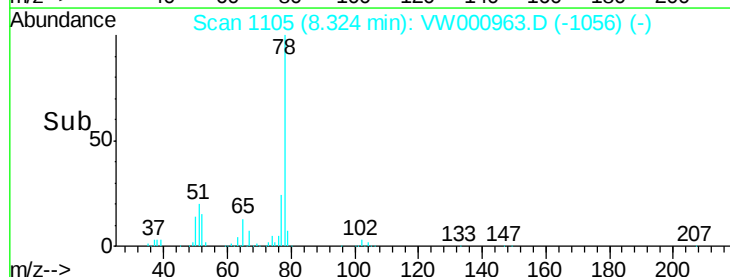
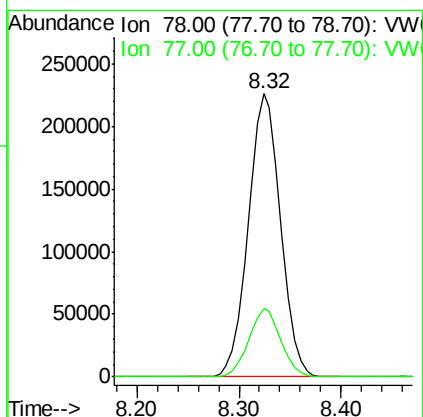
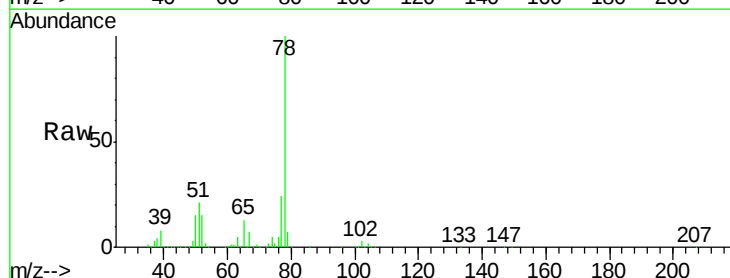
Acq: 24 Jan 2018 22:21

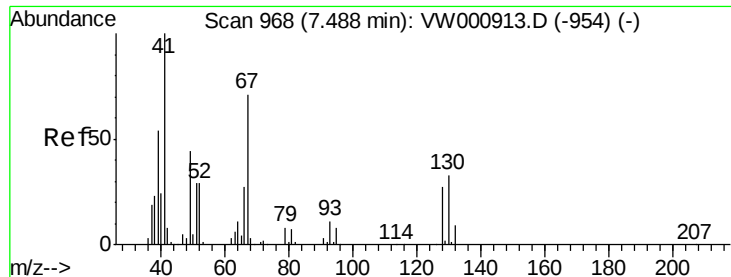
Tgt Ion: 78 Resp: 496866

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6





#41

Methacrylonitrile

Concen: 55.60 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 61249

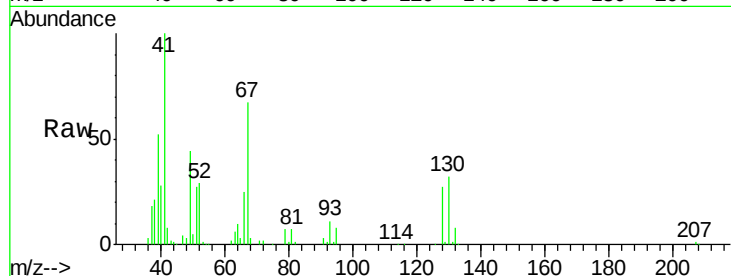
Ion Ratio Lower Upper

41 100

39 47.2 43.4 65.0

67 74.2 59.0 88.4

52 32.0 24.6 36.8



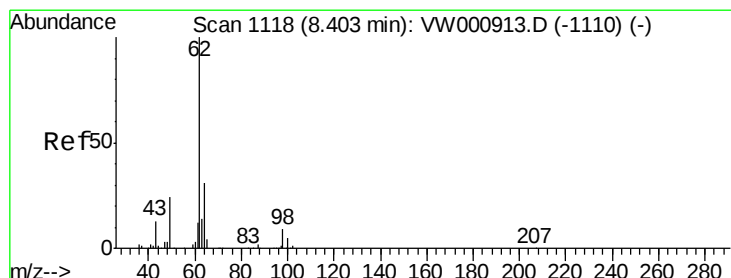
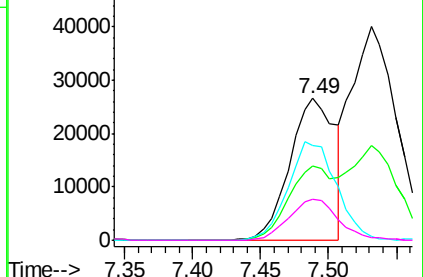
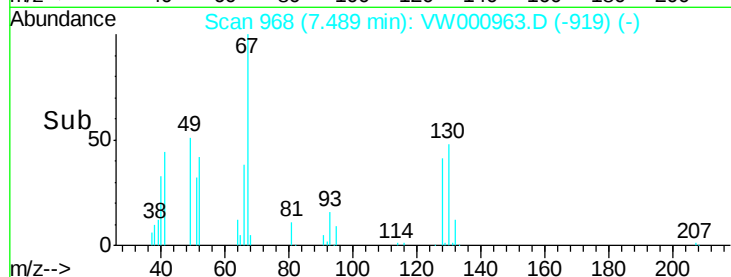
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

Time-->



#42

1,2-Dichloroethane

Concen: 52.37 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW000963.D

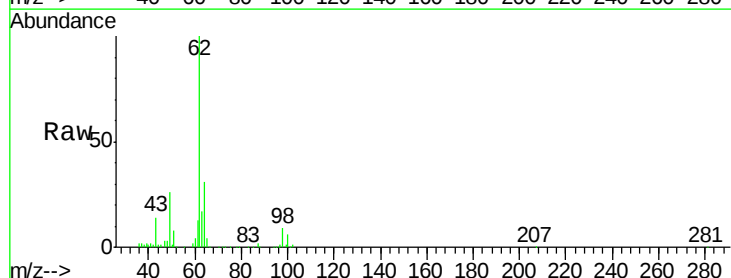
Acq: 24 Jan 2018 22:21

Tgt Ion: 62 Resp: 152549

Ion Ratio Lower Upper

62 100

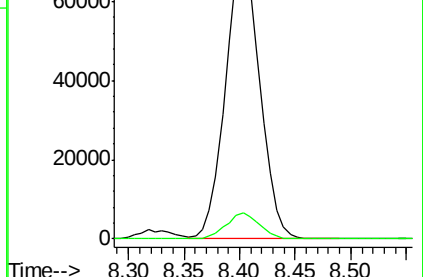
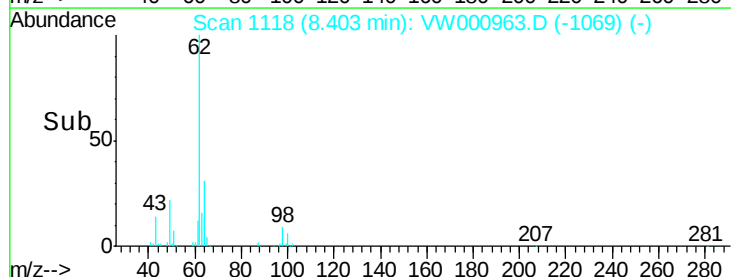
98 9.0 0.0 18.0

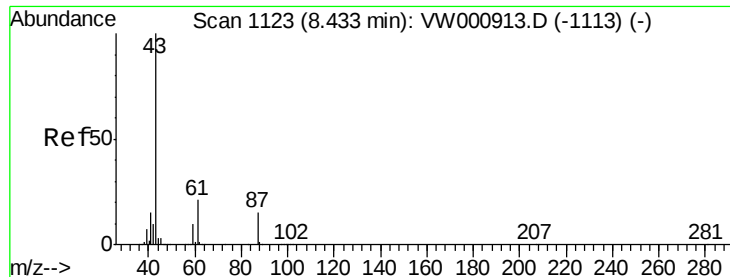


Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

Time-->





#43

Isopropyl Acetate

Concen: 53.17 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

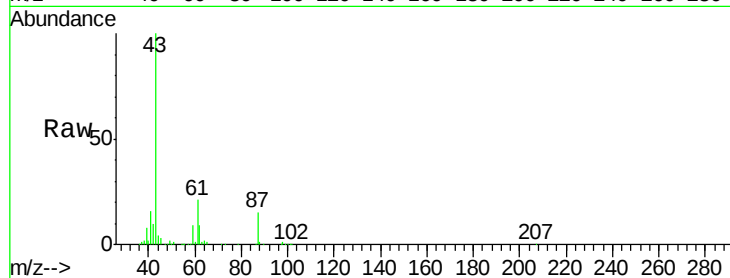
Tgt Ion: 43 Resp: 176884

Ion Ratio Lower Upper

43 100

61 29.3 23.6 35.4

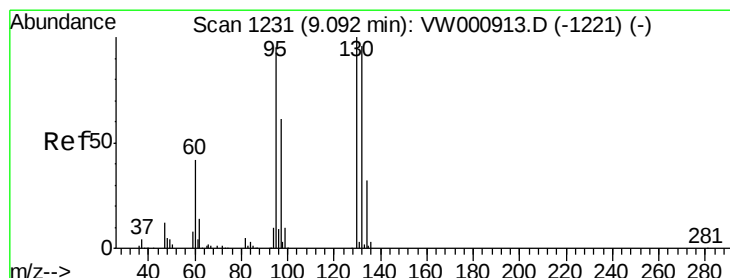
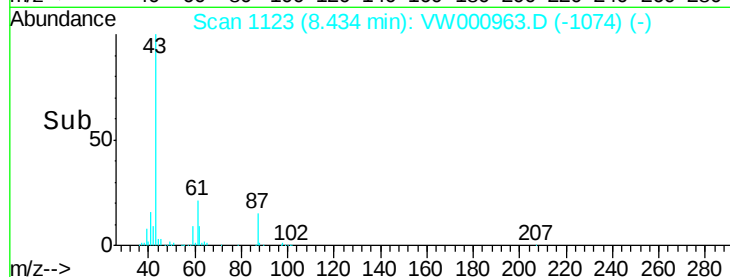
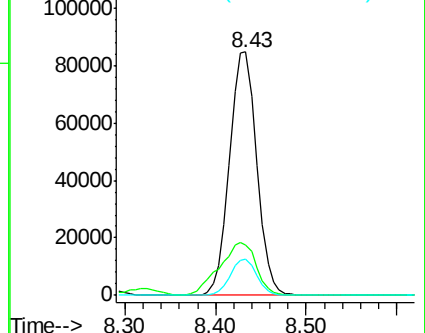
87 14.6 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.35 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW000963.D

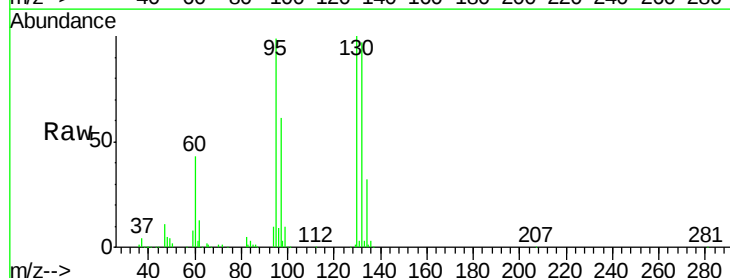
Acq: 24 Jan 2018 22:21

Tgt Ion: 130 Resp: 147060

Ion Ratio Lower Upper

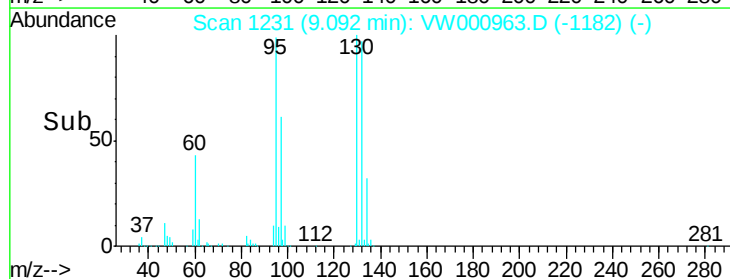
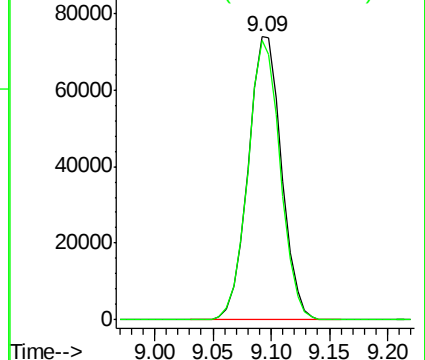
130 100

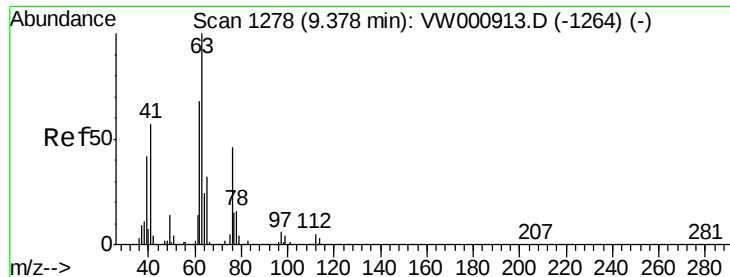
95 98.7 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 52.39 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

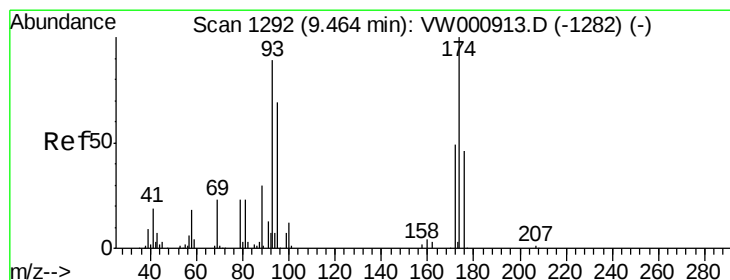
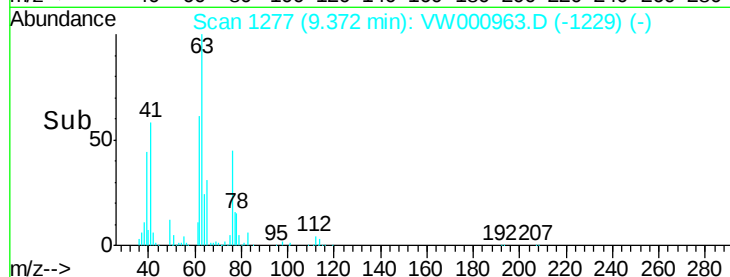
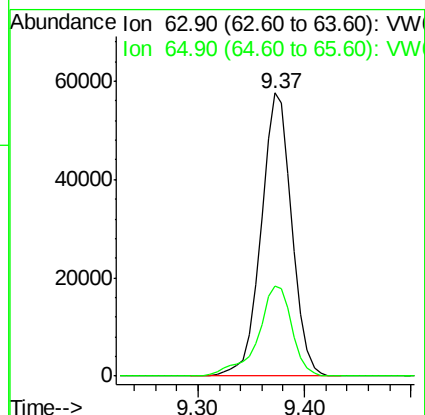
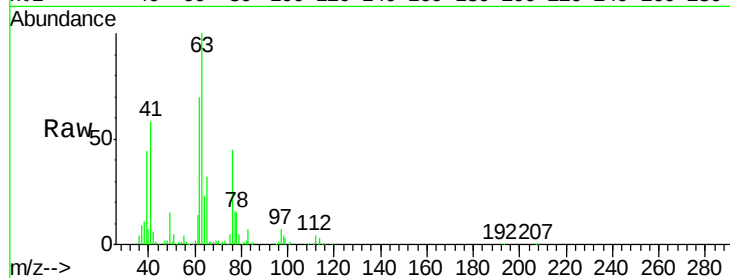
VSTDCCC050

Tgt Ion: 63 Resp: 115545

Ion Ratio Lower Upper

63 100

65 31.9 25.2 37.8



#46

Dibromomethane

Concen: 52.36 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

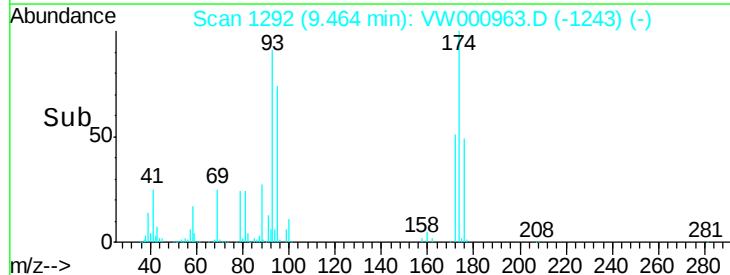
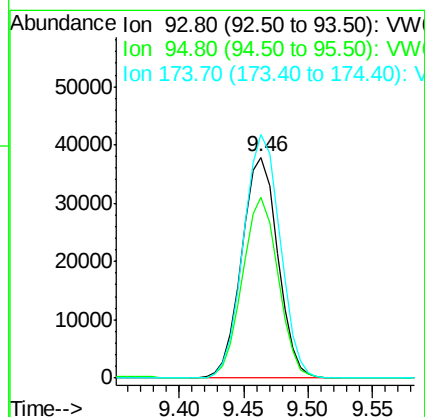
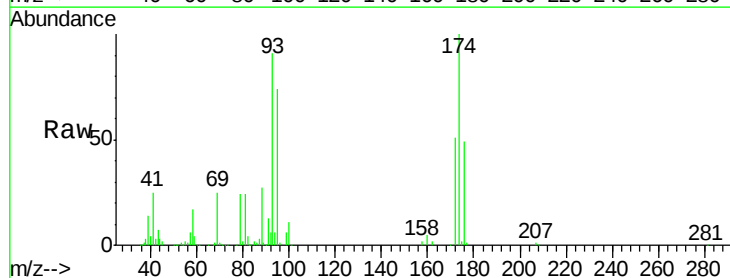
Tgt Ion: 93 Resp: 73783

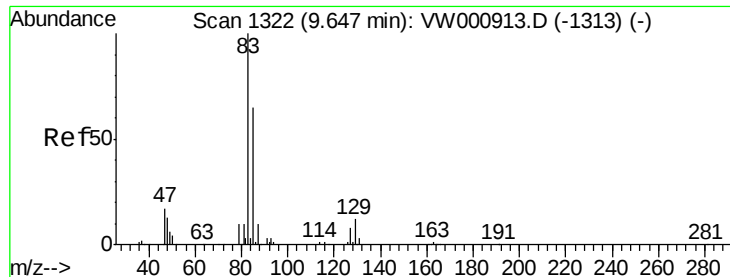
Ion Ratio Lower Upper

93 100

95 81.0 65.8 98.6

174 111.4 89.0 133.6





#47

Bromodichloromethane

Concen: 52.84 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

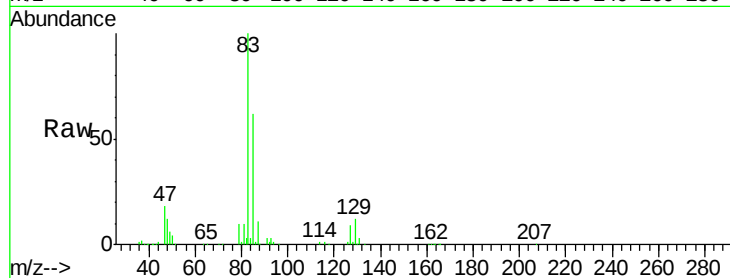
Tgt Ion: 83 Resp: 164670

Ion Ratio Lower Upper

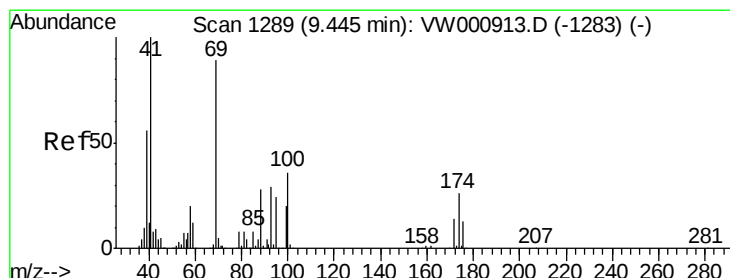
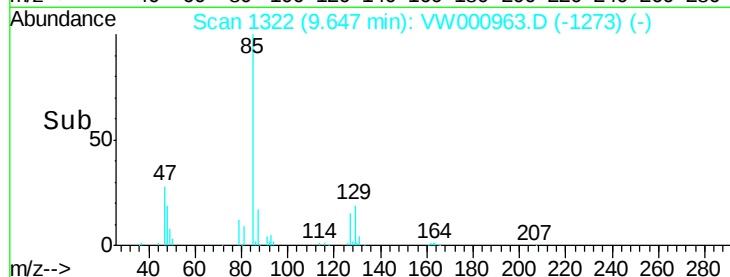
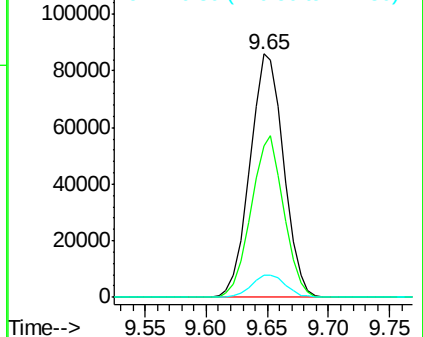
83 100

85 62.2 52.0 78.0

127 9.1 6.8 10.2



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



#48

Methyl methacrylate

Concen: 54.44 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

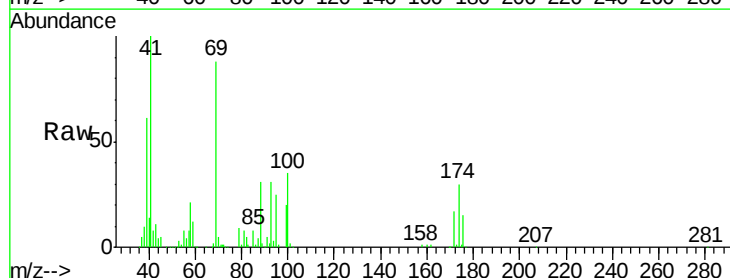
Tgt Ion: 41 Resp: 86986

Ion Ratio Lower Upper

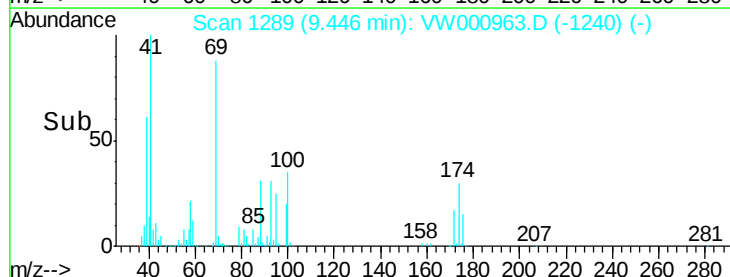
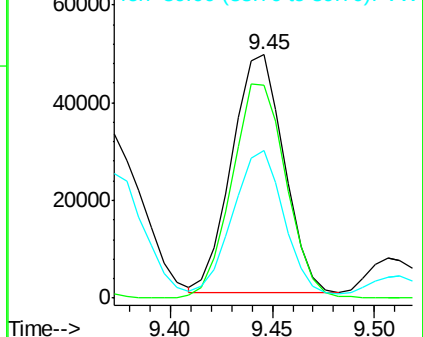
41 100

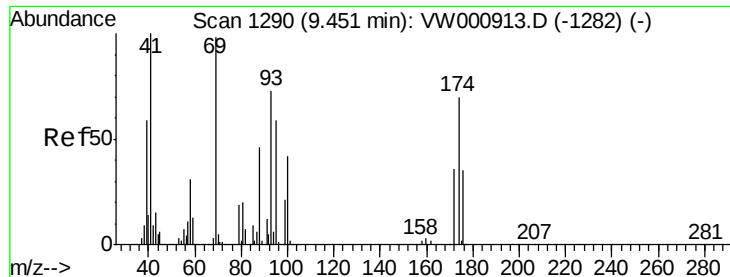
69 93.5 72.9 109.3

39 61.7 48.4 72.6



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





#49

1,4-Dioxane

Concen: 1147.36 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

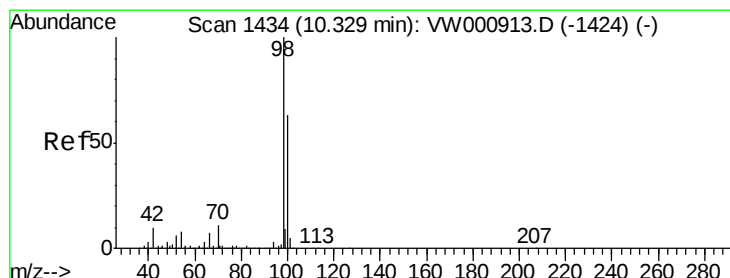
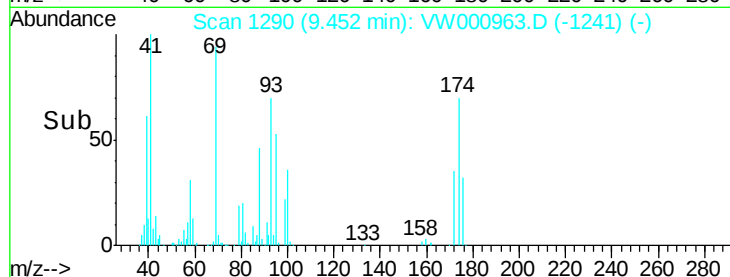
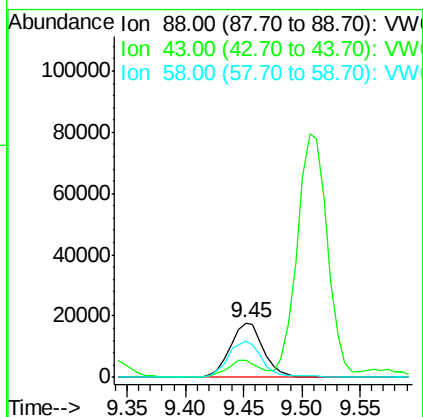
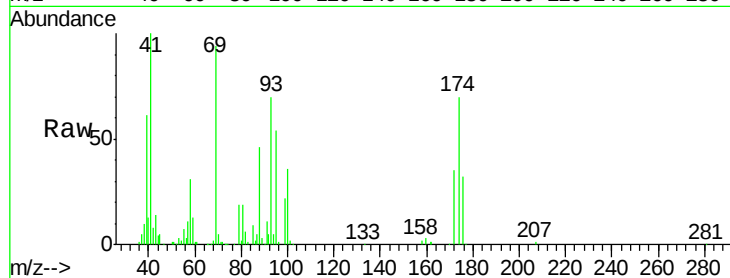
Tgt Ion: 88 Resp: 35339

Ion Ratio Lower Upper

88 100

43 31.5 24.5 36.7

58 66.1 54.7 82.1



#50

Toluene-d8

Concen: 48.91 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW000963.D

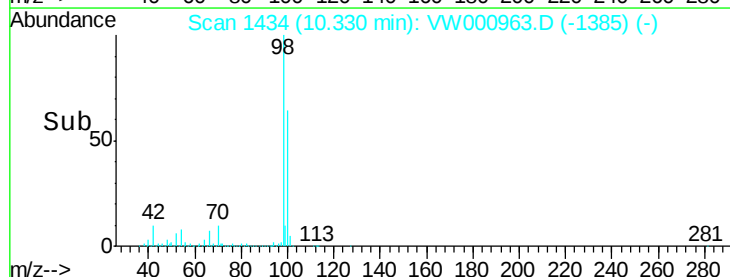
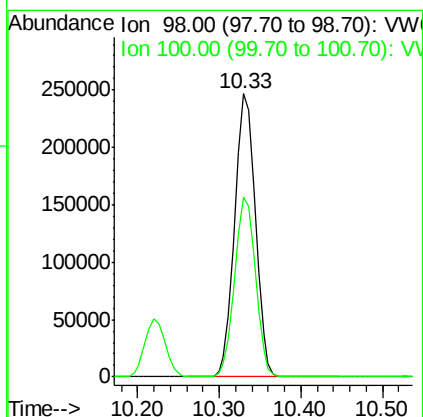
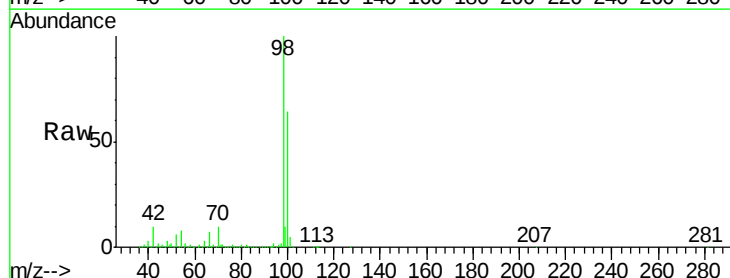
Acq: 24 Jan 2018 22:21

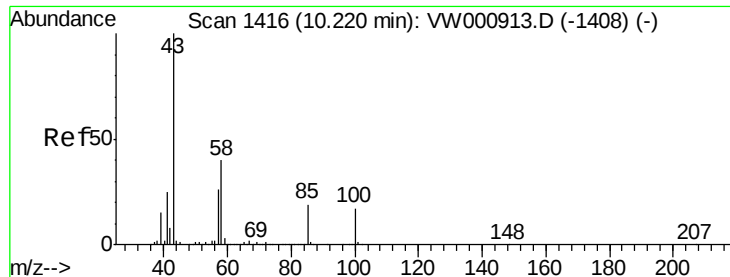
Tgt Ion: 98 Resp: 430443

Ion Ratio Lower Upper

98 100

100 63.9 50.8 76.2

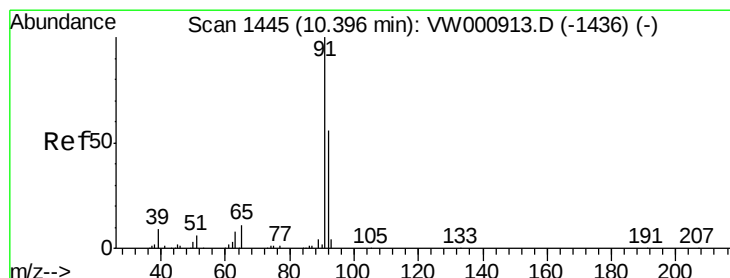
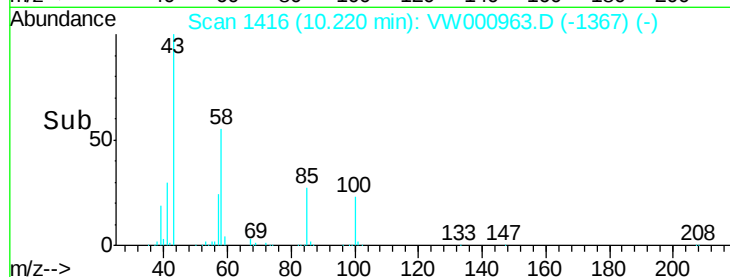
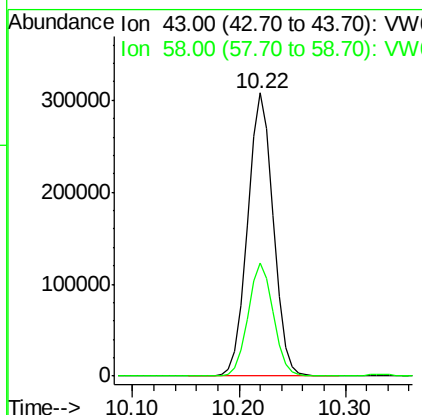
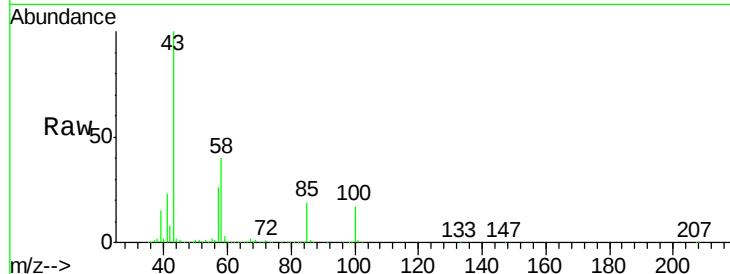




#51
 4-Methyl-2-Pentanone
 Concen: 271.63 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

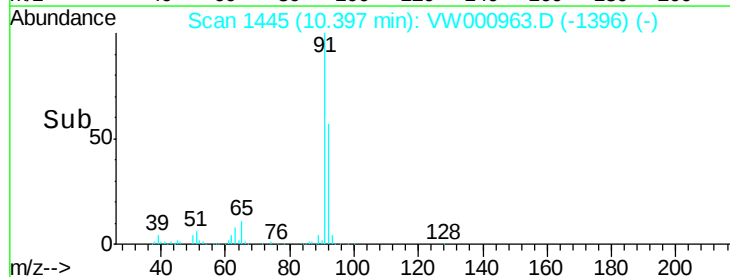
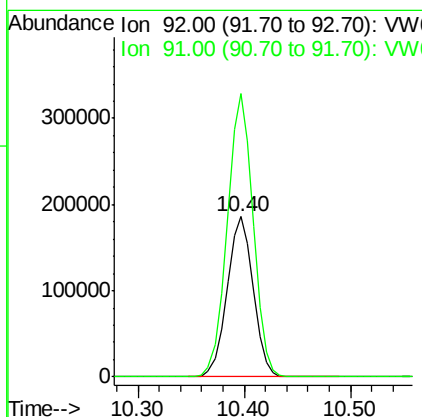
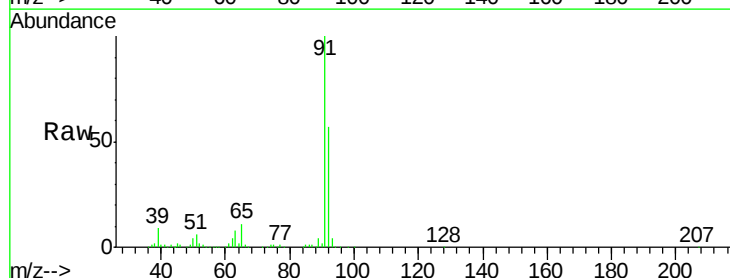
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

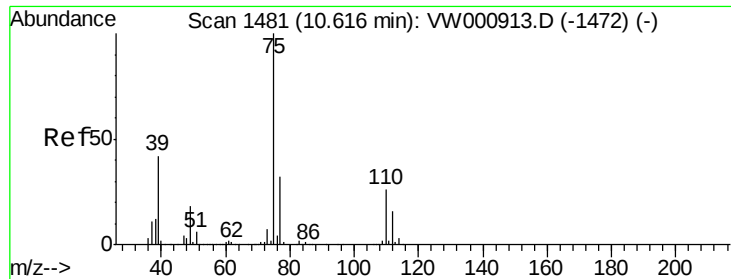
Tgt Ion: 43 Resp: 520001
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.0 48.0



#52
 Toluene
 Concen: 53.31 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 92 Resp: 318408
 Ion Ratio Lower Upper
 92 100
 91 175.6 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 52.28 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

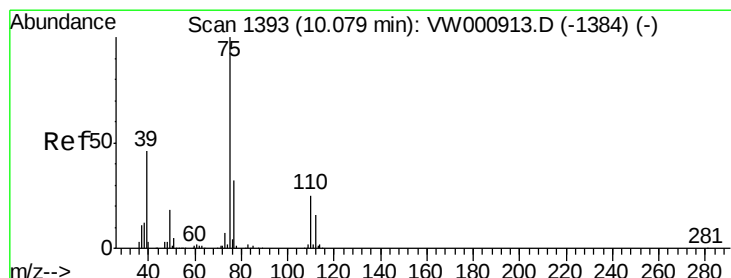
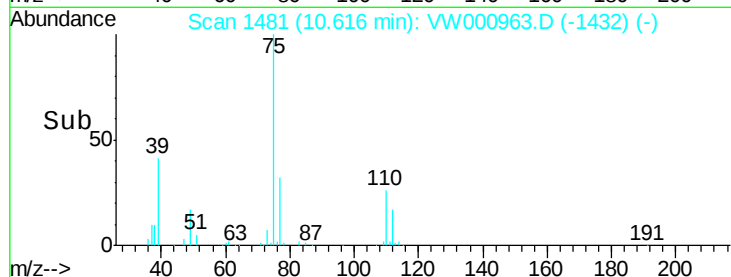
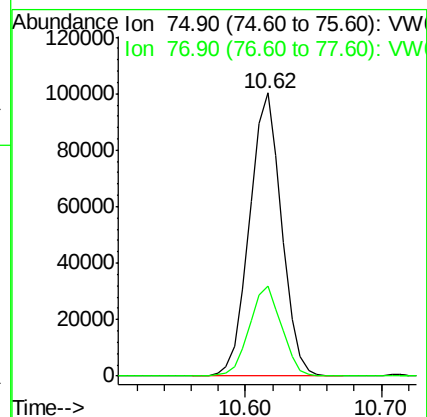
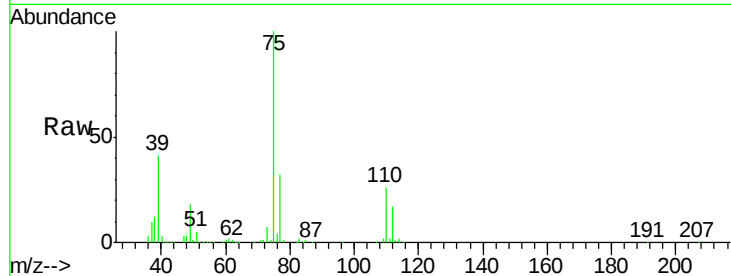
VSTDCCC050

Tgt Ion: 75 Resp: 165075

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.76 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

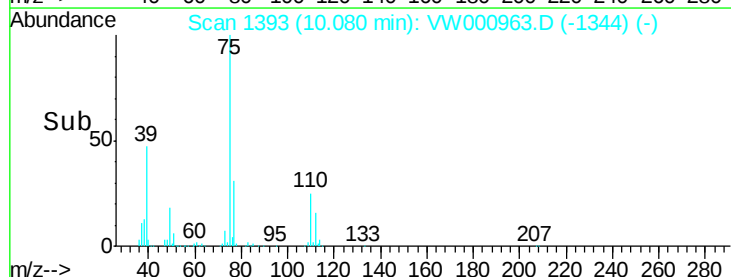
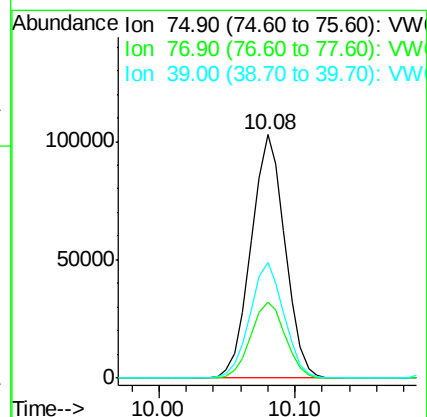
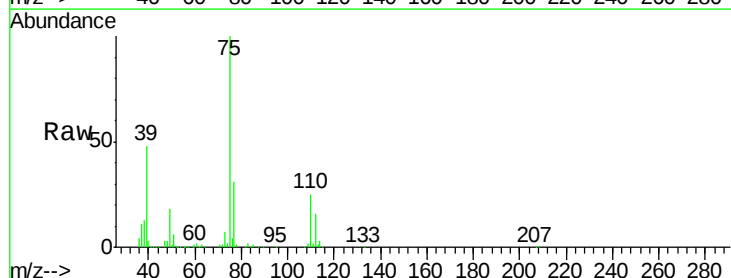
Tgt Ion: 75 Resp: 179792

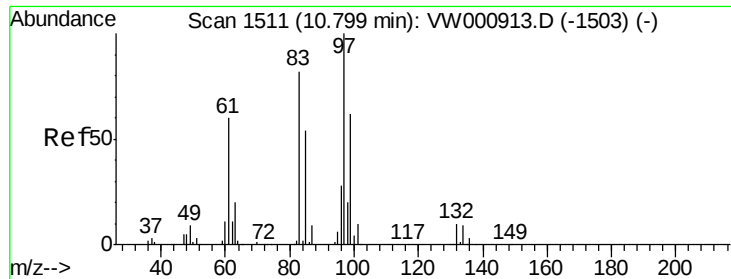
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 47.4 37.0 55.6

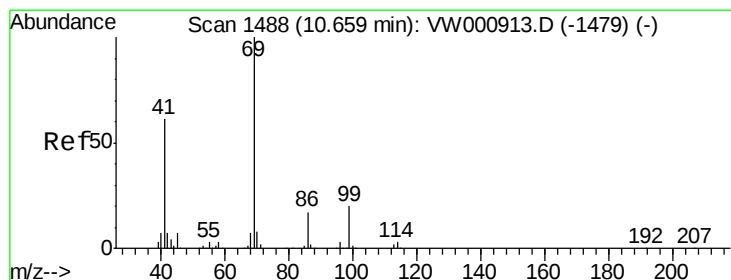
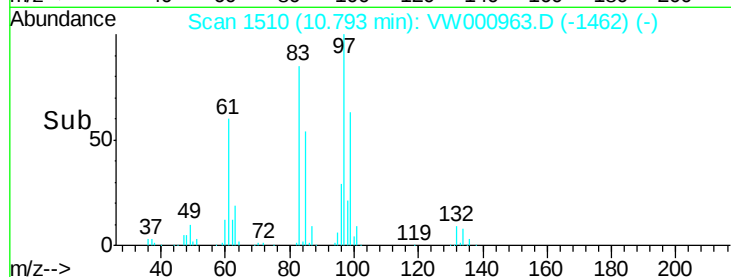
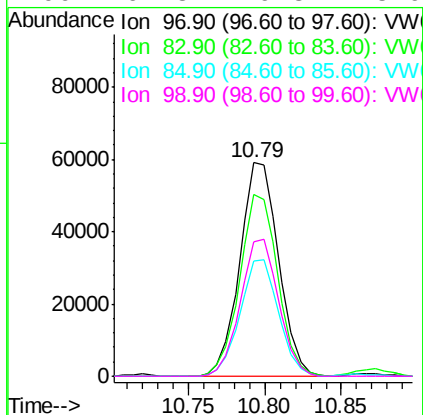
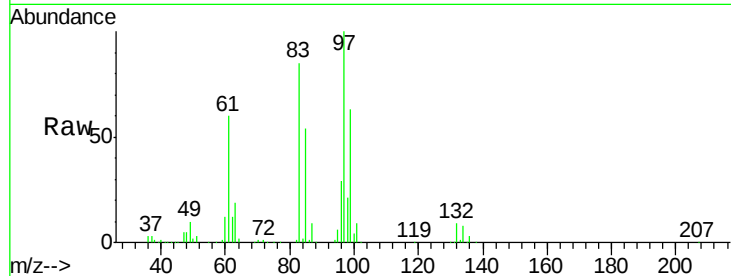




#55
 1,1,2-Trichloroethane
 Concen: 52.90 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

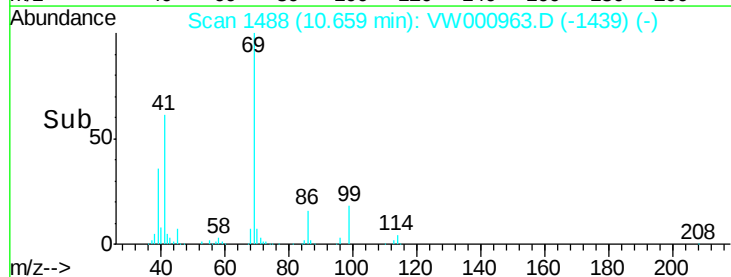
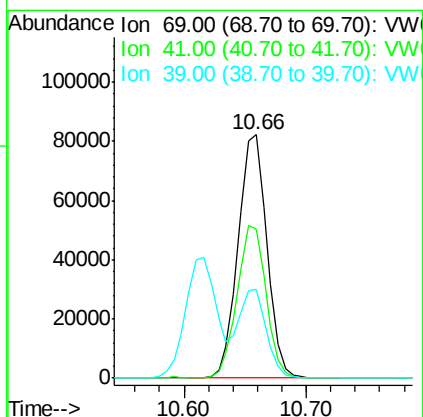
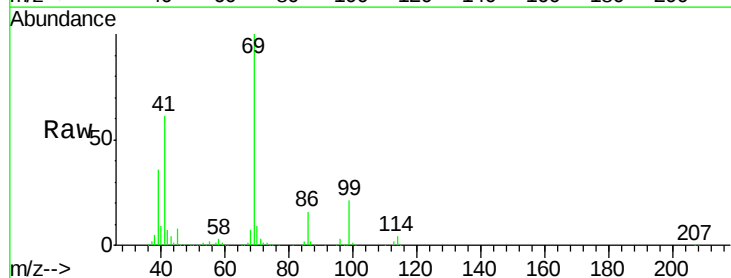
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

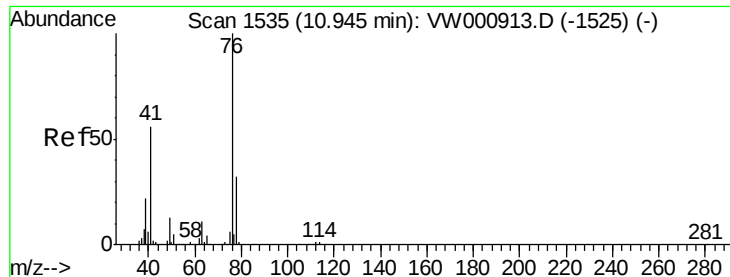
Tgt Ion:	97	Resp:	104086
Ion	Ratio	Lower	Upper
97	100		
83	85.1	65.2	97.8
85	54.0	43.1	64.7
99	62.8	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 50.78 ug/l
 RT: 10.66 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion:	69	Resp:	134225
Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.3	75.5
39	35.7	28.6	42.8

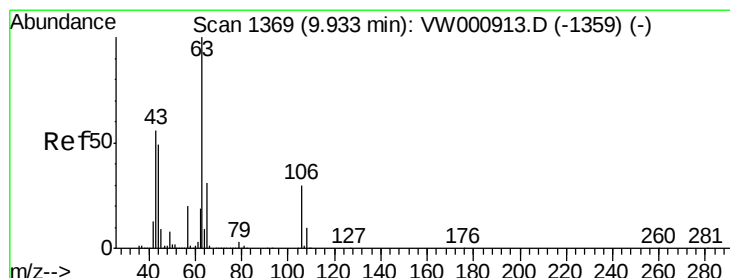
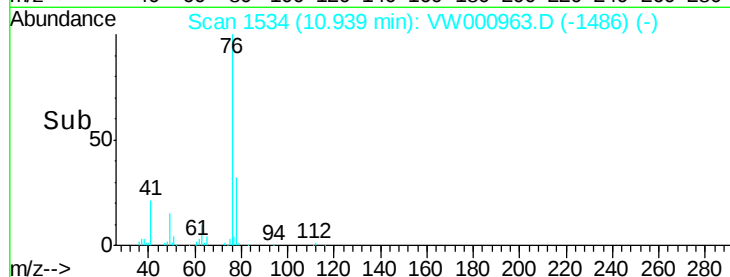
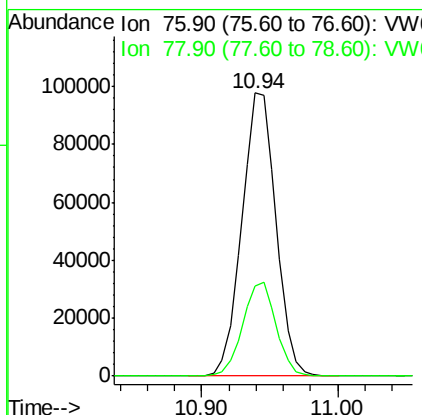
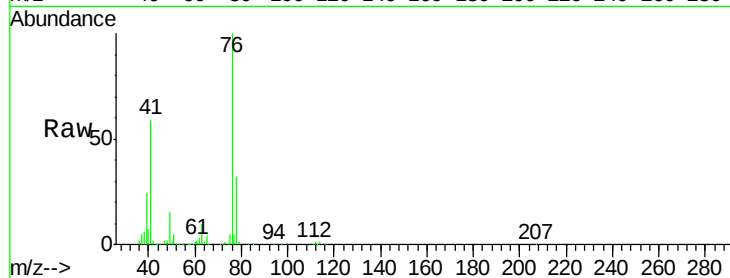




#57
 1,3-Dichloropropane
 Concen: 53.26 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

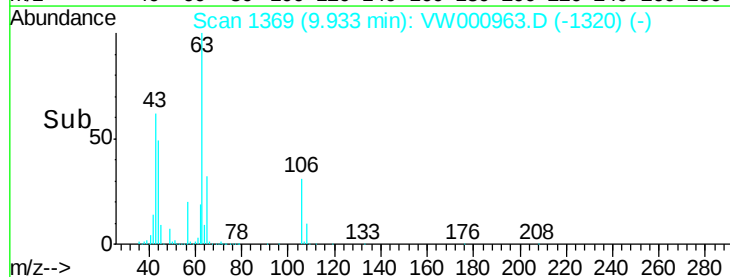
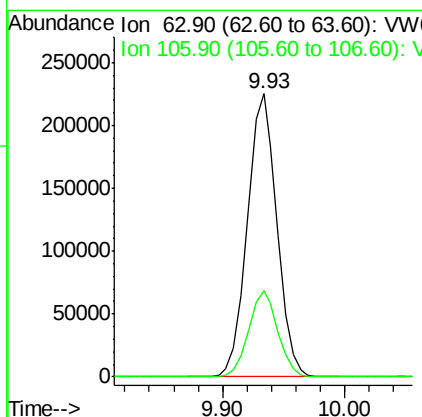
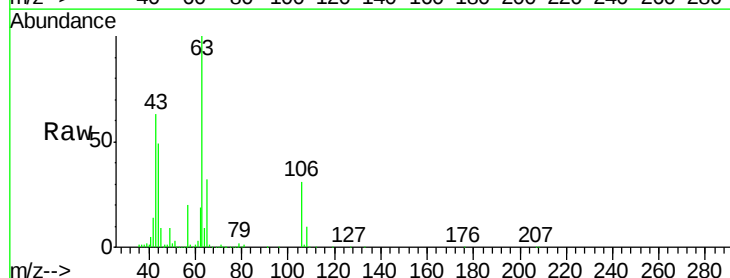
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

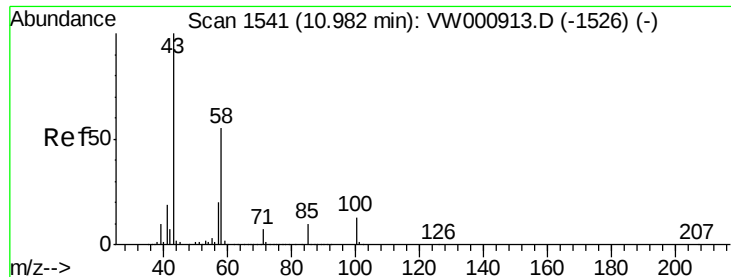
Tgt Ion: 76 Resp: 171135
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.88 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 63 Resp: 377975
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.8

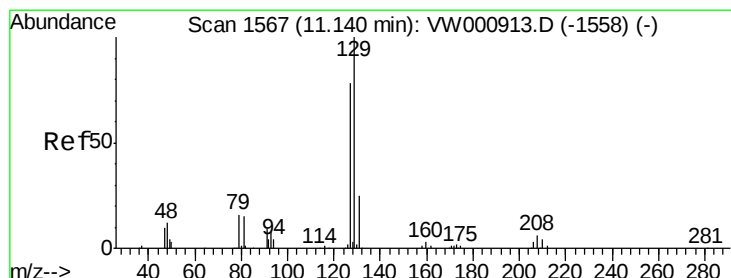
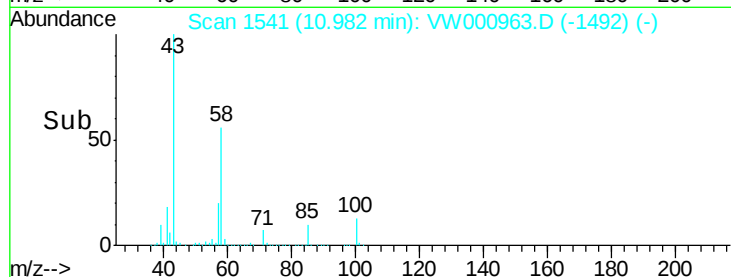
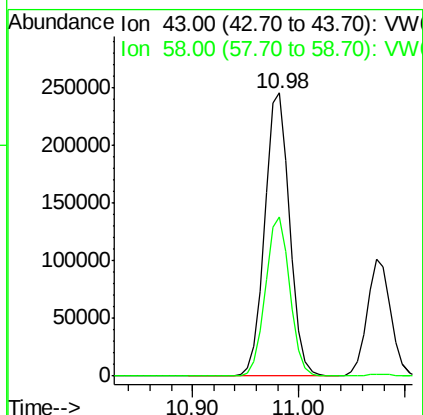
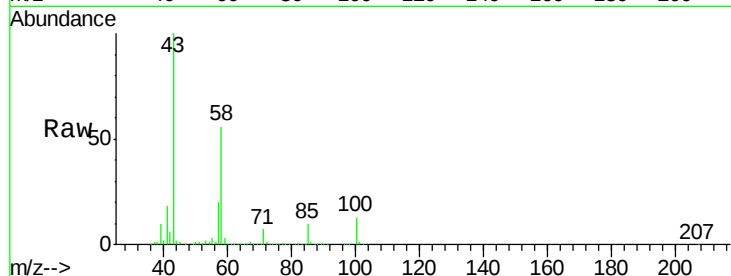




#59
2-Hexanone
Concen: 239.16 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

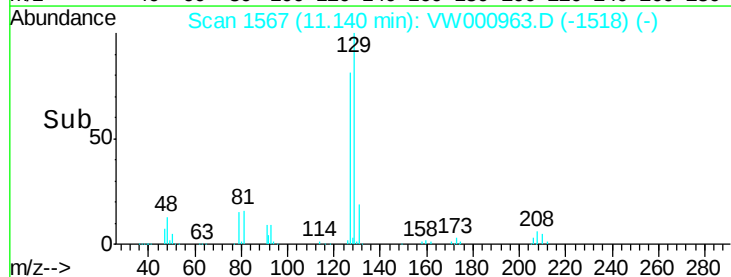
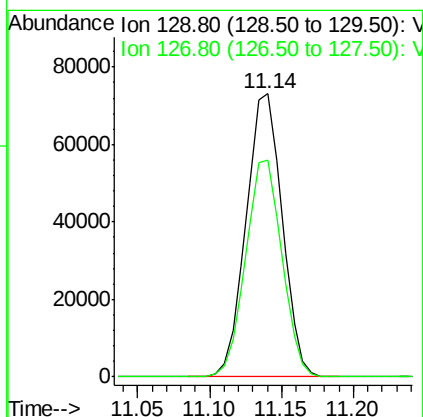
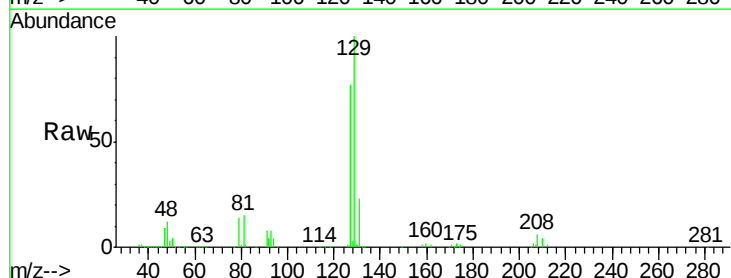
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

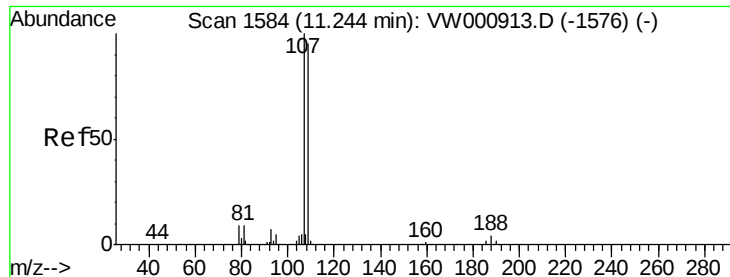
Tgt Ion: 43 Resp: 401363
Ion Ratio Lower Upper
43 100
58 55.3 27.4 82.2



#60
Dibromochloromethane
Concen: 53.41 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion: 129 Resp: 126936
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

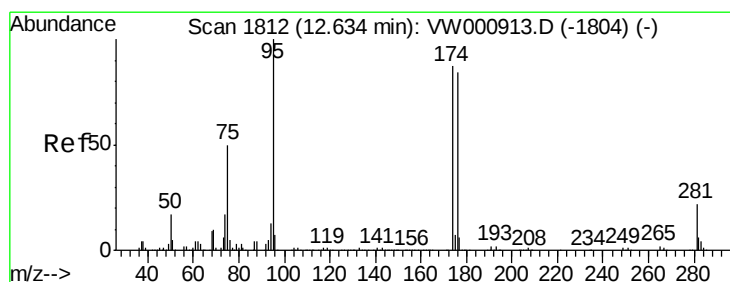
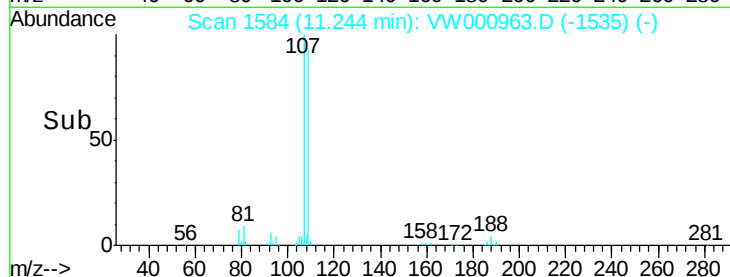
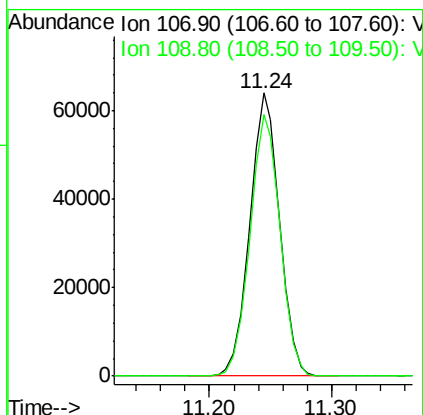
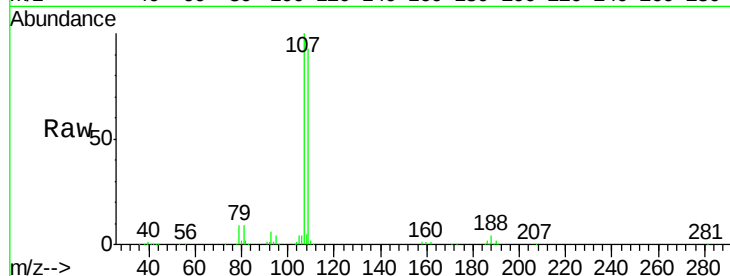




#61
 1,2-Dibromoethane
 Concen: 52.67 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

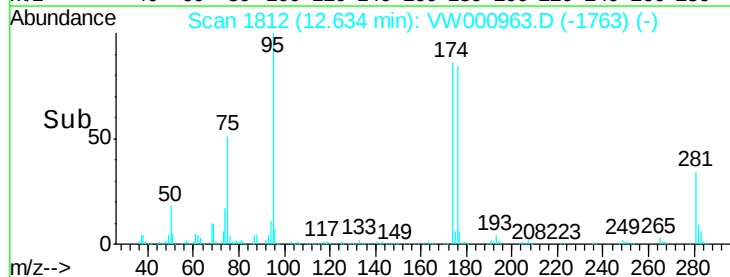
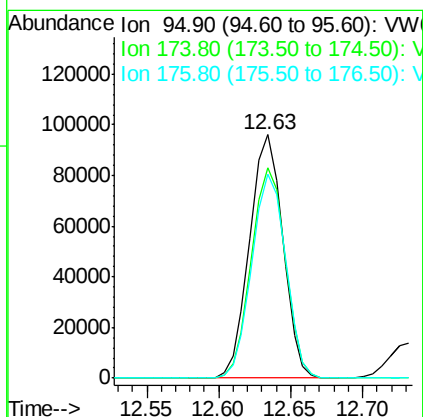
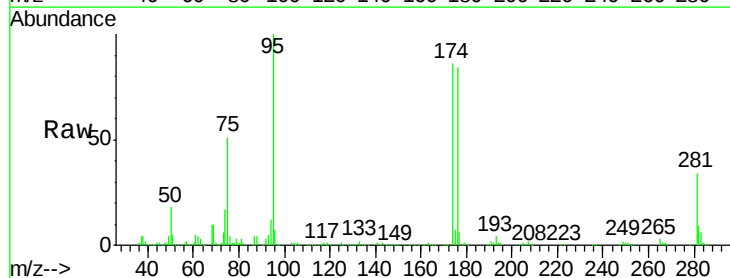
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

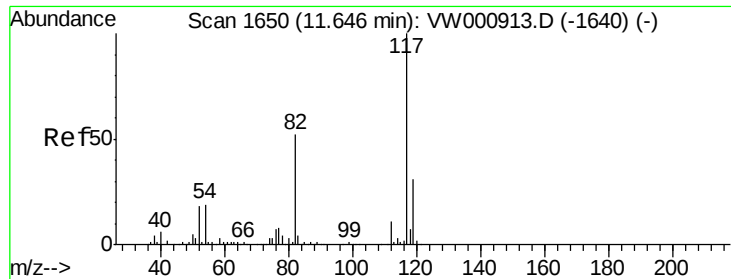
Tgt Ion: 107 Resp: 107968
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 48.01 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion: 95 Resp: 153855
 Ion Ratio Lower Upper
 95 100
 174 88.0 0.0 176.8
 176 85.5 0.0 171.8

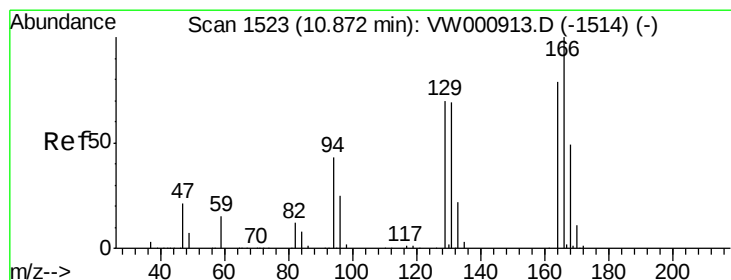
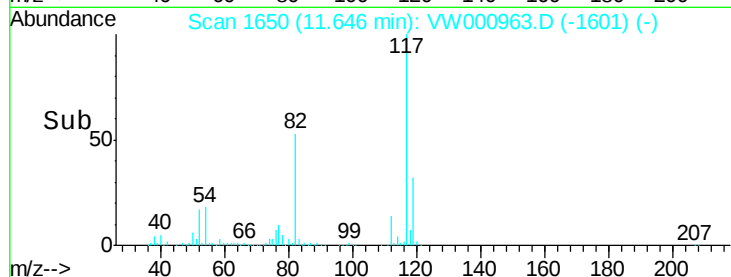
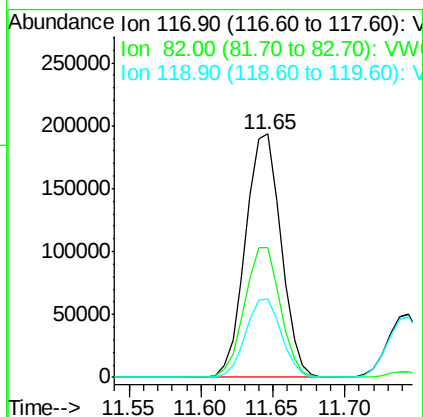
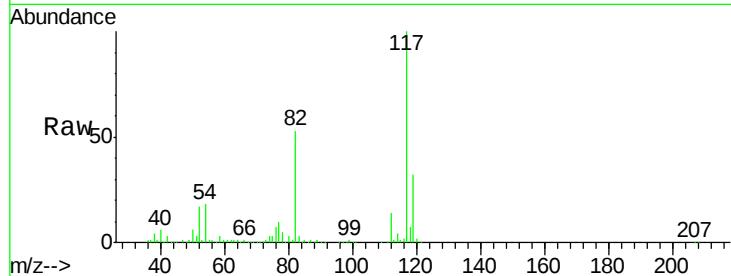




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

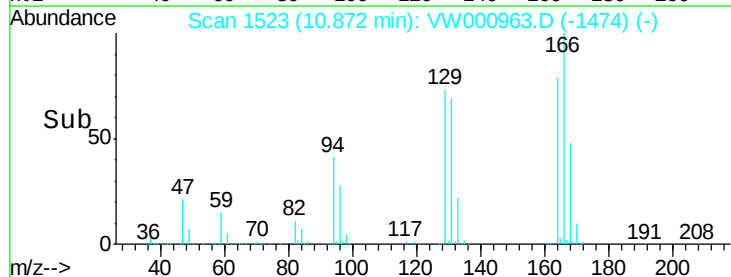
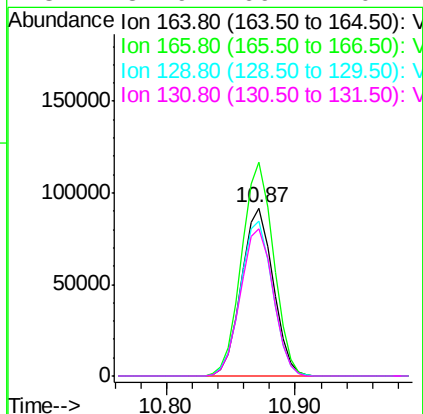
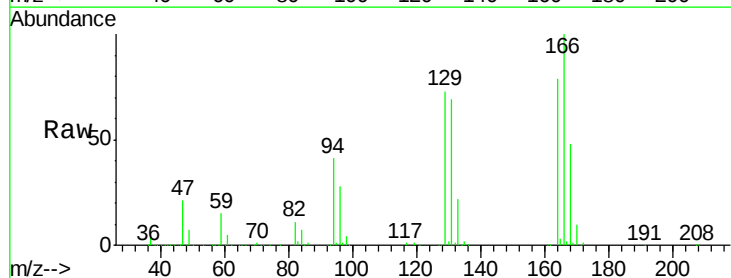
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

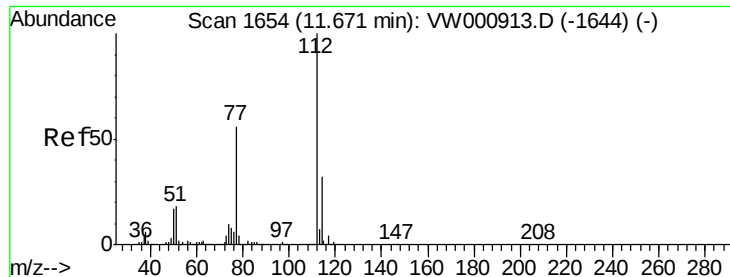
Tgt Ion:117 Resp: 329712
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 57.00 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion:164 Resp: 155966
Ion Ratio Lower Upper
164 100
166 127.1 100.9 151.3
129 92.5 70.5 105.7
131 87.9 69.4 104.2





#65

Chlorobenzene

Concen: 52.85 ug/l

RT: 11.67 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

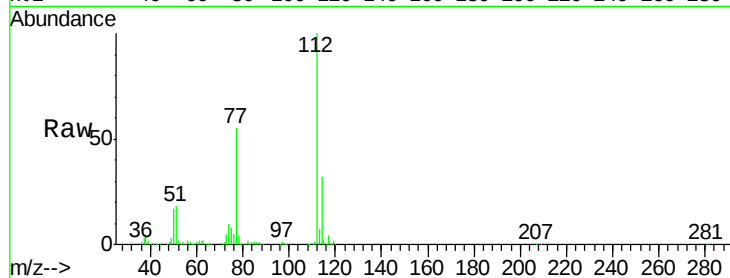
VSTDCCC050

Tgt Ion:112 Resp: 357530

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

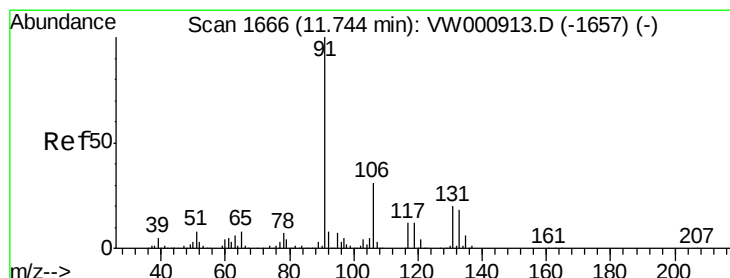
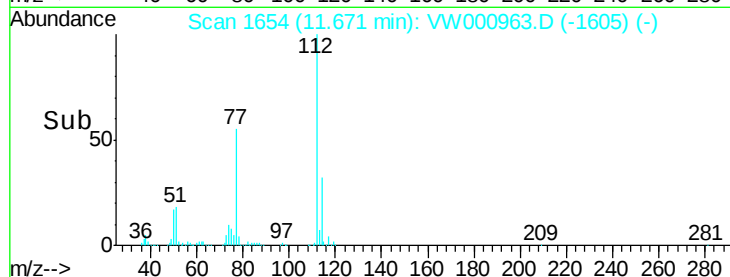
50000

0

11.67

11.60 11.70 11.80

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.92 ug/l

RT: 11.74 min Scan# 1666

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

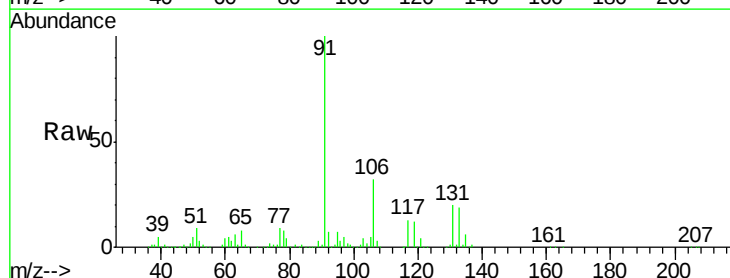
Tgt Ion:131 Resp: 130972

Ion Ratio Lower Upper

131 100

133 93.9 47.3 142.0

119 62.7 31.6 94.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

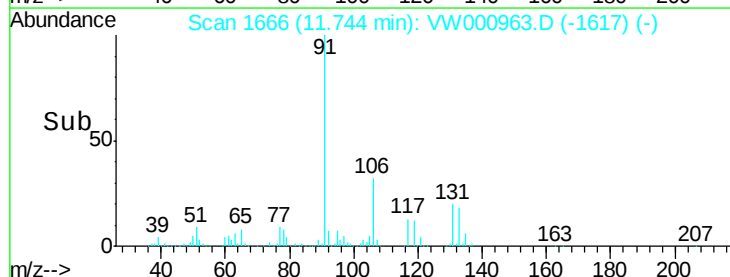
20000

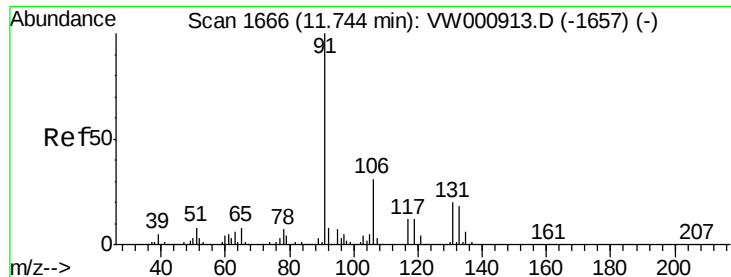
0

11.74

11.70 11.80

Time-->

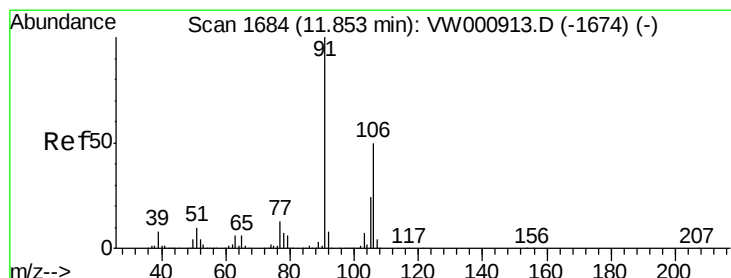
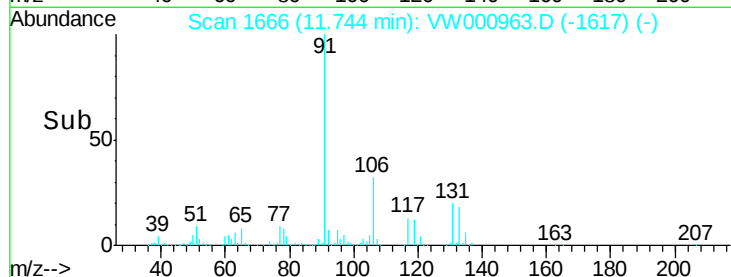
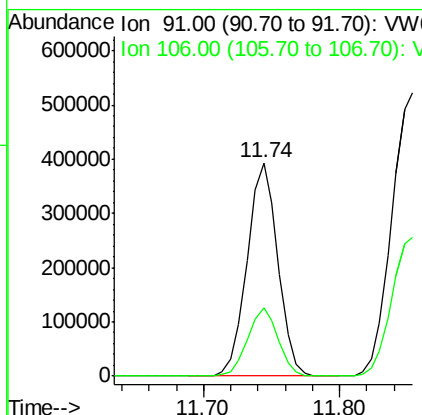
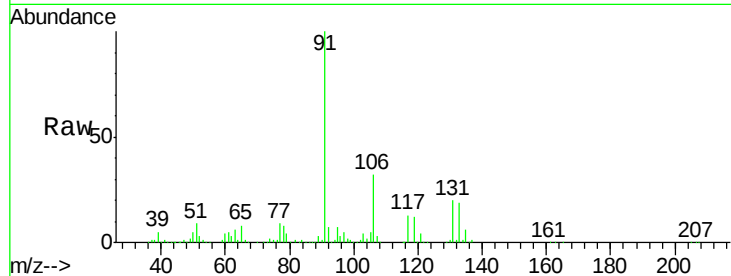




#67
Ethyl Benzene
Concen: 54.41 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

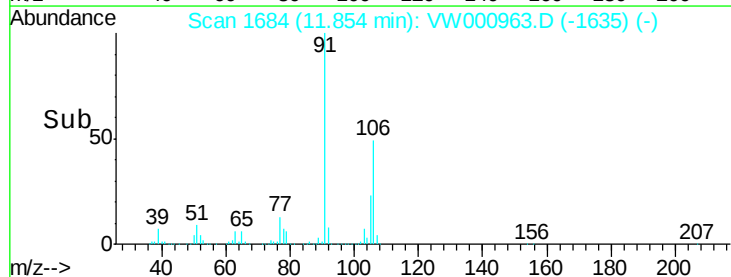
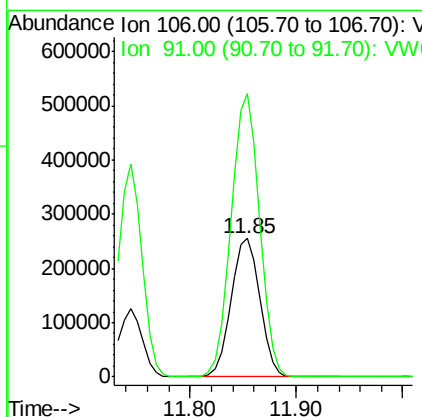
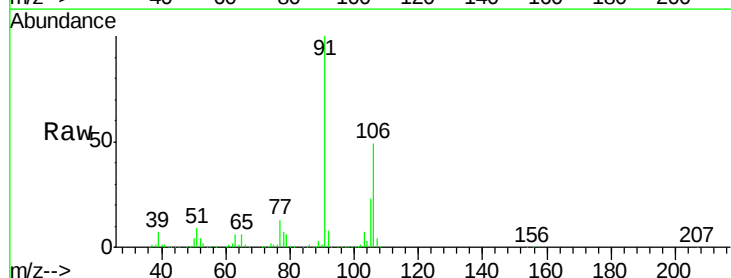
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

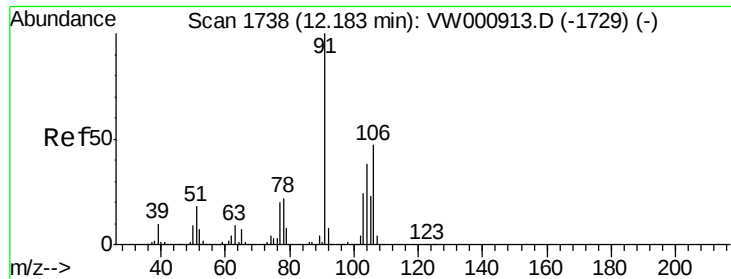
Tgt Ion: 91 Resp: 621751
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 109.19 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion: 106 Resp: 484942
Ion Ratio Lower Upper
106 100
91 201.8 161.9 242.9

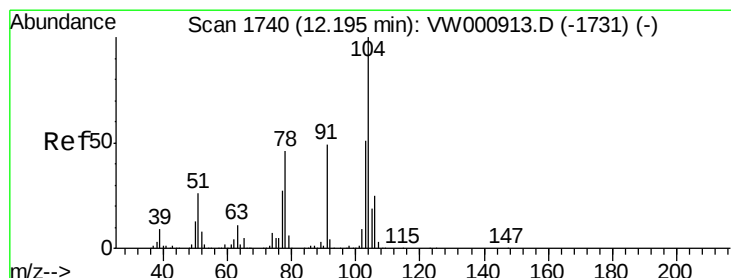
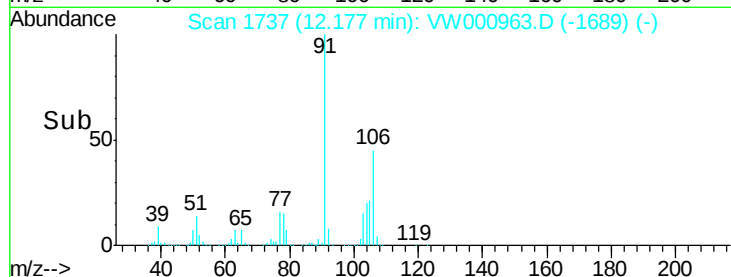
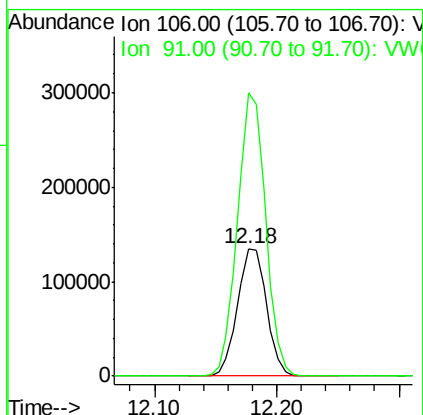
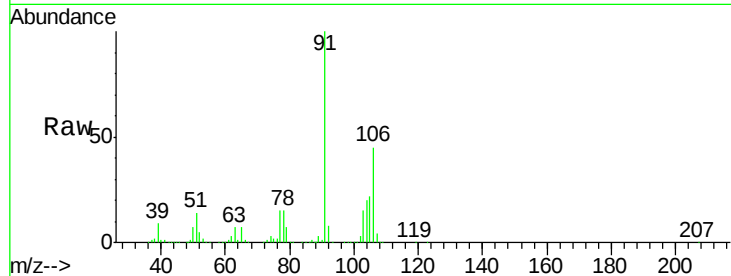




#69
o-Xylene
Concen: 54.38 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

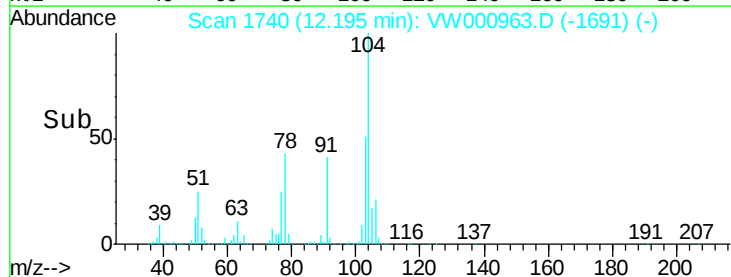
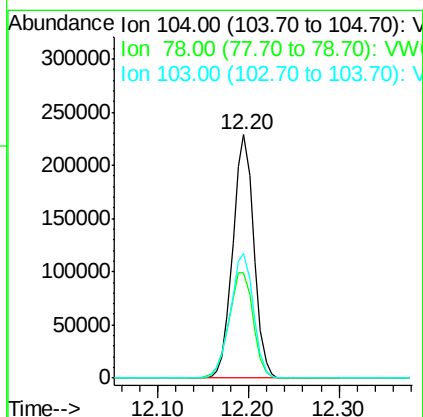
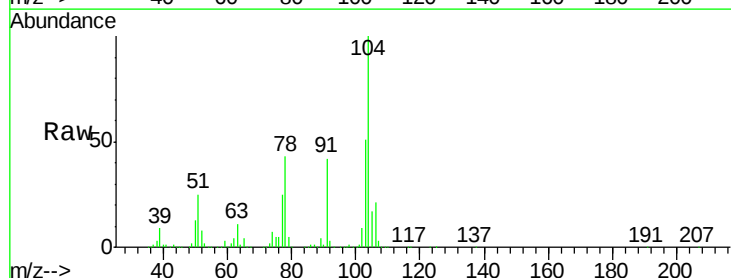
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

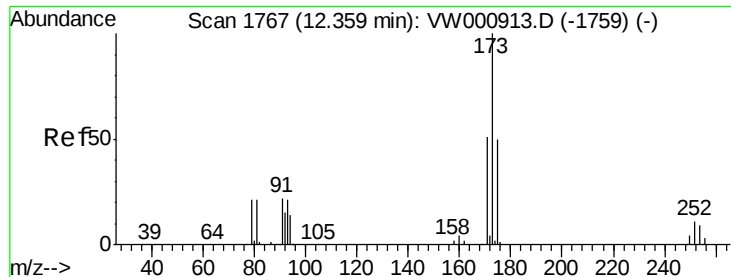
Tgt Ion:106 Resp: 221491
Ion Ratio Lower Upper
106 100
91 215.9 106.3 318.8



#70
Styrene
Concen: 55.54 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion:104 Resp: 368740
Ion Ratio Lower Upper
104 100
78 49.9 40.1 60.1
103 55.9 44.6 66.8





#71

Bromoform

Concen: 53.88 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

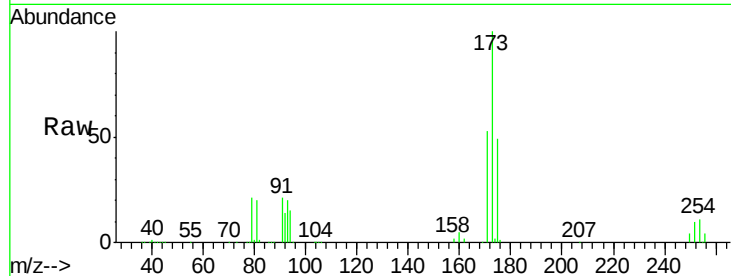
Tgt Ion:173 Resp: 88797

Ion Ratio Lower Upper

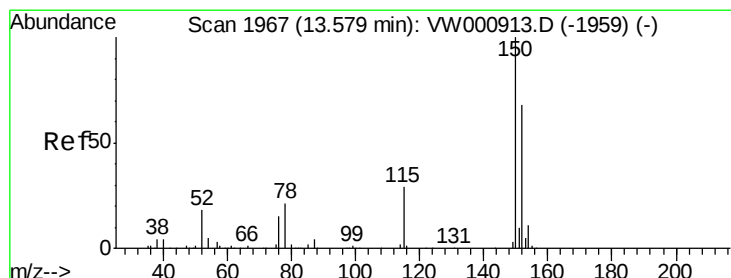
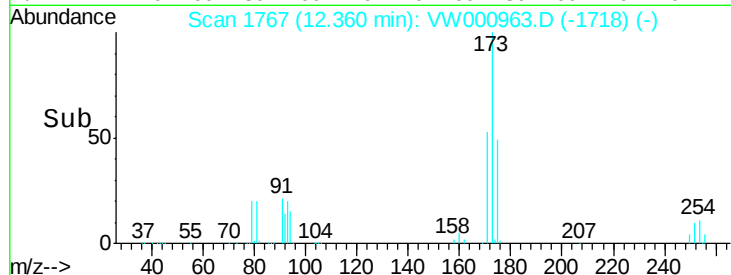
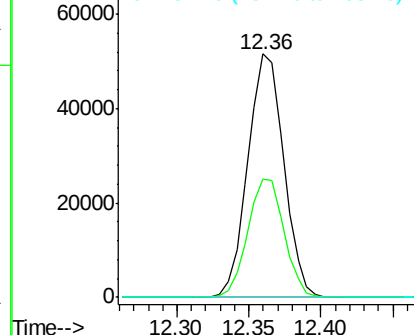
173 100

175 49.0 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: 13.57 min Scan# 1966

Delta R.T. -0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

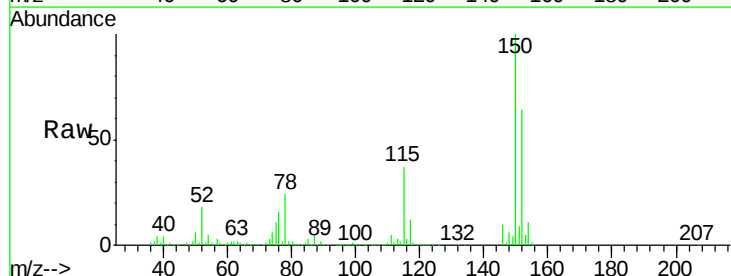
Tgt Ion:152 Resp: 176935

Ion Ratio Lower Upper

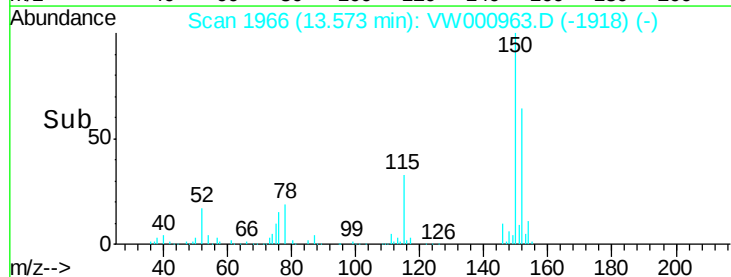
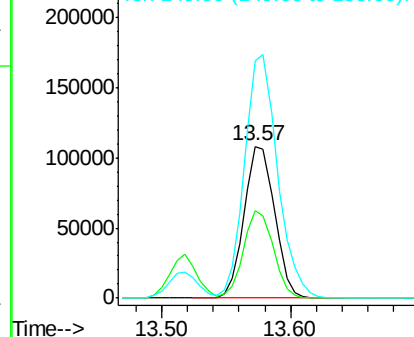
152 100

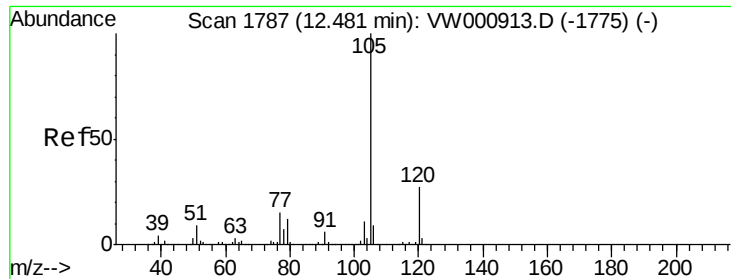
115 56.1 28.5 85.5

150 173.4 0.0 342.0



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





#73

Isopropylbenzene

Concen: 55.02 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

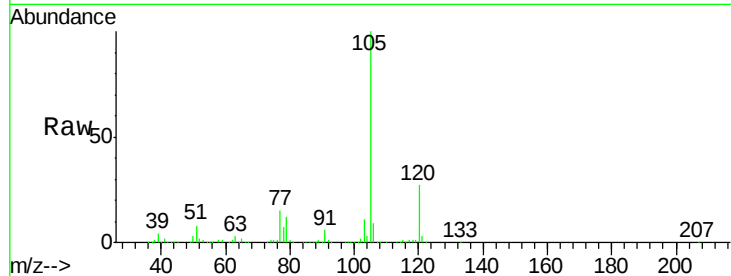
VSTDCCC050

Tgt Ion: 105 Resp: 629041

Ion Ratio Lower Upper

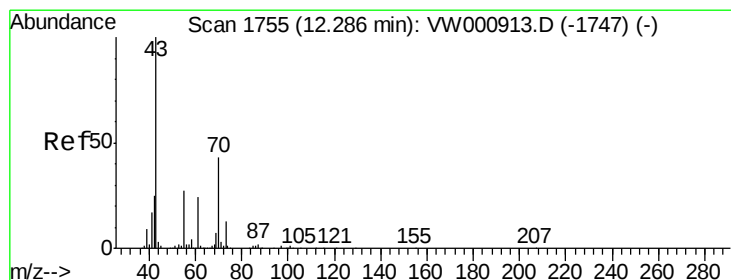
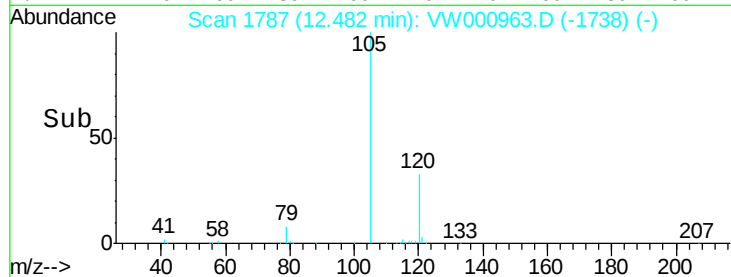
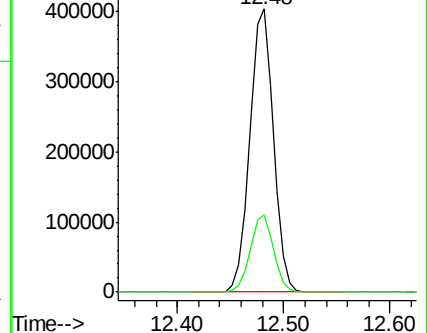
105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.25 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Tgt Ion: 43 Resp: 156148

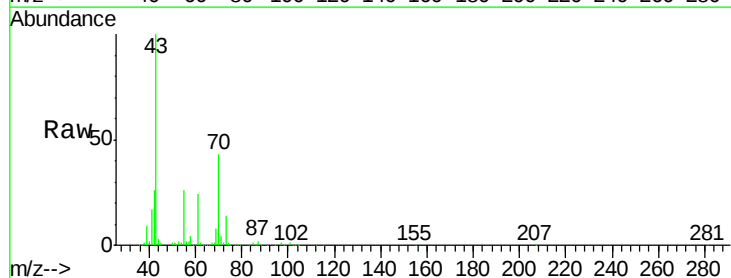
Ion Ratio Lower Upper

43 100

70 44.0 35.8 53.8

55 27.4 21.4 32.2

61 24.4 19.5 29.3

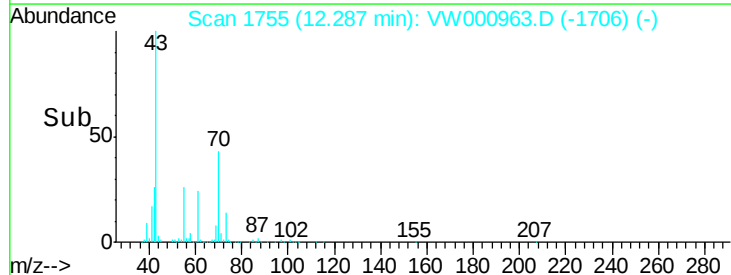
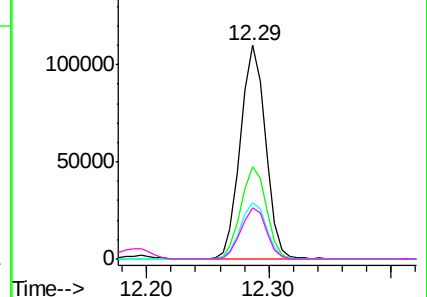


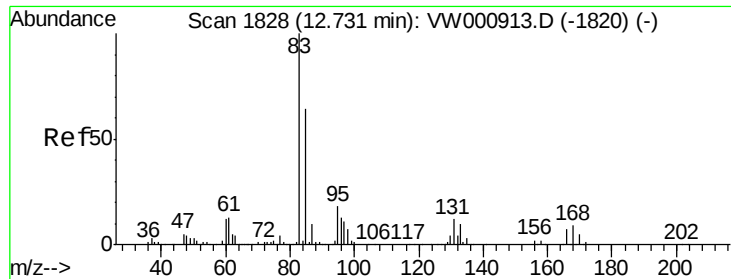
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 55.22 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

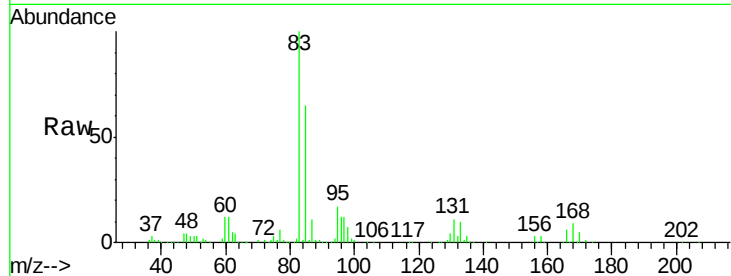
Tgt Ion: 83 Resp: 134945

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.7

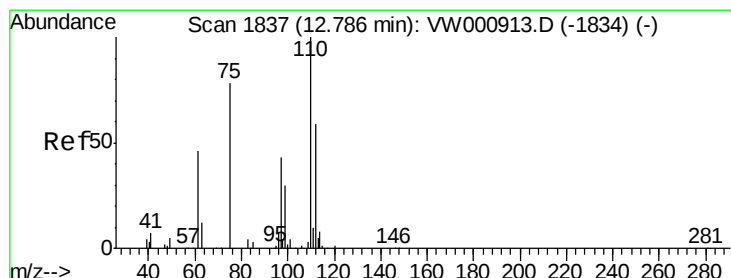
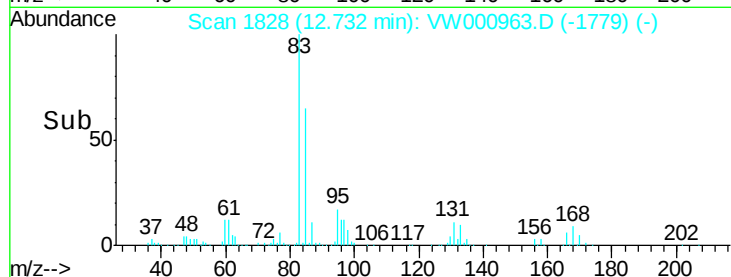
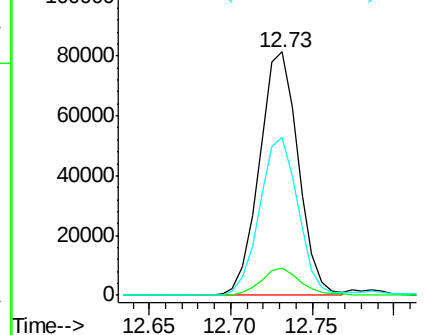
85 64.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 88.75 ug/l

RT: 12.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: VW000963.D

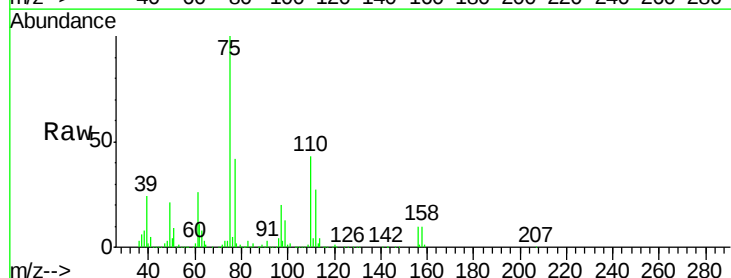
Acq: 24 Jan 2018 22:21

Tgt Ion: 75 Resp: 181707

Ion Ratio Lower Upper

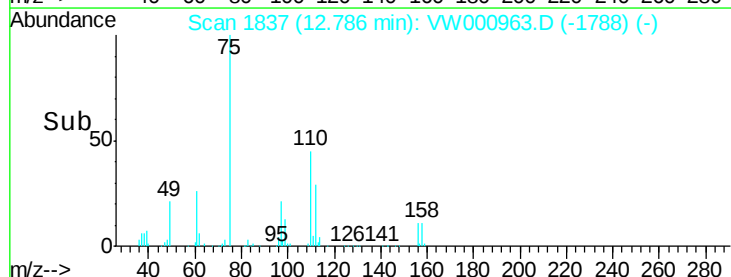
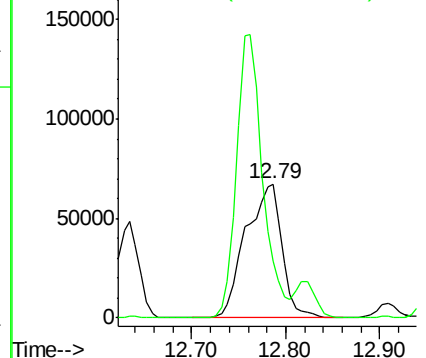
75 100

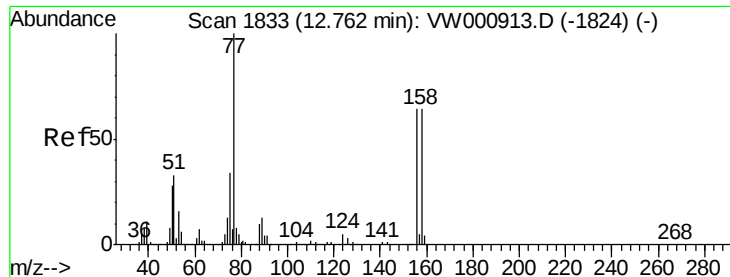
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.57 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

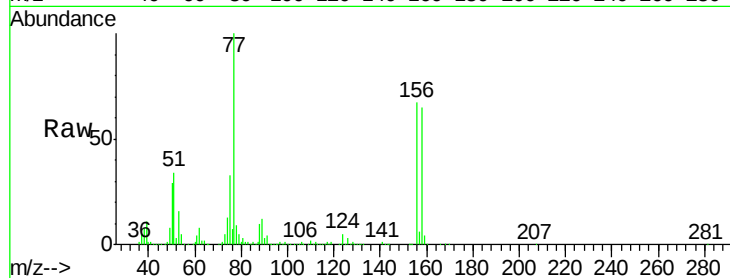
Tgt Ion:156 Resp: 155824

Ion Ratio Lower Upper

156 100

77 177.4 89.0 267.1

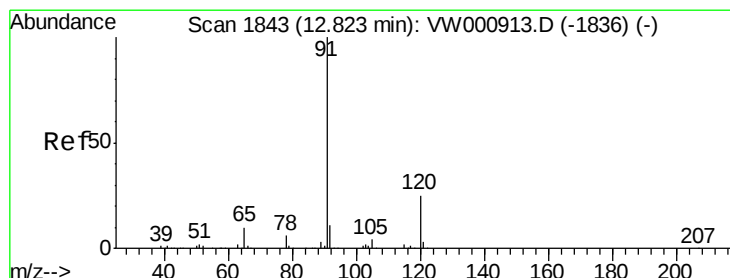
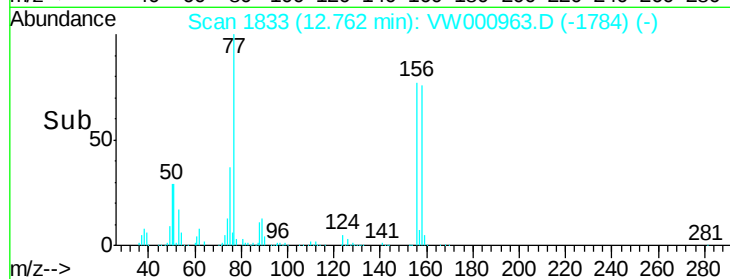
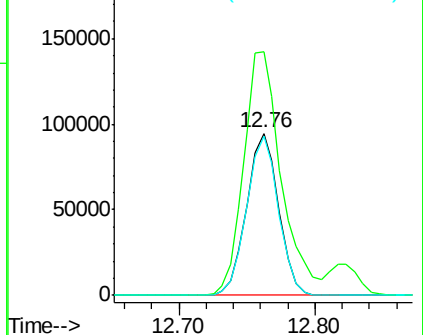
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.22 ug/l

RT: 12.82 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VW000963.D

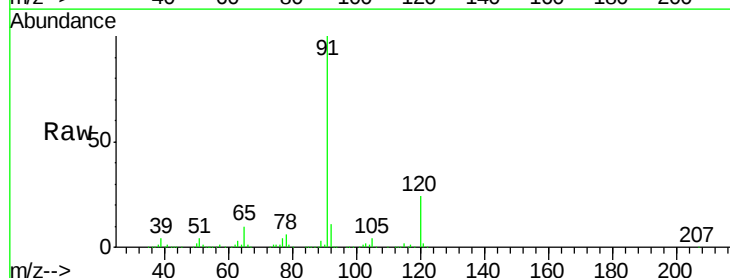
Acq: 24 Jan 2018 22:21

Tgt Ion: 91 Resp: 747936

Ion Ratio Lower Upper

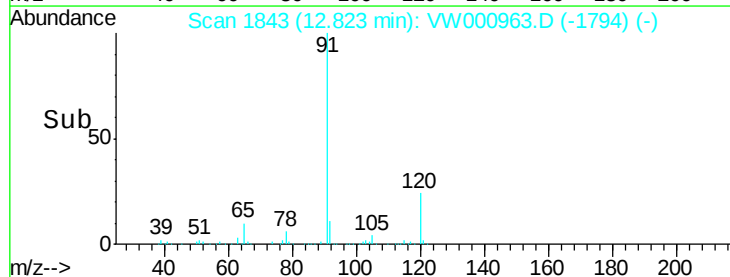
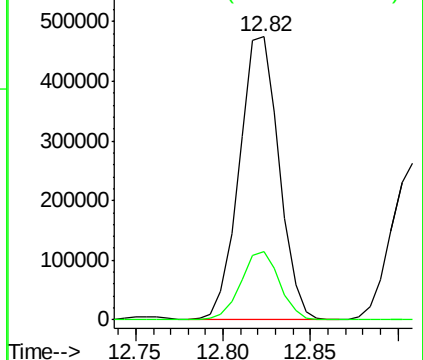
91 100

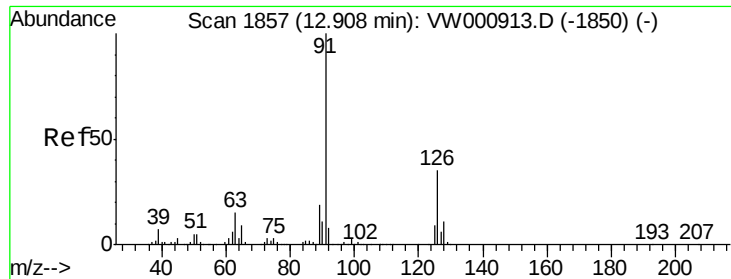
120 23.7 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.59 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

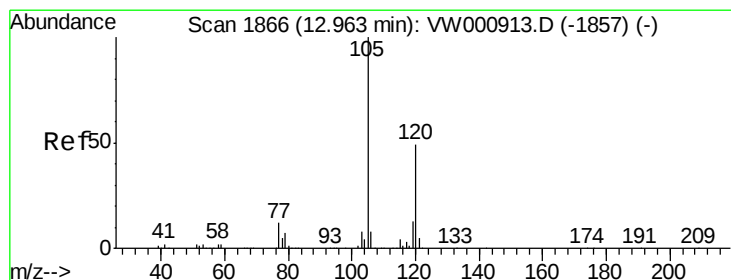
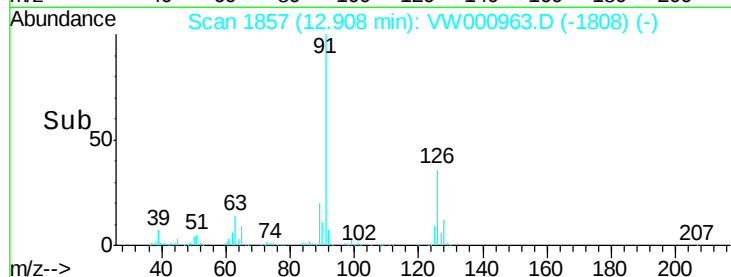
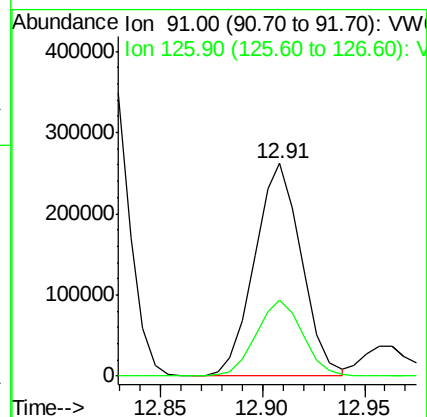
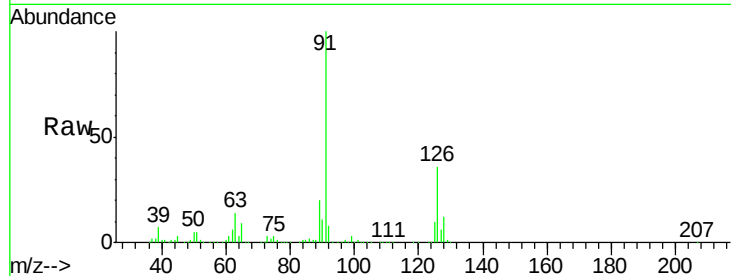
VSTDCCC050

Tgt Ion: 91 Resp: 416984

Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 54.60 ug/l

RT: 12.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VW000963.D

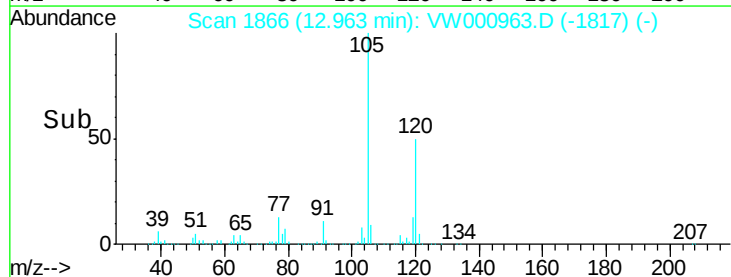
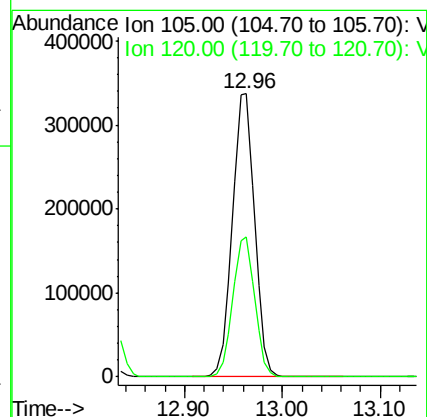
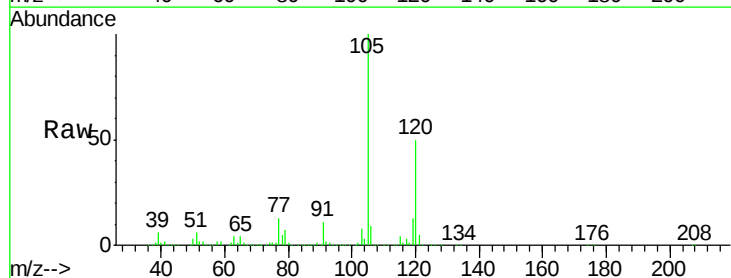
Acq: 24 Jan 2018 22:21

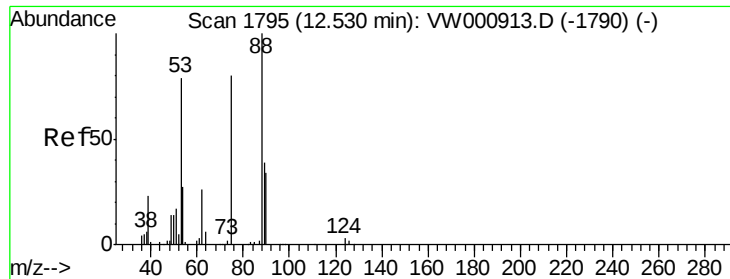
Tgt Ion: 105 Resp: 531015

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.9

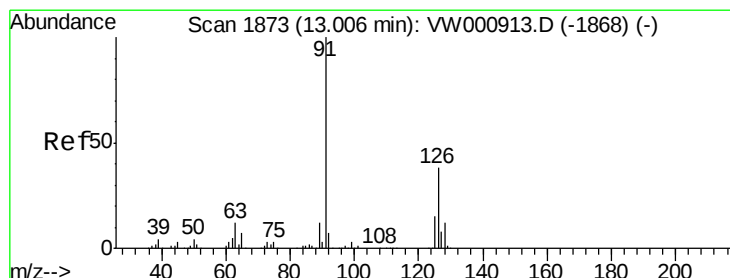
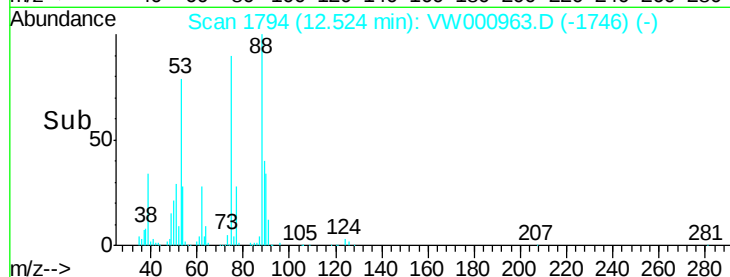
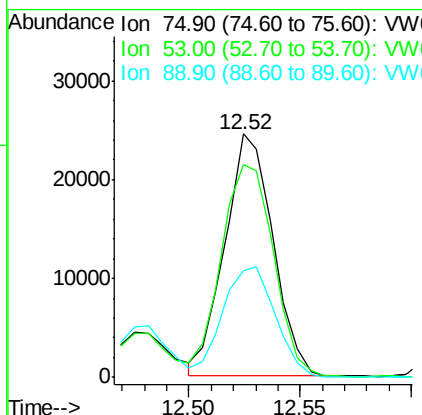
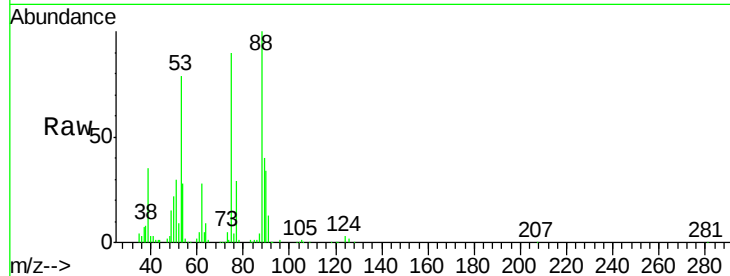




#81
trans-1,4-Dichloro-2-butene
Concen: 45.75 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

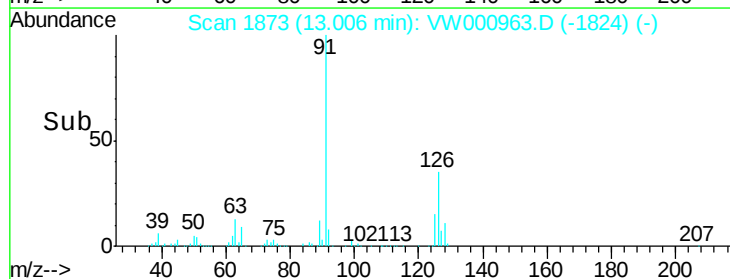
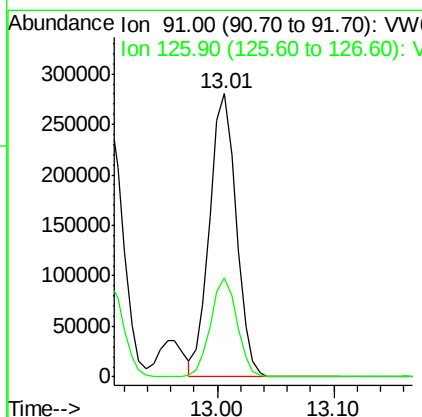
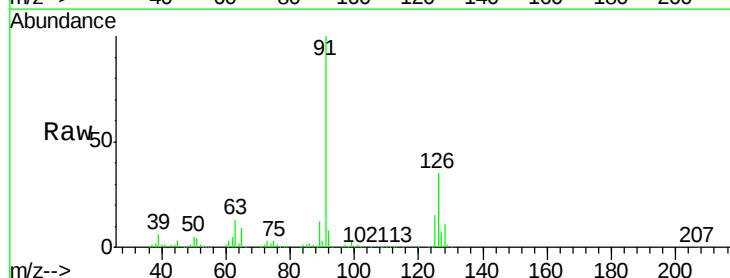
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

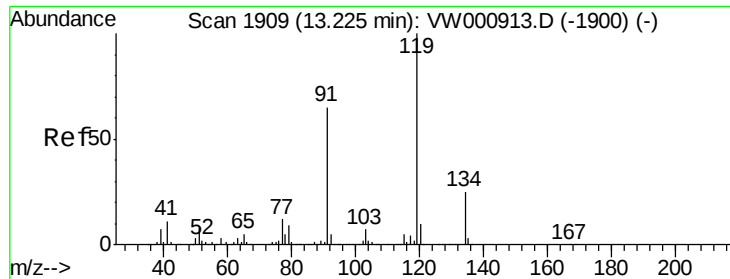
Tgt Ion: 75 Resp: 36996
Ion Ratio Lower Upper
75 100
53 94.9 77.5 116.3
89 50.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 53.38 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion: 91 Resp: 441264
Ion Ratio Lower Upper
91 100
126 34.6 17.6 52.9

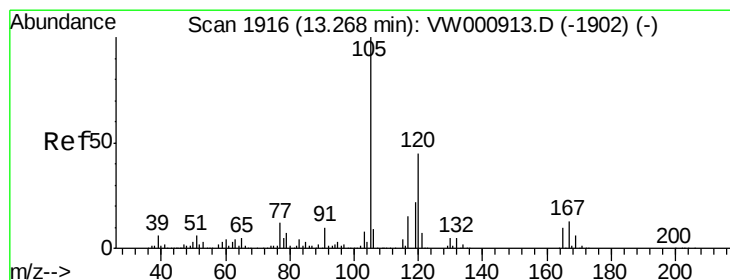
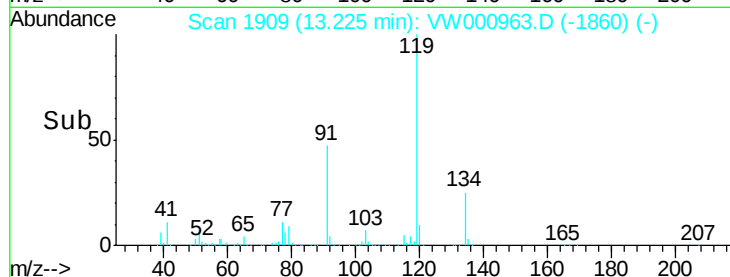
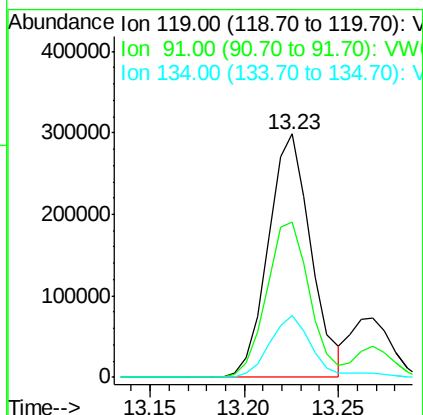
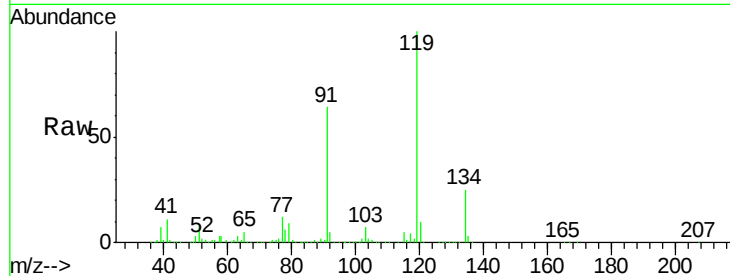




#83
 tert-Butylbenzene
 Concen: 54.95 ug/l
 RT: 13.23 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

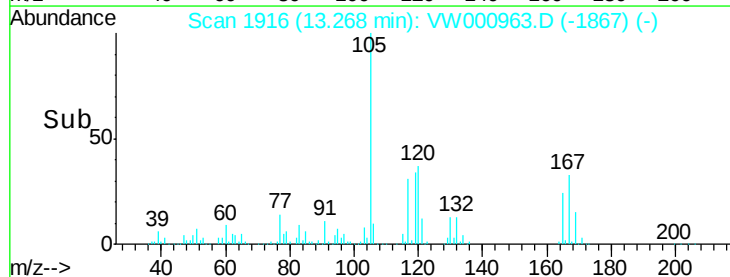
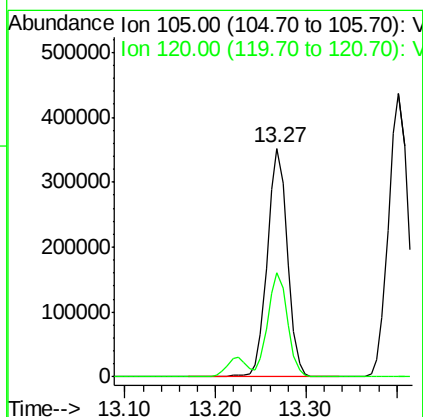
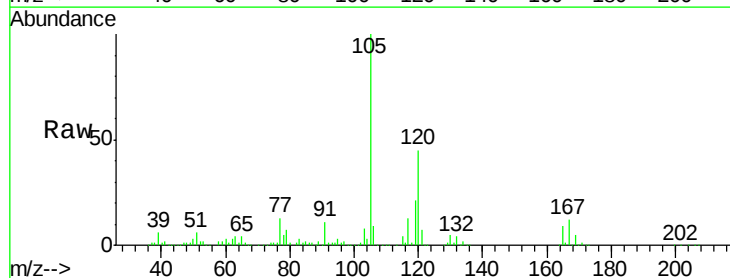
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

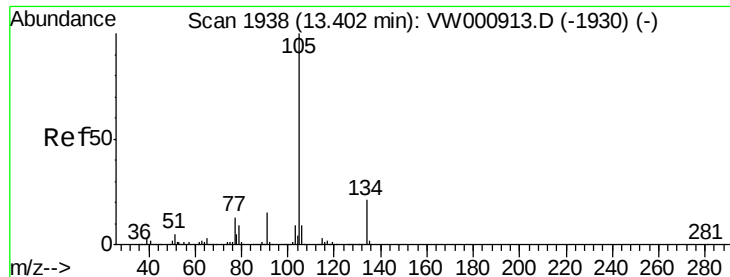
Tgt Ion:119 Resp: 468302
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.4 97.0
 134 25.7 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.81 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion:105 Resp: 539137
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.0

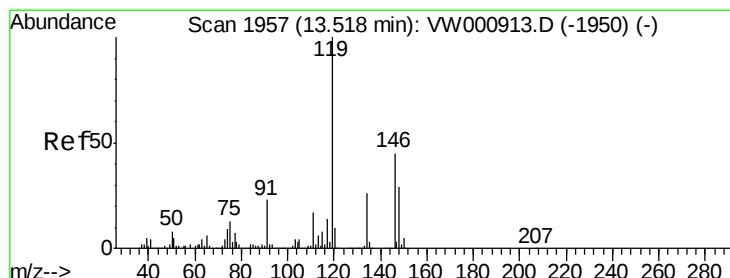
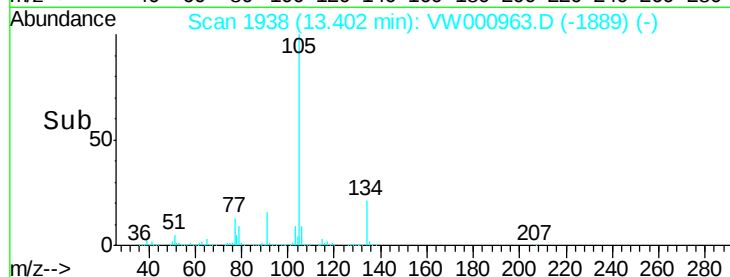
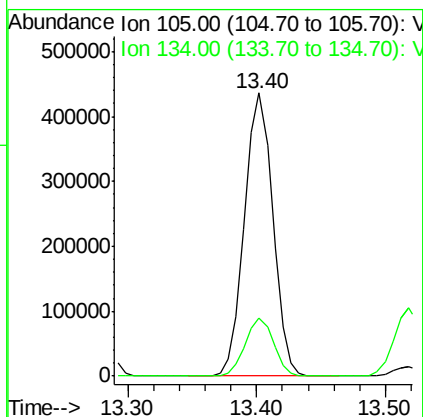
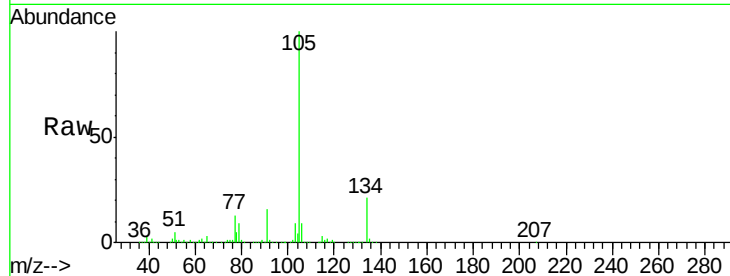




#85
 sec-Butylbenzene
 Concen: 53.97 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

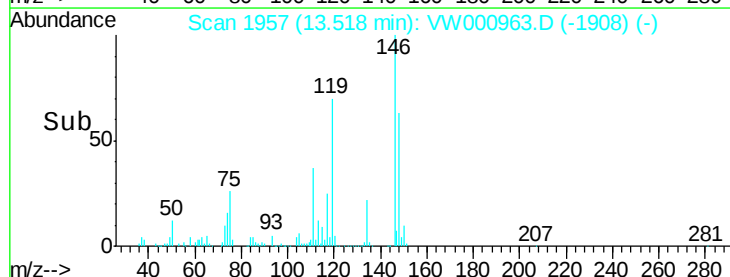
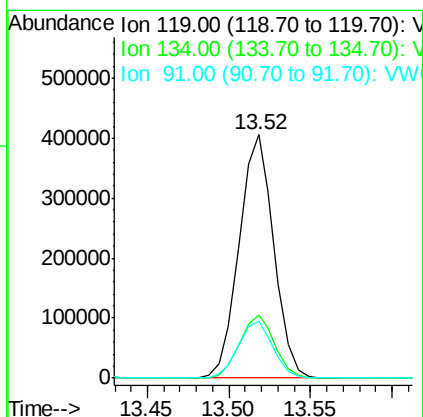
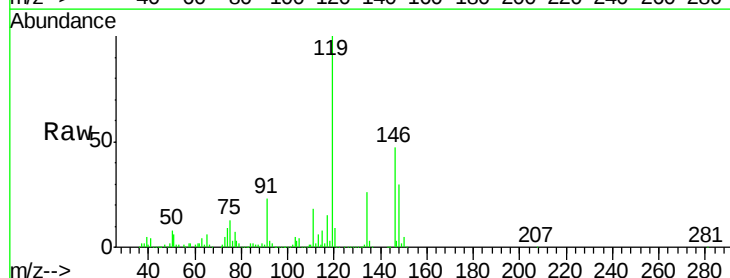
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

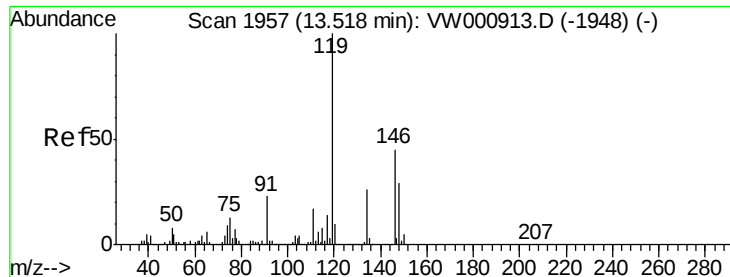
Tgt Ion:105 Resp: 663705
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 54.73 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion:119 Resp: 597028
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 23.5 11.7 35.0

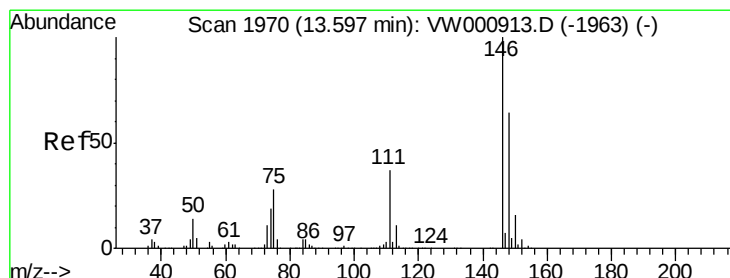
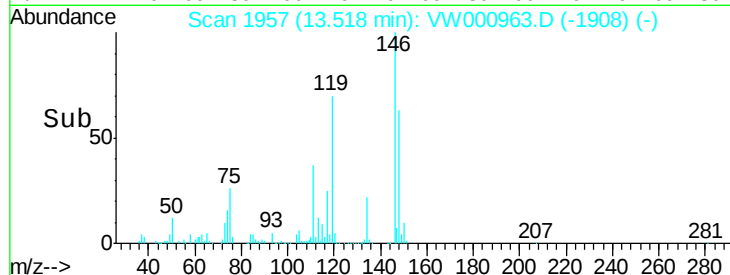
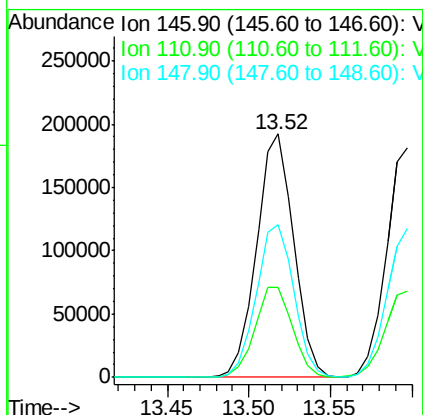
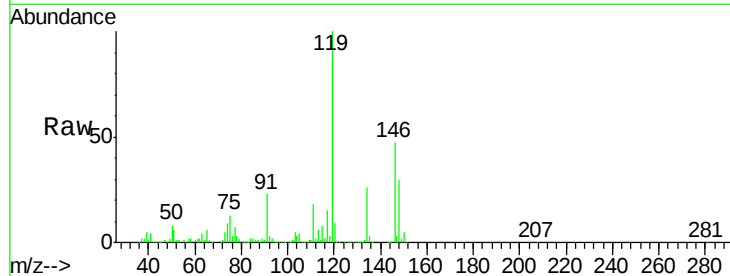




#87
 1,3-Dichlorobenzene
 Concen: 52.72 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

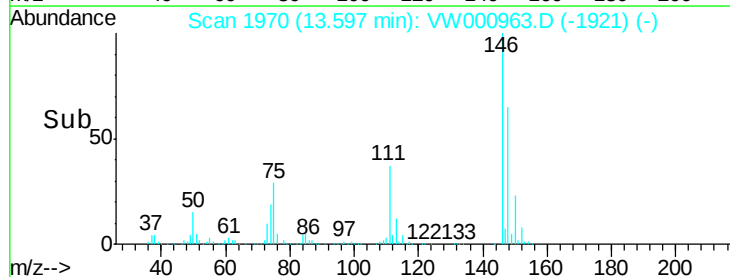
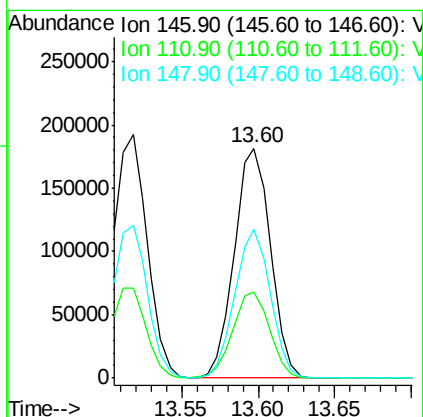
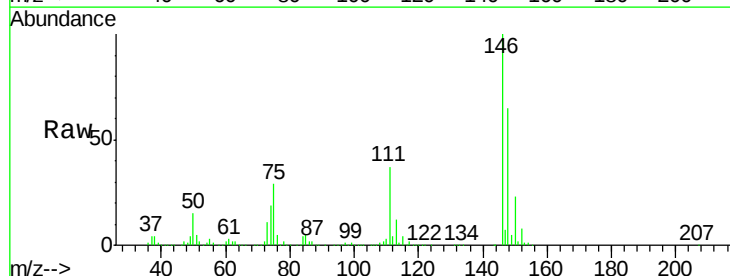
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

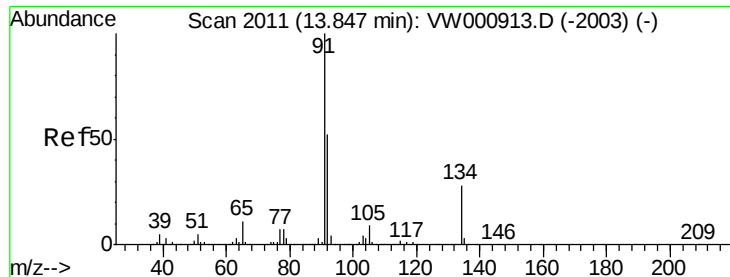
Tgt Ion:146 Resp: 304162
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.7 59.0
 148 63.5 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 51.77 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion:146 Resp: 298672
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 53.94 ug/l

RT: 13.84 min Scan# 2010

Delta R.T. -0.01 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

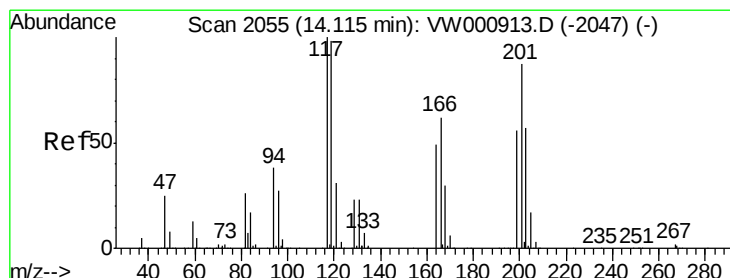
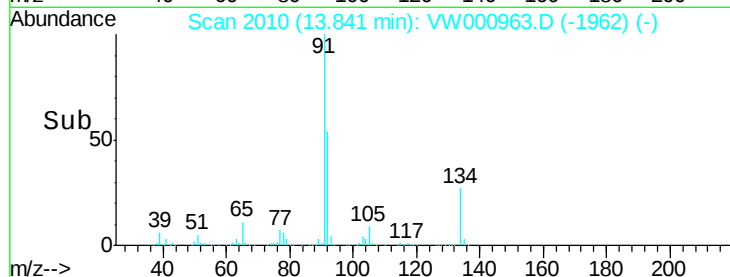
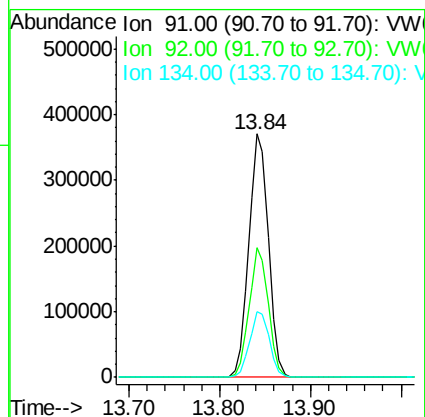
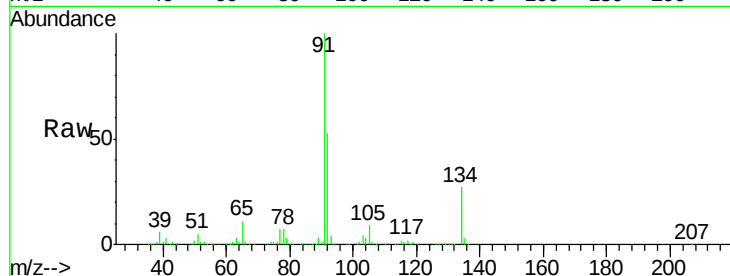
Tgt Ion: 91 Resp: 552692

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.6

134 27.2 13.7 41.1



#90

Hexachloroethane

Concen: 52.77 ug/l

RT: 14.12 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VW000963.D

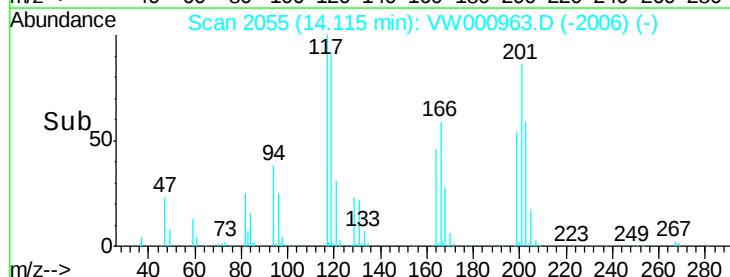
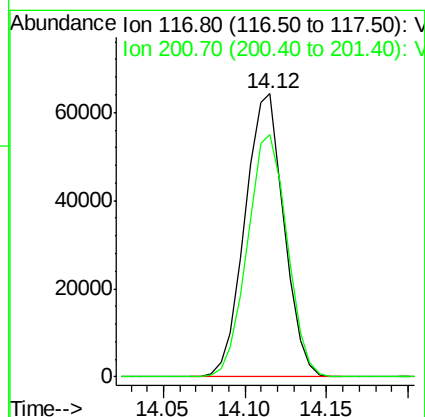
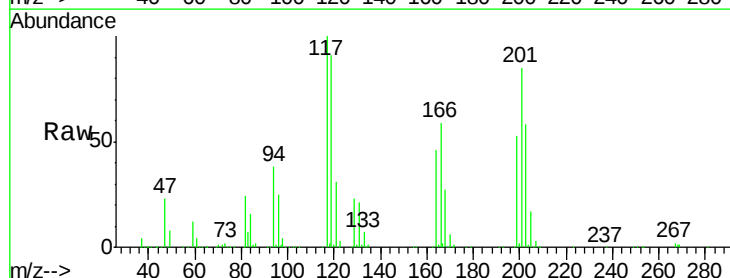
Acq: 24 Jan 2018 22:21

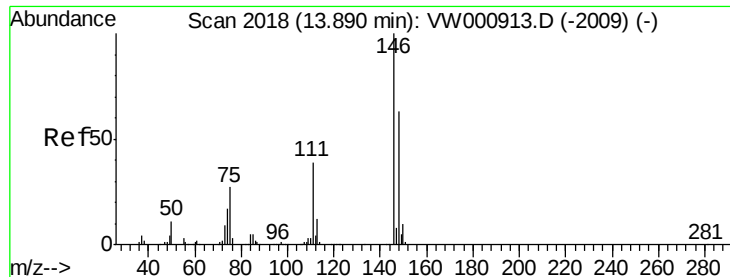
Tgt Ion: 117 Resp: 106993

Ion Ratio Lower Upper

117 100

201 87.1 42.8 128.3





#91

1,2-Dichlorobenzene

Concen: 53.25 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

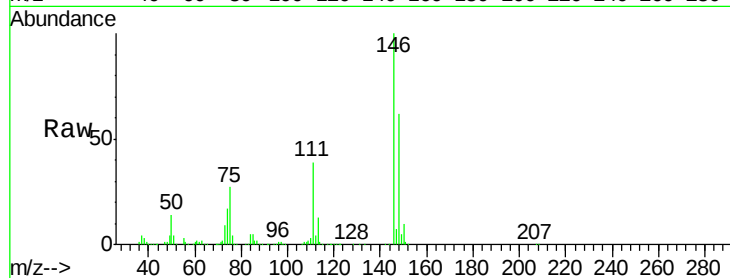
Tgt Ion:146 Resp: 276730

Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.4

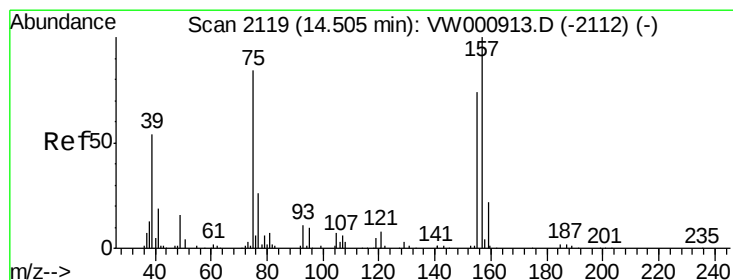
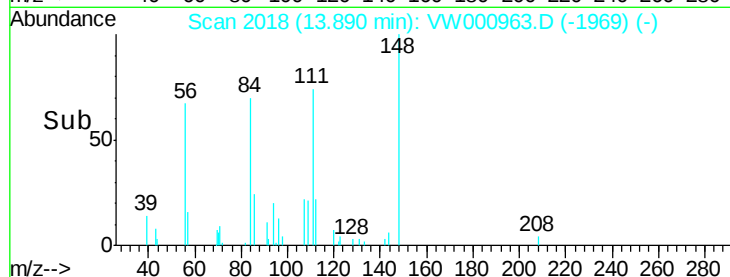
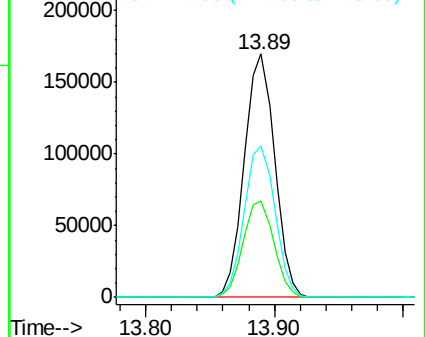
148 63.2 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.80 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VW000963.D

Acq: 24 Jan 2018 22:21

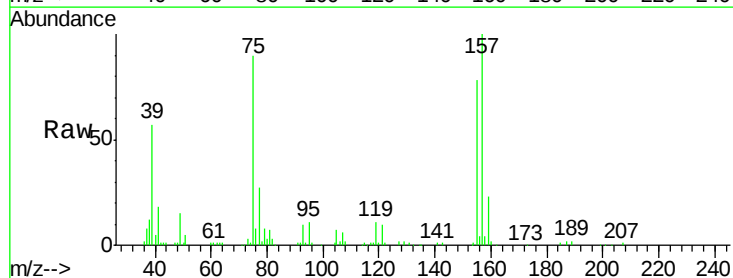
Tgt Ion: 75 Resp: 30091

Ion Ratio Lower Upper

75 100

155 90.0 45.9 137.6

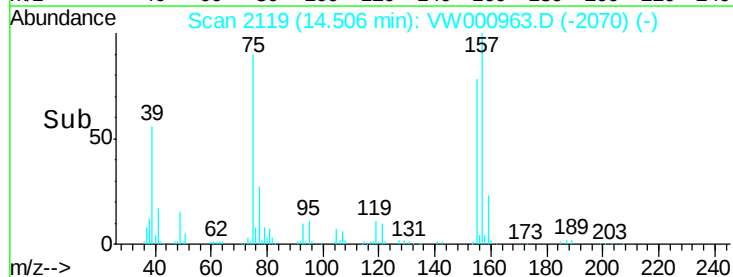
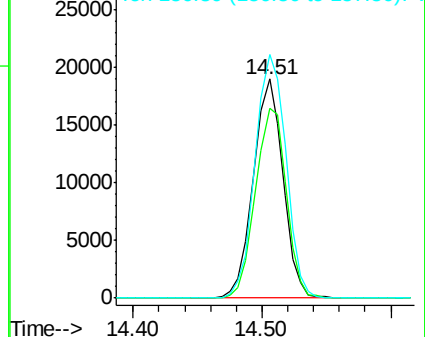
157 115.4 59.8 179.3

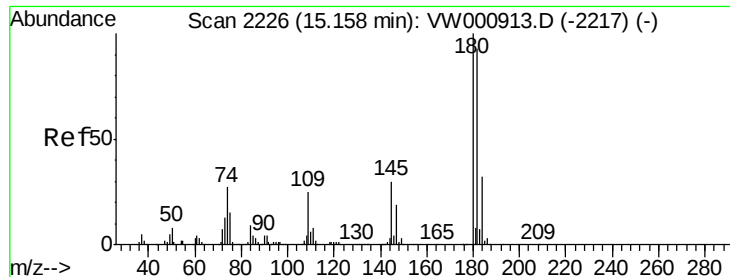


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

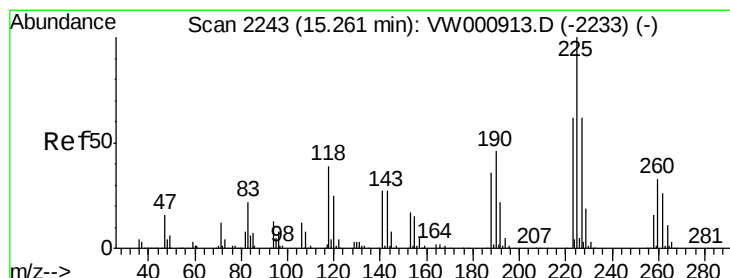
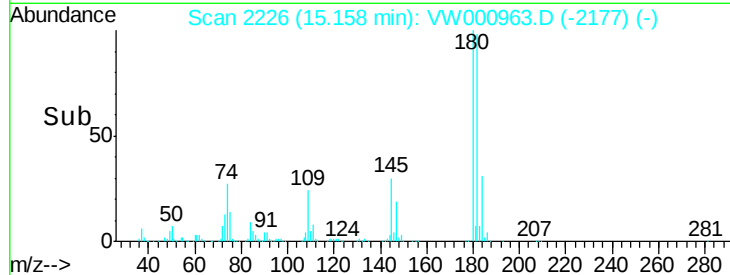
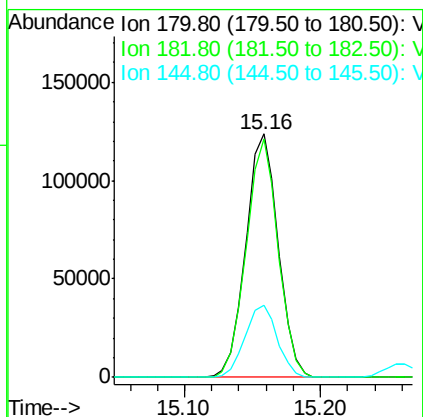
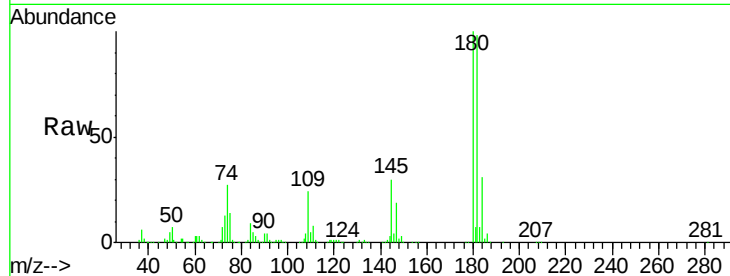




#93
 1,2,4-Trichlorobenzene
 Concen: 53.31 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

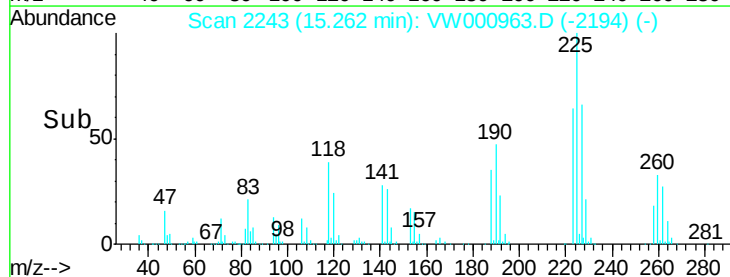
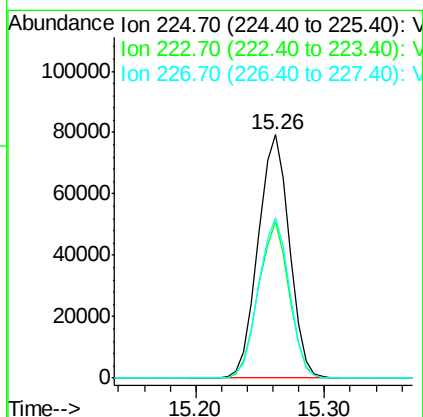
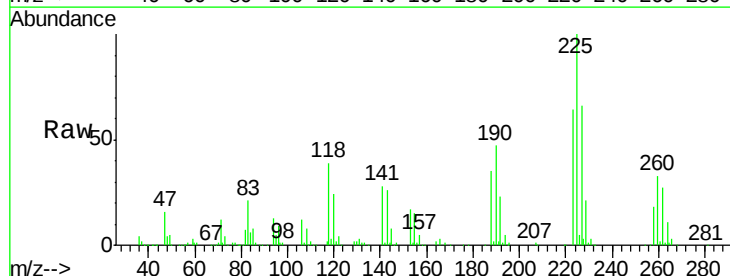
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

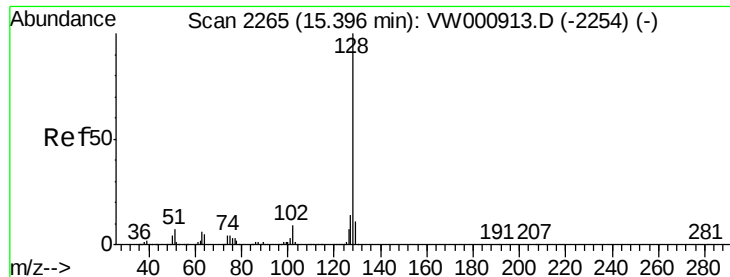
Tgt Ion:180 Resp: 206470
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.5 142.6
 145 29.7 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 54.18 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW000963.D
 Acq: 24 Jan 2018 22:21

Tgt Ion:225 Resp: 133036
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.8 31.8 95.3

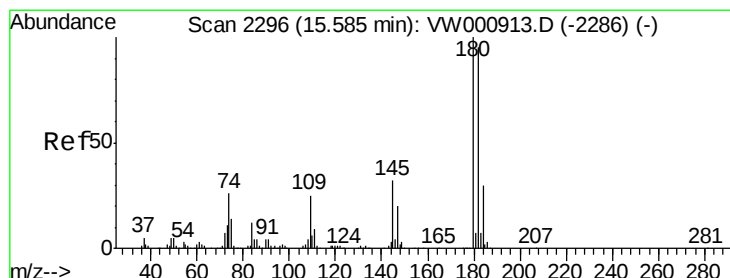
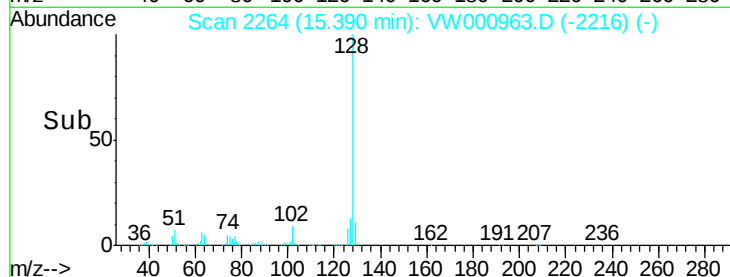
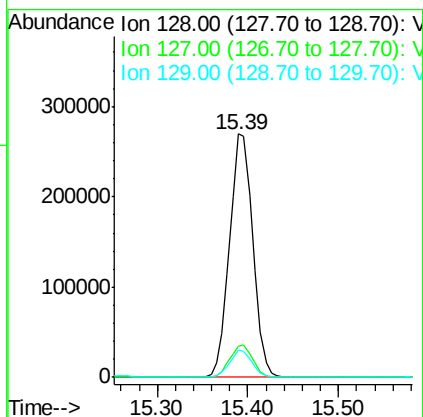
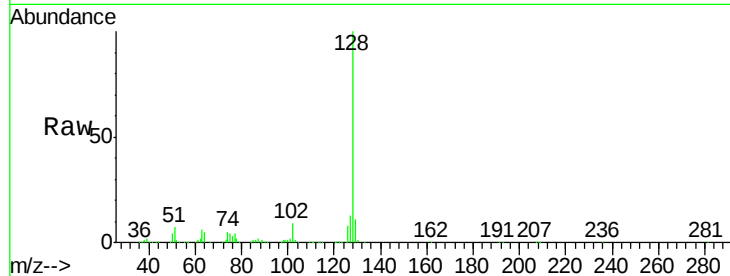




#95
Naphthalene
Concen: 58.79 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.01 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 480651
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.93 ug/l
RT: 15.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VW000963.D
Acq: 24 Jan 2018 22:21

Tgt Ion:180 Resp: 195708
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 31.8 15.8 47.3

