

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003868.D
 Acq On : 11 Jul 2018 13:03
 Operator : SY/AP
 Sample : VSTDCCC025 CHECK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025 CHECK

Quant Time: Jul 12 01:46:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170367	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140093	23544.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47088.96%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.33	98	401764	42.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.16%	
62) 4-Bromofluorobenzene	12.72	95	23162	6.78	ug/l	0.10
Spiked Amount	50.000		Recovery	=	13.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	43374	19601.104	ug/l 100
3) Chloromethane	2.21	50	87731	20883.358	ug/l 97
4) Vinyl Chloride	2.36	62	128476	23186.770	ug/l 100
5) Bromomethane	2.78	94	72492	18533.957	ug/l 95
6) Chloroethane	2.92	64	63989	19256.427	ug/l 99
7) Trichlorofluoromethane	3.25	101	55907	24976.415	ug/l 96
8) Diethyl Ether	3.68	74	462	201.395	ug/l 71
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86401	19848.163	ug/l 99
10) Methyl Iodide	4.28	142	982	151.554	ug/l # 88
11) Tert butyl alcohol	5.20	59	869	2694.944	ug/l # 70
12) 1,1-Dichloroethene	4.03	96	85416	19983.956	ug/l # 87
13) Acrolein	3.97	56	26	54.257	ug/l # 14
14) Allyl chloride	4.67	41	1684	226.614	ug/l # 20
15) Acrylonitrile	5.42	53	3310	2881.344	ug/l # 15
16) Acetone	4.13	43	74019	71700.951	ug/l 98
17) Carbon Disulfide	4.37	76	335785	23962.780	ug/l 99
18) Methyl Acetate	4.67	43	77434	26604.917	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	218778	24770.554	ug/l 99
20) Methylene Chloride	4.90	84	180177	39251.036	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	111004	21937.122	ug/l 96
22) Diisopropyl ether	6.27	45	22	1.347	ug/l # 25
23) Vinyl Acetate	6.26	43	188	18.851	ug/l # 75
24) 1,1-Dichloroethane	6.21	63	212606	21516.989	ug/l 99
25) 2-Butanone	7.18	43	103144	63790.895	ug/l 100
26) 2,2-Dichloropropane	7.09	77	19450	3629.197	ug/l # 53
27) cis-1,2-Dichloroethene	7.17	96	125506	22429.445	ug/l 92
28) Bromochloromethane	7.51	49	104421	23722.740	ug/l 100
29) Tetrahydrofuran	7.55	42	918	883.189	ug/l # 59
30) Chloroform	7.67	83	221511	21976.291	ug/l 98
31) Cyclohexane	7.95	56	192020	22115.096	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	171665	22377.284	ug/l 100
37) Ethyl Acetate	7.18	43	103144	56.685	ug/l # 1
38) Carbon Tetrachloride	8.07	117	164905	46.379	ug/l 99
39) Methylcyclohexane	9.34	83	212293	51.833	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003868.D
 Acq On : 11 Jul 2018 13:03
 Operator : SY/AP
 Sample : VSTDCCC025 CHECK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025 CHECK

Quant Time: Jul 12 01:46:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

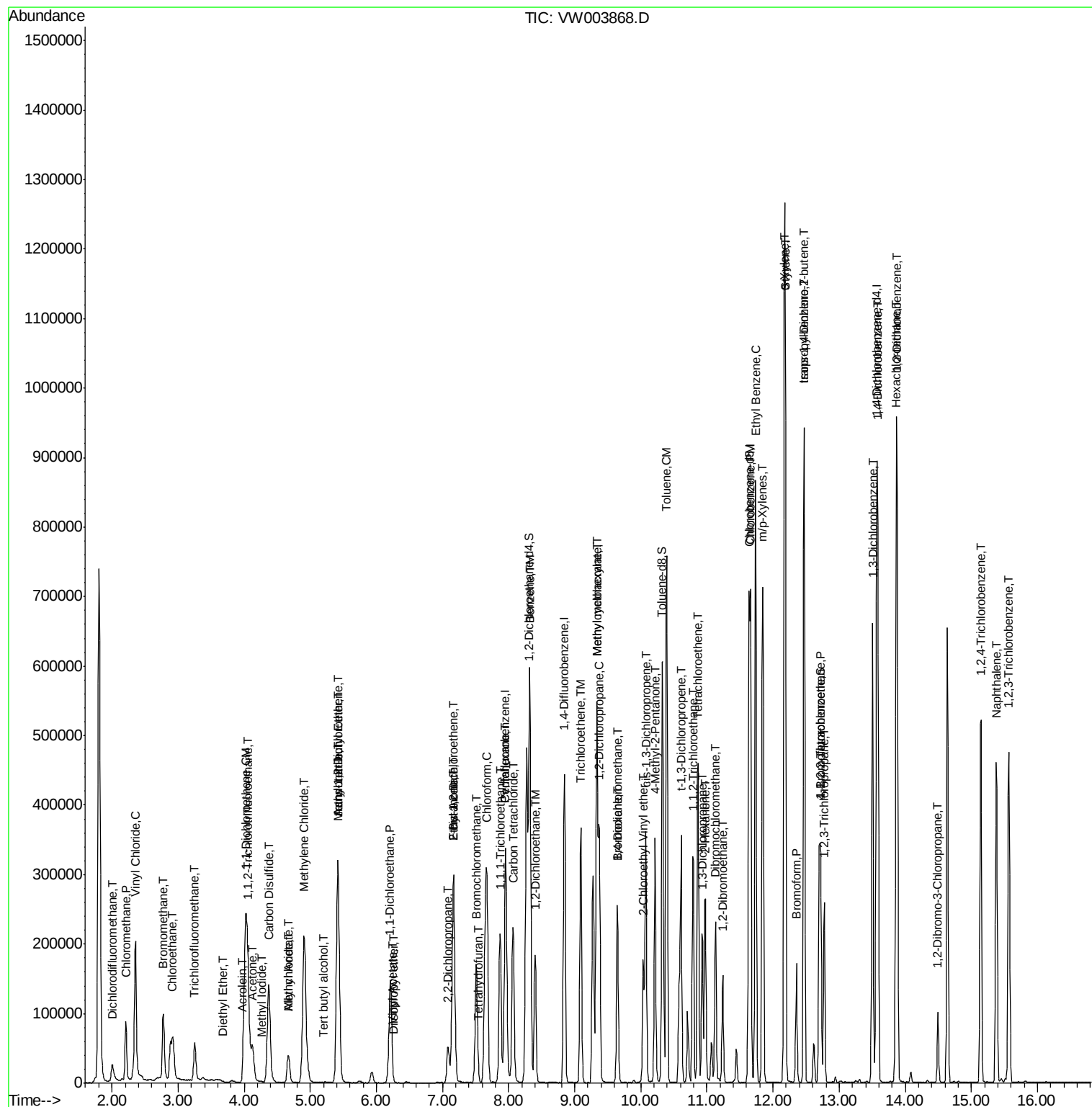
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	489757	45.810	ug/l	98
42) 1,2-Dichloroethane	8.40	62	168956	48.830	ug/l	100
44) Trichloroethene	9.09	130	124841	46.319	ug/l	99
45) 1,2-Dichloropropane	9.37	63	131978	47.477	ug/l	99
47) Bromodichloromethane	9.65	83	165981	46.159	ug/l	99
48) Methyl methacrylate	9.34	41	110749	67.432	ug/l #	74
49) 1,4-Dioxane	9.64	88	180	8.240	ug/l #	12
51) 4-Methyl-2-Pentanone	10.21	43	227026	127.216	ug/l	99
52) Toluene	10.39	92	303172	45.732	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	184893	51.498	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	199533	49.232	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101643	50.069	ug/l	95
57) 1,3-Dichloropropane	10.93	76	6850	1.936	ug/l #	48
58) 2-Chloroethyl Vinyl ether	10.04	63	2234	14.790	ug/l #	49
59) 2-Hexanone	10.97	43	184901	150.886	ug/l	96
60) Dibromochloromethane	11.13	129	119739	50.528	ug/l	99
61) 1,2-Dibromoethane	11.24	107	100331	51.680	ug/l	99
64) Tetrachloroethene	10.87	164	101533	40.759	ug/l	97
65) Chlorobenzene	11.66	112	341127	45.950	ug/l	98
67) Ethyl Benzene	11.74	91	600094	47.273	ug/l	99
68) m/p-Xylenes	11.84	106	223876	46.055	ug/l	99
69) o-Xylene	12.17	106	214363	47.791	ug/l	99
70) Styrene	12.19	104	380563	49.894	ug/l	99
71) Bromoform	12.35	173	76223	53.239	ug/l #	100
73) Isopropylbenzene	12.47	105	579812	50.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	140876	60.230	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101366	60.590	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	7213	10.547	ug/l #	71
87) 1,3-Dichlorobenzene	13.51	146	259809	44.769	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	275149	47.149	ug/l	100
90) Hexachloroethane	13.86	117	31493	15.251	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	254987	48.817	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24092	59.506	ug/l	99
93) 1,2,4-Trichlorobenzene	15.15	180	164074	46.407	ug/l	100
95) Naphthalene	15.38	128	379763	60.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	158867	50.183	ug/l	99

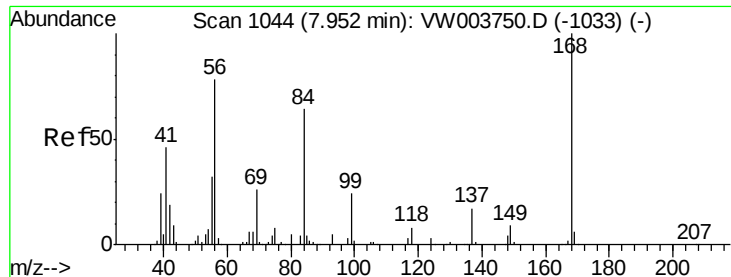
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003868.D
 Acq On : 11 Jul 2018 13:03
 Operator : SY/AP
 Sample : VSTDCCC025 CHECK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025 CHECK

Quant Time: Jul 12 01:46:31 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

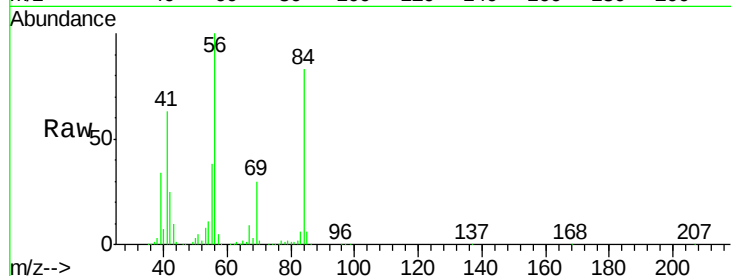
VSTDCCC025 CHECK

Tot Ion:168 Resp: 455

Ion Ratio Lower Upper

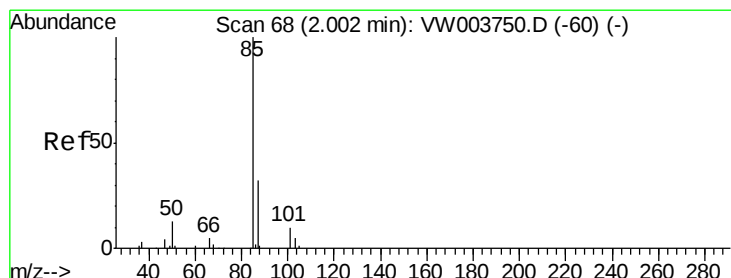
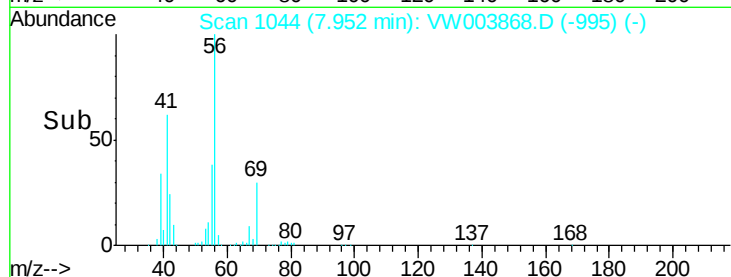
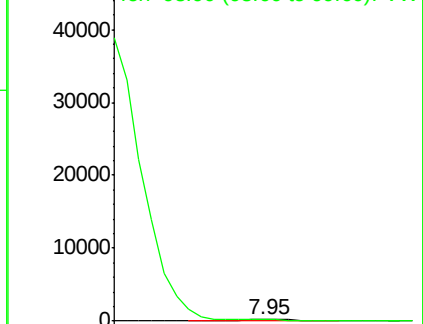
168 100

99 83.4 45.0 67.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19601.104 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003868.D

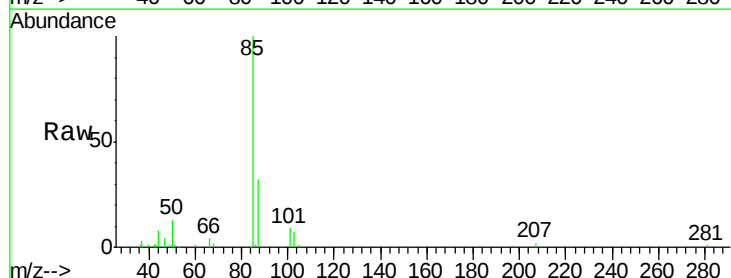
Acq: 11 Jul 2018 13:03

Tgt Ion: 85 Resp: 43374

Ion Ratio Lower Upper

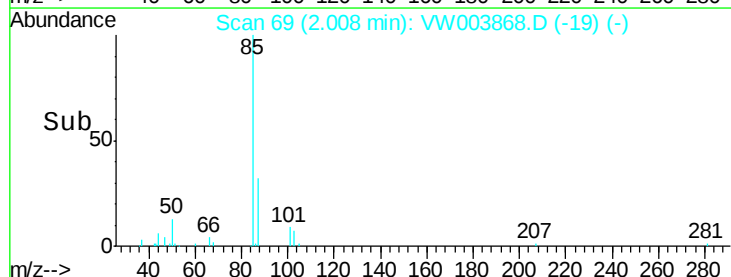
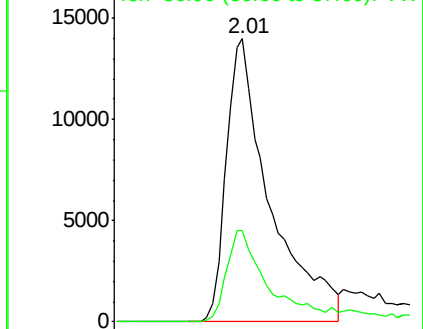
85 100

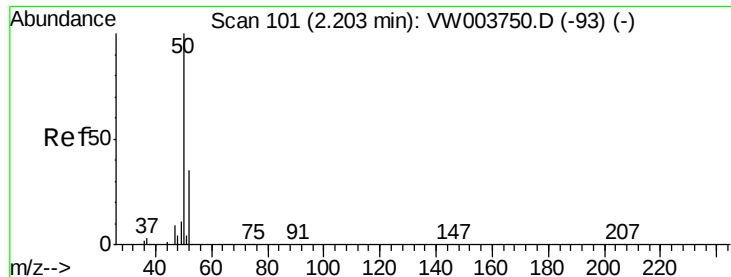
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20883.358 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

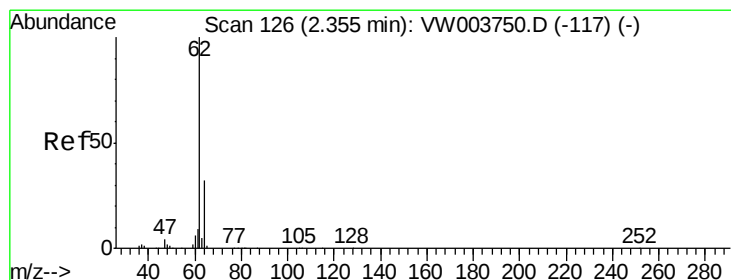
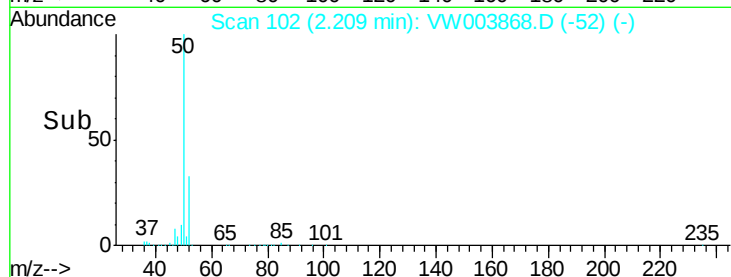
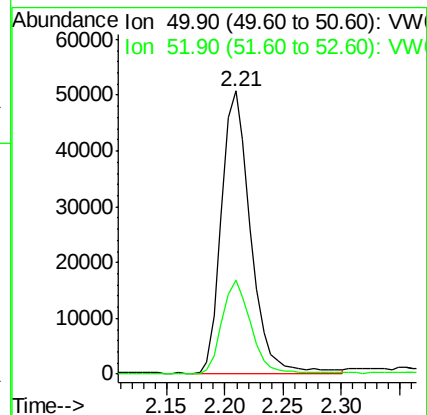
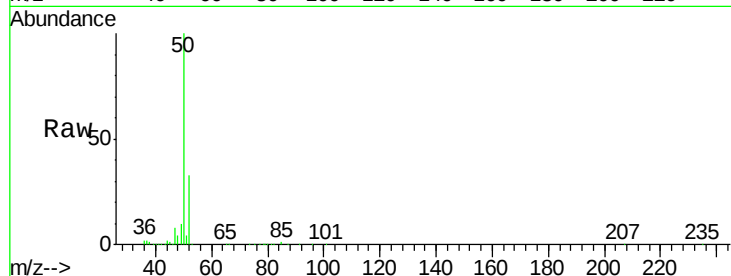
VSTDCCC025 CHECK

Tot Ion: 50 Resp: 87731

Ion Ratio Lower Upper

50 100

52 33.1 27.8 41.6



#4

Vinyl Chloride

Concen: 23186.770 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003868.D

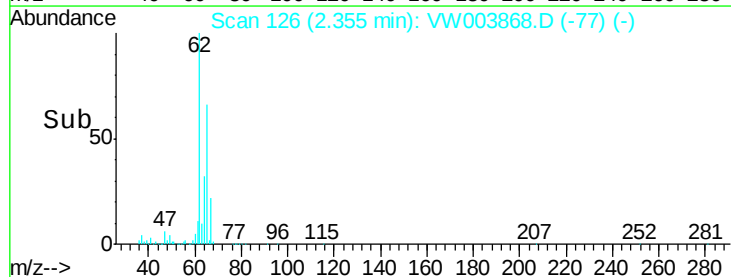
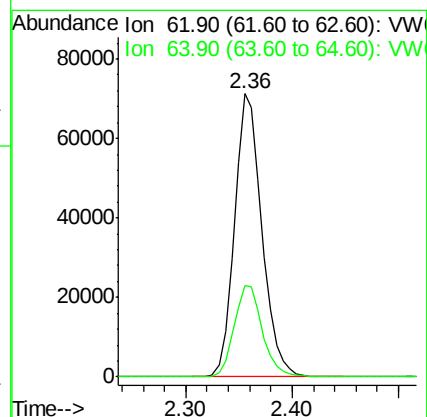
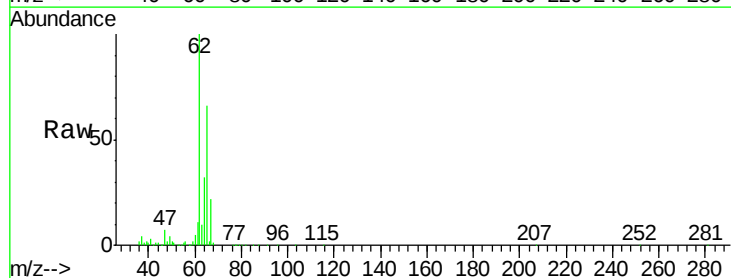
Acq: 11 Jul 2018 13:03

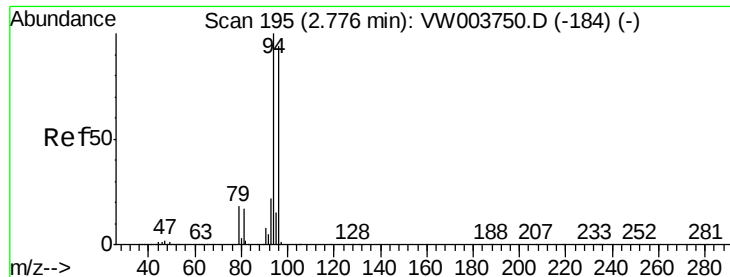
Tgt Ion: 62 Resp: 128476

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 18533.957 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

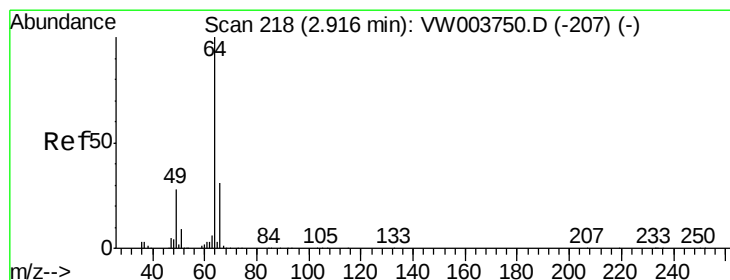
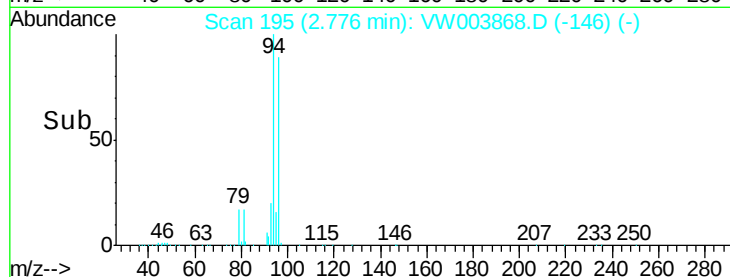
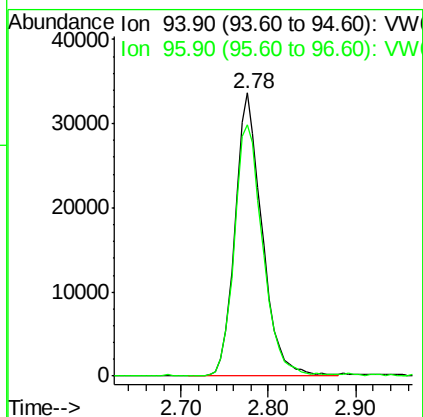
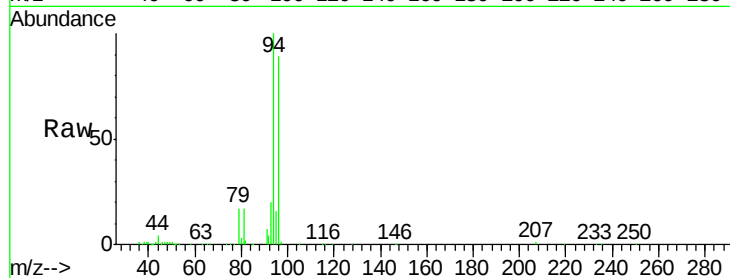
VSTDCCC025 CHECK

Tot Ion: 94 Resp: 72492

Ion Ratio Lower Upper

94 100

96 88.4 74.8 112.2



#6

Chloroethane

Concen: 19256.427 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003868.D

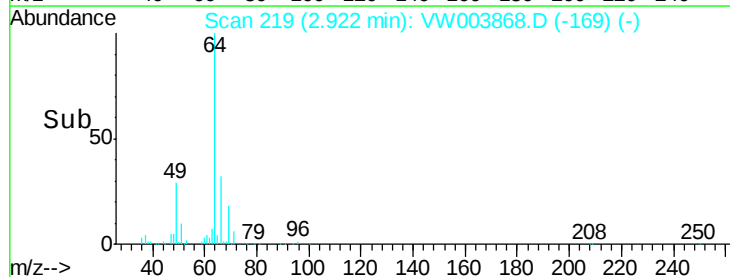
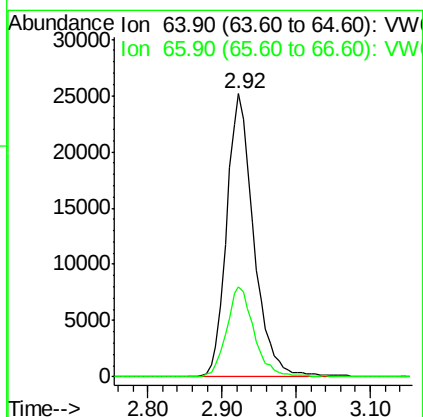
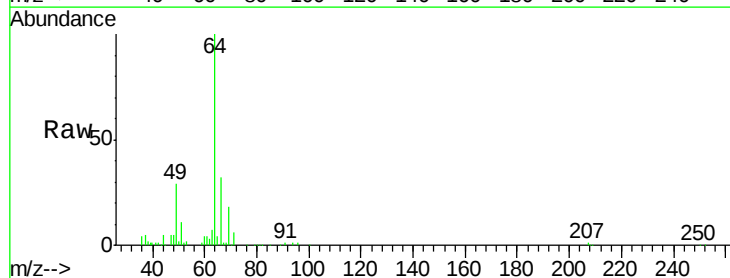
Acq: 11 Jul 2018 13:03

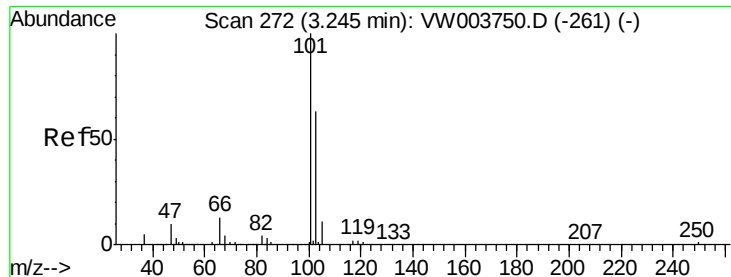
Tgt Ion: 64 Resp: 63989

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7



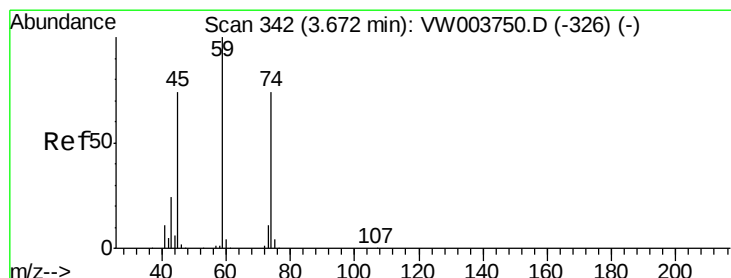
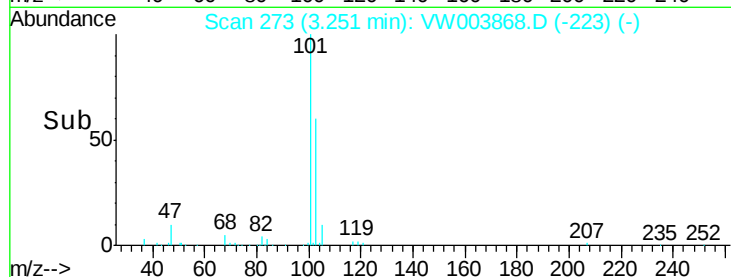
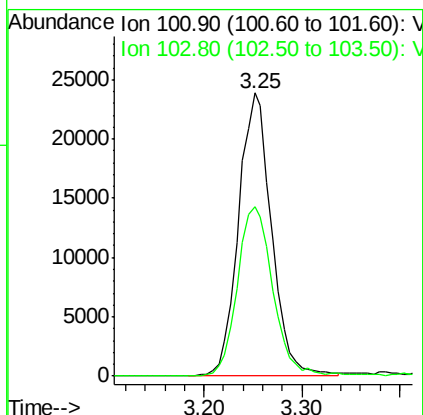
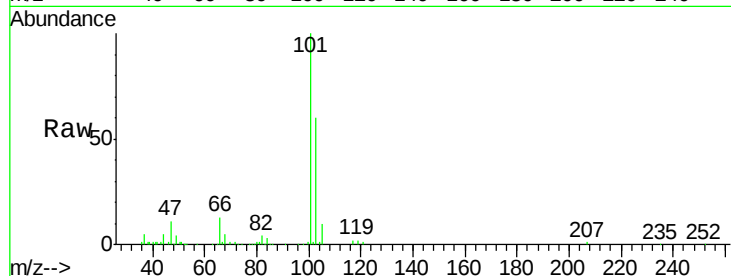


#7

Trichlorofluoromethane
Concen: 24976.415 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

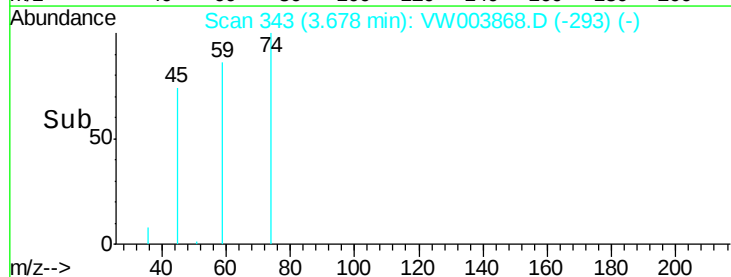
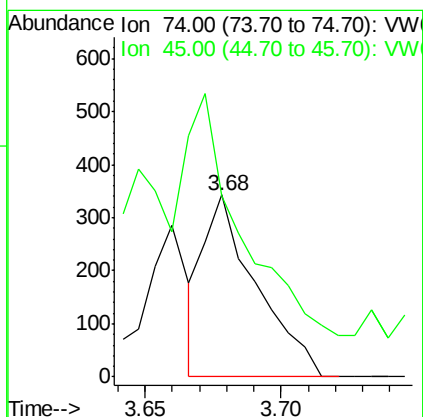
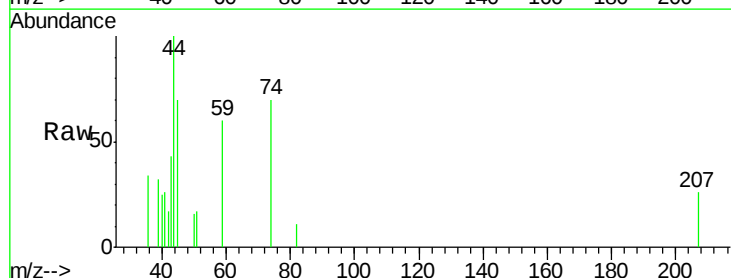
Tot Ion:101 Resp: 55907
Ion Ratio Lower Upper
101 100
103 59.9 50.7 76.1

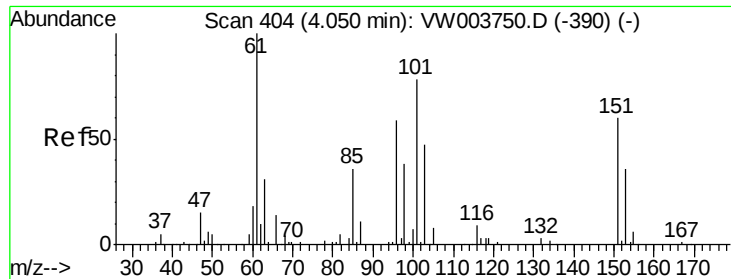


#8

Diethyl Ether
Concen: 201.395 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 74 Resp: 462
Ion Ratio Lower Upper
74 100
45 135.1 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19848.163 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

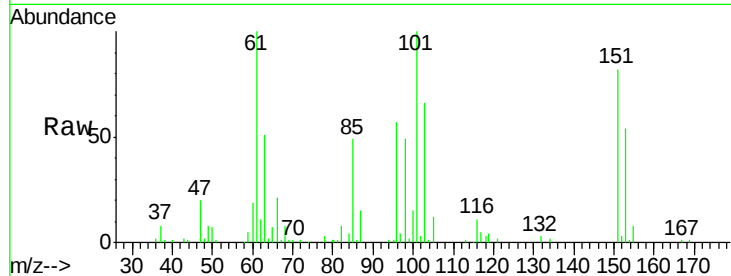
Tot Ion:101 Resp: 86401

Ion Ratio Lower Upper

101 100

85 45.5 37.1 55.7

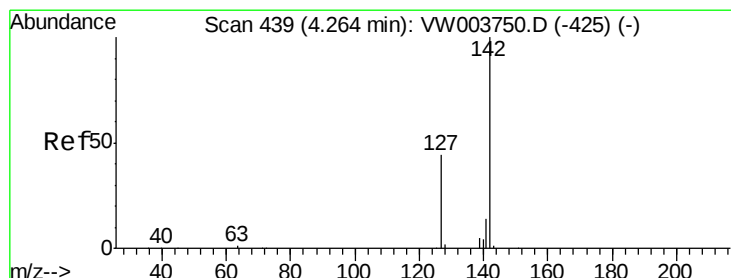
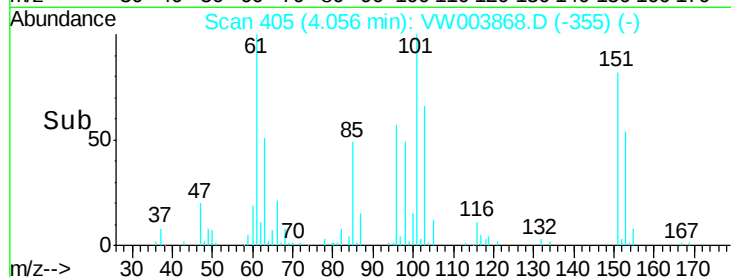
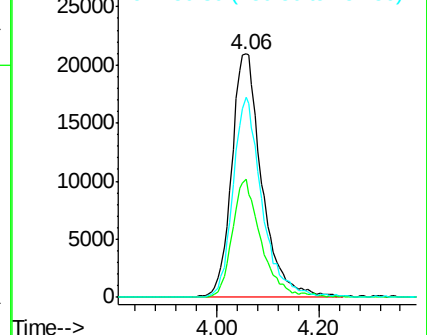
151 78.1 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 151.554 ug/l

RT: 4.28 min Scan# 441

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

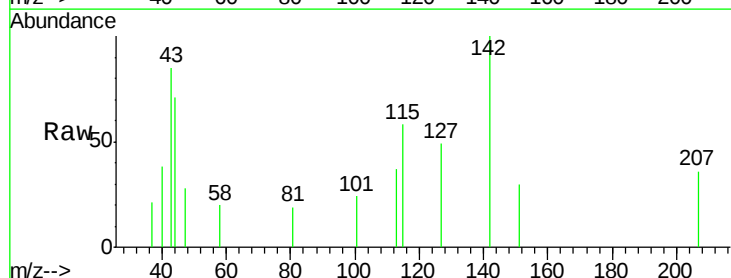
Tgt Ion:142 Resp: 982

Ion Ratio Lower Upper

142 100

127 39.9 36.1 54.1

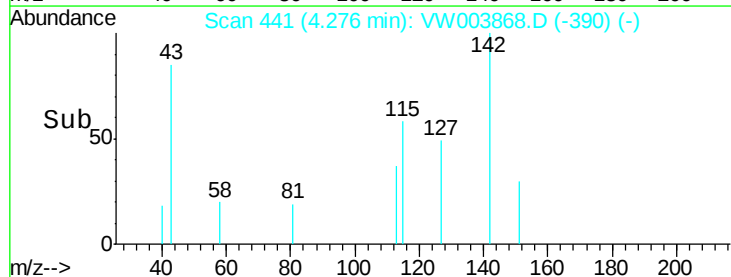
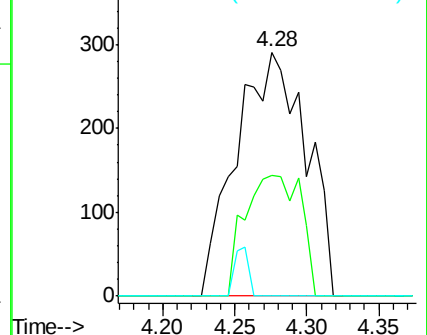
141 4.2 11.6 17.4#

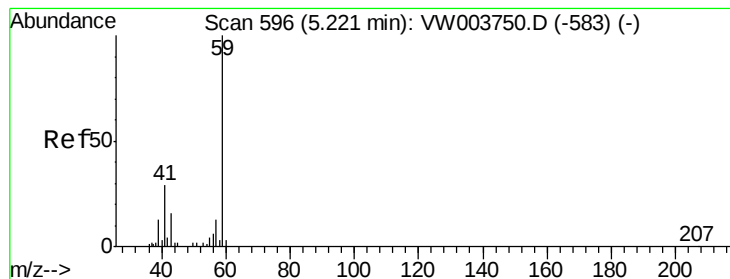


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



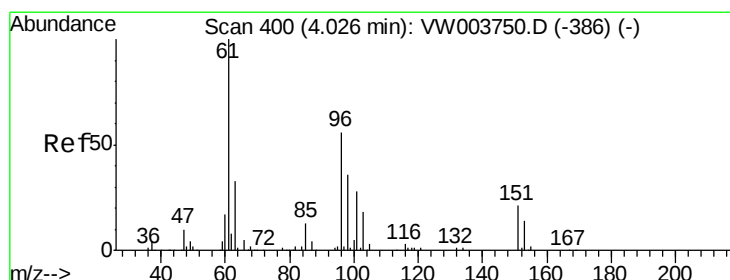
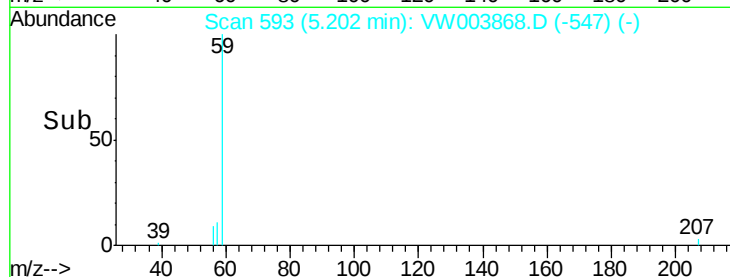
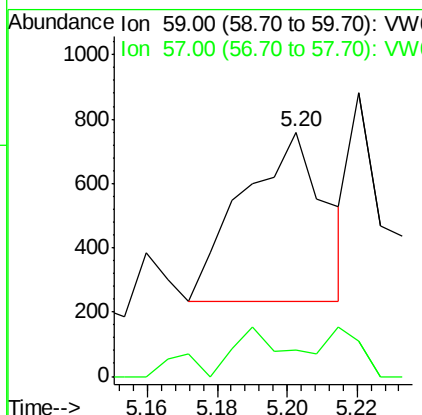
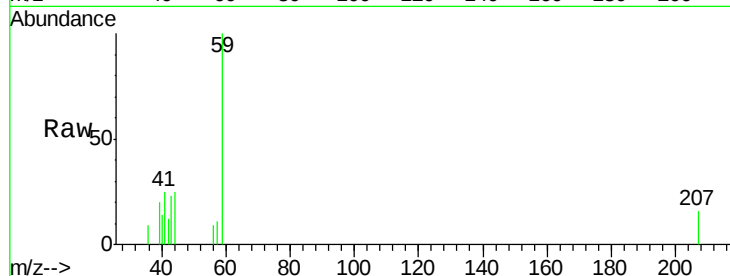


#11

Tert butyl alcohol
Concen: 2694.944 ug/l
RT: 5.20 min Scan# 593
Delta R.T. -0.02 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

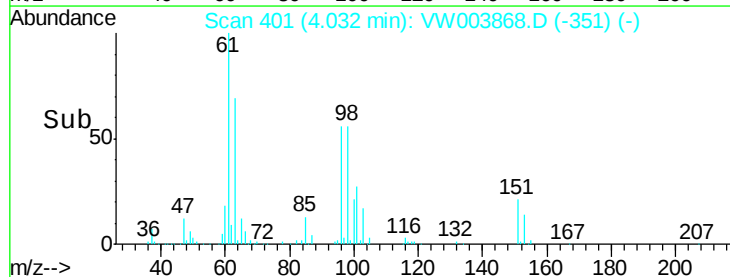
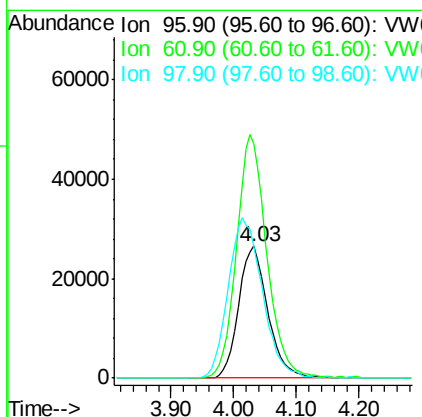
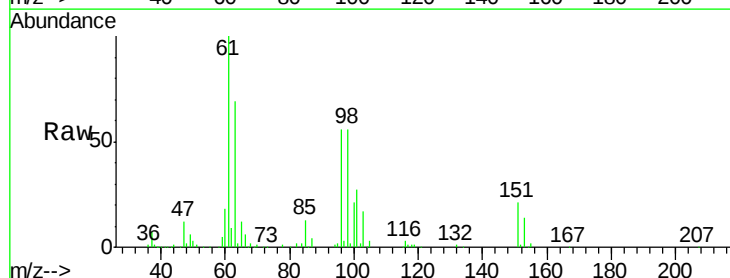
Tot Ion: 59 Resp: 869
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

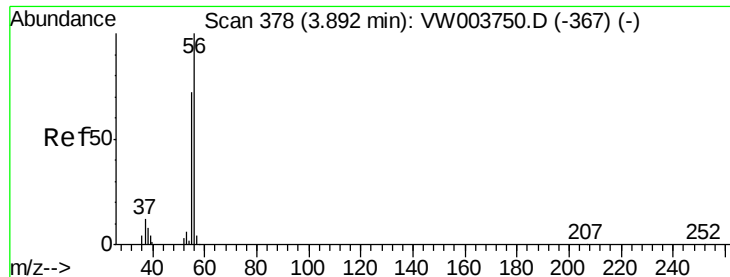


#12

1,1-Dichloroethene
Concen: 19983.956 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 96 Resp: 85416
Ion Ratio Lower Upper
96 100
61 177.8 143.2 214.8
98 100.3 51.4 77.0#





#13

Acrolein

Concen: 54.257 ug/l

RT: 3.97 min Scan# 391

Delta R.T. 0.08 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

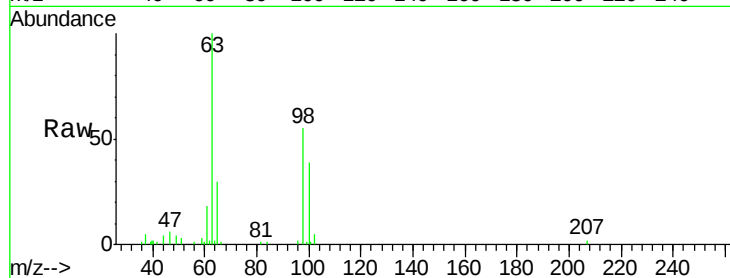
VSTDCCC025 CHECK

Tot Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.97

60

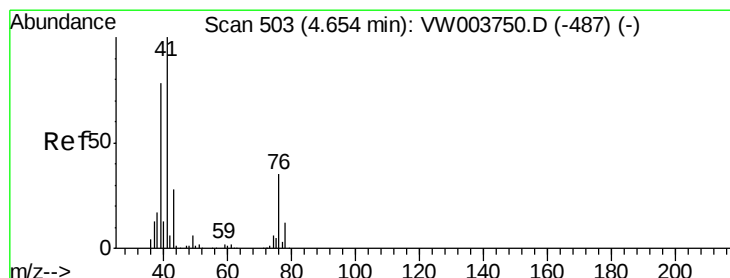
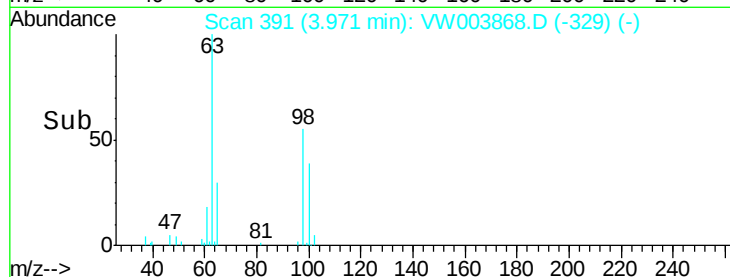
40

20

0

Time-->

3.95 3.96 3.97 3.98 3.99



#14

Allyl chloride

Concen: 226.614 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.02 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

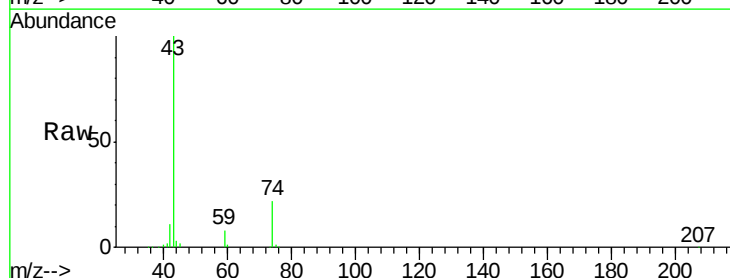
Tgt Ion: 41 Resp: 1684

Ion Ratio Lower Upper

41 100

39 0.0 60.9 91.3#

76 0.0 27.5 41.3#



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

600

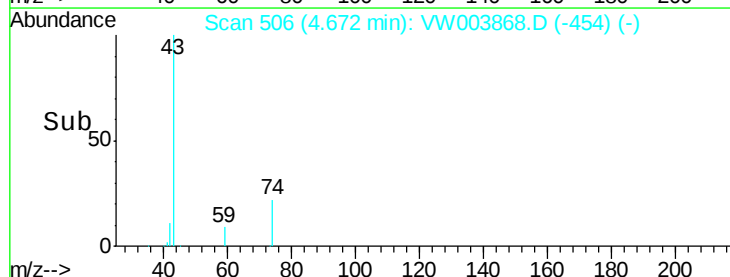
400

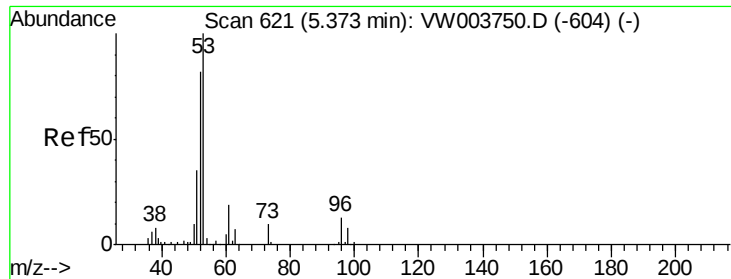
200

0

Time-->

4.60 4.65 4.70 4.75





#15

Acrylonitrile

Concen: 2881.344 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.04 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

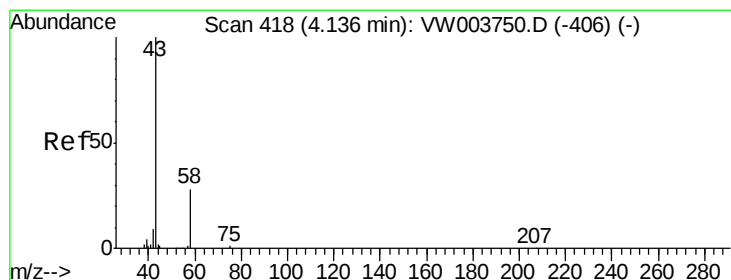
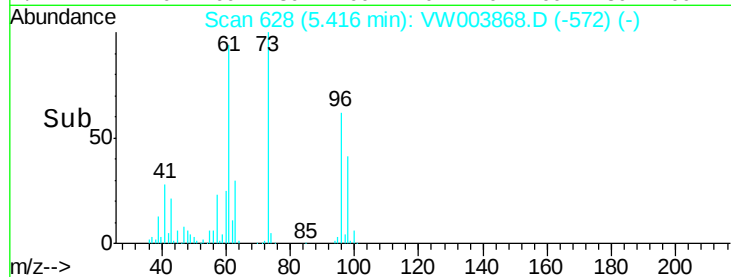
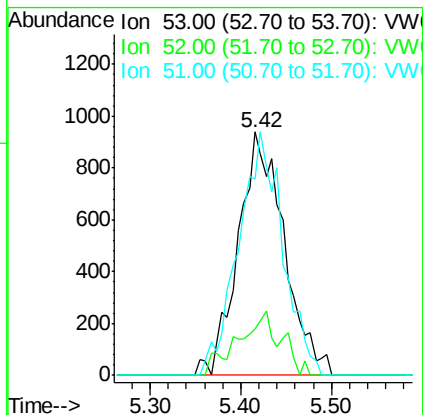
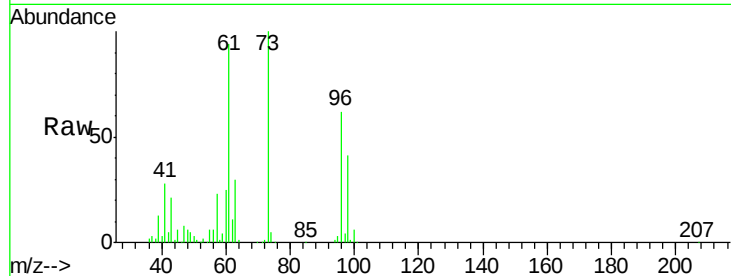
Tot Ion: 53 Resp: 3310

Ion Ratio Lower Upper

53 100

52 11.4 66.2 99.2#

51 95.4 30.2 45.4#



#16

Acetone

Concen: 71700.951 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003868.D

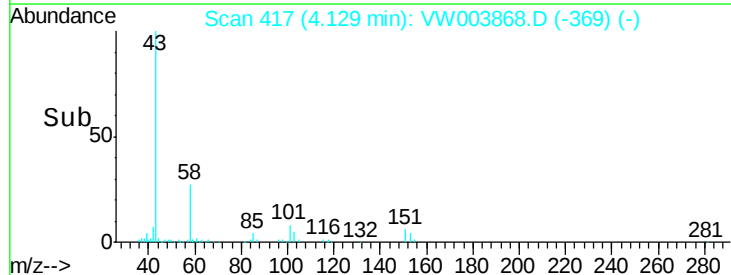
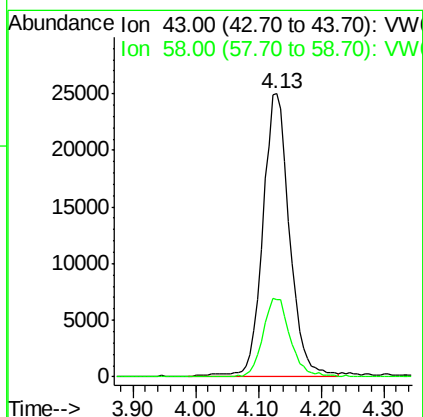
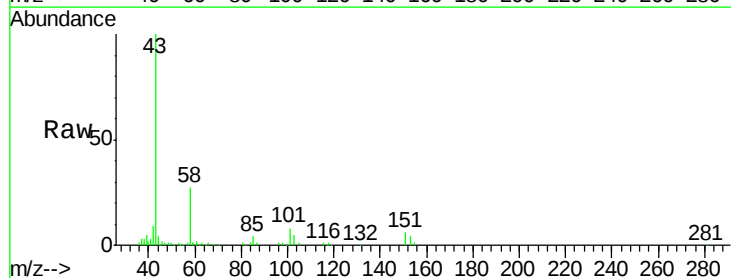
Acq: 11 Jul 2018 13:03

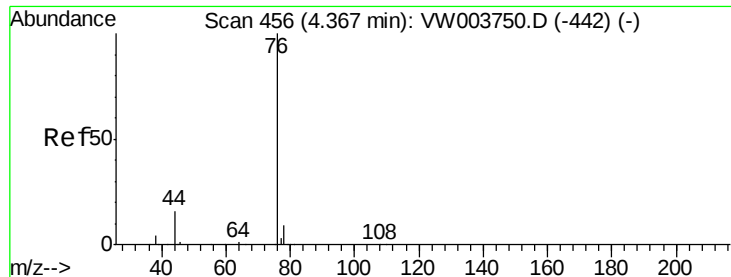
Tgt Ion: 43 Resp: 74019

Ion Ratio Lower Upper

43 100

58 27.2 22.6 34.0





#17

Carbon Disulfide

Concen: 23962.780 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

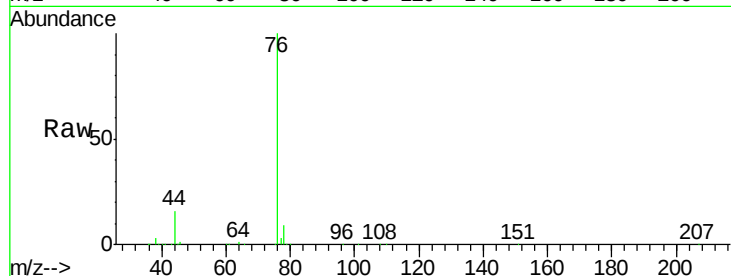
VSTDCCC025 CHECK

Tot Ion: 76 Resp: 335785

Ion Ratio Lower Upper

76 100

78 9.1 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

120000

100000

80000

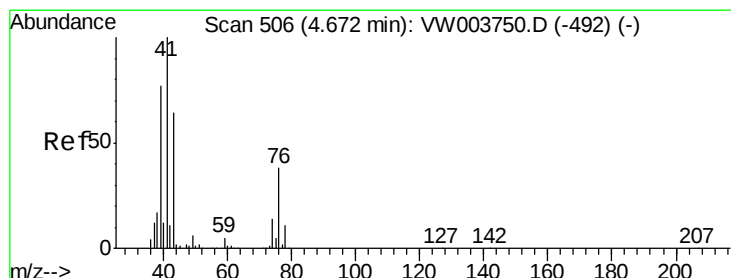
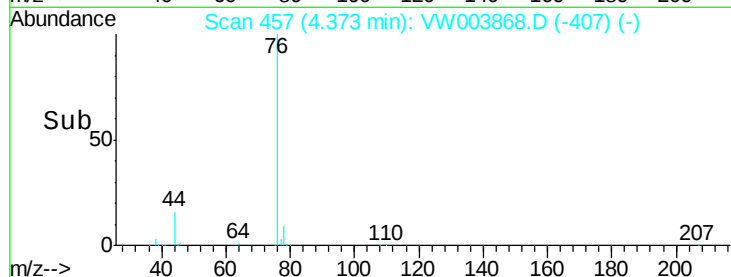
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 26604.917 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003868.D

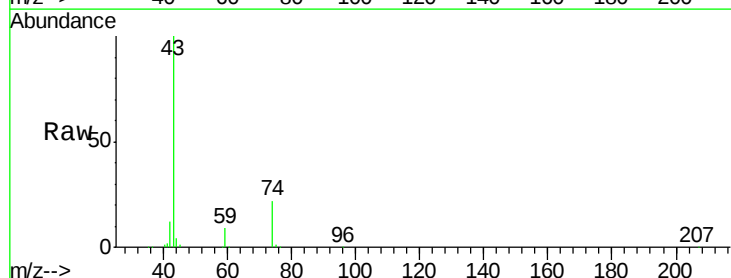
Acq: 11 Jul 2018 13:03

Tgt Ion: 43 Resp: 77434

Ion Ratio Lower Upper

43 100

74 21.2 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

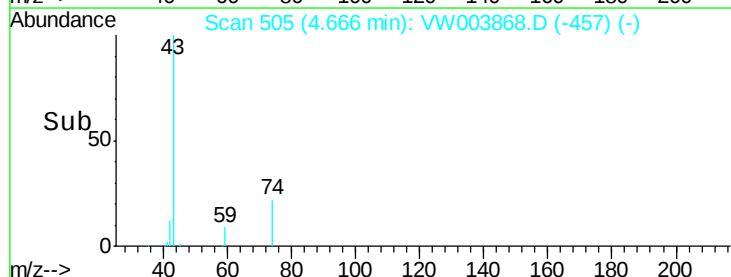
15000

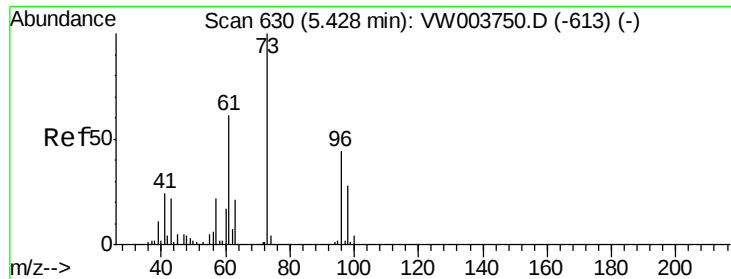
10000

5000

0

Time--> 4.50 4.60 4.70 4.80

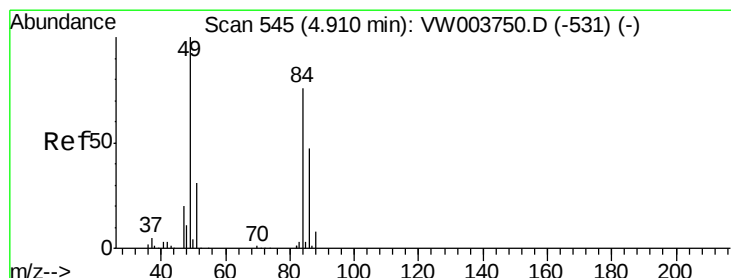
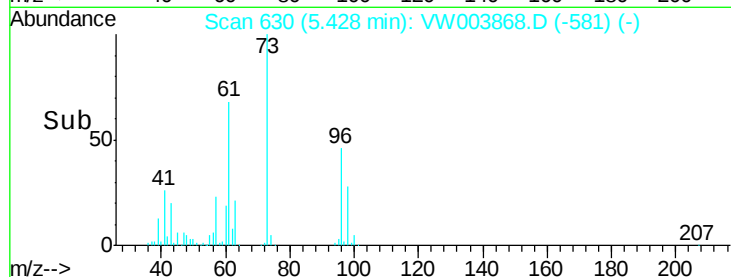
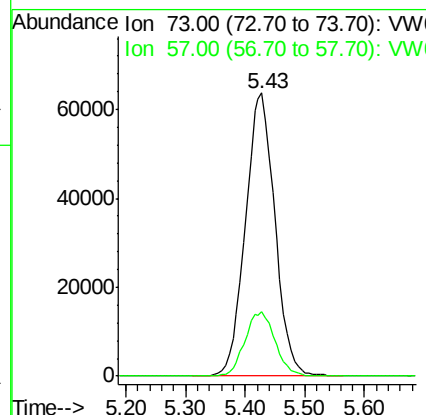
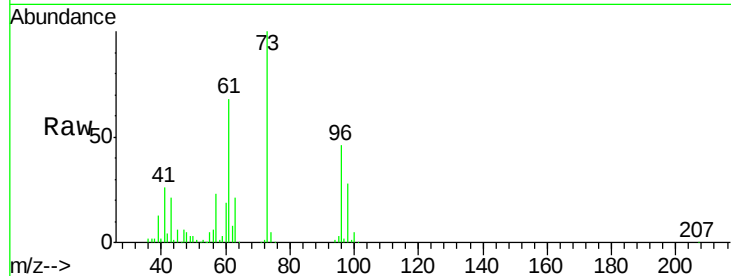




#19
Methvl tert-butvl Ether
Concen: 24770.554 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

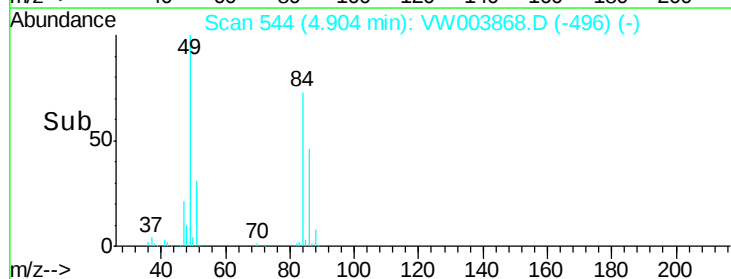
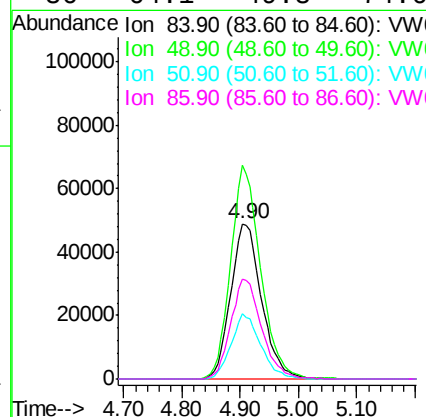
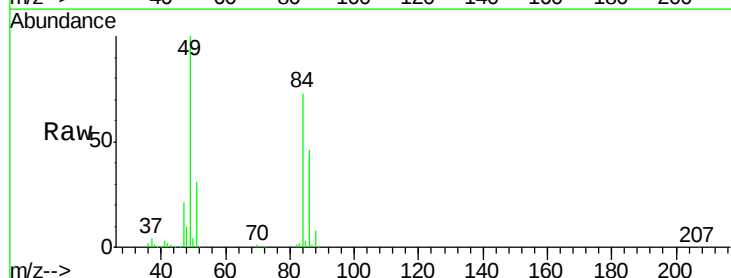
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

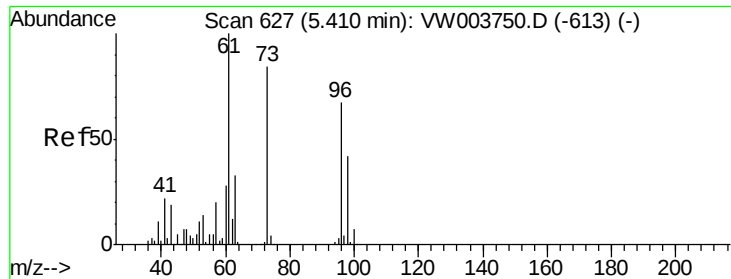
Tot Ion: 73 Resp: 218778
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 39251.036 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 84 Resp: 180177
Ion Ratio Lower Upper
84 100
49 137.9 105.1 157.7
51 42.1 32.5 48.7
86 64.1 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21937.122 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

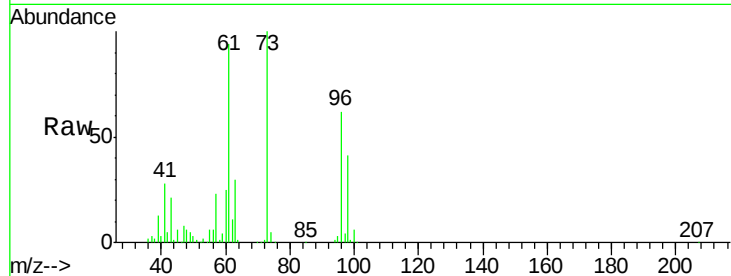
Tot Ion: 96 Resp: 111004

Ion Ratio Lower Upper

96 100

61 152.5 119.0 178.6

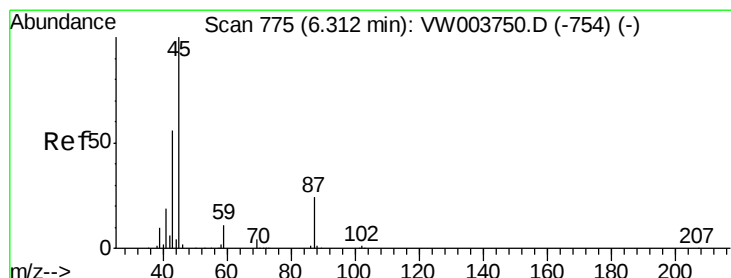
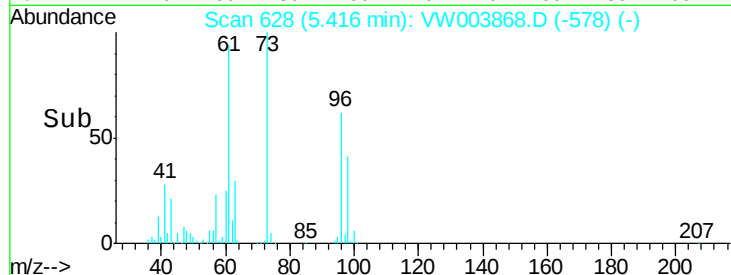
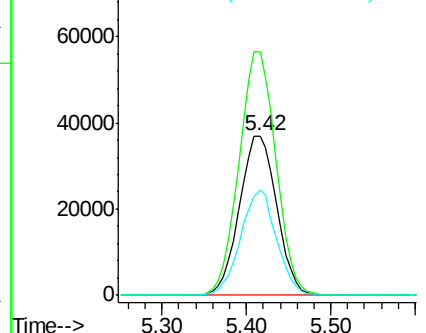
98 66.2 49.8 74.8



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: 1.347 ug/l

RT: 6.27 min Scan# 768

Delta R.T. -0.04 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Tgt Ion: 45 Resp: 22

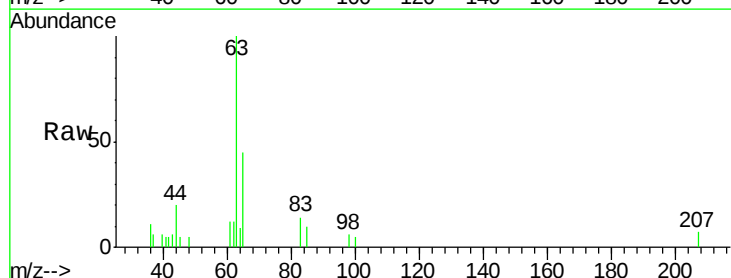
Ion Ratio Lower Upper

45 100

43 124.6 44.5 66.7#

87 0.0 19.6 29.4#

59 0.0 9.1 13.7#

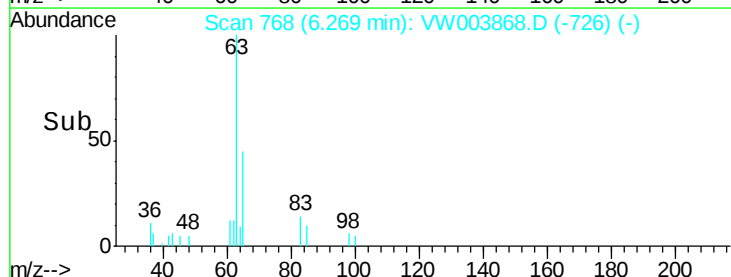
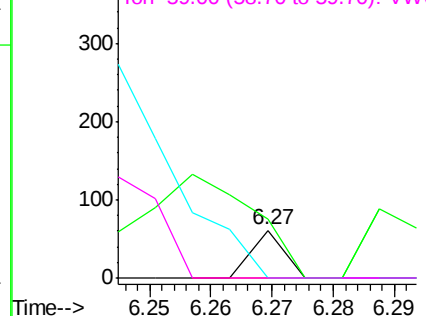


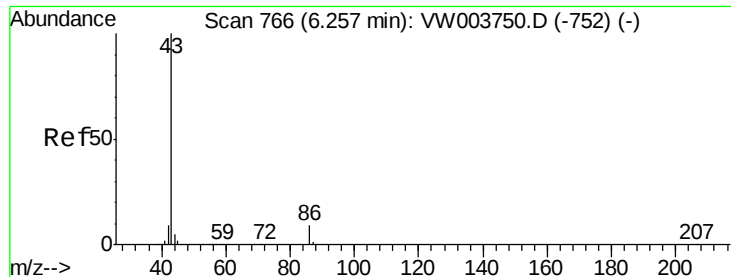
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 18.851 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

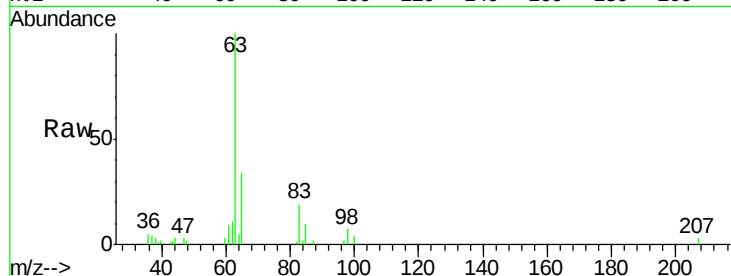
VSTDCCC025 CHECK

Tot Ion: 43 Resp: 188

Ion Ratio Lower Upper

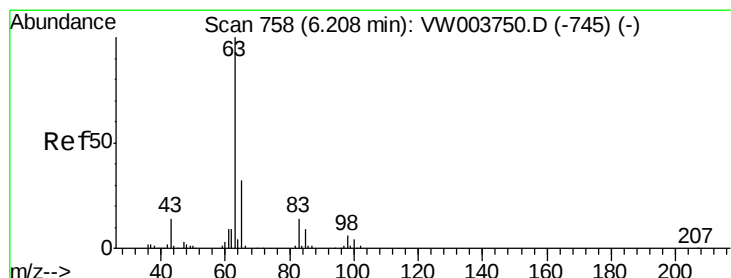
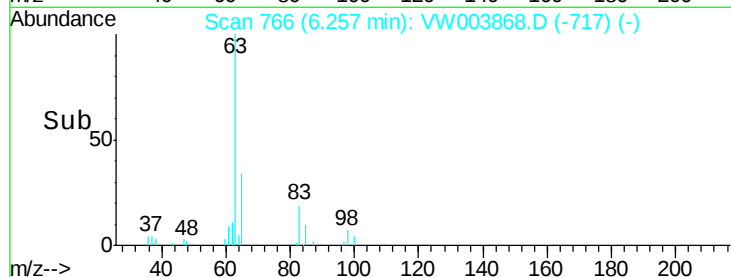
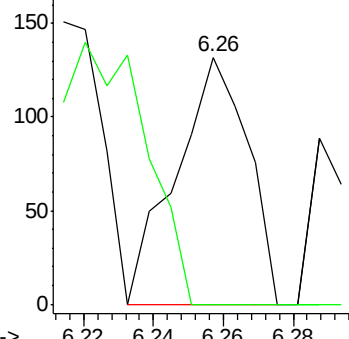
43 100

86 0.0 7.3 10.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21516.989 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

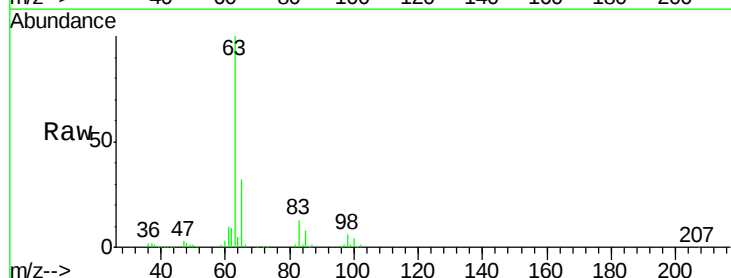
Tgt Ion: 63 Resp: 212606

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

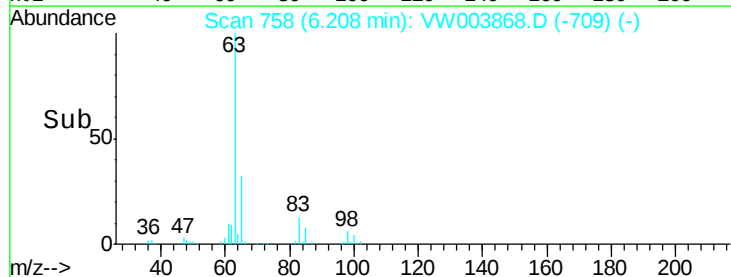
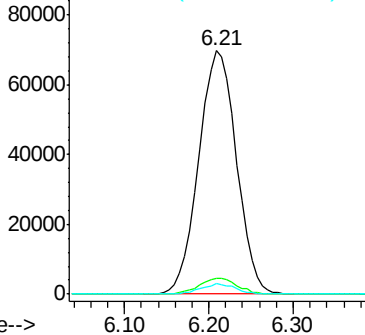
100 4.4 2.1 6.2

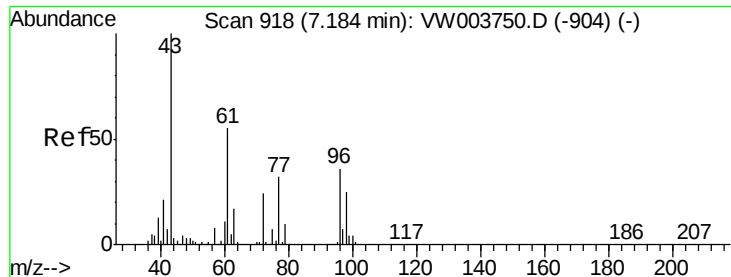


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 63790.895 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

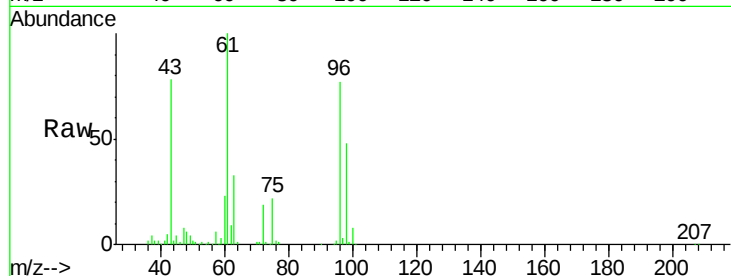
VSTDCCC025 CHECK

Tot Ion: 43 Resp: 103144

Ion Ratio Lower Upper

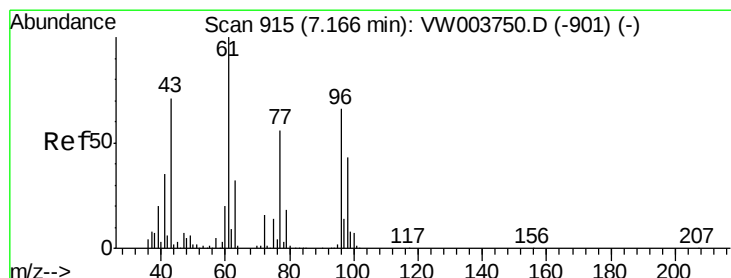
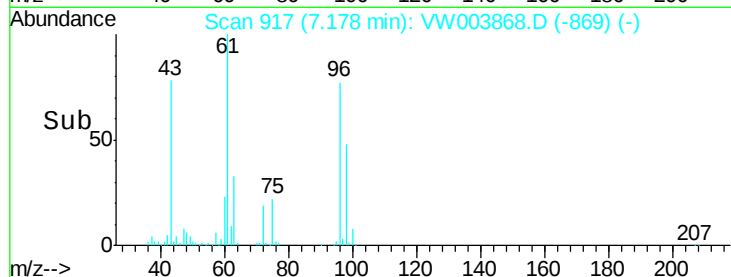
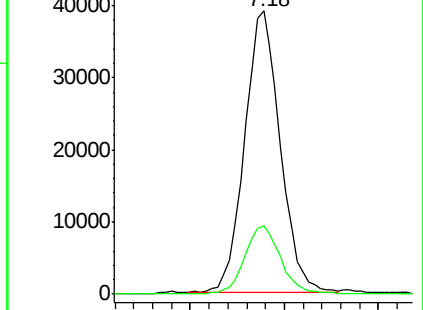
43 100

72 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 3629.197 ug/l

RT: 7.09 min Scan# 902

Delta R.T. -0.08 min

Lab File: VW003868.D

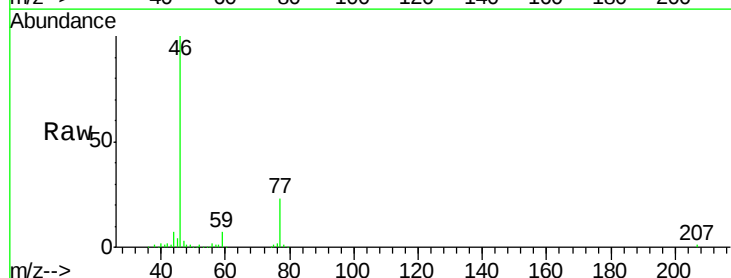
Acq: 11 Jul 2018 13:03

Tgt Ion: 77 Resp: 19450

Ion Ratio Lower Upper

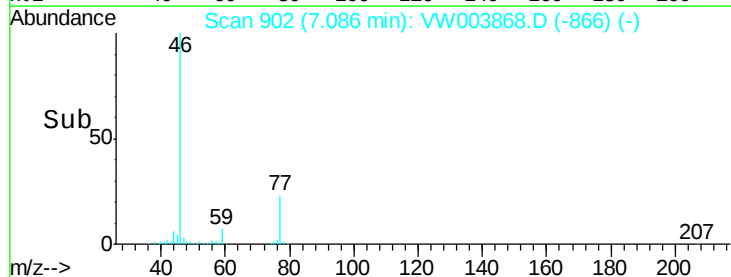
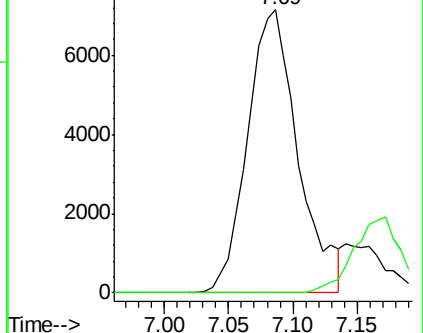
77 100

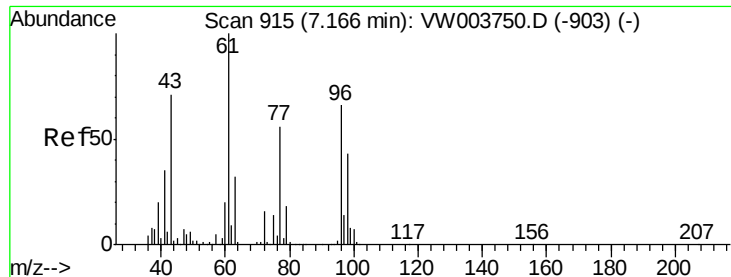
97 0.0 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



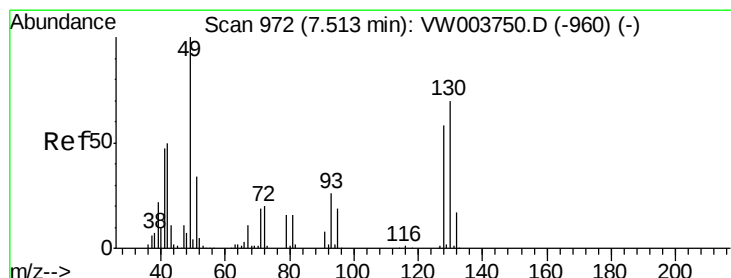
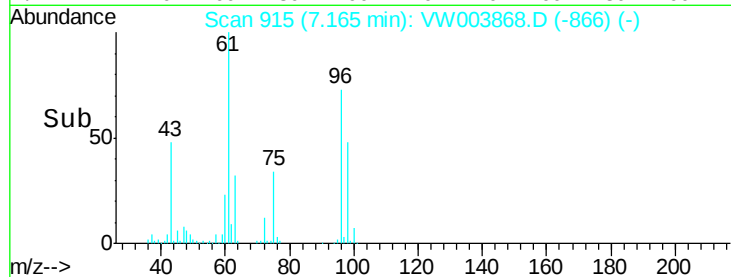
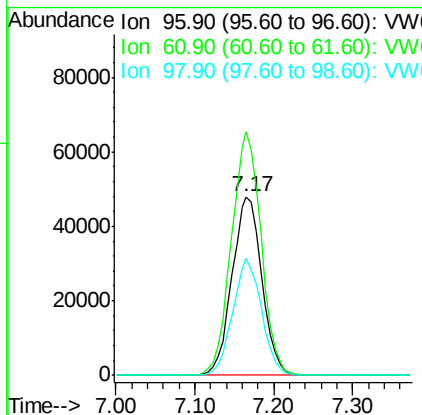
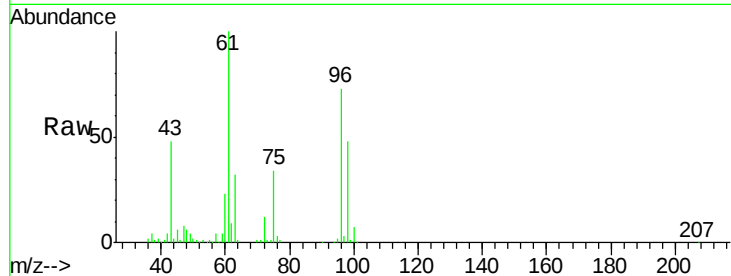


#27

cis-1,2-Dichloroethene
Concen: 22429.445 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

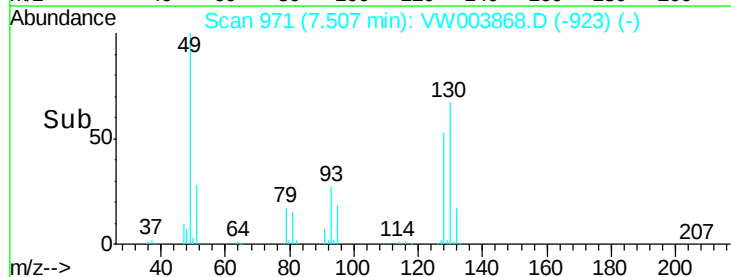
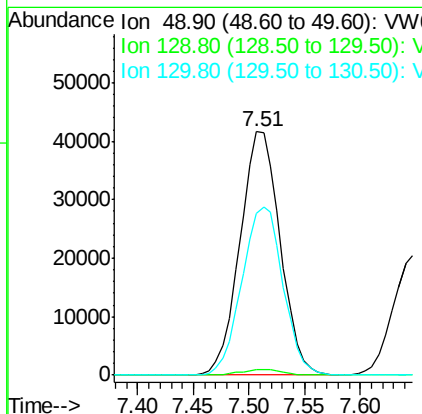
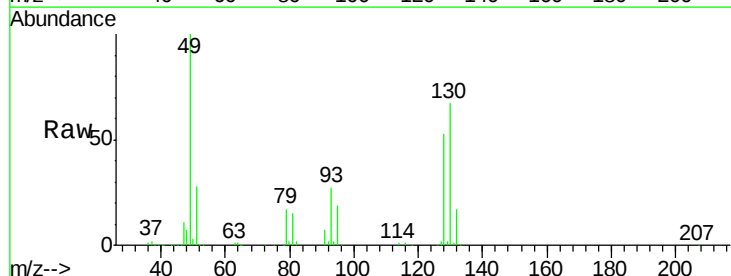
Tot Ion	96	Resp	125506
Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	300.8
98	63.4	0.0	128.6

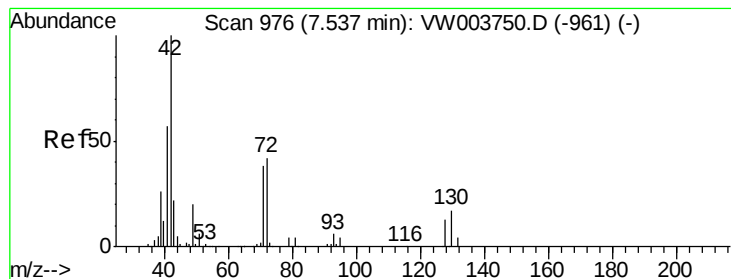


#28

Bromochloromethane
Concen: 23722.740 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion	49	Resp	104421
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	71.1	56.9	85.3





#29

Tetrahydrofuran

Concen: 883.189 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

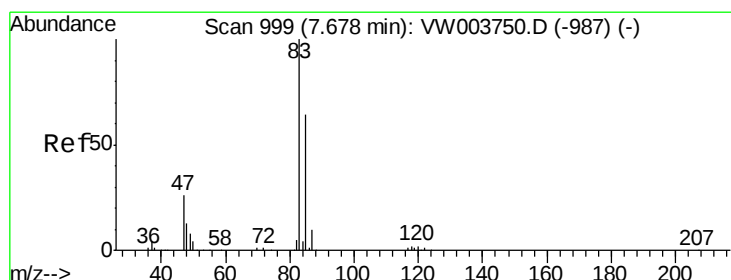
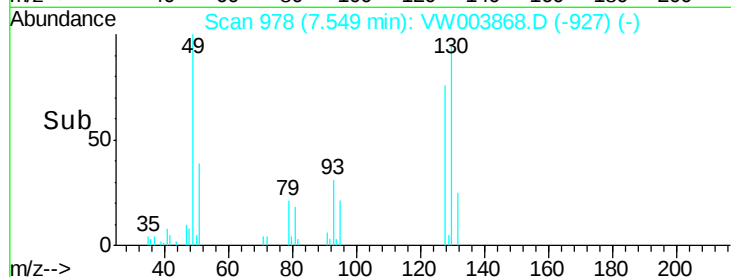
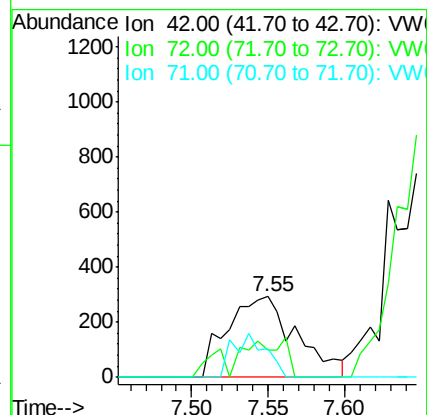
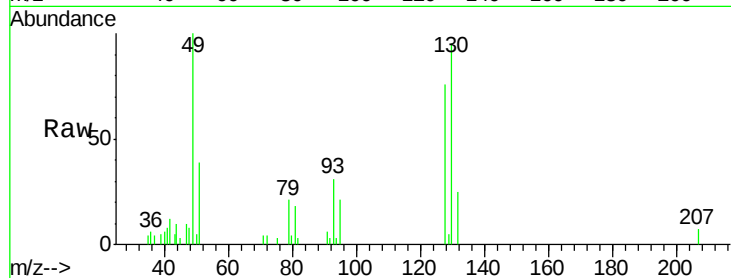
Tot Ion: 42 Resp: 918

Ion Ratio Lower Upper

42 100

72 27.2 31.8 47.8#

71 0.0 30.3 45.5#



#30

Chloroform

Concen: 21976.291 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW003868.D

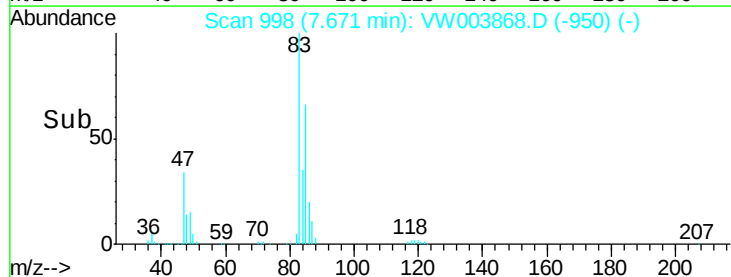
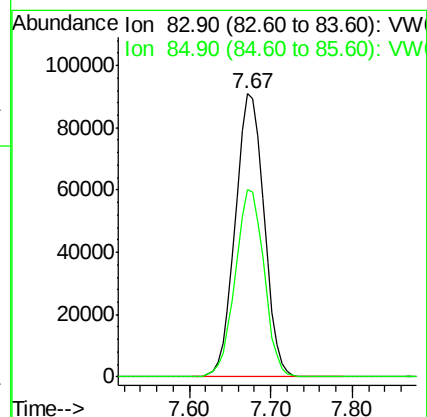
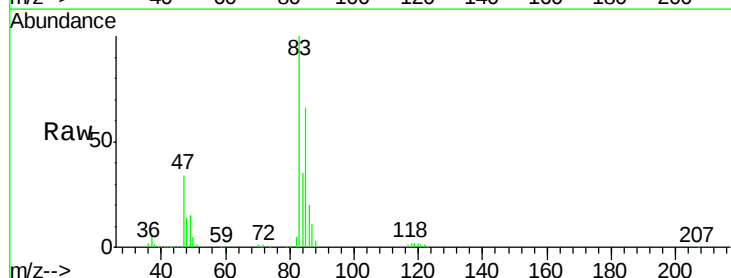
Acq: 11 Jul 2018 13:03

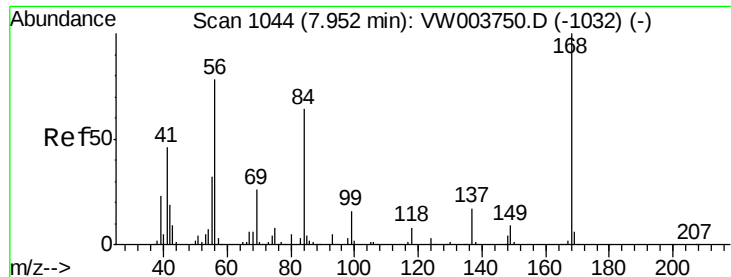
Tgt Ion: 83 Resp: 221511

Ion Ratio Lower Upper

83 100

85 66.3 51.5 77.3

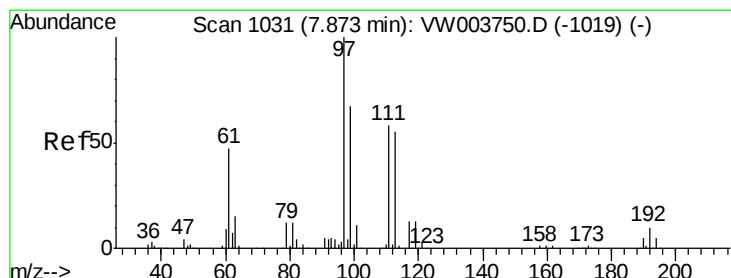
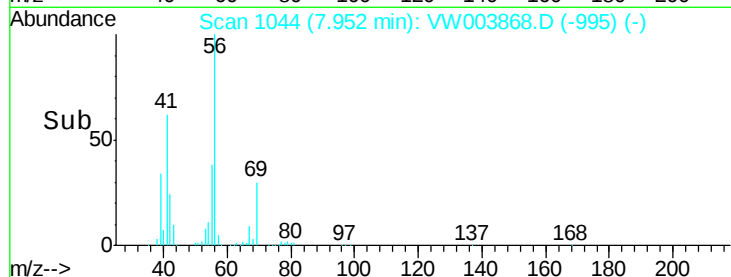
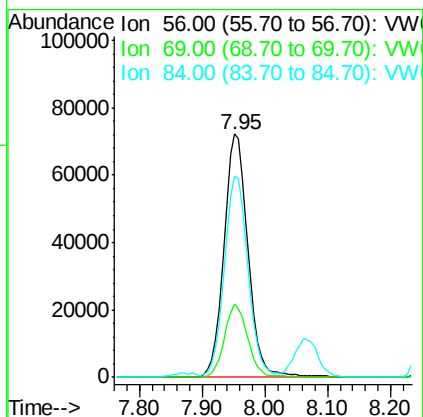
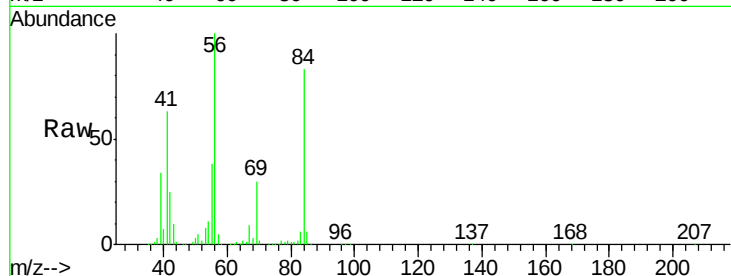




#31
Cyclohexane
Concen: 22115.096 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

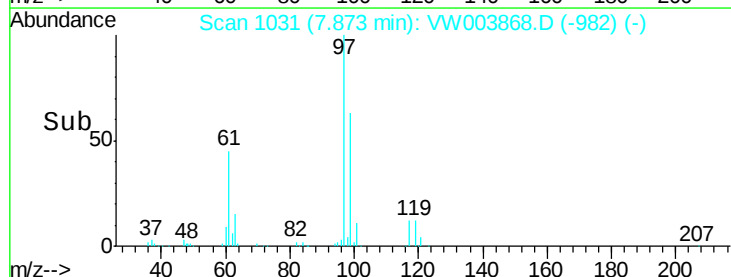
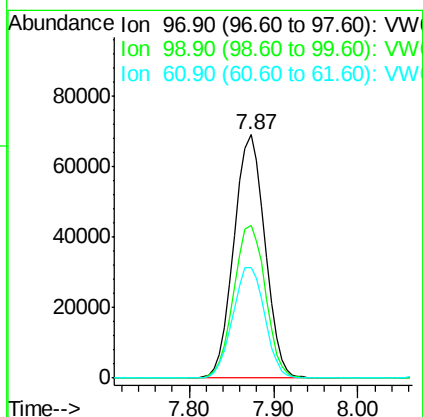
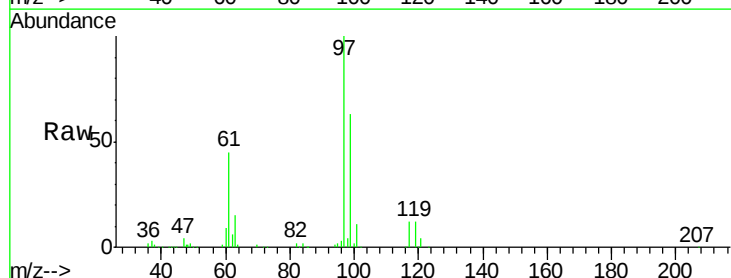
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

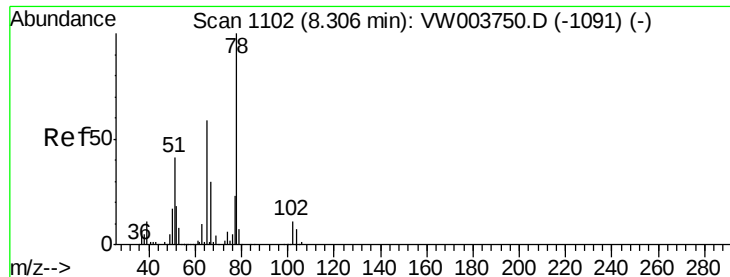
Tot Ion: 56 Resp: 192020
Ion Ratio Lower Upper
56 100
69 29.9 26.2 39.4
84 82.5 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 22377.284 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 97 Resp: 171665
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 46.8 37.6 56.4

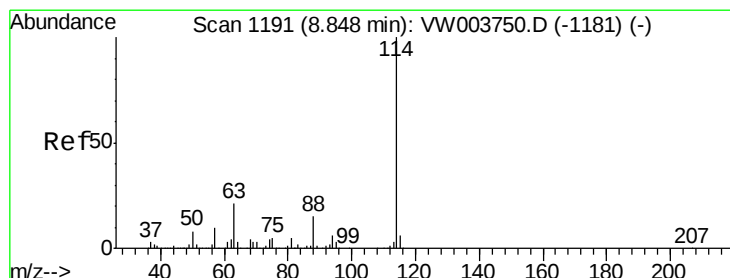
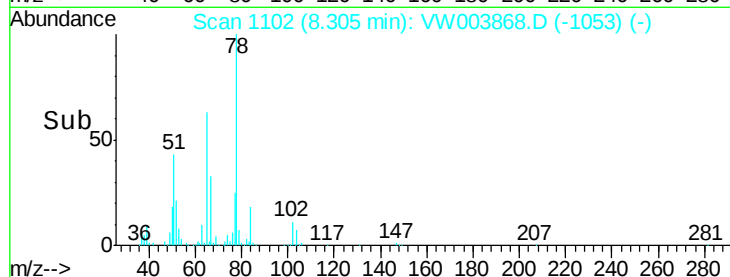
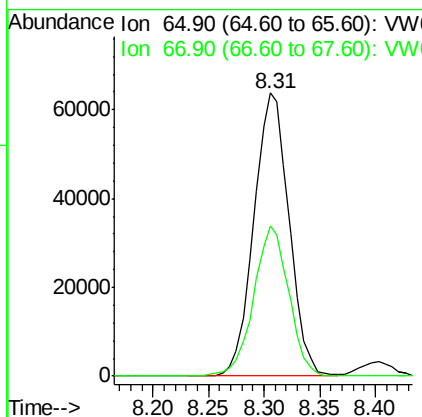
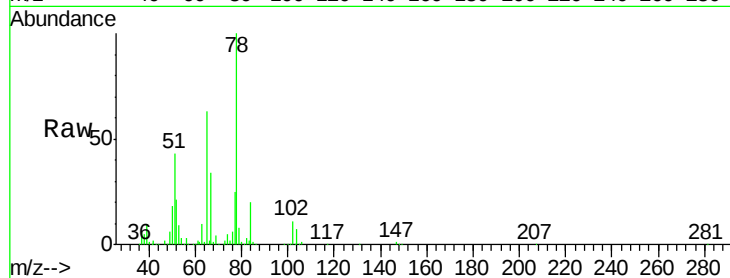




#33
 1,2-Dichloroethane-d4
 Concen: 23544.478 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

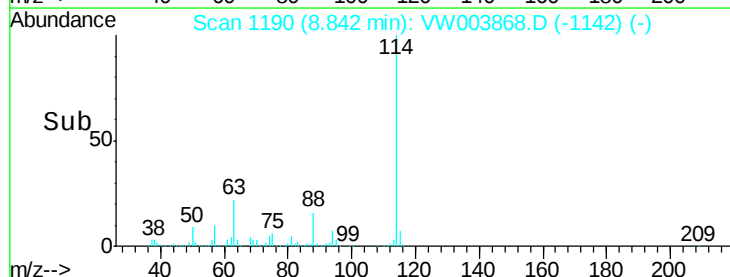
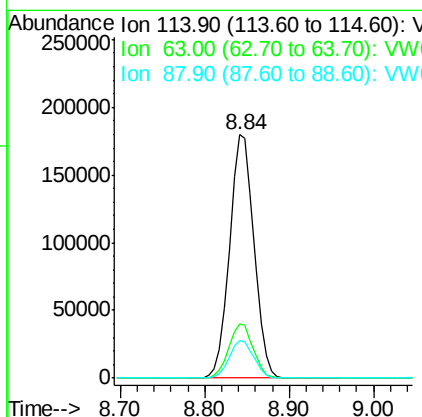
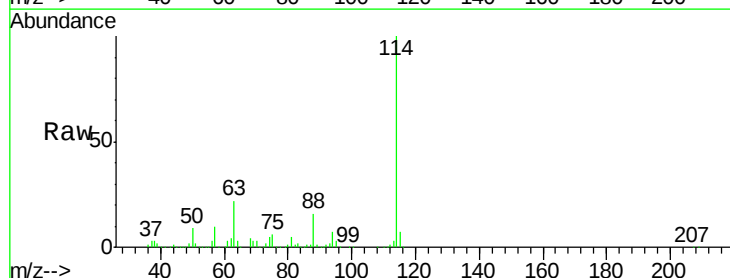
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025 CHECK

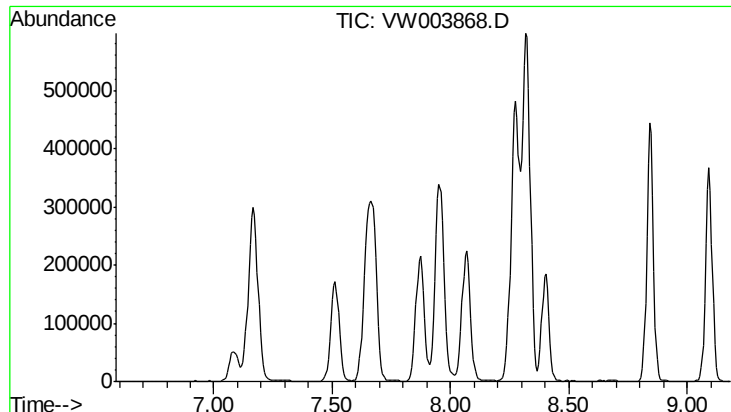
Tot Ion: 65 Resp: 140093
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

Tgt Ion: 114 Resp: 352444
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.8
 88 15.7 0.0 30.2

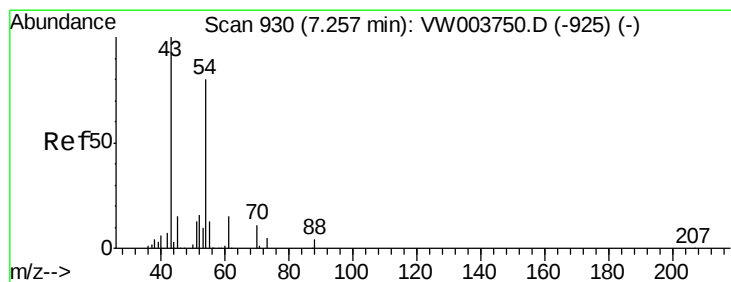
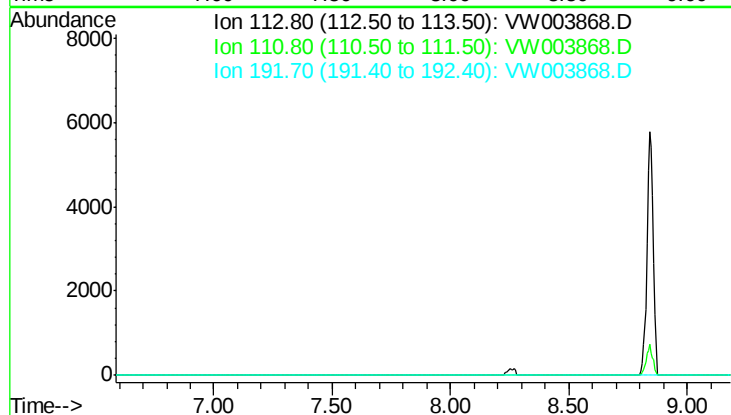




#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.88 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

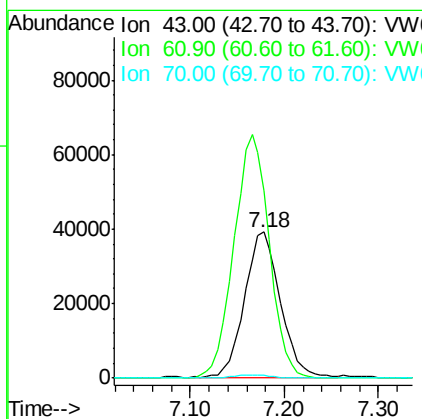
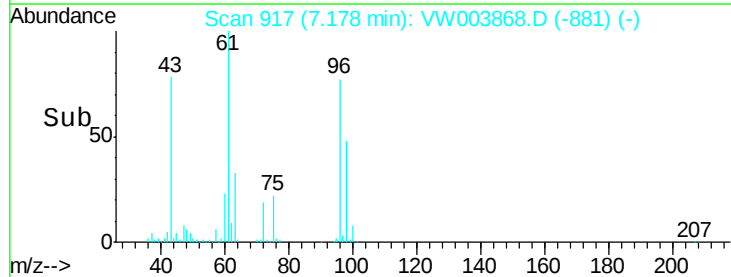
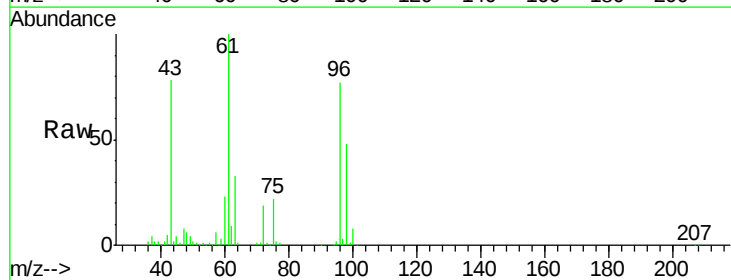
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

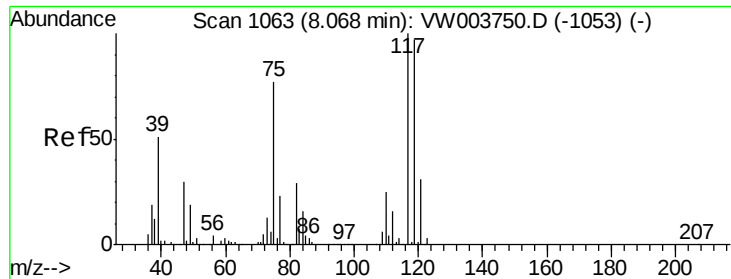
Tot Ion: 113
Sig Exp Ratio
113 100
111 102.1
192 19.8



#37
Ethyl Acetate
Concen: 56.685 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.08 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 43 Resp: 103144
Ion Ratio Lower Upper
43 100
61 165.8 10.6 15.8#
70 2.2 7.5 11.3#

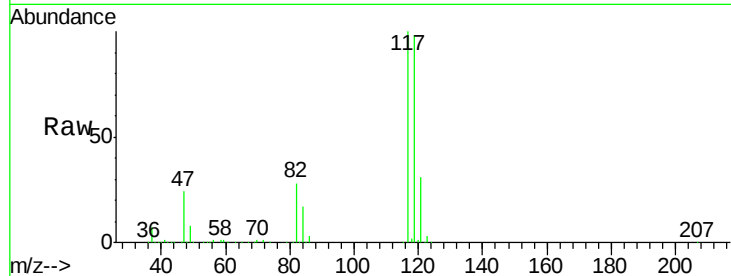




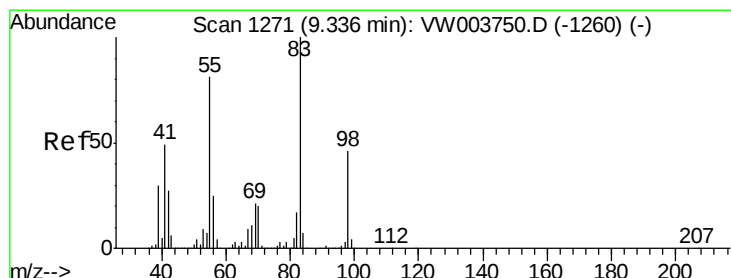
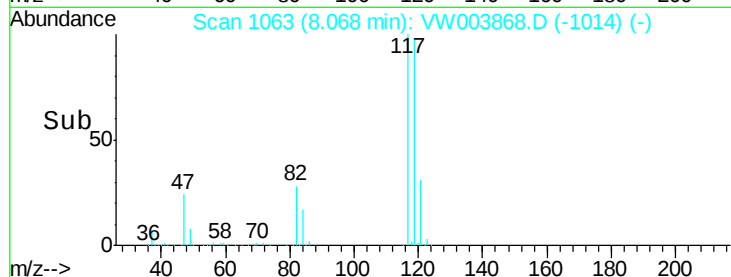
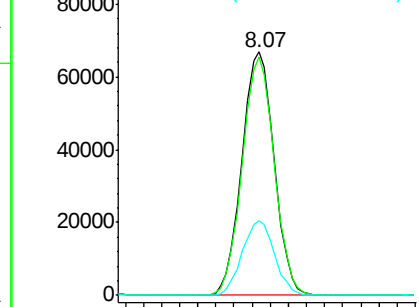
#38
Carbon Tetrachloride
Concen: 46.379 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

Tot Ion:117 Resp: 164905
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.2
121 30.8 24.6 37.0

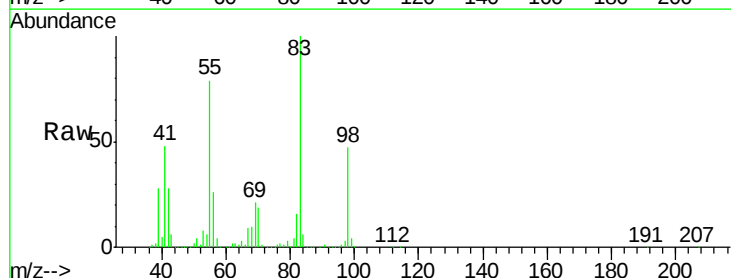


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

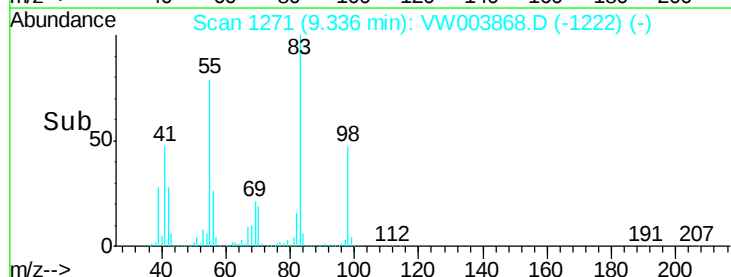
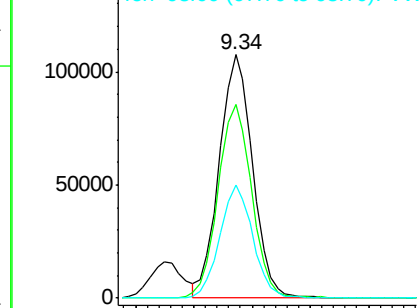


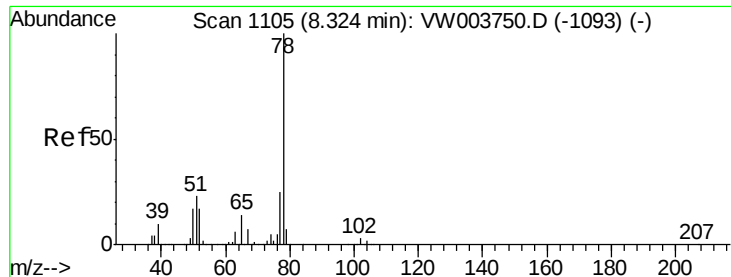
#39
Methylcyclohexane
Concen: 51.833 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 83 Resp: 212293
Ion Ratio Lower Upper
83 100
55 79.4 65.1 97.7
98 46.4 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 45.810 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

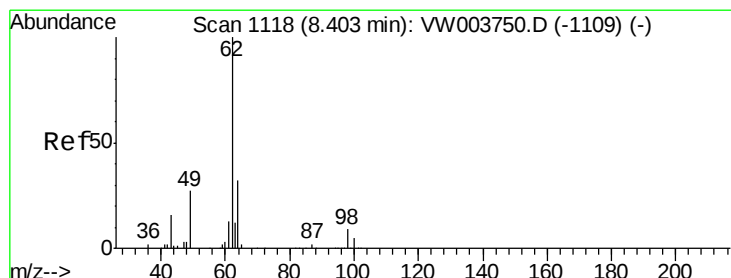
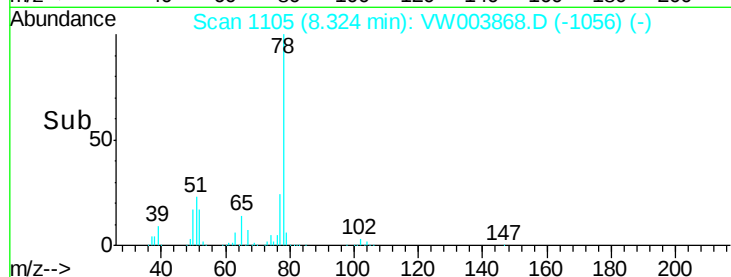
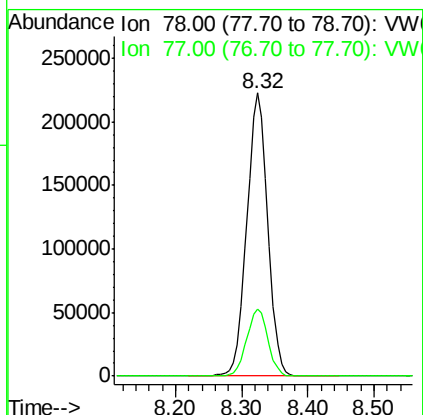
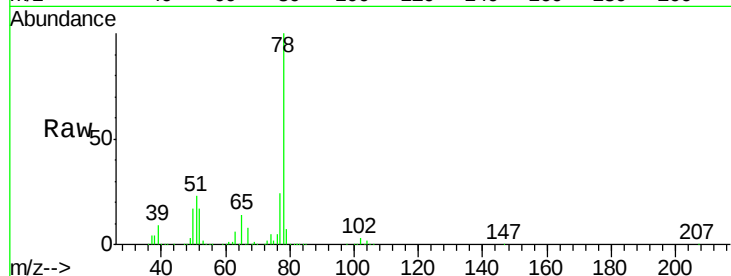
VSTDCCC025 CHECK

Tot Ion: 78 Resp: 489757

Ion Ratio Lower Upper

78 100

77 23.8 19.7 29.5



#42

1,2-Dichloroethane

Concen: 48.830 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003868.D

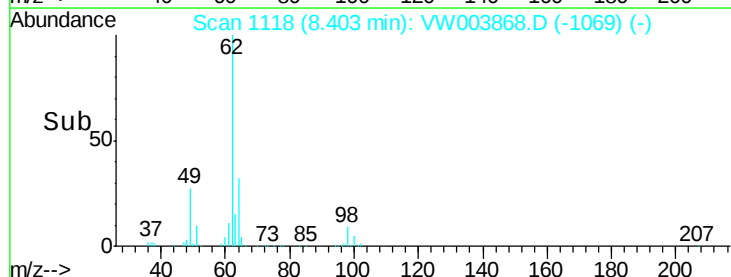
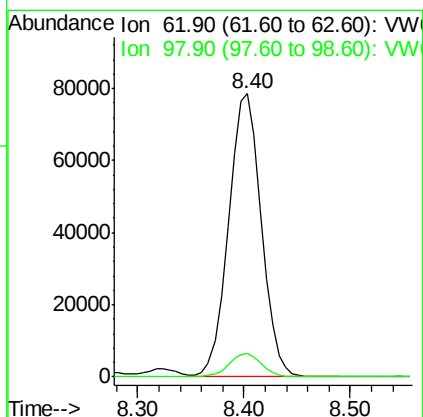
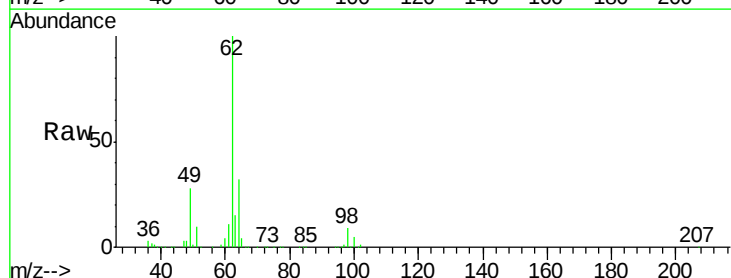
Acq: 11 Jul 2018 13:03

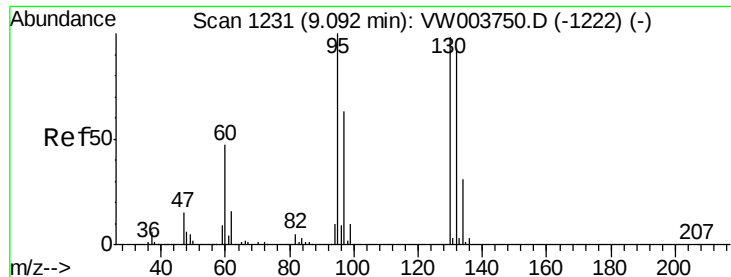
Tgt Ion: 62 Resp: 168956

Ion Ratio Lower Upper

62 100

98 8.3 0.0 16.4





#44

Trichloroethene

Concen: 46.319 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

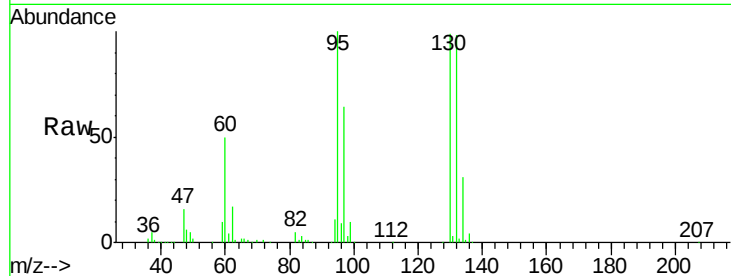
VSTDCCC025 CHECK

Tot Ion:130 Resp: 124841

Ion Ratio Lower Upper

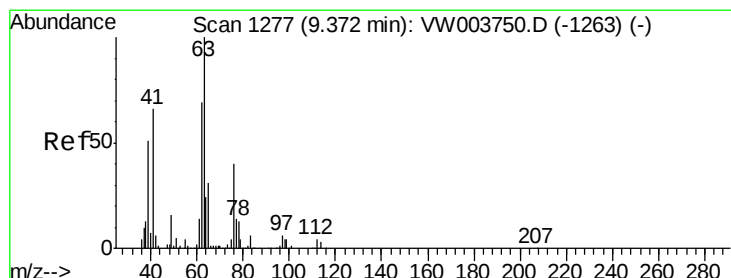
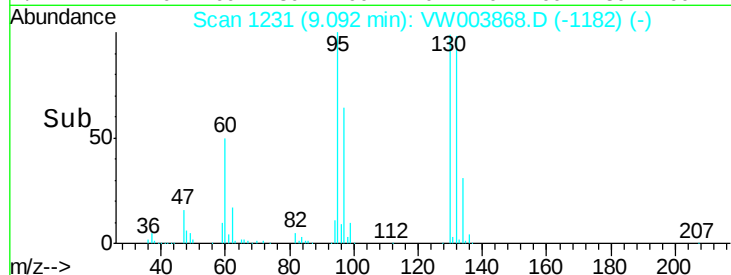
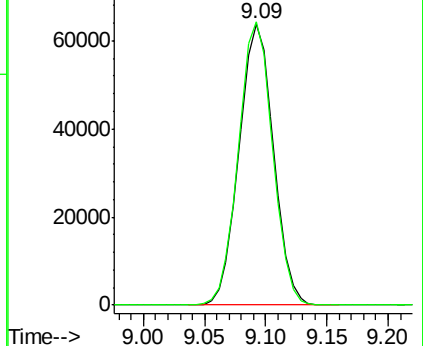
130 100

95 100.7 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 47.477 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003868.D

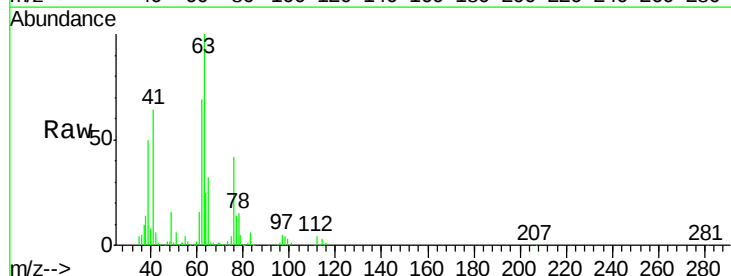
Acq: 11 Jul 2018 13:03

Tgt Ion: 63 Resp: 131978

Ion Ratio Lower Upper

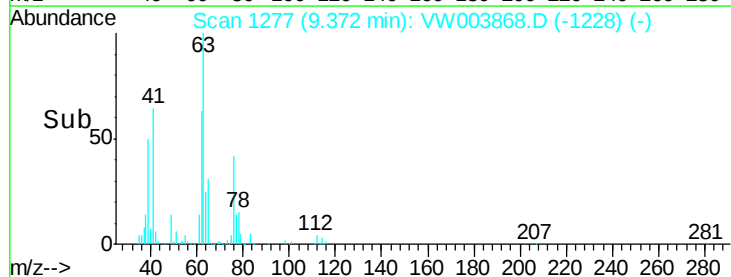
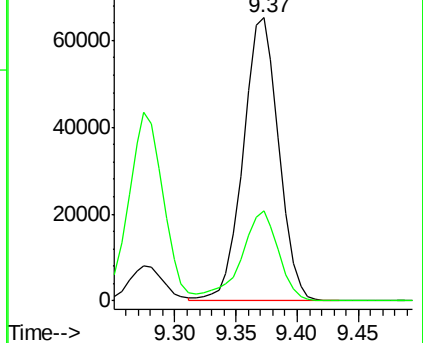
63 100

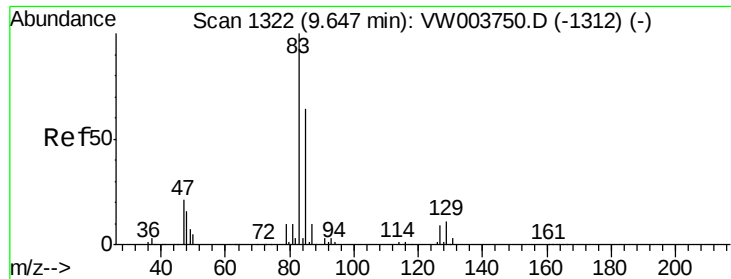
65 31.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#47

Bromodichloromethane

Concen: 46.159 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

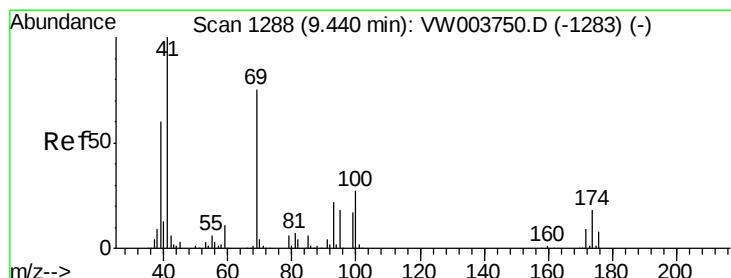
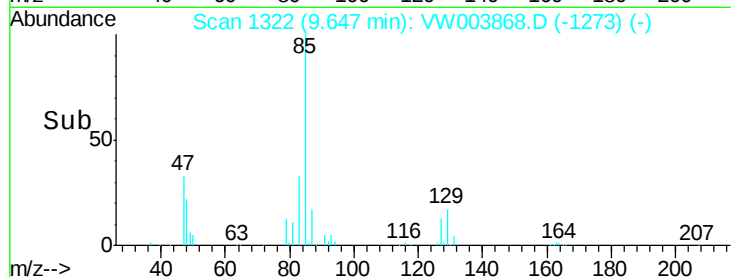
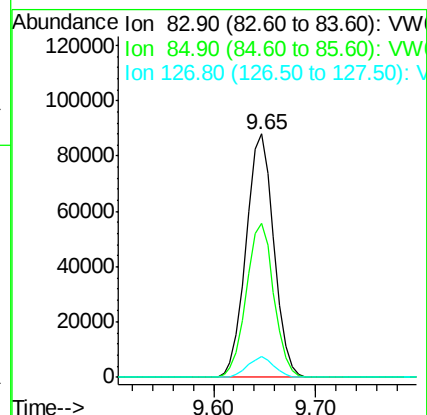
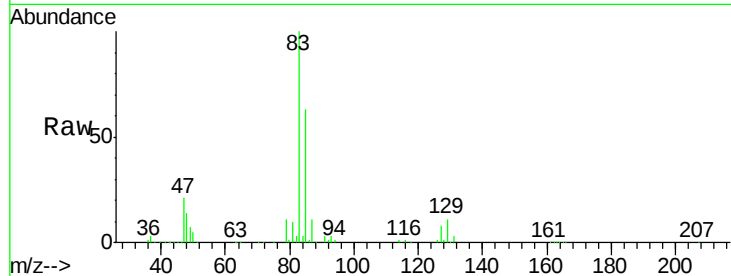
Tot Ion: 83 Resp: 165981

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

127 8.3 6.8 10.2



#48

Methyl methacrylate

Concen: 67.432 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.10 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

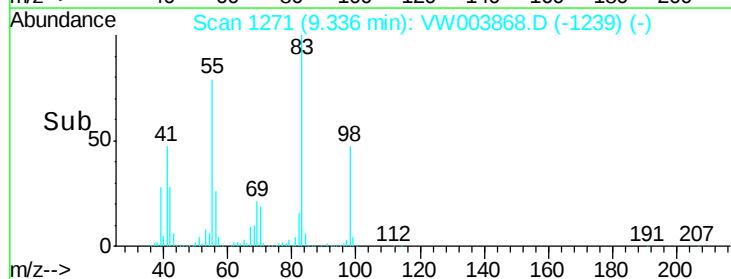
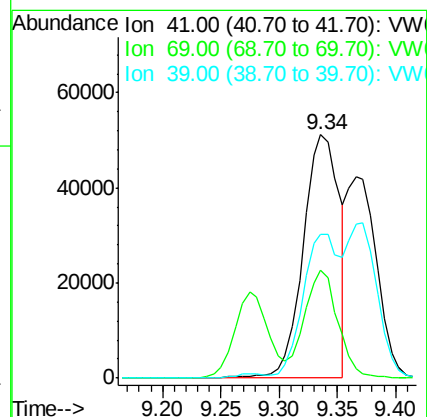
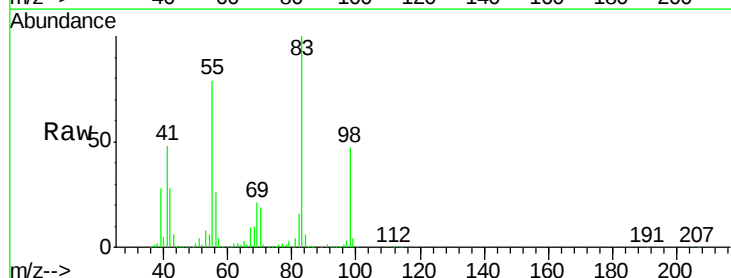
Tgt Ion: 41 Resp: 110749

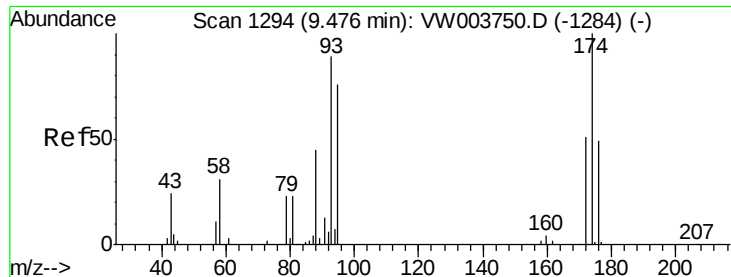
Ion Ratio Lower Upper

41 100

69 40.9 63.8 95.8#

39 61.3 50.2 75.2





#49

1,4-Dioxane

Concen: 8.240 ug/l

RT: 9.64 min Scan# 1321

Delta R.T. 0.16 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

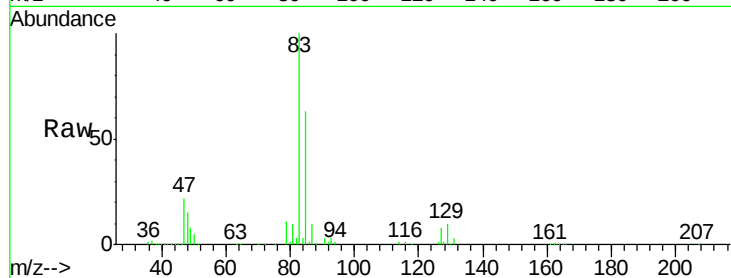
Tot Ion: 88 Resp: 180

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

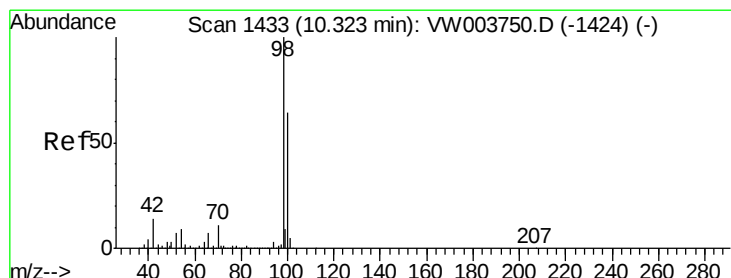
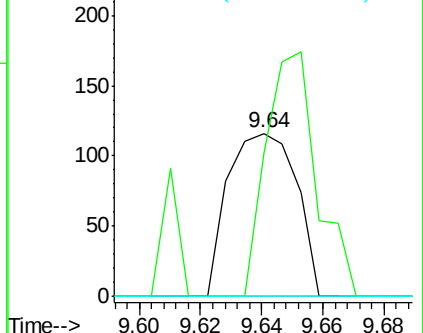
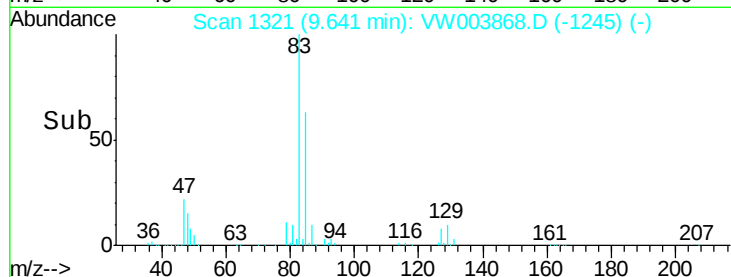
58 0.0 59.7 89.5#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 42.579 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003868.D

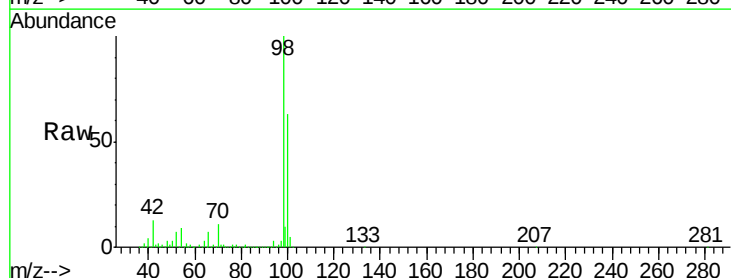
Acq: 11 Jul 2018 13:03

Tgt Ion: 98 Resp: 401764

Ion Ratio Lower Upper

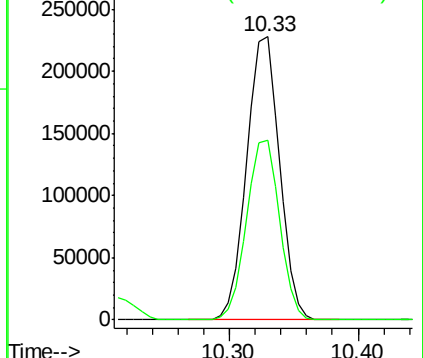
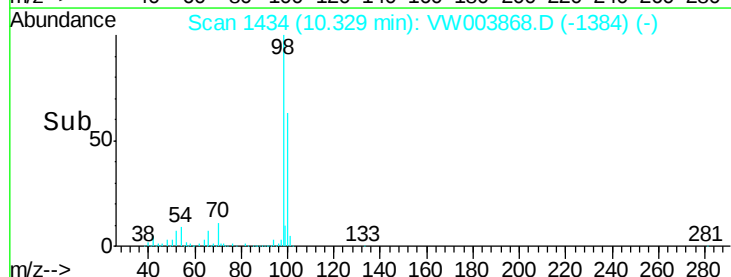
98 100

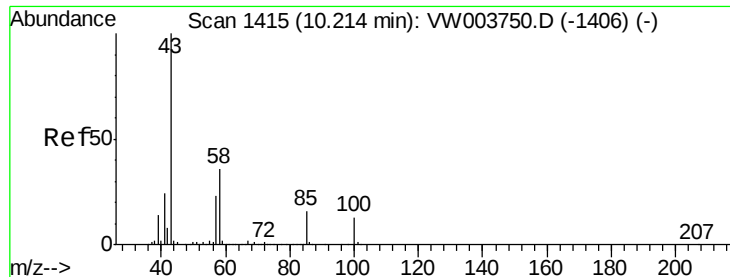
100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 127.216 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

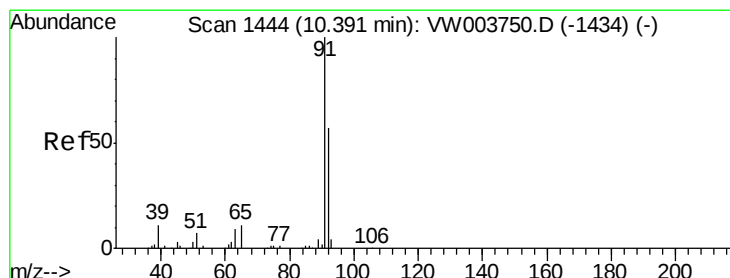
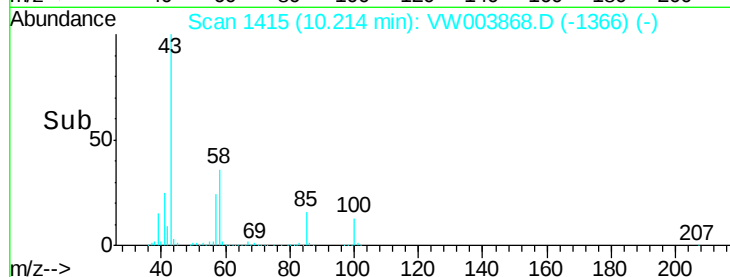
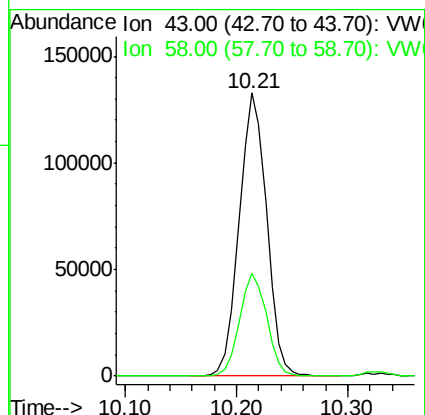
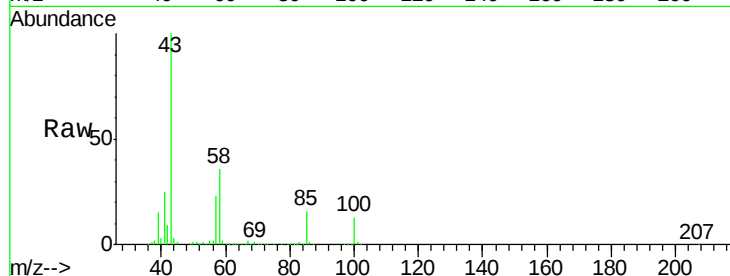
VSTDCCC025 CHECK

Tot Ion: 43 Resp: 227026

Ion Ratio Lower Upper

43 100

58 35.8 29.3 43.9



#52

Toluene

Concen: 45.732 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003868.D

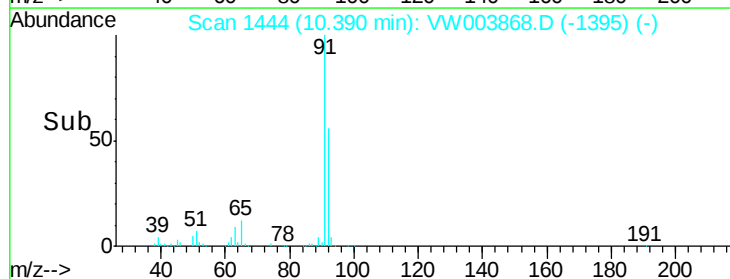
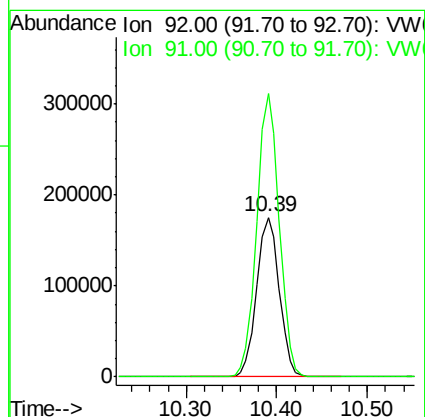
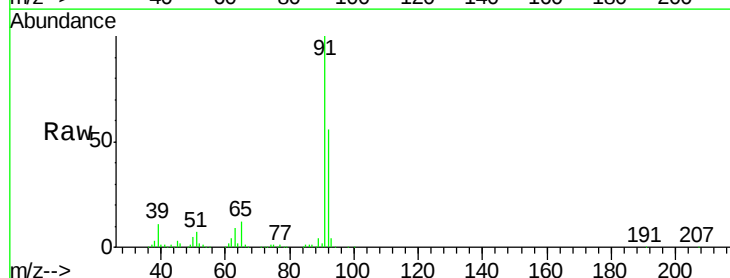
Acq: 11 Jul 2018 13:03

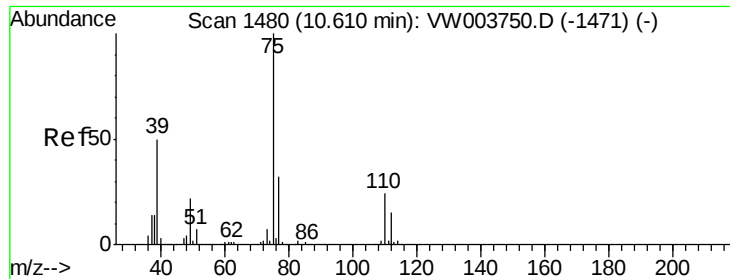
Tgt Ion: 92 Resp: 303172

Ion Ratio Lower Upper

92 100

91 175.8 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 51.498 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

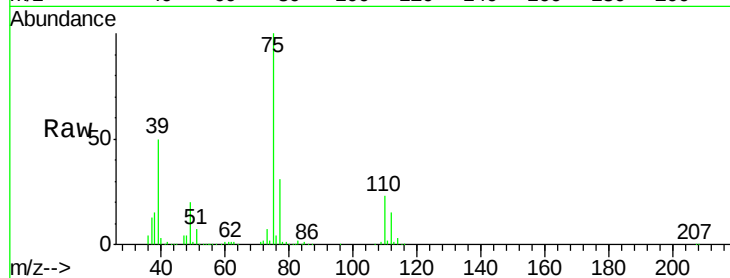
VSTDCCC025 CHECK

Tot Ion: 75 Resp: 184893

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

120000

100000

80000

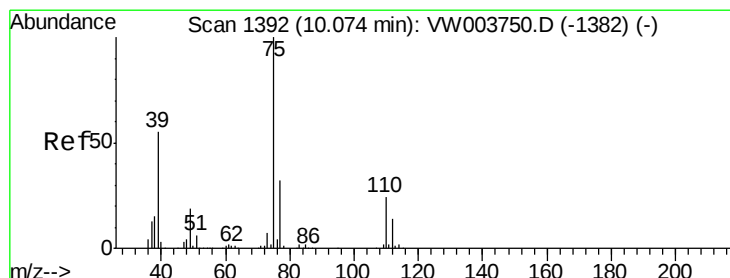
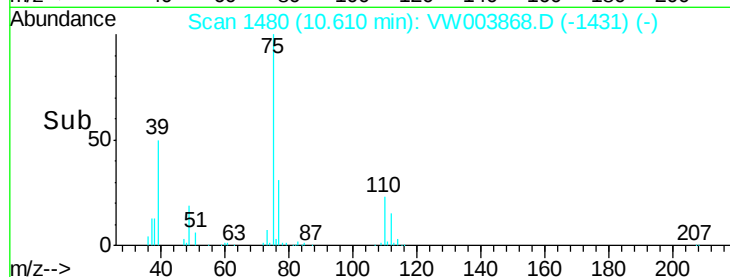
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 49.232 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

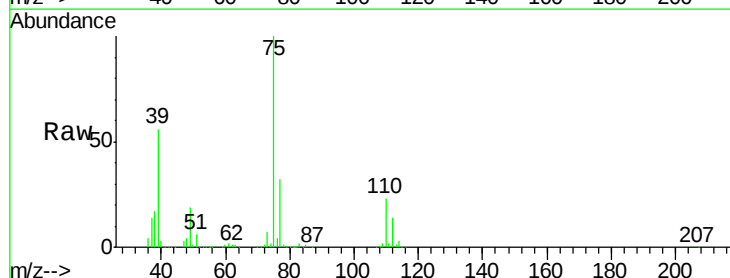
Tgt Ion: 75 Resp: 199533

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 55.8 43.6 65.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

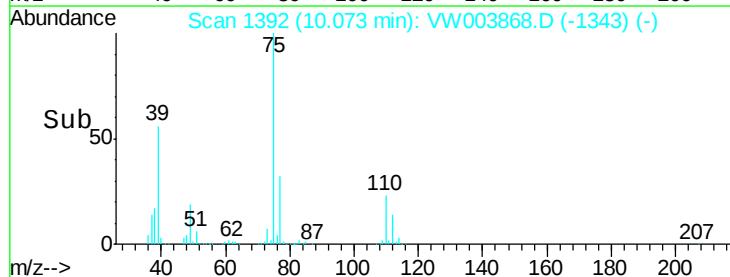
150000

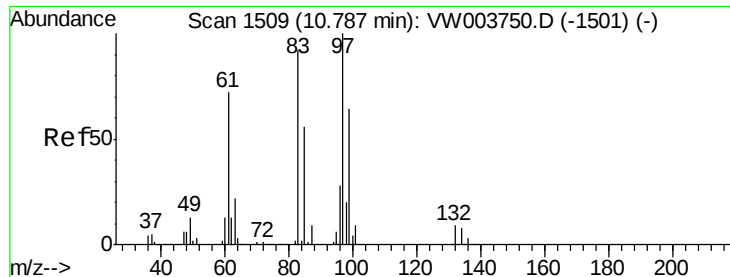
100000

50000

0

Time--> 10.00 10.10 10.20





#55

1,1,2-Trichloroethane

Concen: 50.069 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

Tot Ion: 97 Resp: 101643

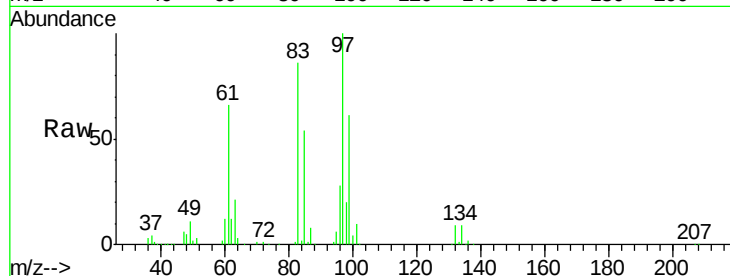
Ion Ratio Lower Upper

97 100

83 85.9 73.8 110.6

85 53.7 45.0 67.4

99 60.5 51.2 76.8



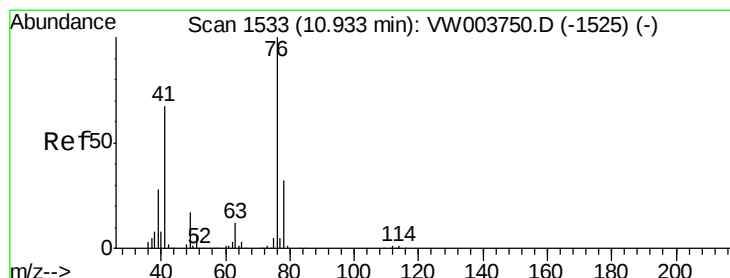
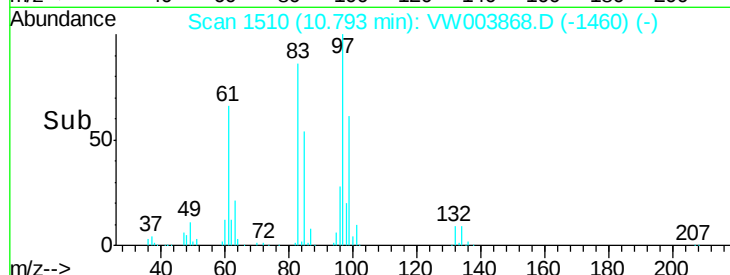
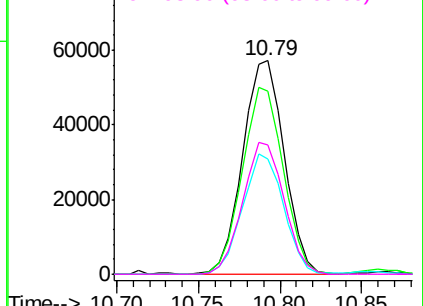
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#57

1,3-Dichloropropane

Concen: 1.936 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW003868.D

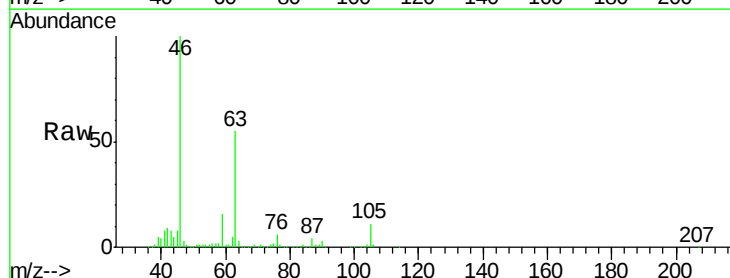
Acq: 11 Jul 2018 13:03

Tgt Ion: 76 Resp: 6850

Ion Ratio Lower Upper

76 100

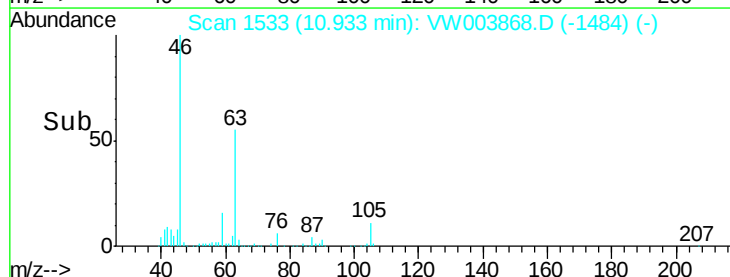
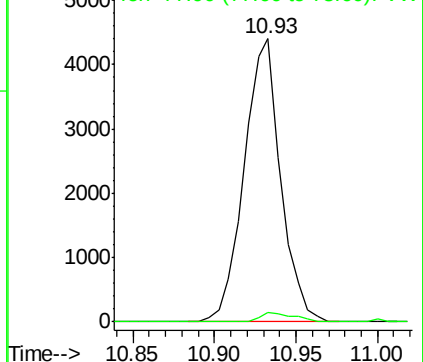
78 3.0 25.6 38.4#

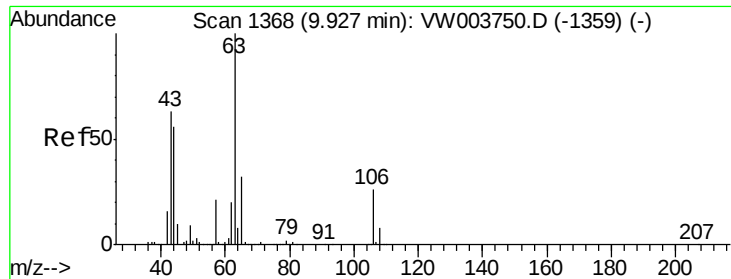


Abundance

Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

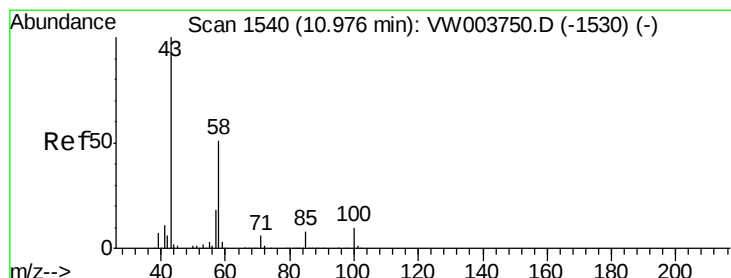
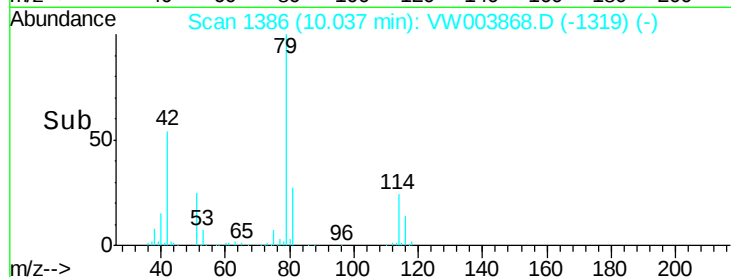
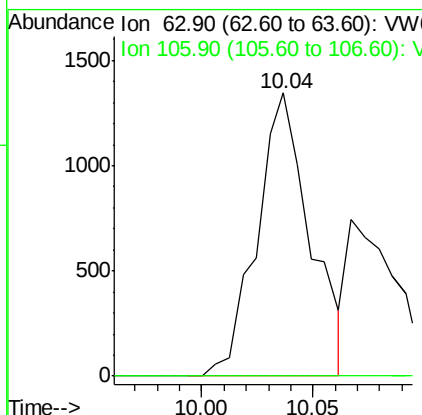
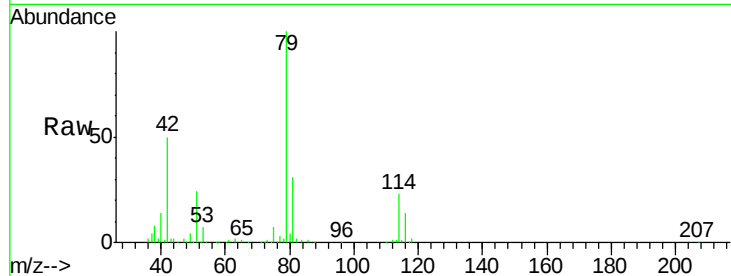




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.790 ug/l
 RT: 10.04 min Scan# 1386
 Delta R.T. 0.11 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

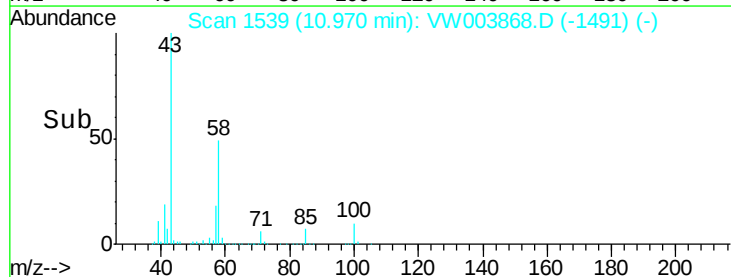
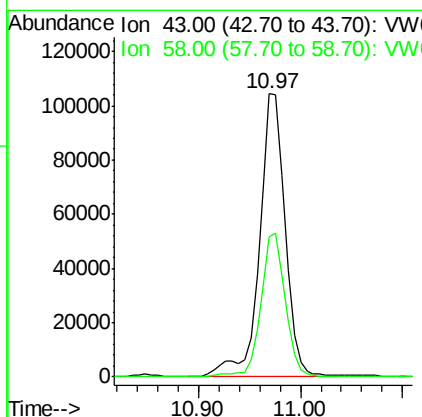
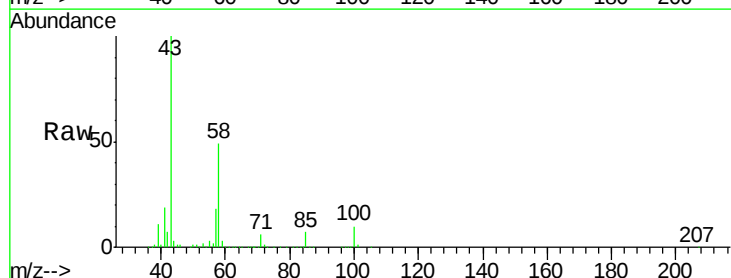
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025 CHECK

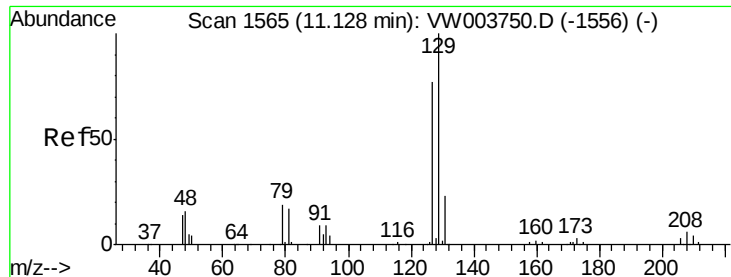
Tot Ion: 63 Resp: 2234
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#59
 2-Hexanone
 Concen: 150.886 ug/l
 RT: 10.97 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

Tgt Ion: 43 Resp: 184901
 Ion Ratio Lower Upper
 43 100
 58 48.2 25.4 76.2





#60

Dibromochloromethane

Concen: 50.528 ug/l

RT: 11.13 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

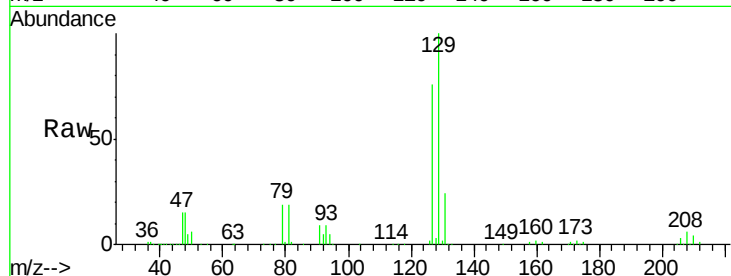
VSTDCCC025 CHECK

Tot Ion:129 Resp: 119739

Ion Ratio Lower Upper

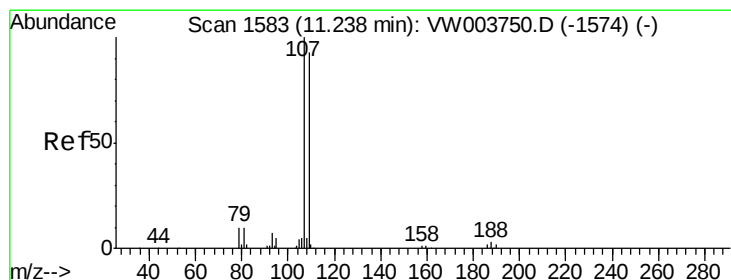
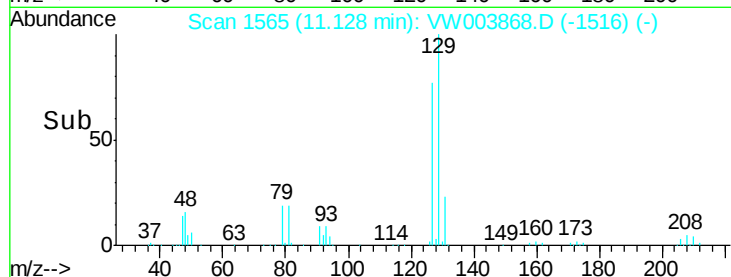
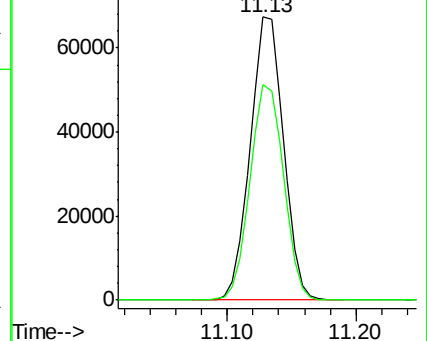
129 100

127 77.0 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.680 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003868.D

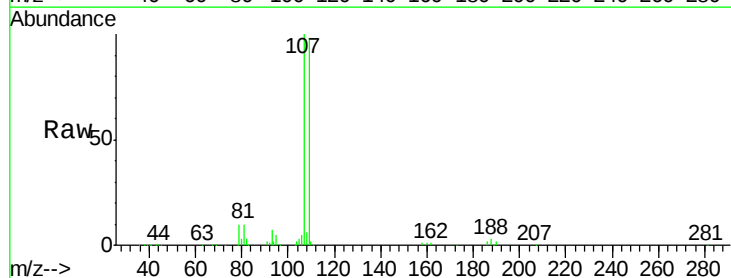
Acq: 11 Jul 2018 13:03

Tgt Ion:107 Resp: 100331

Ion Ratio Lower Upper

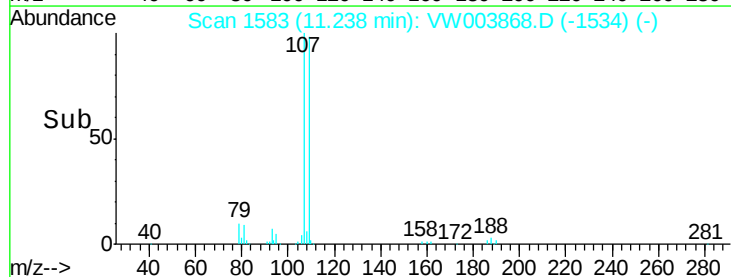
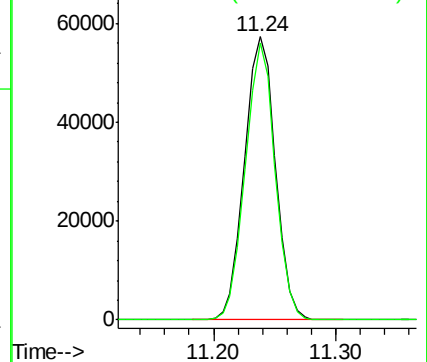
107 100

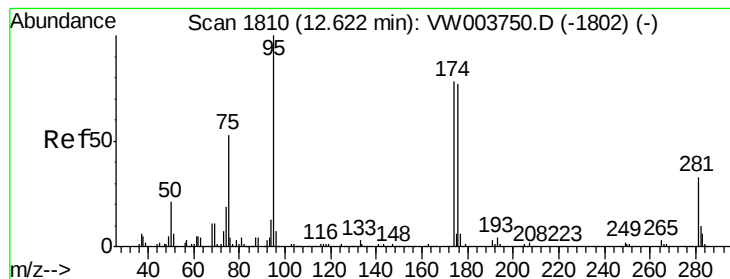
109 94.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 6.784 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.10 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

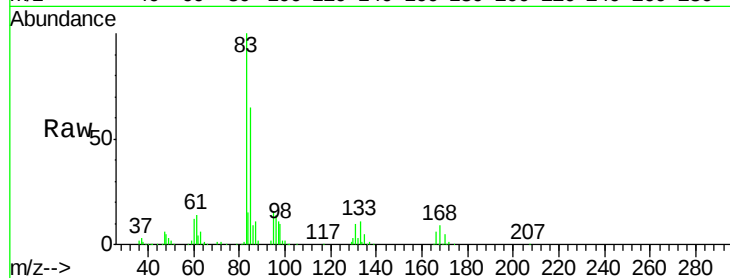
Tot Ion: 95 Resp: 23162

Ion Ratio Lower Upper

95 100

174 6.3 0.0 163.4

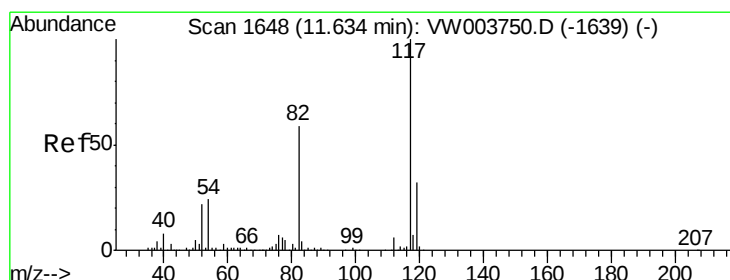
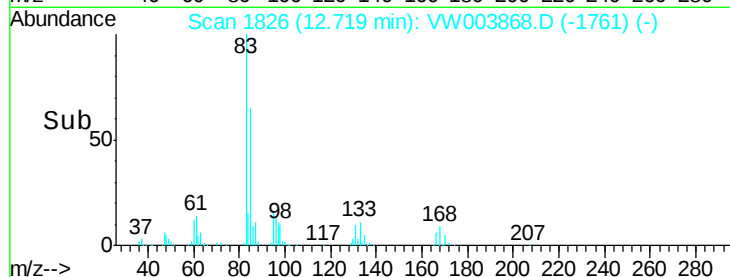
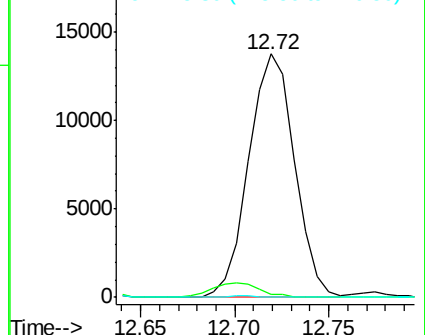
176 0.2 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

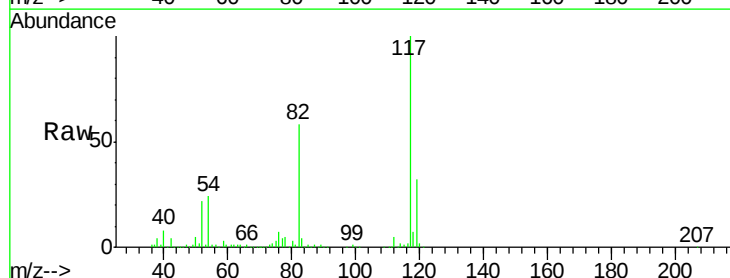
Tgt Ion: 117 Resp: 336766

Ion Ratio Lower Upper

117 100

82 57.8 46.9 70.3

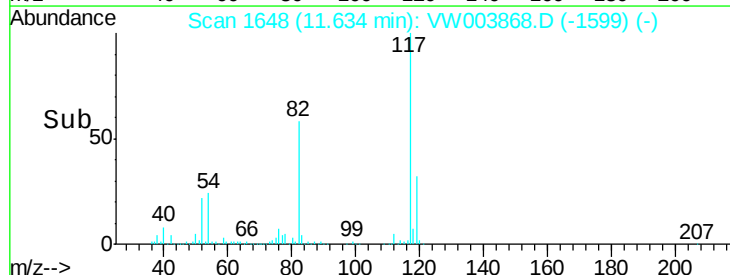
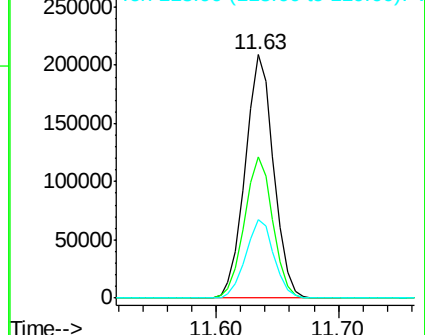
119 32.1 25.5 38.3

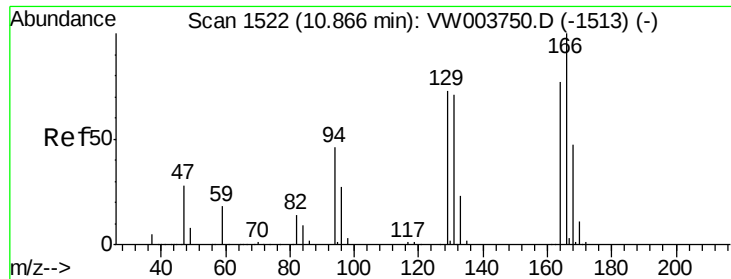


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 40.759 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

Tot Ion:164 Resp: 101533

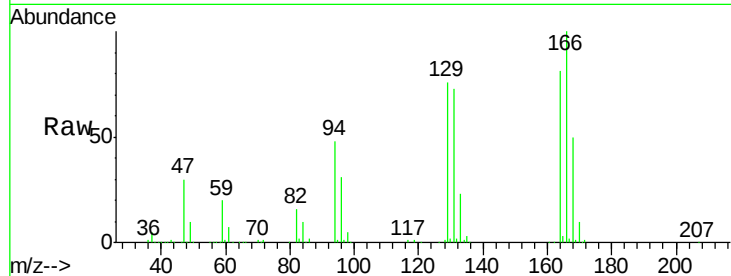
Ion Ratio Lower Upper

164 100

166 124.0 104.2 156.4

129 94.8 75.8 113.8

131 90.2 73.5 110.3

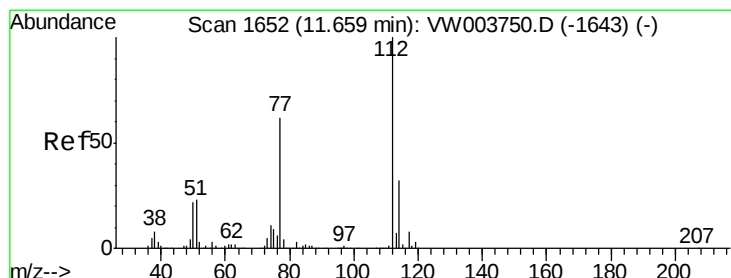
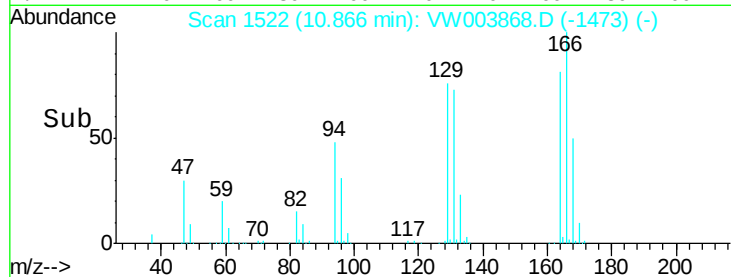
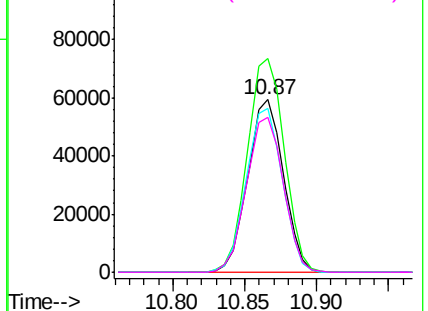


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 45.950 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003868.D

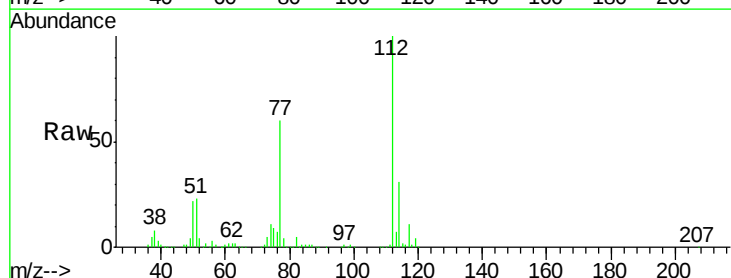
Acq: 11 Jul 2018 13:03

Tgt Ion:112 Resp: 341127

Ion Ratio Lower Upper

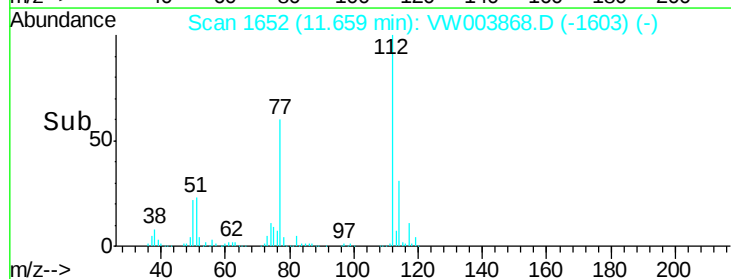
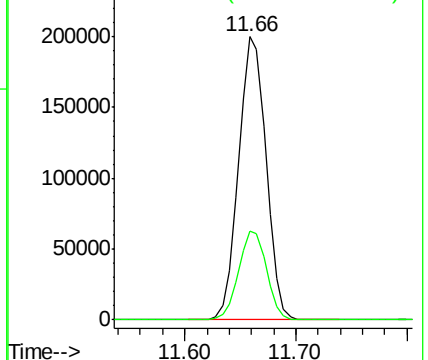
112 100

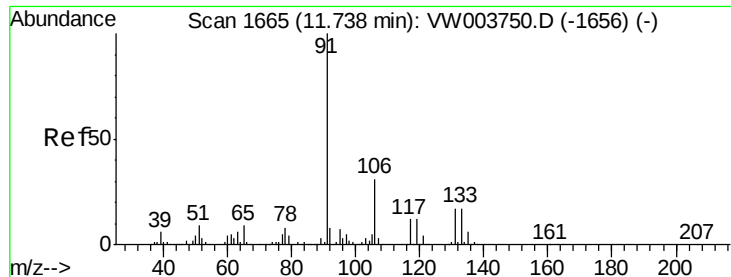
114 31.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

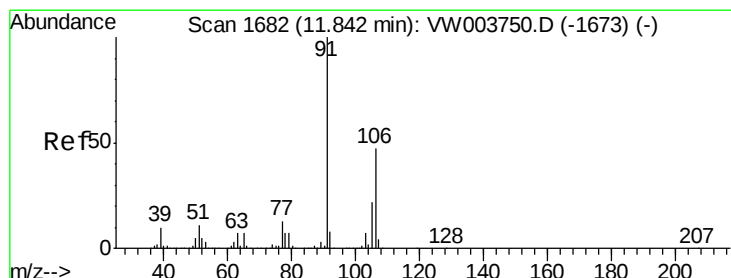
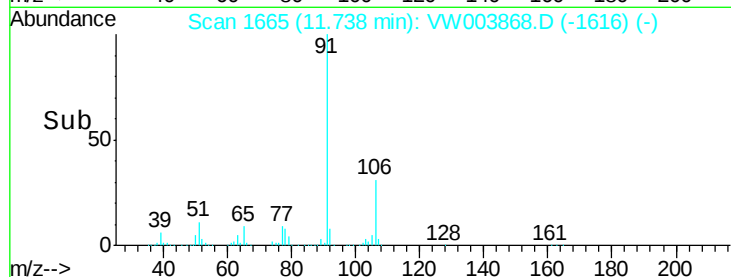
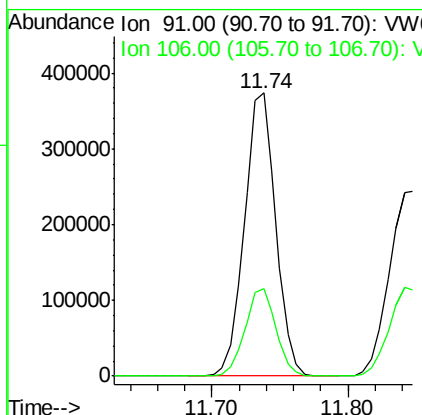
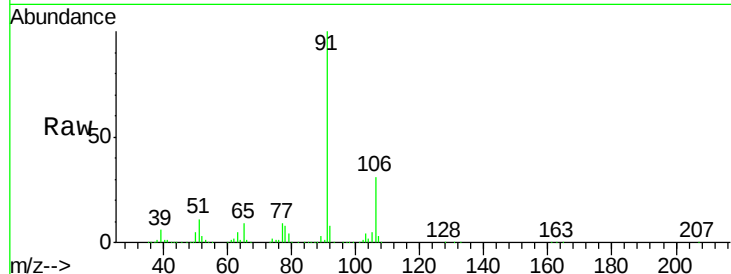




#67
Ethyl Benzene
Concen: 47.273 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

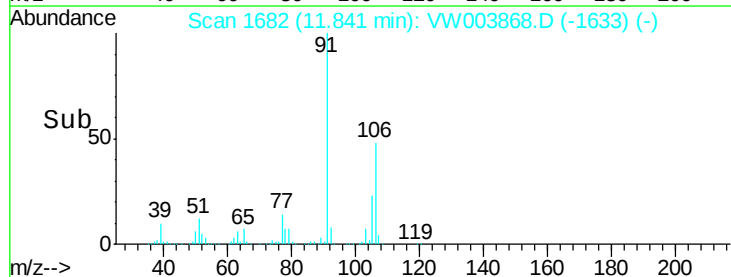
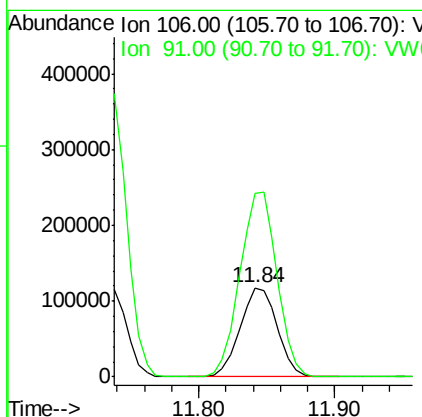
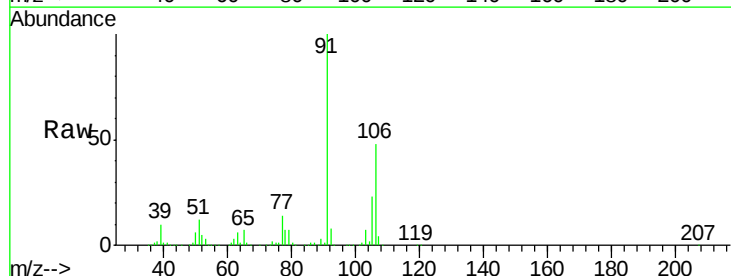
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

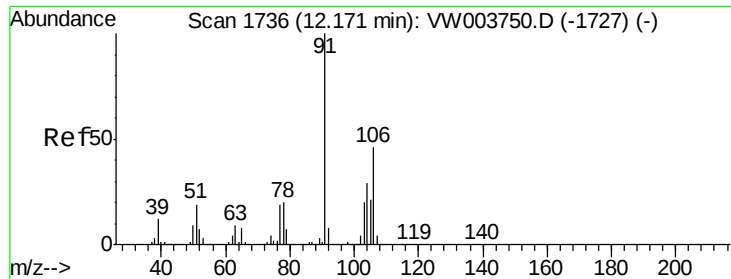
Tot Ion: 91 Resp: 600094
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 46.055 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 106 Resp: 223876
Ion Ratio Lower Upper
106 100
91 206.6 164.3 246.5

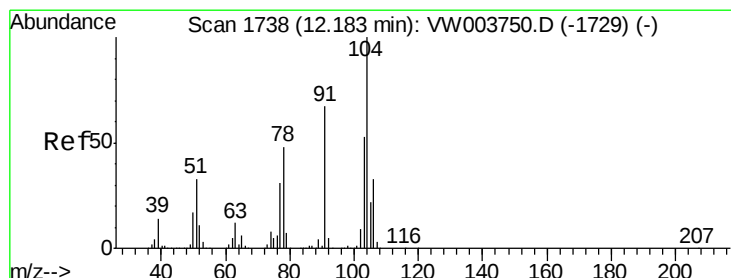
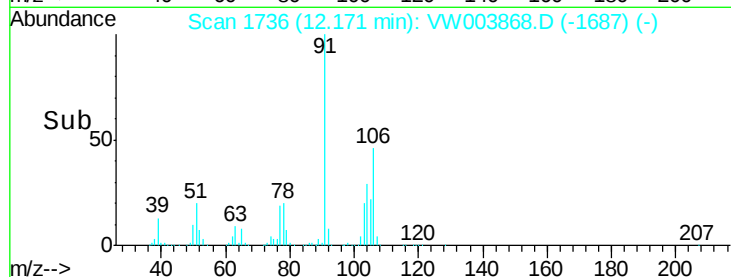
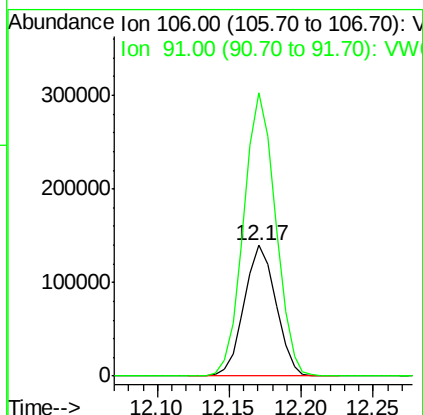
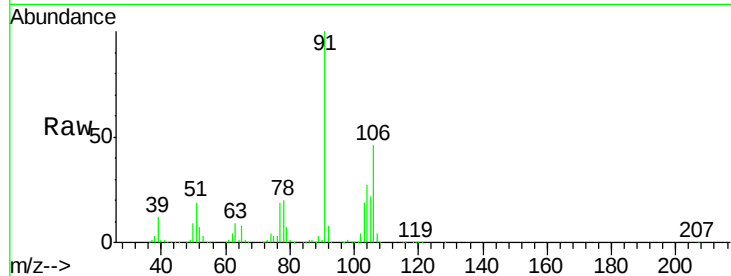




#69
o-Xylene
Concen: 47.791 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

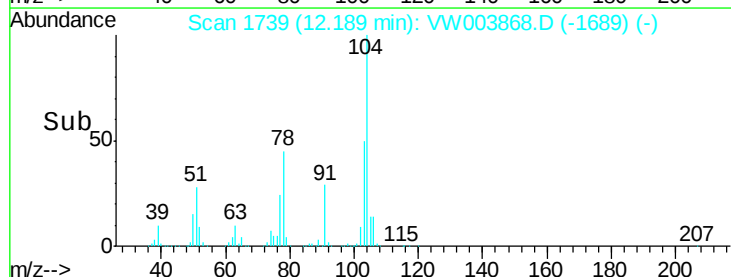
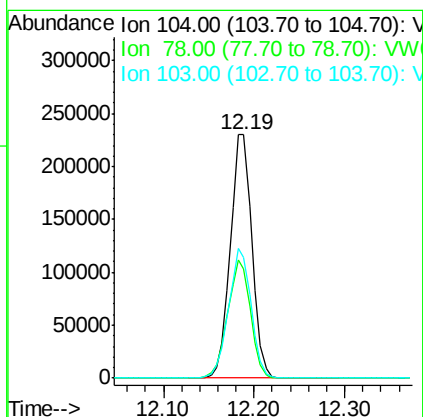
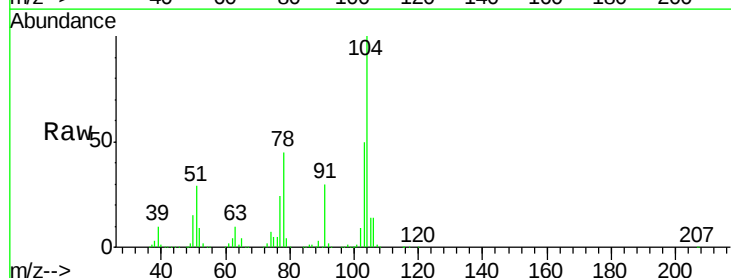
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

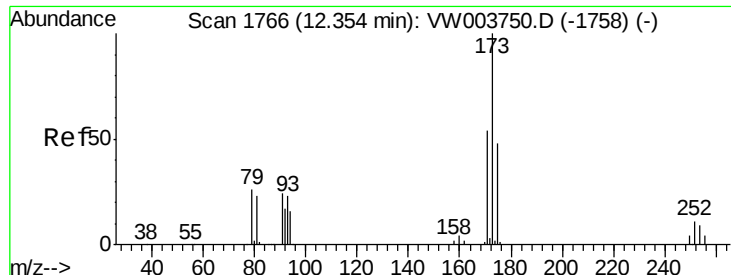
Tot Ion:106 Resp: 214363
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.2



#70
Styrene
Concen: 49.894 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion:104 Resp: 380563
Ion Ratio Lower Upper
104 100
78 51.1 41.1 61.7
103 55.2 44.6 67.0

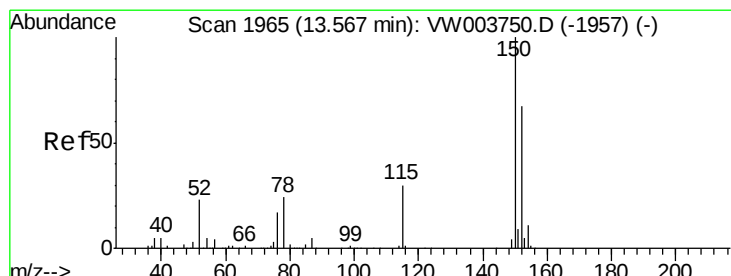
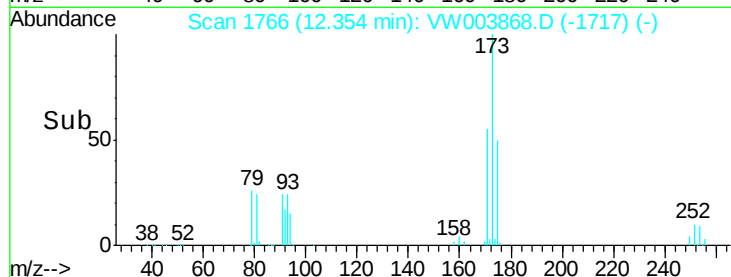
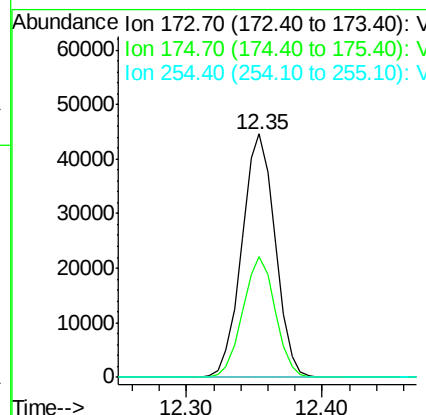
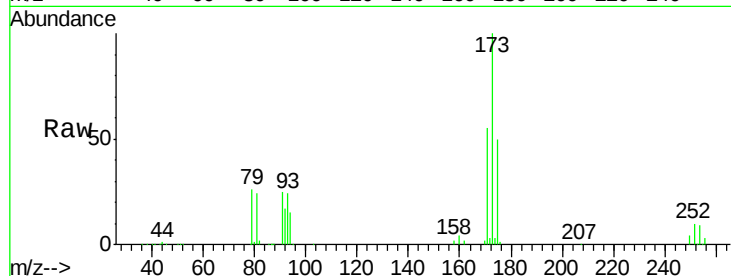




#71
Bromoform
Concen: 53.239 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

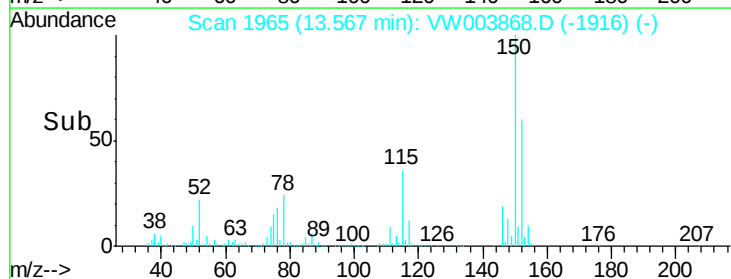
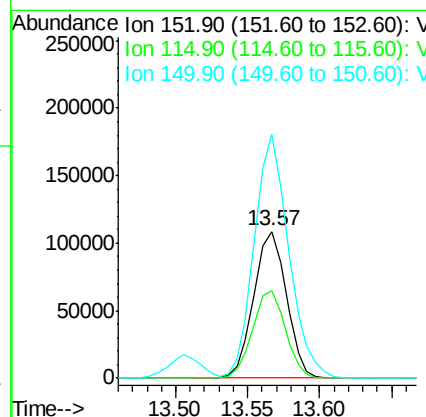
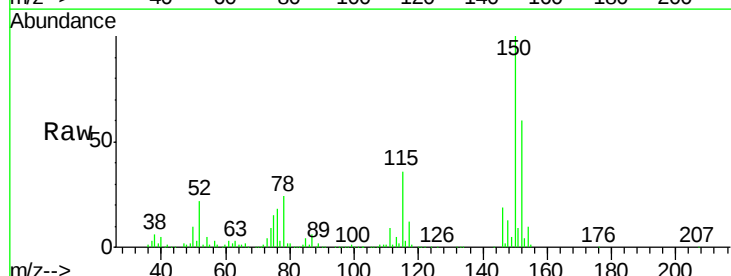
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

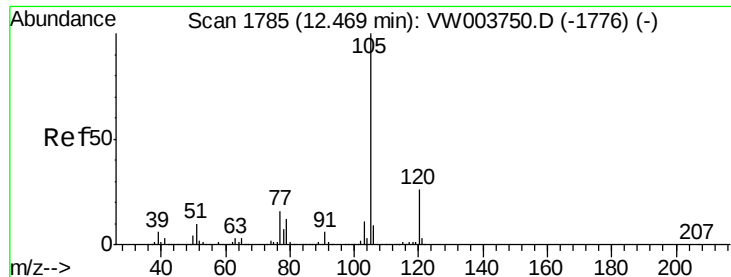
Tot Ion:173 Resp: 76223
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion:152 Resp: 170367
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 175.3 0.0 342.4





#73

Isopropylbenzene

Concen: 50.253 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

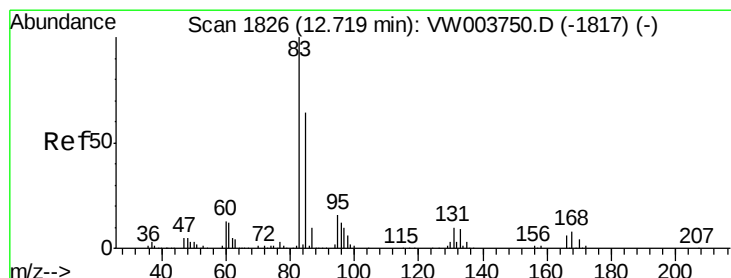
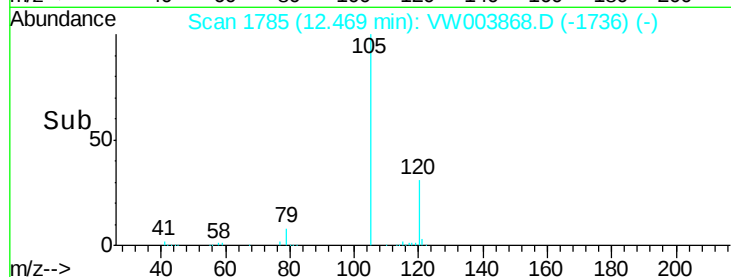
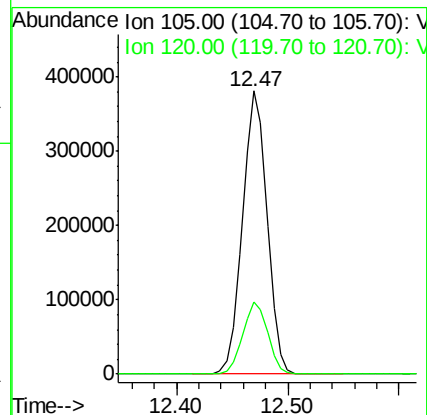
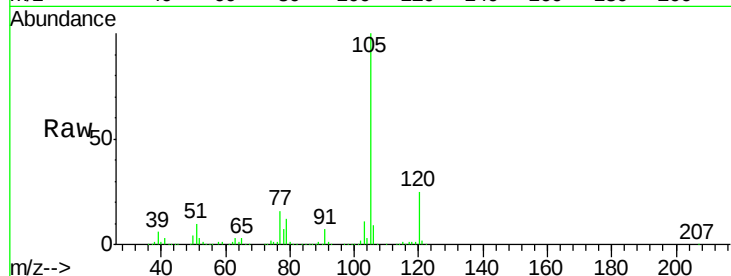
VSTDCCC025 CHECK

Tot Ion:105 Resp: 579812

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



#75

1,1,2,2-Tetrachloroethane

Concen: 60.230 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

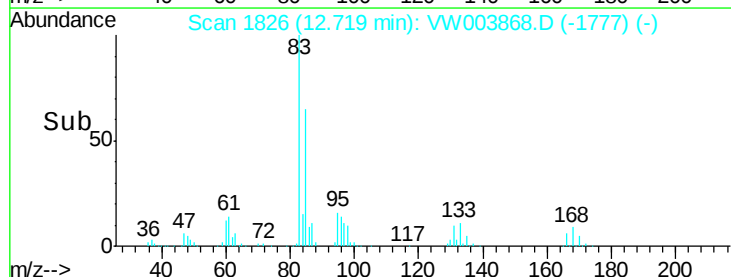
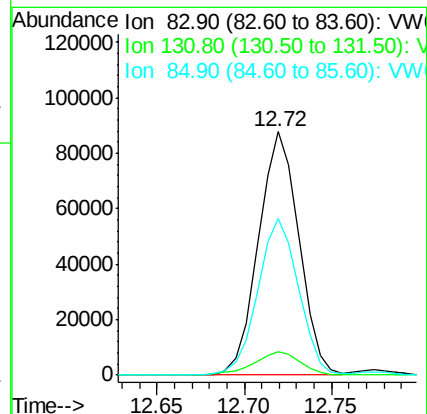
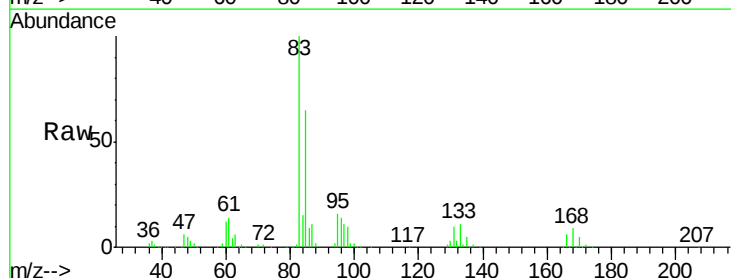
Tgt Ion: 83 Resp: 140876

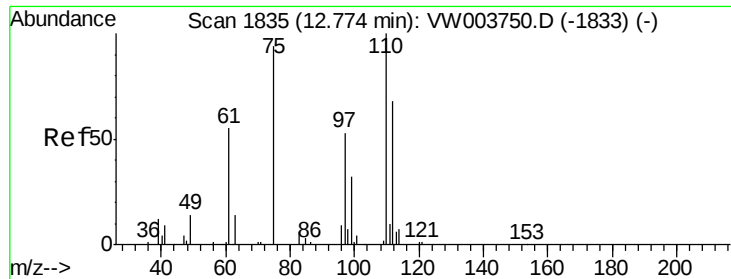
Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

85 65.2 32.1 96.3

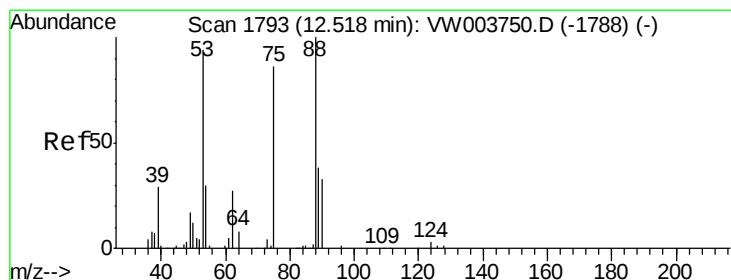
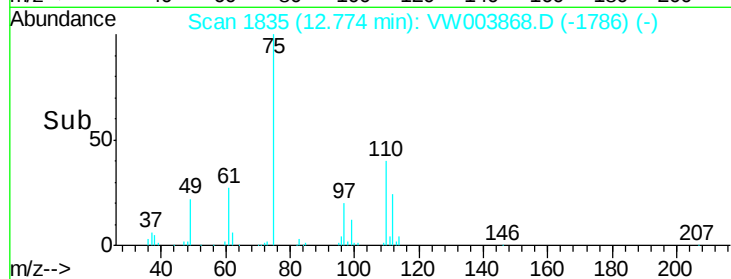
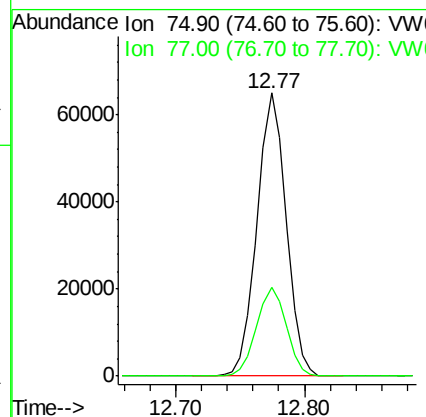
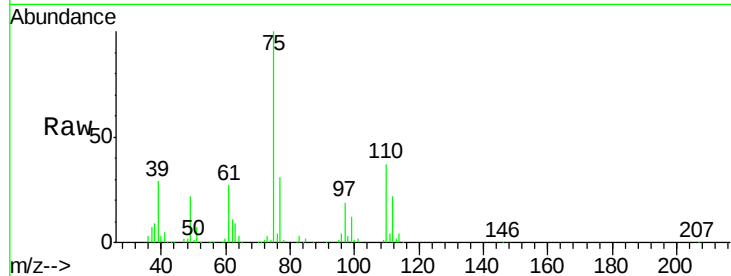




#76
 1,2,3-Trichloropropane
 Concen: 60.590 ug/l
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

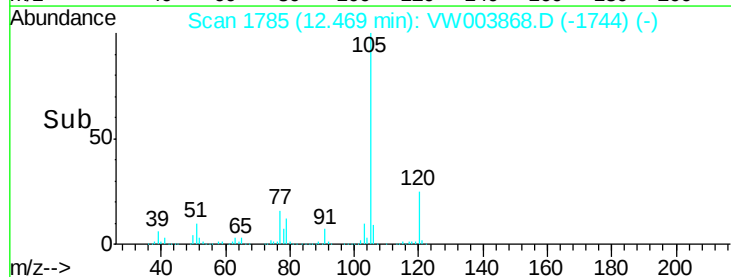
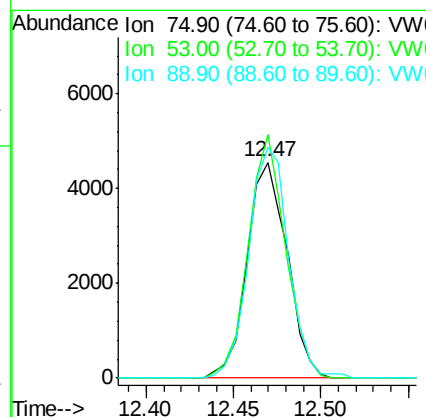
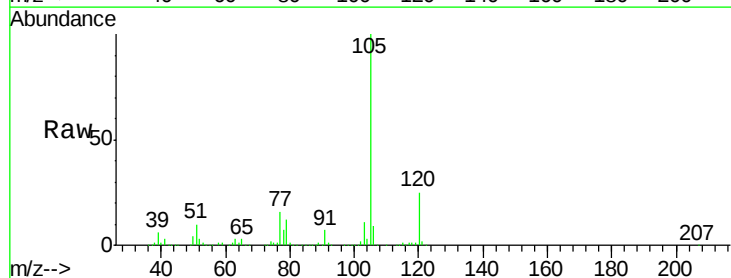
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025 CHECK

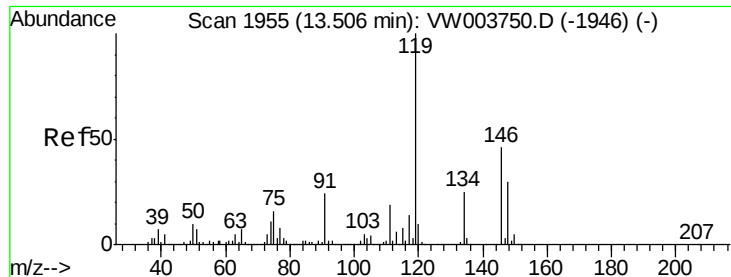
Tot Ion: 75 Resp: 101366
 Ion Ratio Lower Upper
 75 100
 77 32.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.547 ug/l
 RT: 12.47 min Scan# 1785
 Delta R.T. -0.05 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

Tgt Ion: 75 Resp: 7213
 Ion Ratio Lower Upper
 75 100
 53 105.4 85.0 127.6
 89 106.8 36.3 54.5#

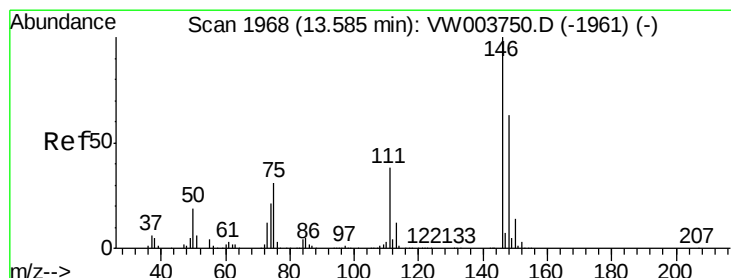
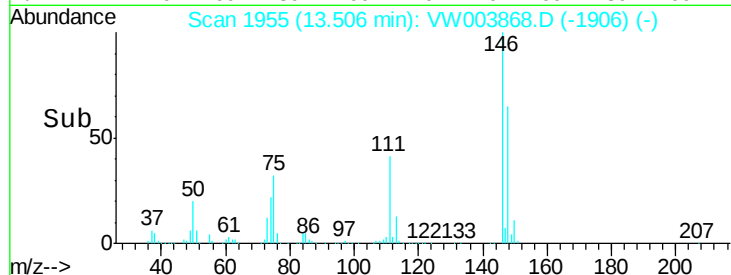
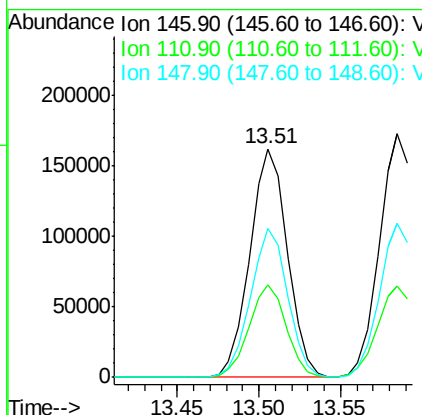
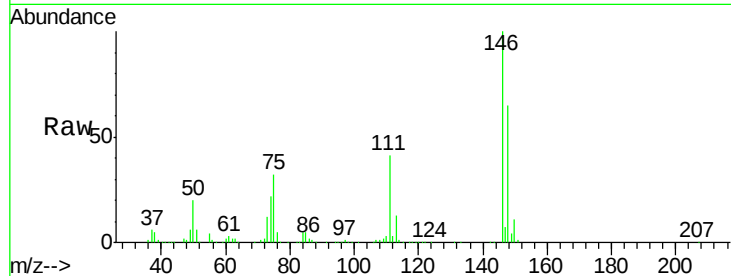




#87
 1,3-Dichlorobenzene
 Concen: 44.769 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

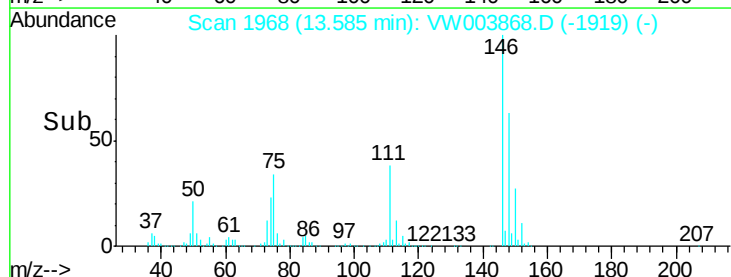
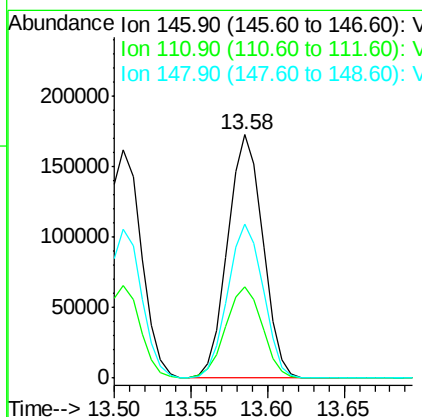
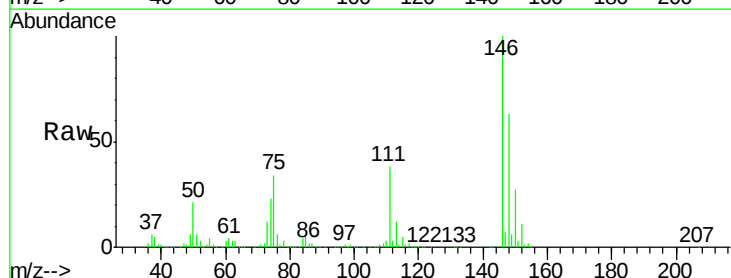
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025 CHECK

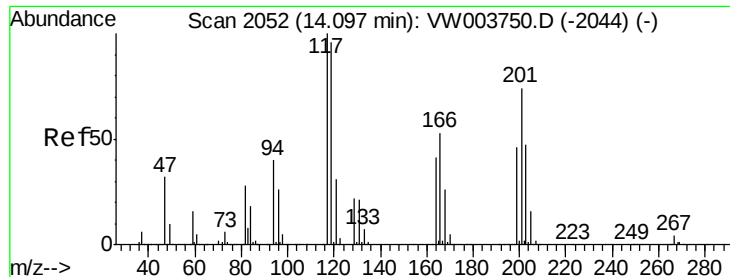
Tot Ion:146 Resp: 259809
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.5
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.149 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003868.D
 Acq: 11 Jul 2018 13:03

Tgt Ion:146 Resp: 275149
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.4
 148 64.0 31.9 95.7





#90

Hexachloroethane

Concen: 15.251 ug/l

RT: 13.86 min Scan# 2013

Delta R.T. -0.24 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

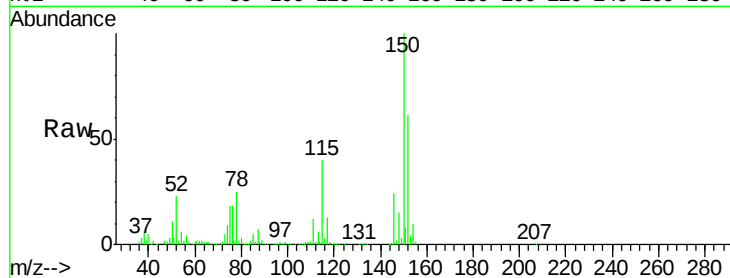
VSTDCCC025 CHECK

Tot Ion:117 Resp: 31493

Ion Ratio Lower Upper

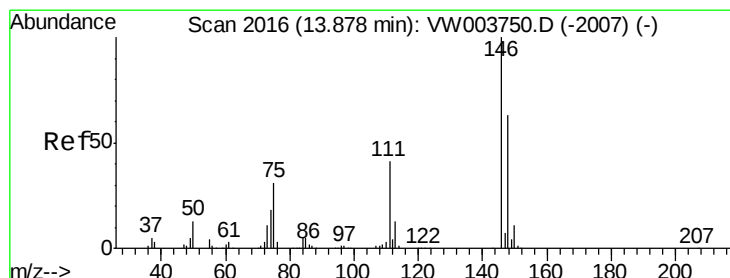
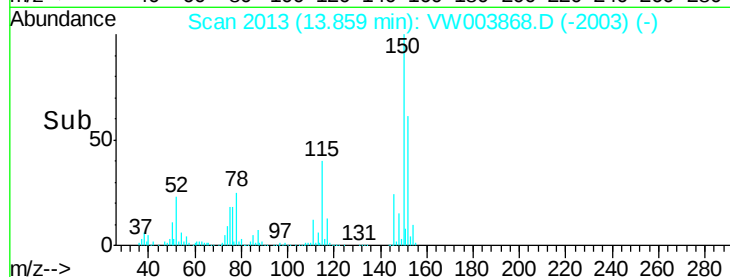
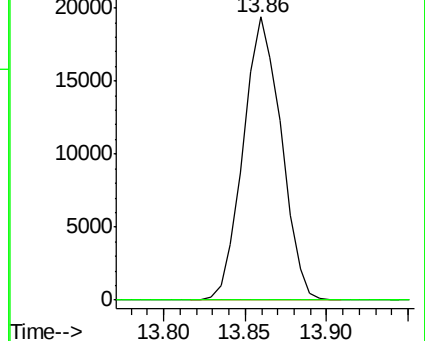
117 100

201 0.0 39.2 117.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.817 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

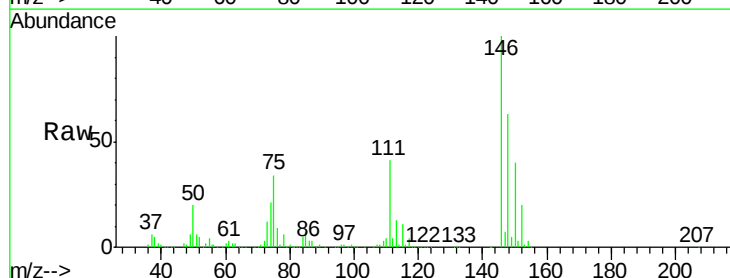
Tgt Ion:146 Resp: 254987

Ion Ratio Lower Upper

146 100

111 41.7 20.7 62.1

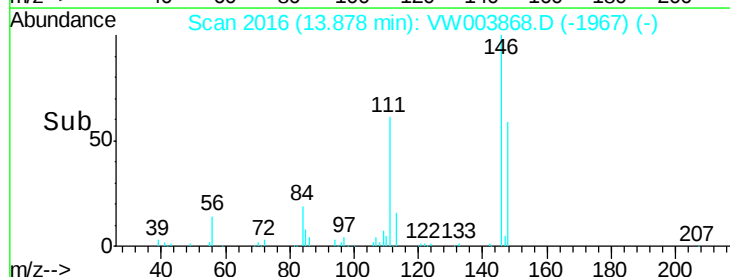
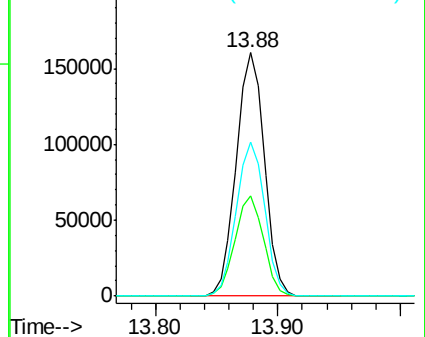
148 63.8 31.9 95.9

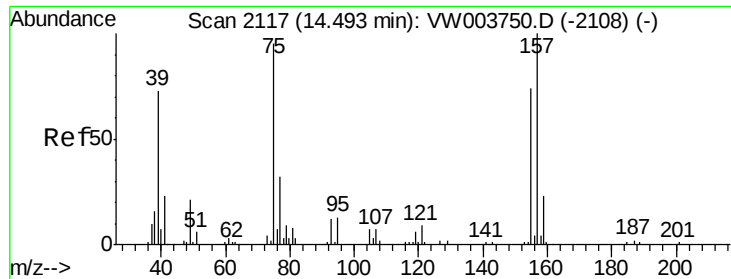


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 59.506 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC025 CHECK

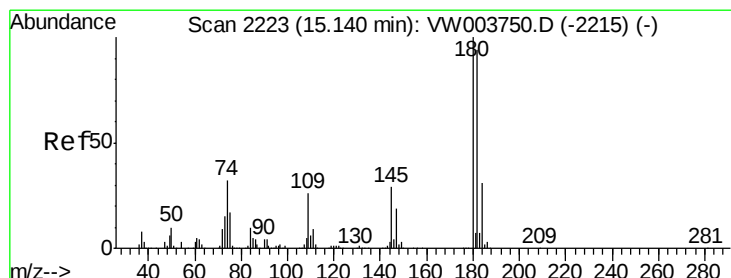
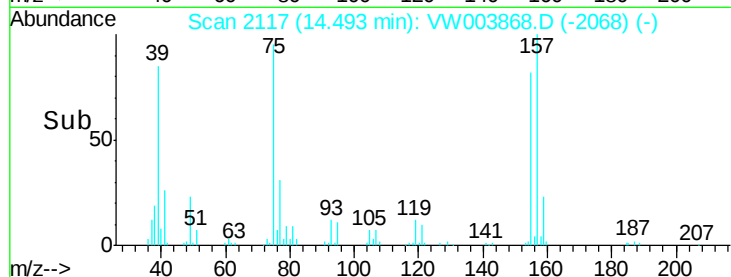
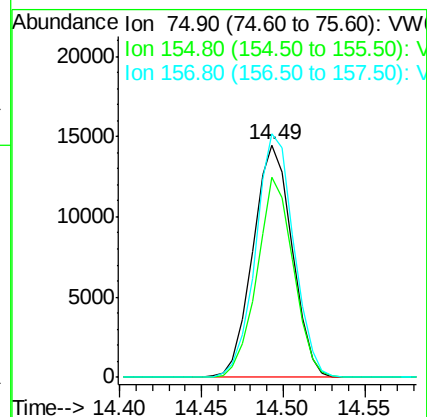
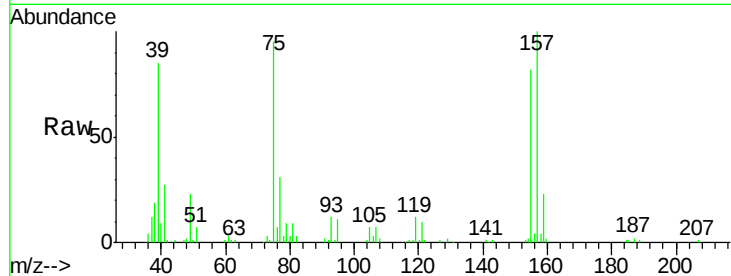
Tot Ion: 75 Resp: 24092

Ion Ratio Lower Upper

75 100

155 79.9 39.2 117.6

157 102.1 50.7 152.1



#93

1,2,4-Trichlorobenzene

Concen: 46.407 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.01 min

Lab File: VW003868.D

Acq: 11 Jul 2018 13:03

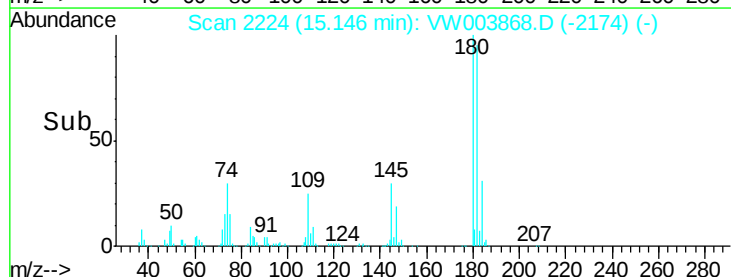
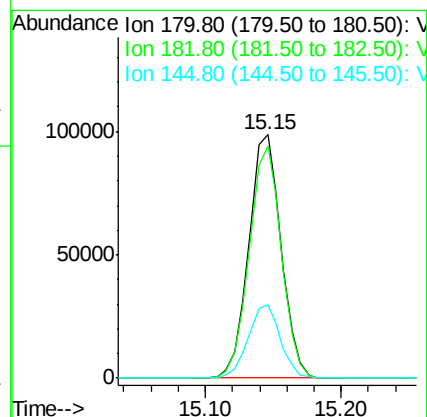
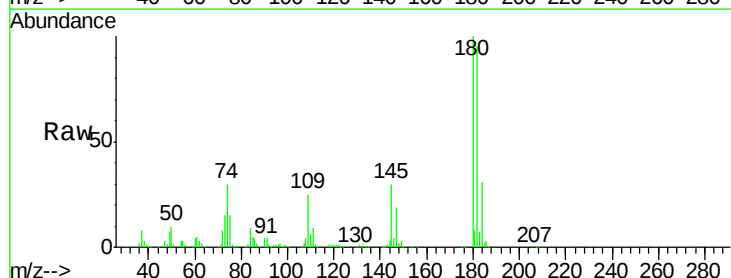
Tgt Ion: 180 Resp: 164074

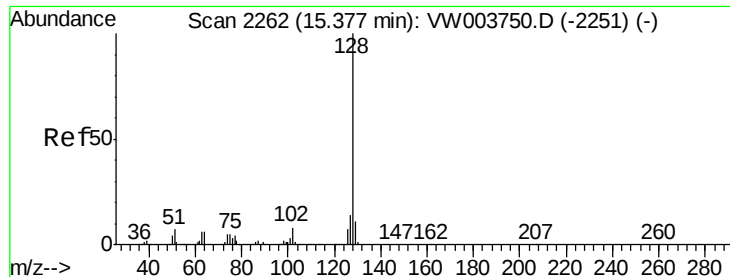
Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.2

145 30.0 15.0 45.0

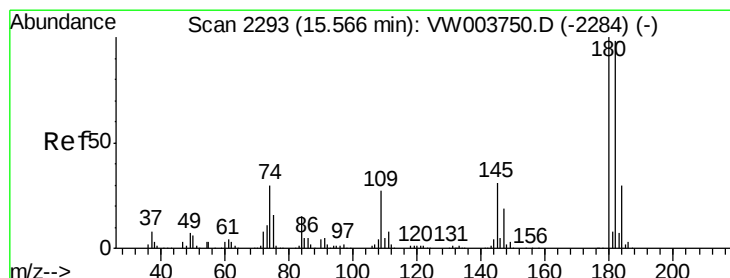
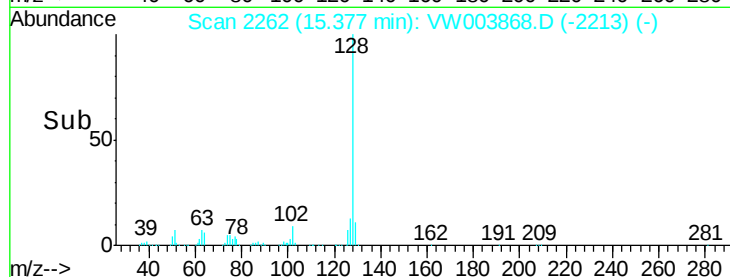
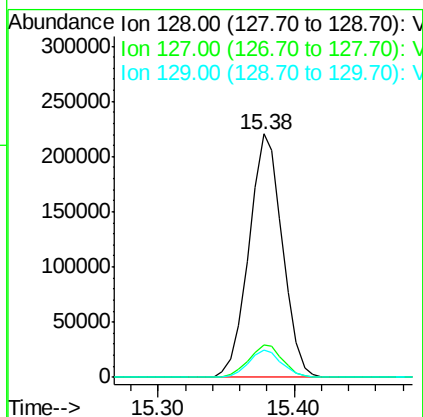
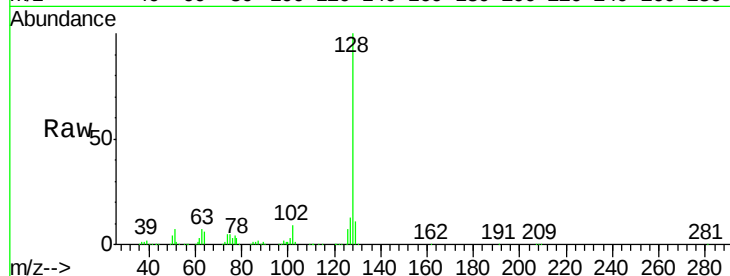




#95
Naphthalene
Concen: 60.099 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC025 CHECK

Tot Ion:128 Resp: 379763
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.183 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003868.D
Acq: 11 Jul 2018 13:03

Tgt Ion:180 Resp: 158867
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.3
145 32.8 15.8 47.4

