

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003578.D
 Acq On : 26 Jun 2018 18:56
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121931	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.88	113	109967	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
50) Toluene-d8	10.33	98	435927	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
62) 4-Bromofluorobenzene	12.63	95	156010	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38125	59.966	ug/l	89
3) Chloromethane	2.21	50	72666	45.236	ug/l	95
4) Vinyl Chloride	2.36	62	105924	45.233	ug/l	100
5) Bromomethane	2.78	94	69050	44.364	ug/l	99
6) Chloroethane	2.92	64	70253	43.099	ug/l	95
7) Trichlorofluoromethane	3.25	101	67442	48.073	ug/l	100
8) Diethyl Ether	3.68	74	48414	46.977	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95862	49.208	ug/l	100
10) Methyl Iodide	4.26	142	139841	47.466	ug/l	99
11) Tert butyl alcohol	5.23	59	26100	213.649	ug/l	97
12) 1,1-Dichloroethene	4.03	96	90113	47.336	ug/l	98
13) Acrolein	3.89	56	38656	221.320	ug/l	95
14) Allyl chloride	4.66	41	157472	47.754	ug/l	99
15) Acrylonitrile	5.38	53	102517	241.778	ug/l	99
16) Acetone	4.14	43	101355	212.158	ug/l	100
17) Carbon Disulfide	4.37	76	262993	46.728	ug/l	99
18) Methyl Acetate	4.67	43	57353	50.606	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	173983	48.795	ug/l	100
20) Methylene Chloride	4.91	84	107380	53.143	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	98330	47.460	ug/l	98
22) Diisopropyl ether	6.31	45	334761	50.441	ug/l	98
23) Vinyl Acetate	6.26	43	932323	243.779	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195310	49.573	ug/l	97
25) 2-Butanone	7.18	43	139453	234.749	ug/l	98
26) 2,2-Dichloropropane	7.17	77	118762	45.167	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	111666	49.063	ug/l	99
28) Bromochloromethane	7.51	49	94317	57.527	ug/l	97
29) Tetrahydrofuran	7.54	42	87814	241.870	ug/l	98
30) Chloroform	7.68	83	201857	50.290	ug/l	100
31) Cyclohexane	7.95	56	167424	45.486	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	163199	49.258	ug/l	100
36) 1,1-Dichloropropene	8.09	75	155760	50.707	ug/l	99
37) Ethyl Acetate	7.26	43	63497	49.897	ug/l	98
38) Carbon Tetrachloride	8.07	117	154811	51.379	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178802	50.306	ug/l	98
40) Benzene	8.32	78	434728	51.343	ug/l	100
41) Methacrylonitrile	7.49	41	35469	45.420	ug/l	92
42) 1,2-Dichloroethane	8.40	62	137390	51.791	ug/l	98
43) Isopropyl Acetate	8.43	43	123001	48.678	ug/l	98
44) Trichloroethene	9.09	130	112330	50.067	ug/l	99
45) 1,2-Dichloropropane	9.37	63	112327	52.103	ug/l	98
46) Dibromomethane	9.46	93	55681	50.447	ug/l	98
47) Bromodichloromethane	9.65	83	146757	51.872	ug/l	99
48) Methyl methacrylate	9.44	41	60207	50.701	ug/l	96
49) 1,4-Dioxane	9.48	88	16036	962.238	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	326991	253.963	ug/l	100
52) Toluene	10.39	92	277499	51.108	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	145190	50.238	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	166385	50.583	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79239	50.947	ug/l	97
56) Ethyl methacrylate	10.65	69	94929	50.262	ug/l	97
57) 1,3-Dichloropropane	10.94	76	137724	51.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	215853	254.947	ug/l	98
59) 2-Hexanone	10.98	43	229071	254.673	ug/l	100
60) Dibromochloromethane	11.13	129	96436	52.138	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73725	50.112	ug/l	99
64) Tetrachloroethene	10.87	164	97625	48.508	ug/l	98
65) Chlorobenzene	11.66	112	304650	48.620	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	109283	49.629	ug/l	99
67) Ethyl Benzene	11.74	91	551139	49.620	ug/l	100
68) m/p-Xylenes	11.85	106	425840	100.857	ug/l	100
69) o-Xylene	12.17	106	198756	50.793	ug/l	99
70) Styrene	12.19	104	338172	51.921	ug/l	99
71) Bromoform	12.35	173	54682	47.916	ug/l #	99
73) Isopropylbenzene	12.47	105	558844	48.907	ug/l	100
74) N-amyl acetate	12.28	43	123960	47.661	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94103	48.678	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	125746	89.534	ug/l #	100
77) Bromobenzene	12.76	156	128686	48.357	ug/l	99
78) n-propylbenzene	12.81	91	699871	50.020	ug/l	99
79) 2-Chlorotoluene	12.90	91	391073	49.458	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	479741	50.018	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28553	46.781	ug/l	97
82) 4-Chlorotoluene	12.99	91	410603	48.951	ug/l	99
83) tert-Butylbenzene	13.21	119	404012	49.427	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	496835	50.357	ug/l	99
85) sec-Butylbenzene	13.39	105	607290	49.984	ug/l	100
86) p-Isopropyltoluene	13.51	119	536699	50.084	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	266877	48.817	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	262456	48.291	ug/l	100
89) n-Butylbenzene	13.83	91	523010	50.070	ug/l	99
90) Hexachloroethane	14.10	117	95822	49.431	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	235209	49.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15429	47.427	ug/l	98

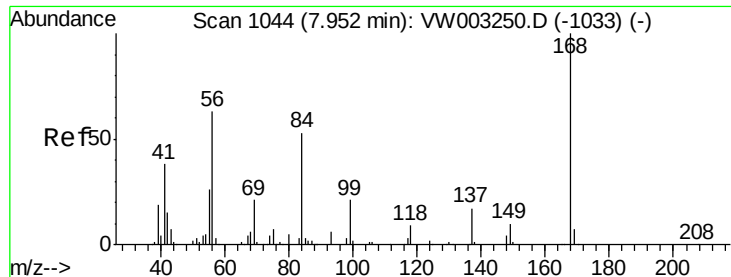
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	163874	48.746	ug/l	98
94) Hexachlorobutadiene	15.25	225	98301	48.611	ug/l	99
95) Naphthalene	15.38	128	279812	49.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	144308	48.768	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

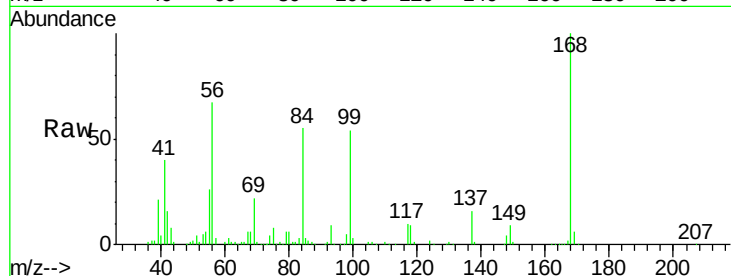
VSTDCCC050

Tgt Ion:168 Resp: 210298

Ion Ratio Lower Upper

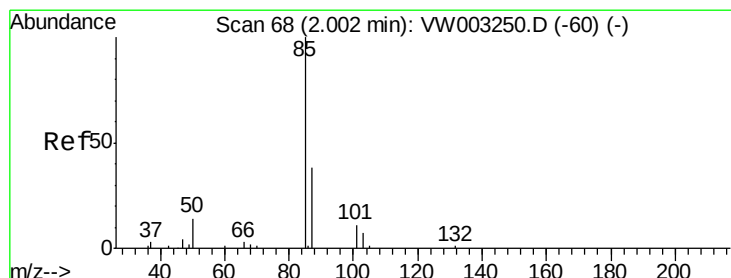
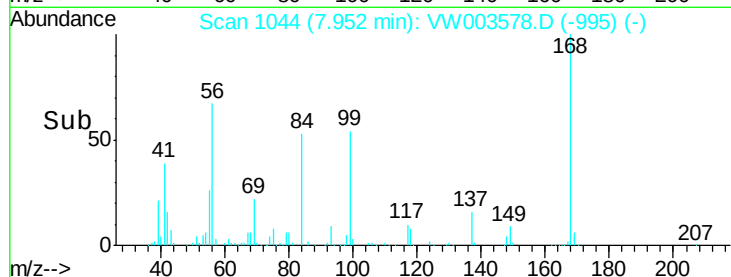
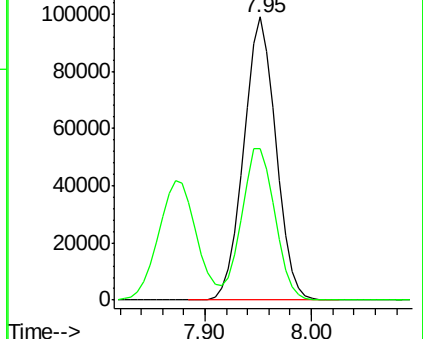
168 100

99 53.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 59.966 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003578.D

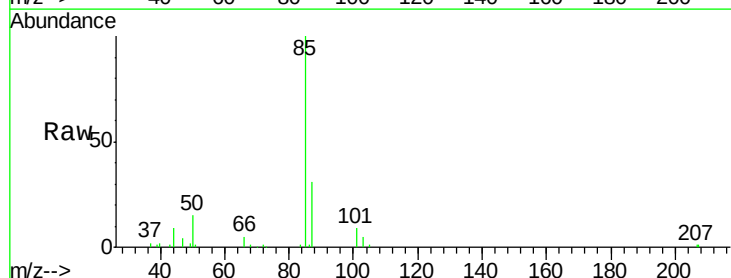
Acq: 26 Jun 2018 18:56

Tgt Ion: 85 Resp: 38125

Ion Ratio Lower Upper

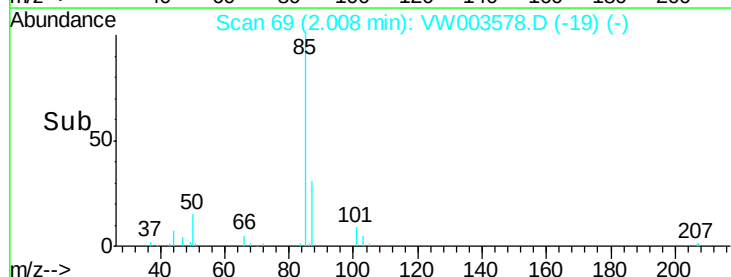
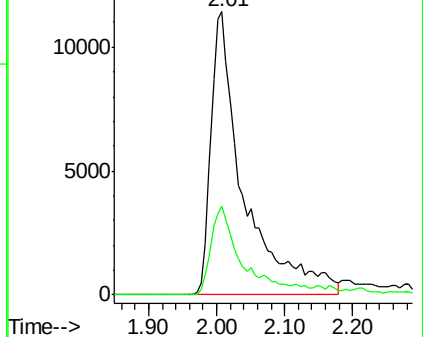
85 100

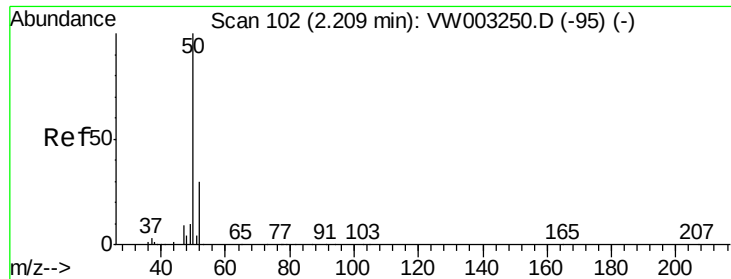
87 31.2 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.236 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

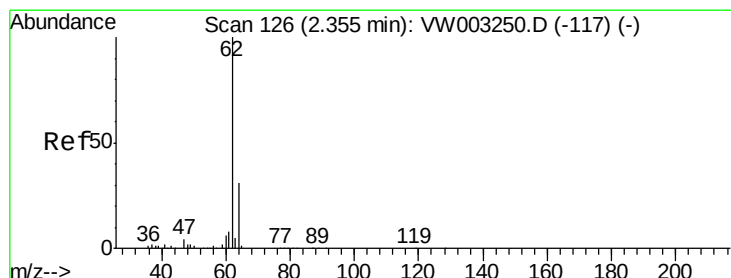
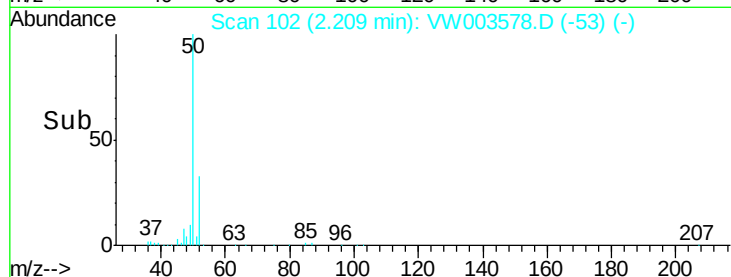
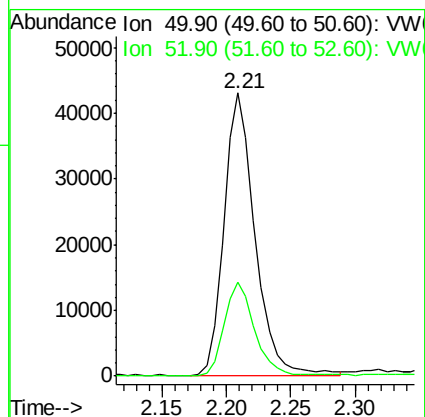
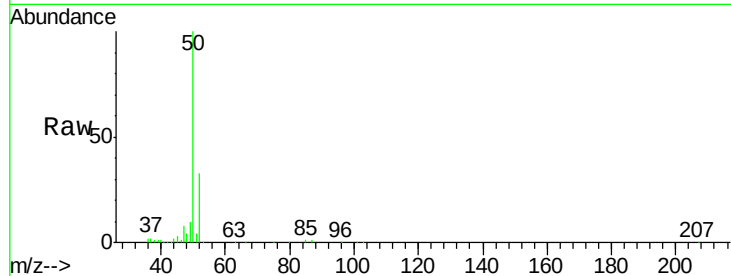
VSTDCCC050

Tgt Ion: 50 Resp: 72666

Ion Ratio Lower Upper

50 100

52 33.1 24.2 36.2



#4

Vinyl Chloride

Concen: 45.233 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003578.D

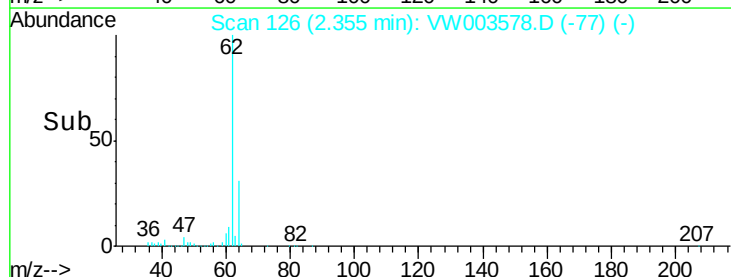
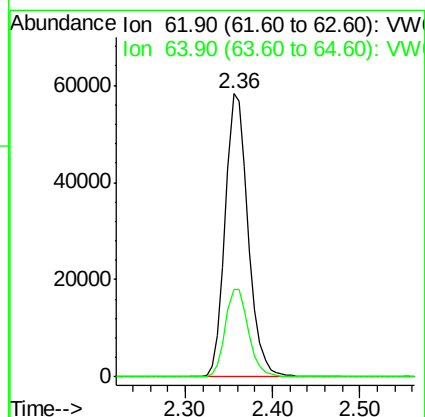
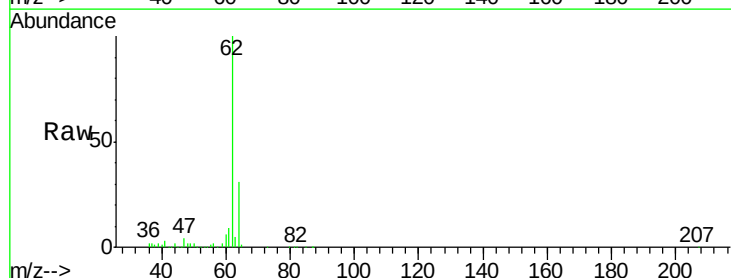
Acq: 26 Jun 2018 18:56

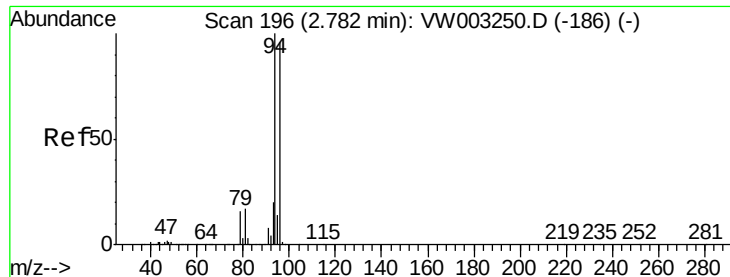
Tgt Ion: 62 Resp: 105924

Ion Ratio Lower Upper

62 100

64 30.9 24.9 37.3





#5

Bromomethane

Concen: 44.364 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

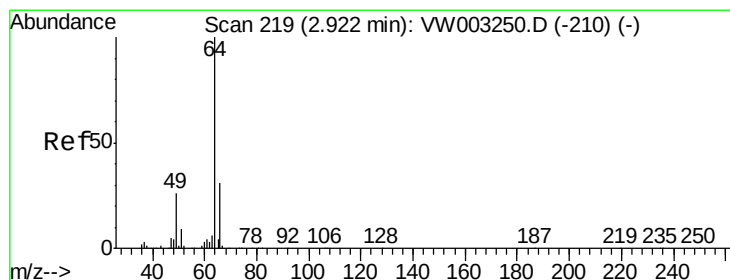
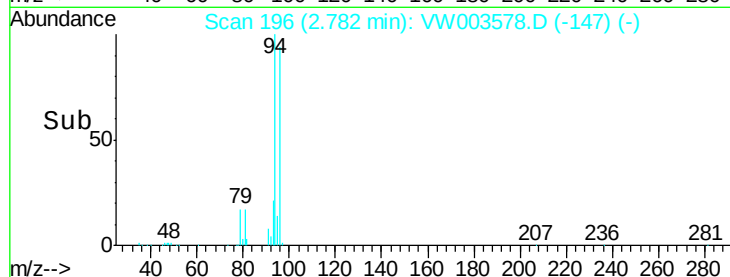
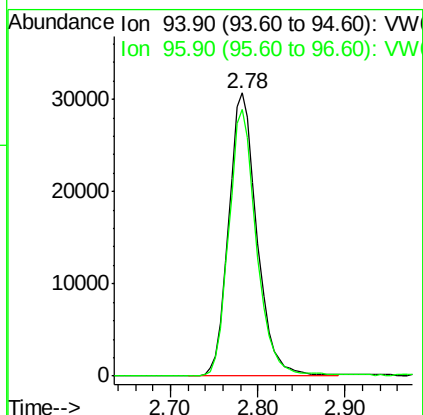
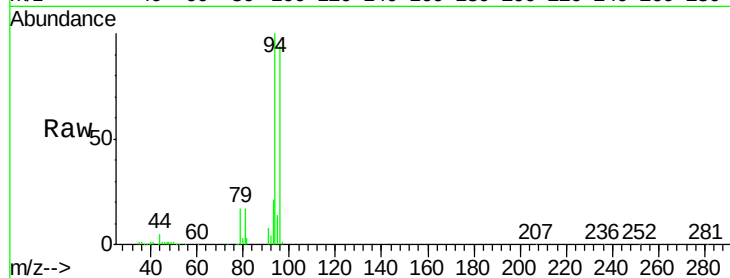
VSTDCCC050

Tgt Ion: 94 Resp: 69050

Ion Ratio Lower Upper

94 100

96 94.2 76.5 114.7



#6

Chloroethane

Concen: 43.099 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003578.D

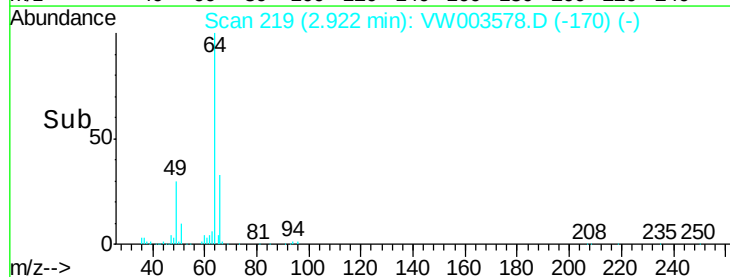
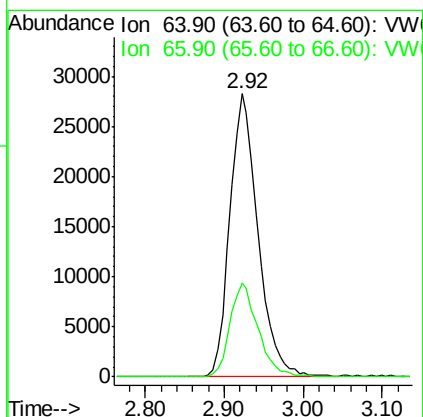
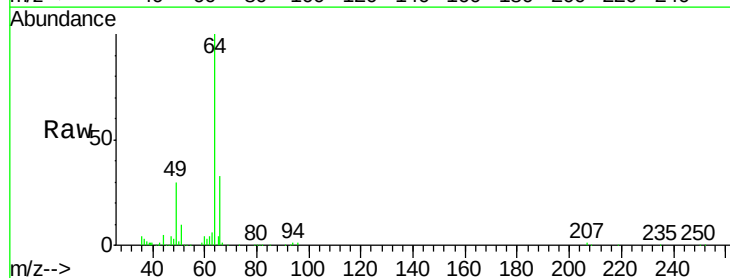
Acq: 26 Jun 2018 18:56

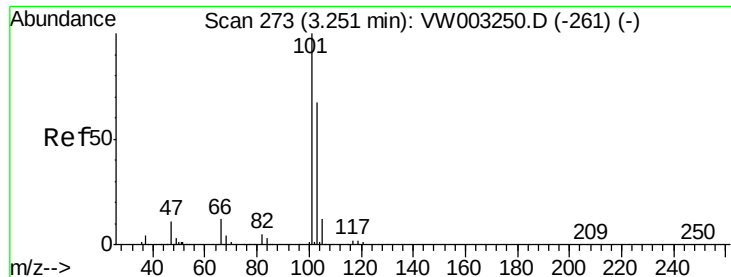
Tgt Ion: 64 Resp: 70253

Ion Ratio Lower Upper

64 100

66 33.2 24.4 36.6



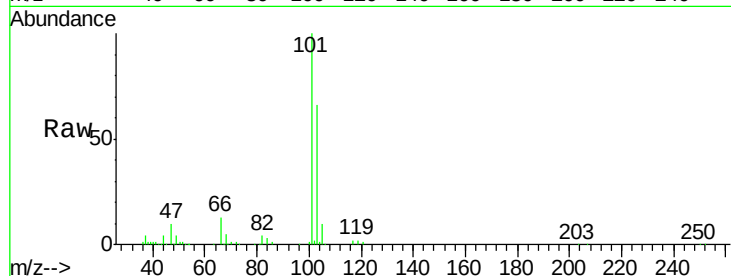


#7

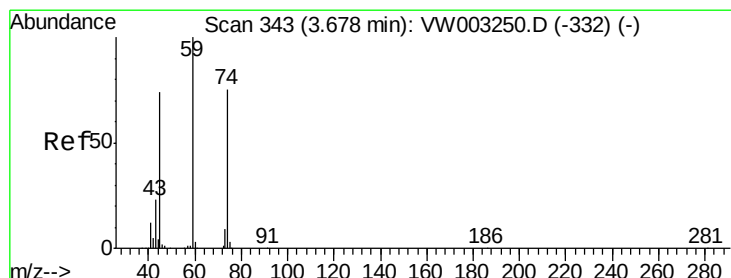
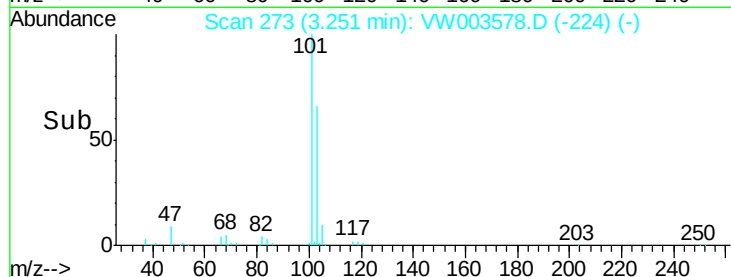
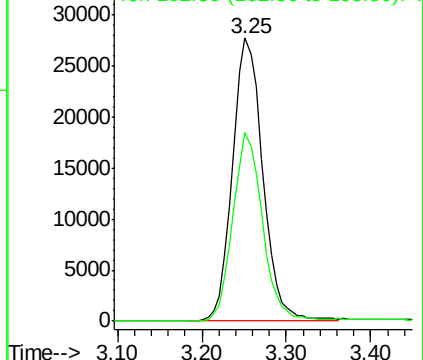
Trichlorofluoromethane
Concen: 48.073 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 67442
Ion Ratio Lower Upper
101 100
103 66.5 53.4 80.0



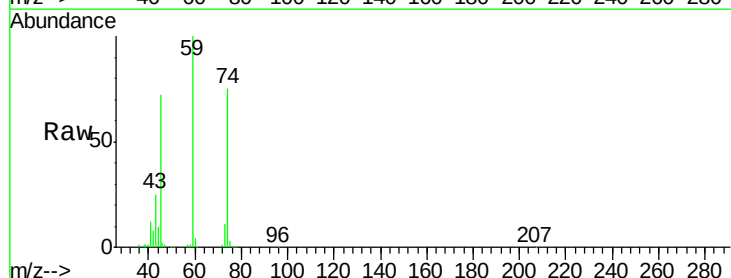
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



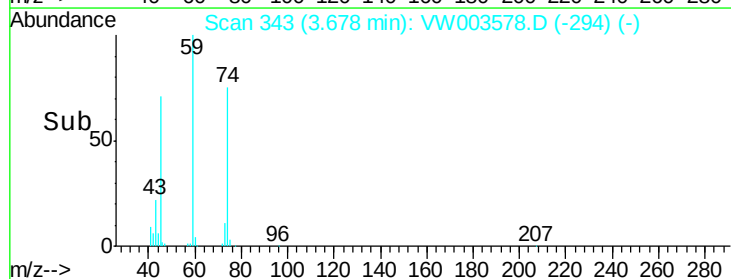
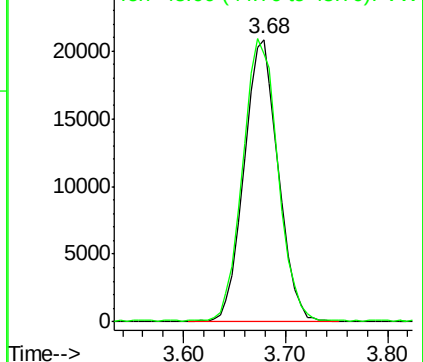
#8

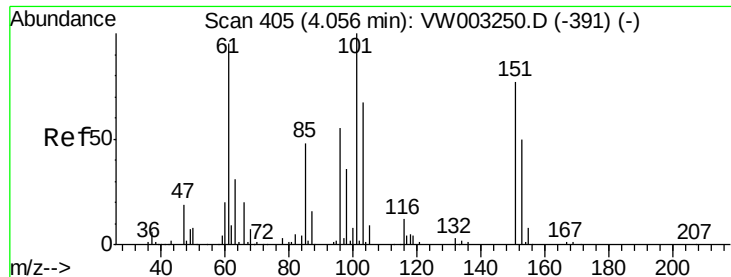
Diethyl Ether
Concen: 46.977 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 74 Resp: 48414
Ion Ratio Lower Upper
74 100
45 103.6 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.208 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

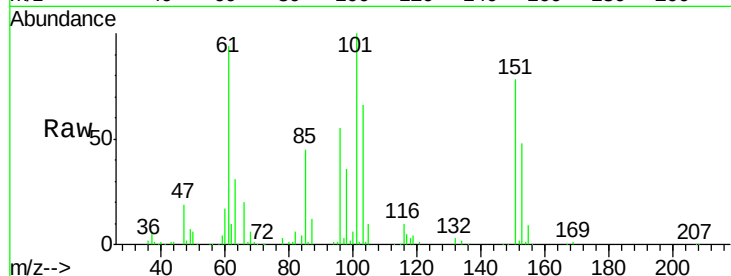
Tgt Ion:101 Resp: 95862

Ion Ratio Lower Upper

101 100

85 45.9 37.0 55.6

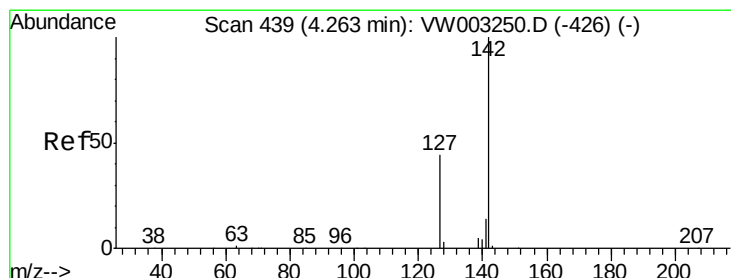
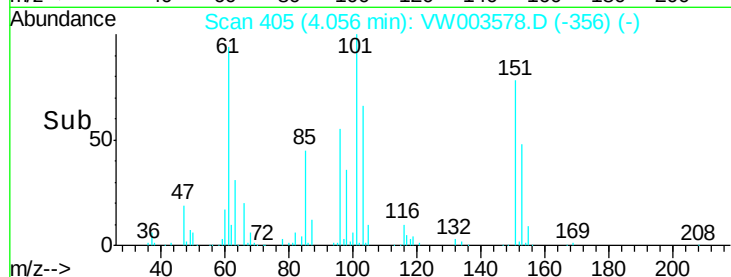
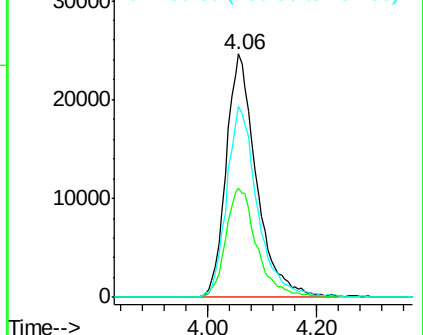
151 79.1 63.3 94.9



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: 47.466 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

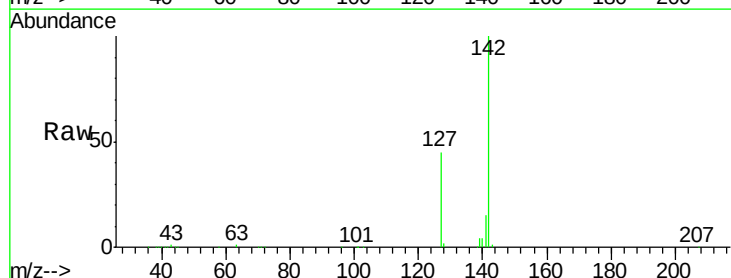
Tgt Ion:142 Resp: 139841

Ion Ratio Lower Upper

142 100

127 45.1 36.5 54.7

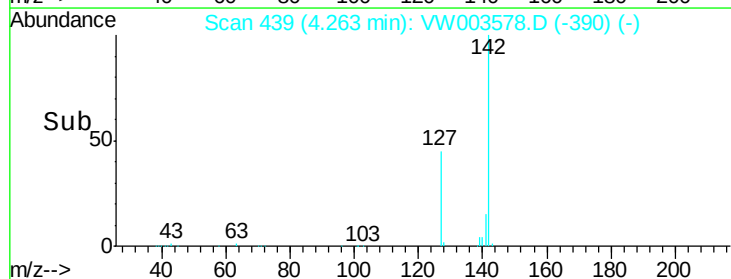
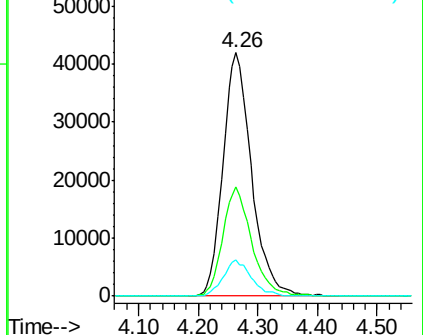
141 14.8 12.1 18.1

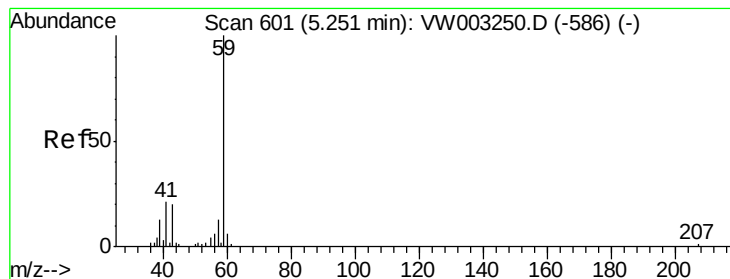


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



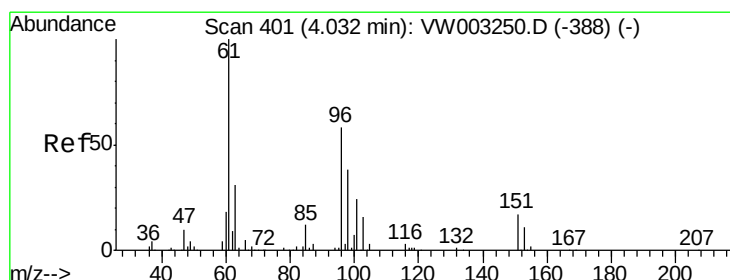
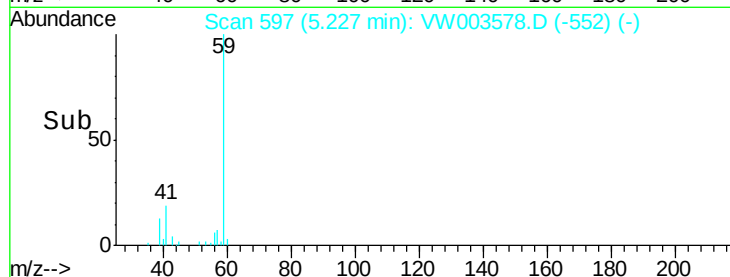
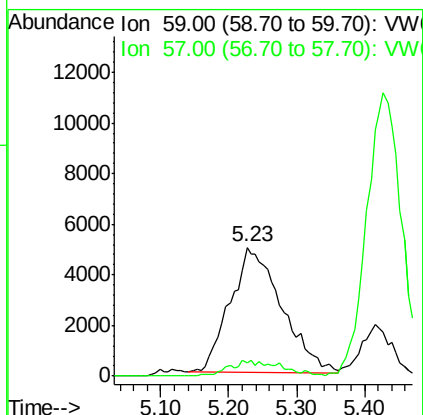
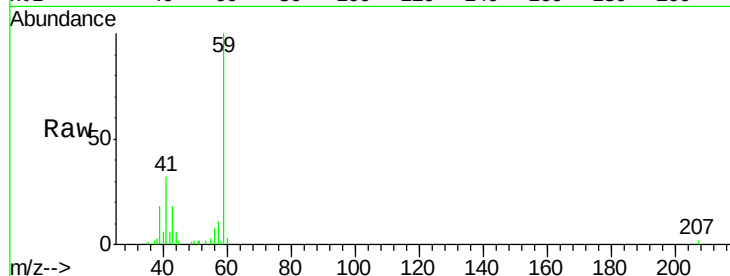


#11

Tert butyl alcohol
Concen: 213.649 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

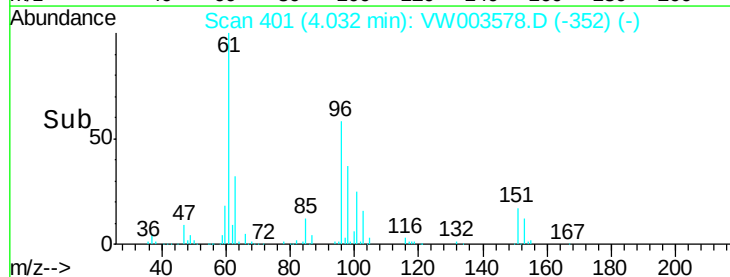
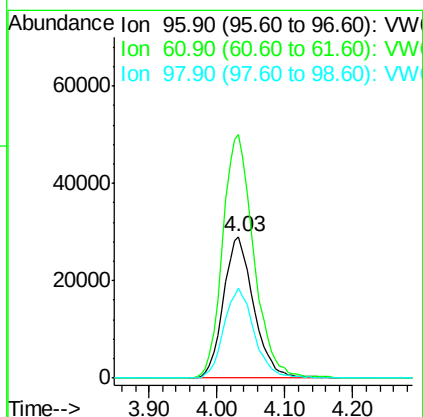
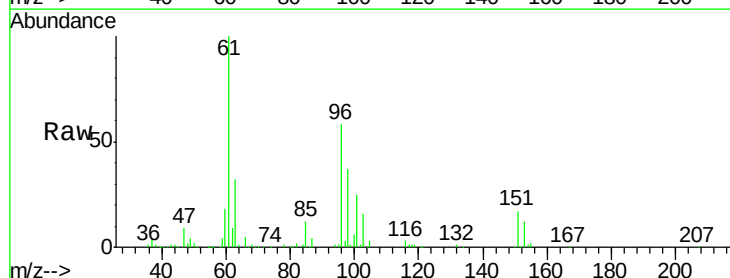
Tgt Ion: 59 Resp: 26100
Ion Ratio Lower Upper
59 100
57 6.0 4.2 6.2

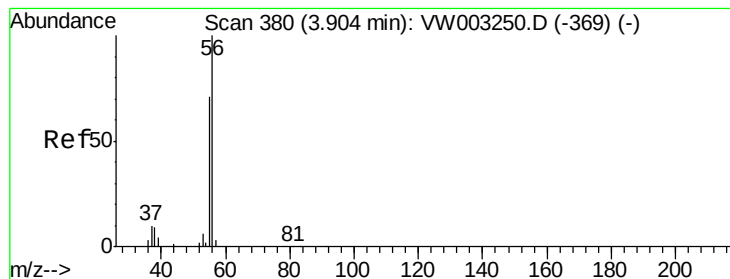


#12

1,1-Dichloroethene
Concen: 47.336 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 96 Resp: 90113
Ion Ratio Lower Upper
96 100
61 172.4 139.0 208.4
98 63.7 53.3 79.9





#13

Acrolein

Concen: 221.320 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

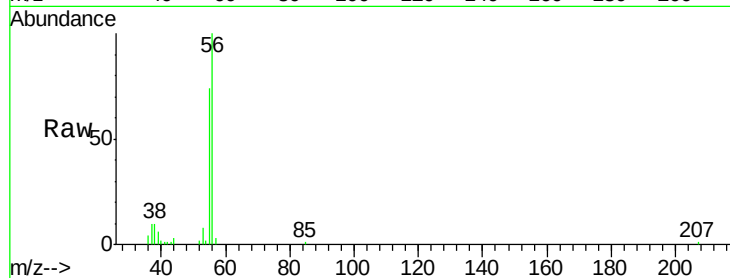
VSTDCCC050

Tgt Ion: 56 Resp: 38656

Ion Ratio Lower Upper

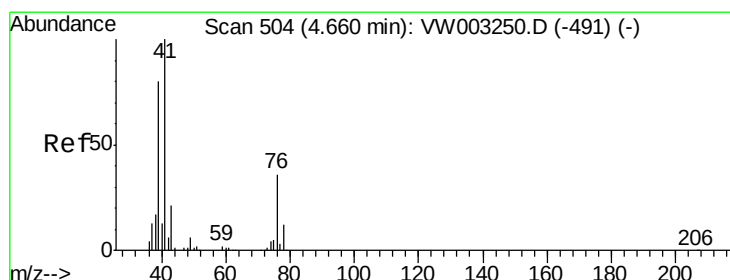
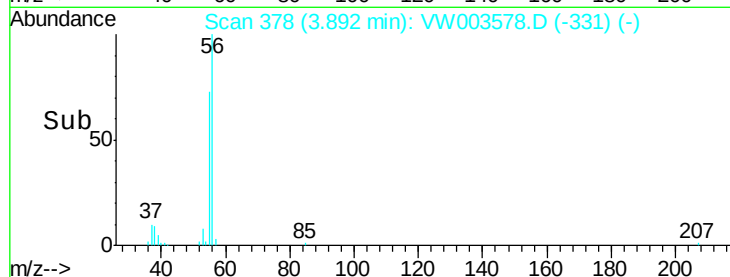
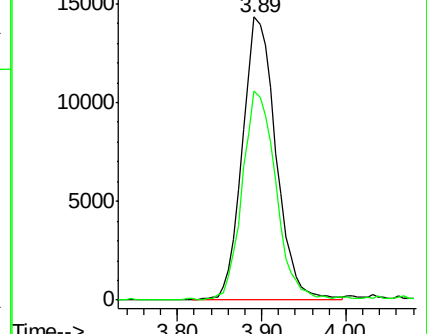
56 100

55 73.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 47.754 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

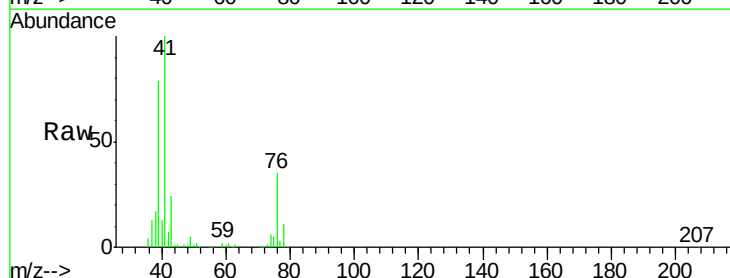
Tgt Ion: 41 Resp: 157472

Ion Ratio Lower Upper

41 100

39 78.5 63.2 94.8

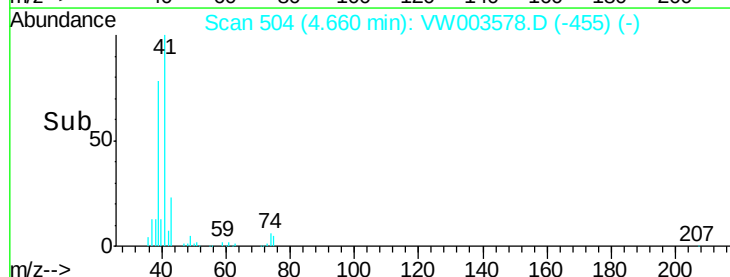
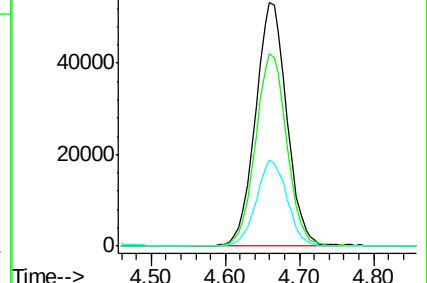
76 34.5 28.0 42.0

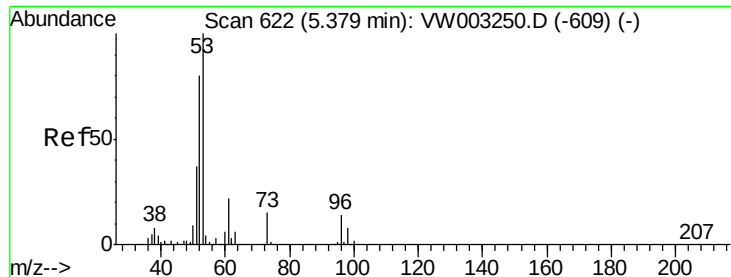


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 241.778 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

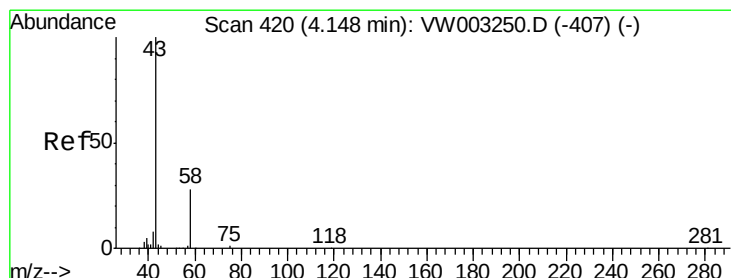
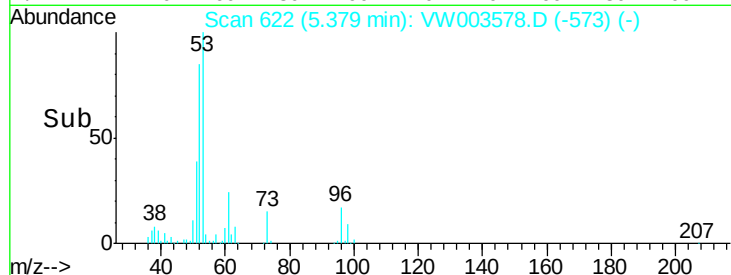
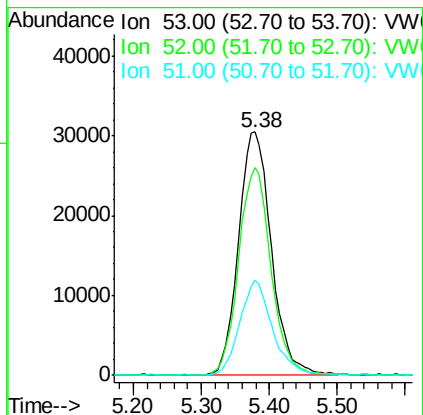
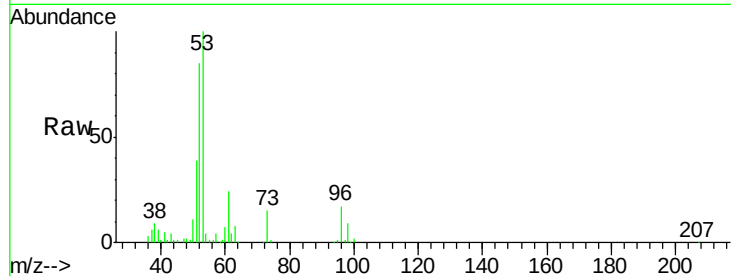
Tgt Ion: 53 Resp: 102517

Ion Ratio Lower Upper

53 100

52 83.9 66.6 100.0

51 39.1 30.6 46.0



#16

Acetone

Concen: 212.158 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003578.D

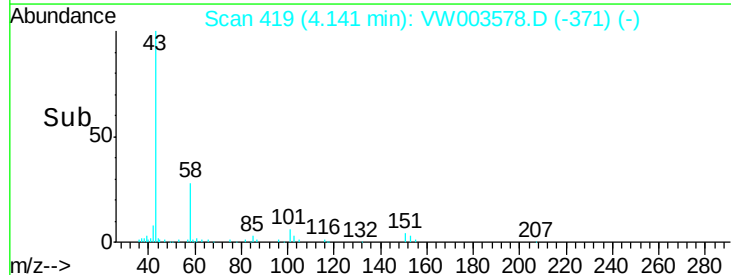
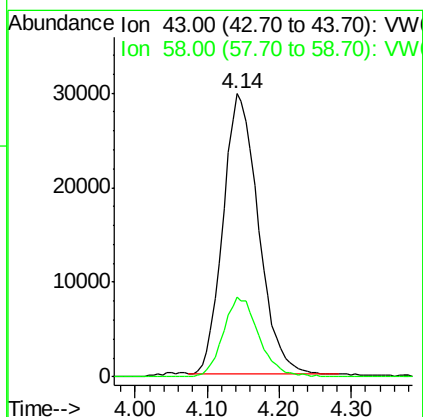
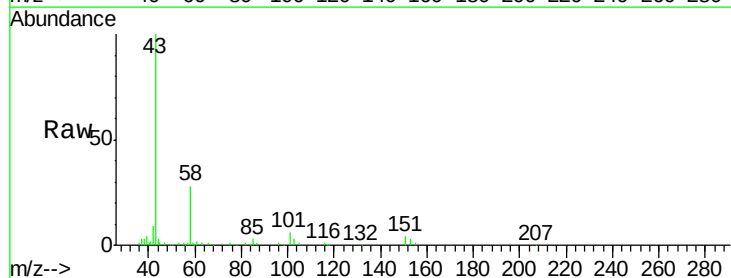
Acq: 26 Jun 2018 18:56

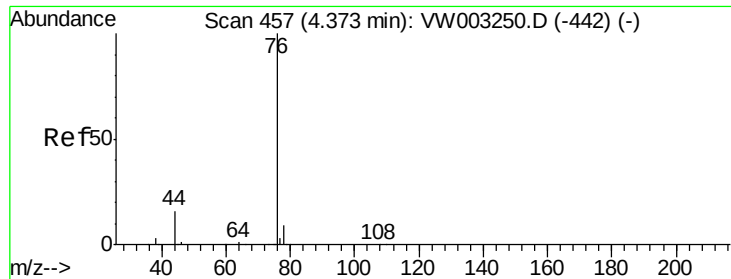
Tgt Ion: 43 Resp: 101355

Ion Ratio Lower Upper

43 100

58 28.1 22.6 34.0





#17

Carbon Disulfide

Concen: 46.728 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

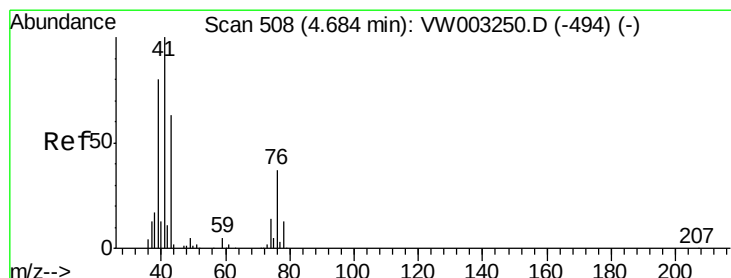
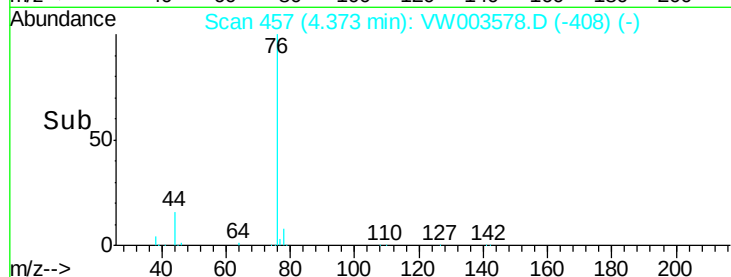
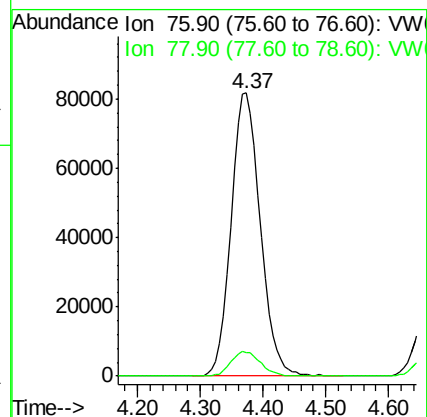
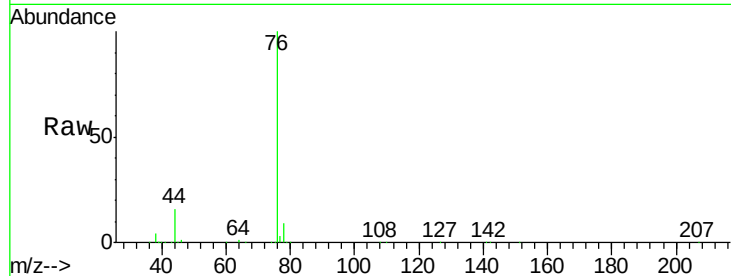
VSTDCCC050

Tgt Ion: 76 Resp: 262993

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



#18

Methyl Acetate

Concen: 50.606 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003578.D

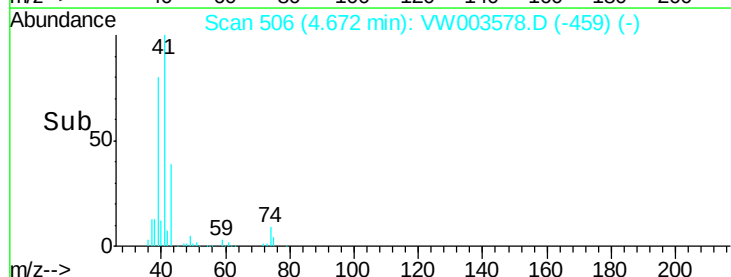
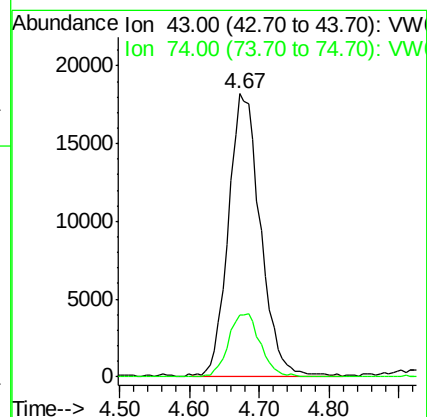
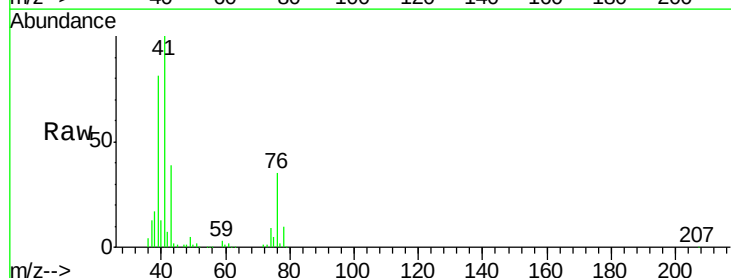
Acq: 26 Jun 2018 18:56

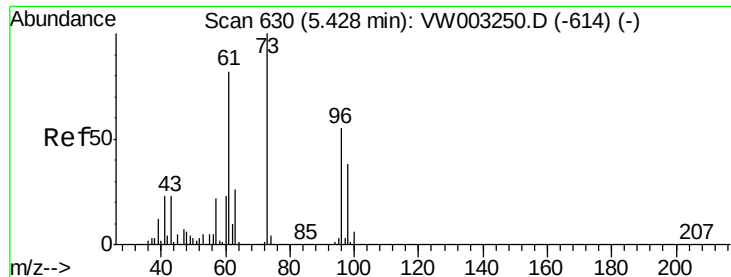
Tgt Ion: 43 Resp: 57353

Ion Ratio Lower Upper

43 100

74 22.5 18.7 28.1

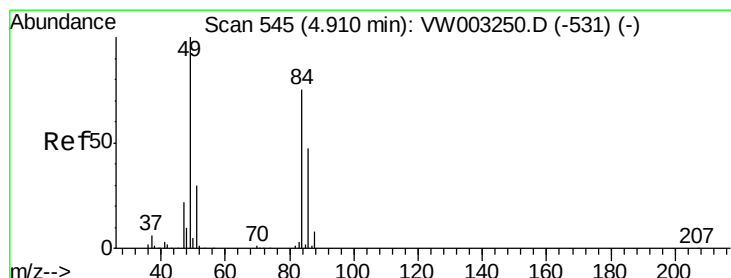
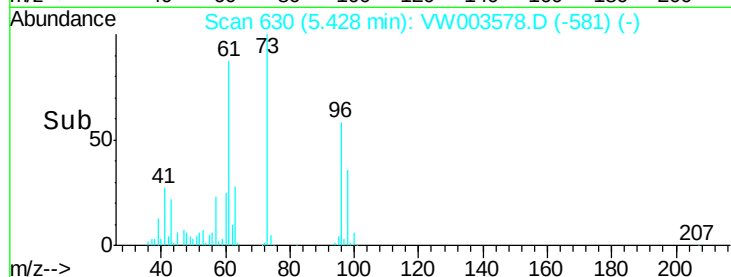
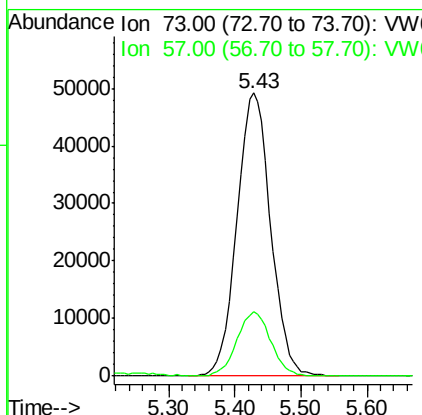
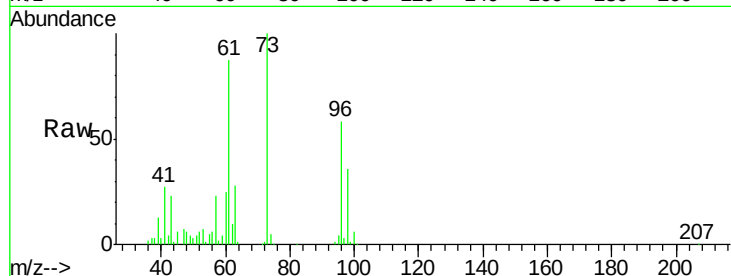




#19
Methyl tert-butyl Ether
Concen: 48.795 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

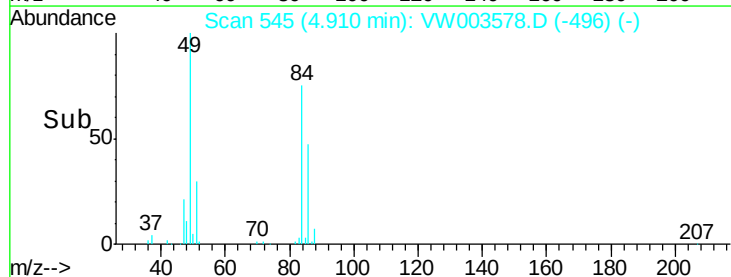
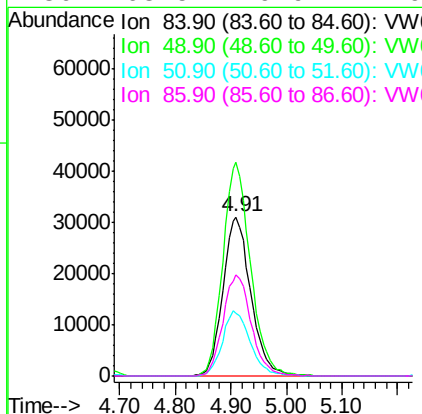
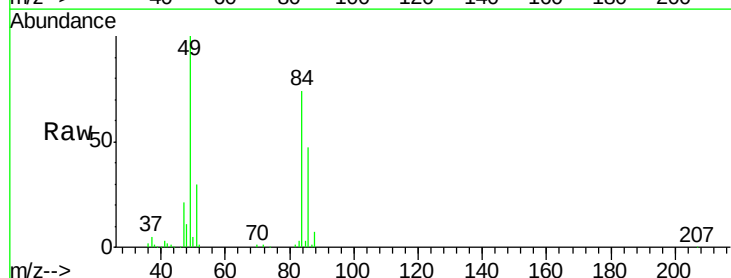
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

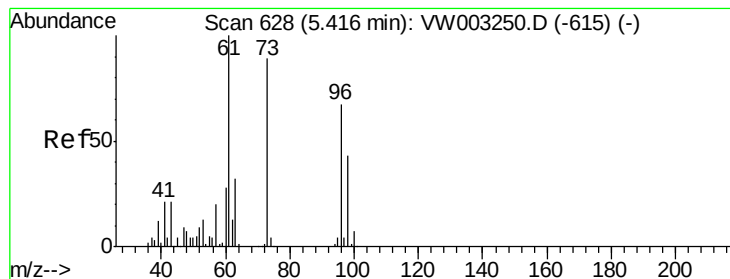
Tgt Ion: 73 Resp: 173983
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 53.143 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 84 Resp: 107380
Ion Ratio Lower Upper
84 100
49 134.3 106.3 159.5
51 39.8 32.0 48.0
86 63.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.460 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

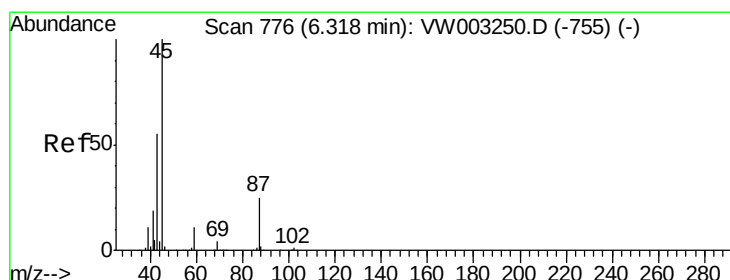
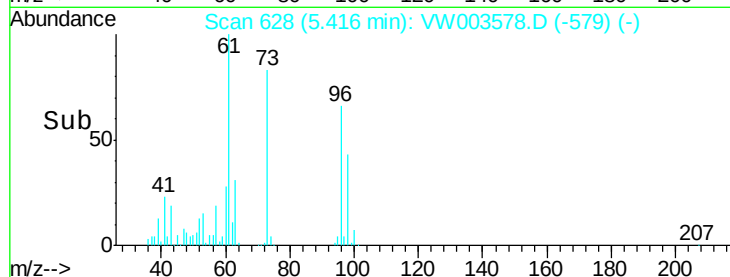
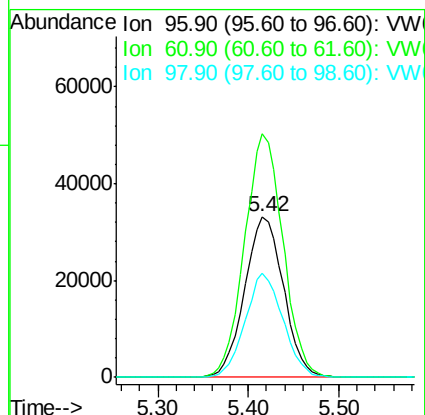
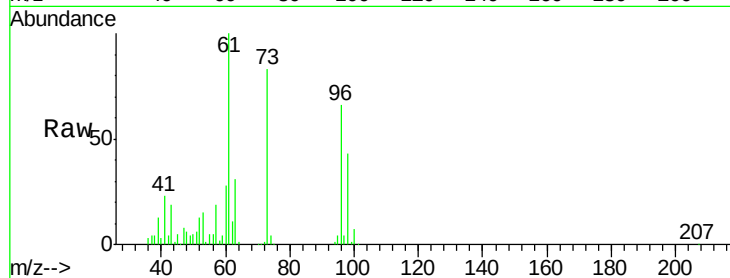
Tgt Ion: 96 Resp: 98330

Ion Ratio Lower Upper

96 100

61 151.7 118.7 178.1

98 65.2 51.0 76.6



#22

Diisopropyl ether

Concen: 50.441 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion: 45 Resp: 334761

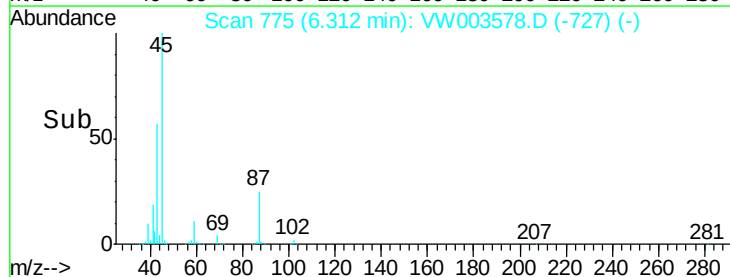
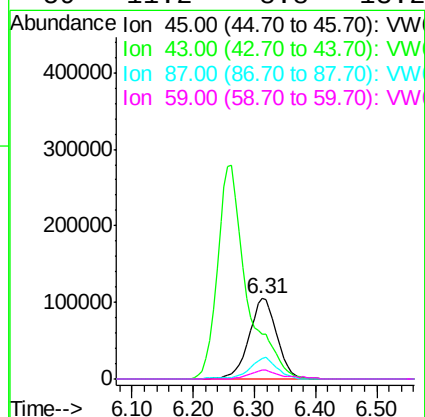
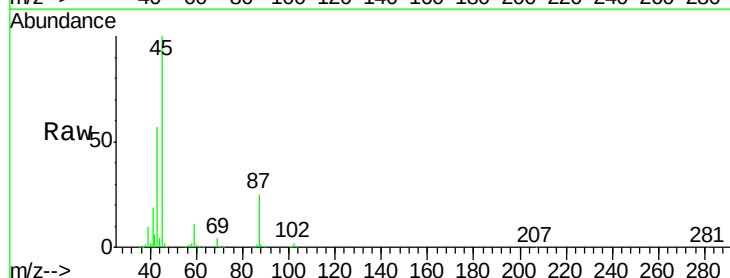
Ion Ratio Lower Upper

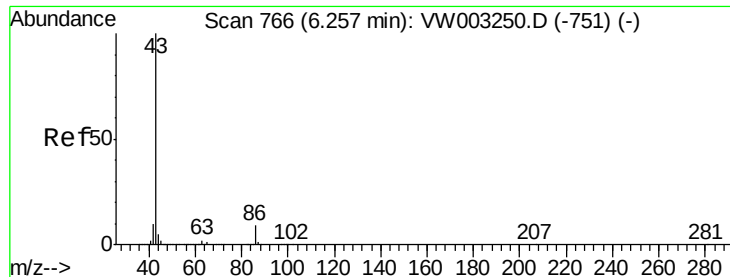
45 100

43 56.4 44.0 66.0

87 25.2 20.6 31.0

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 243.779 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

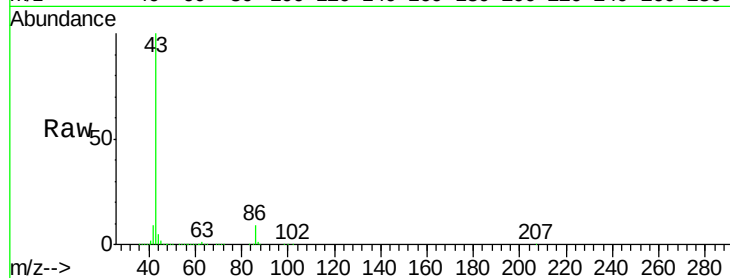
VSTDCCC050

Tgt Ion: 43 Resp: 932323

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

300000

250000

200000

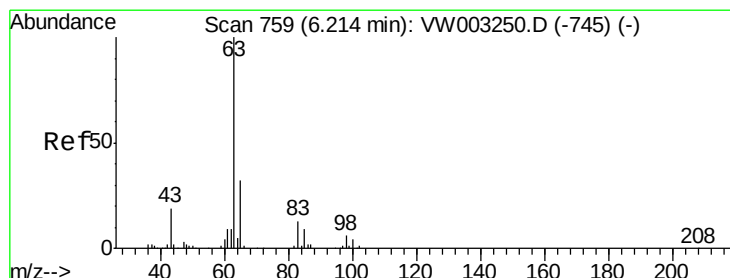
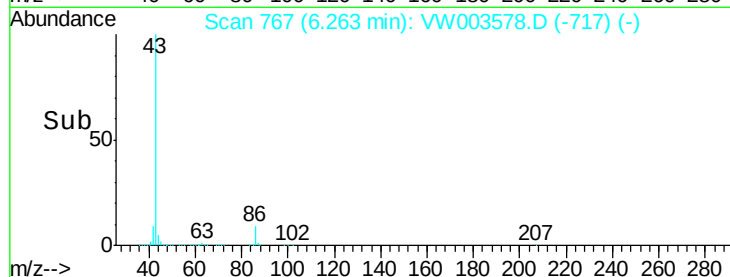
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.573 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

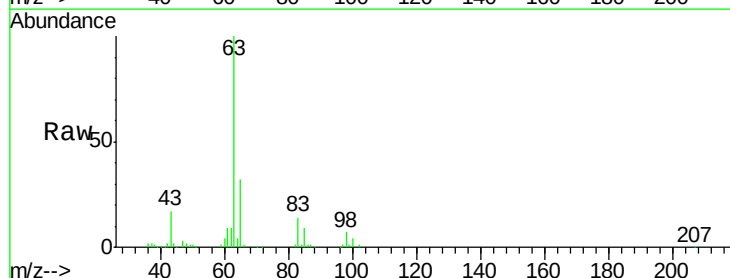
Tgt Ion: 63 Resp: 195310

Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

100 3.6 2.1 6.5



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

6.21

80000

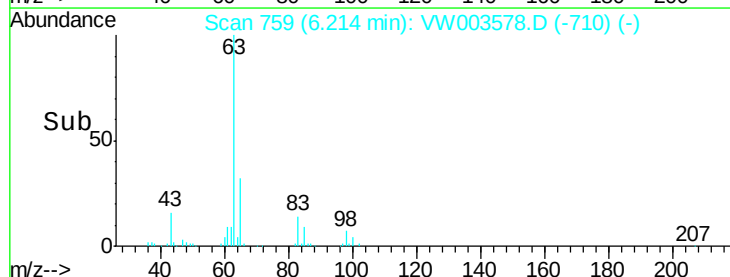
60000

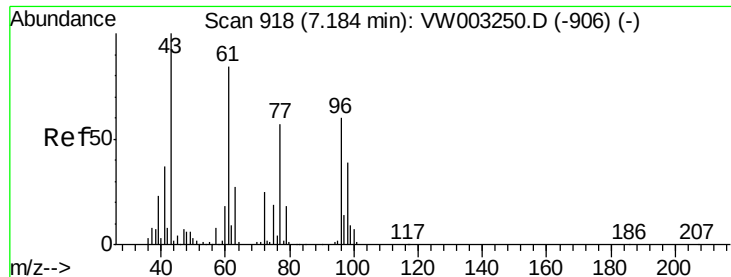
40000

20000

0

Time-->





#25

2-Butanone

Concen: 234.749 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

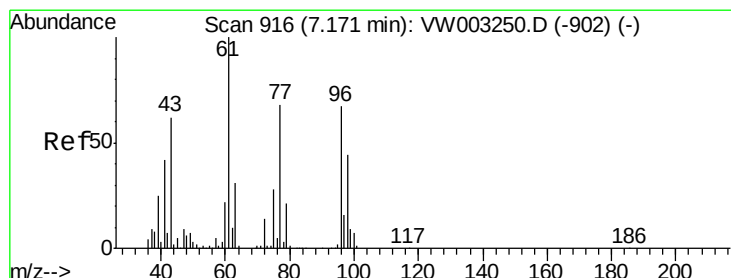
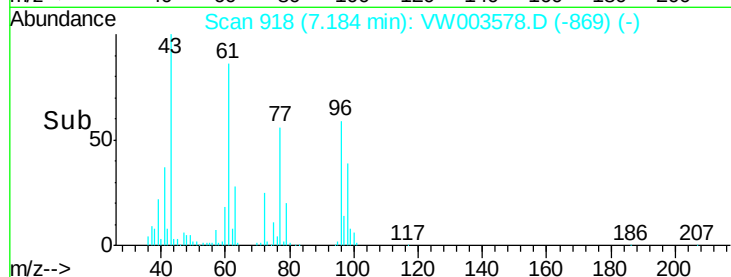
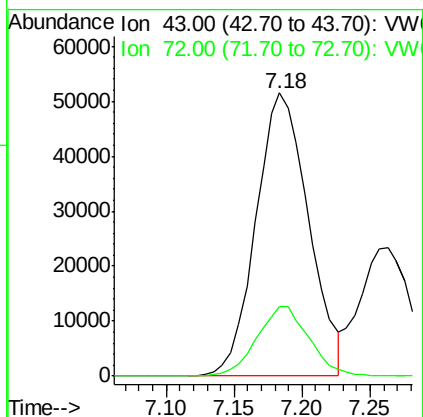
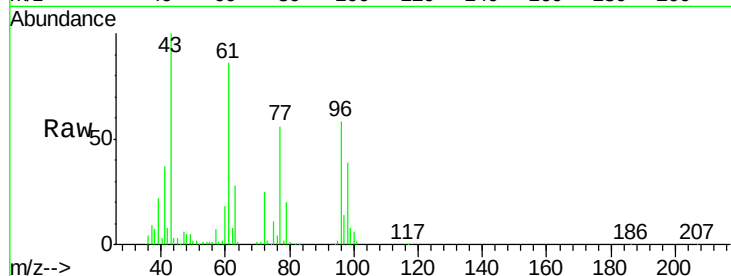
VSTDCCC050

Tgt Ion: 43 Resp: 139453

Ion Ratio Lower Upper

43 100

72 24.5 20.3 30.5



#26

2,2-Dichloropropane

Concen: 45.167 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003578.D

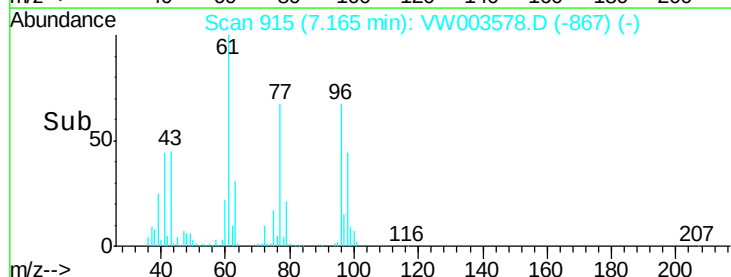
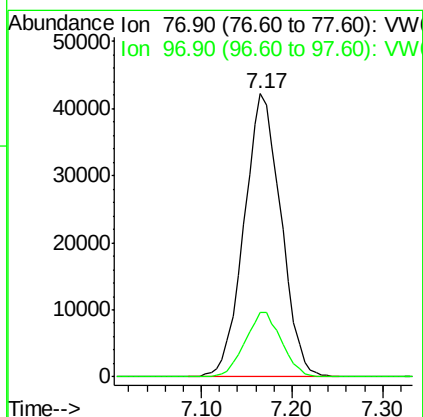
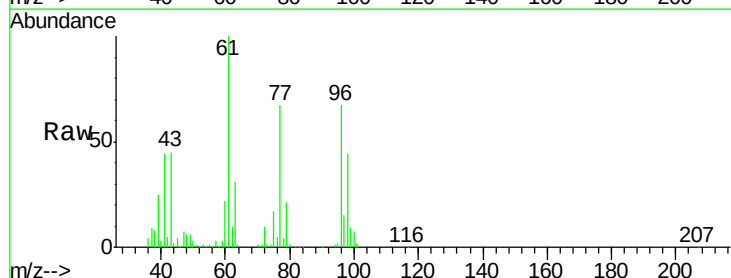
Acq: 26 Jun 2018 18:56

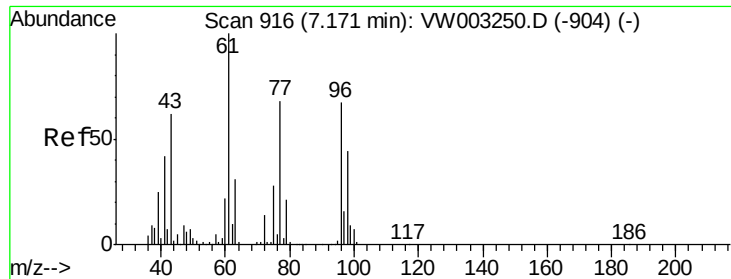
Tgt Ion: 77 Resp: 118762

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



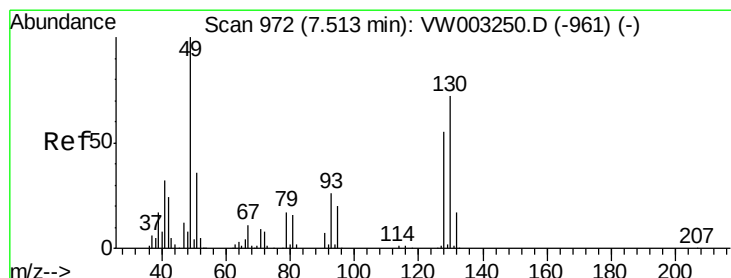
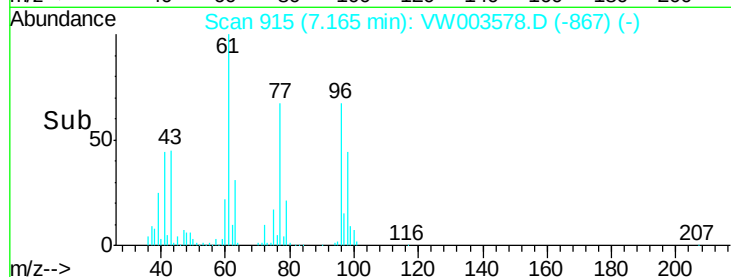
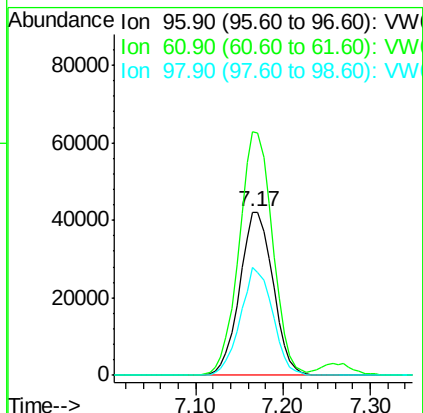
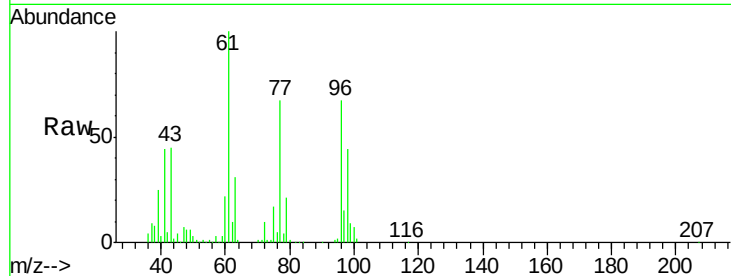


#27

cis-1,2-Dichloroethene
Concen: 49.063 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

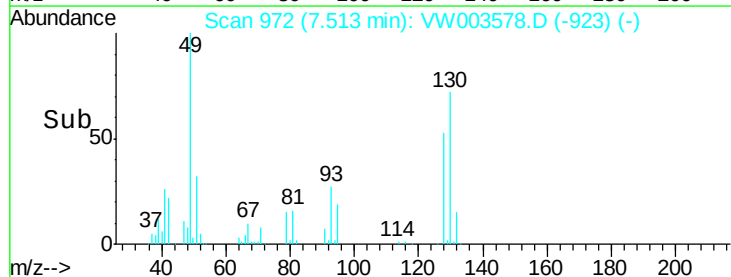
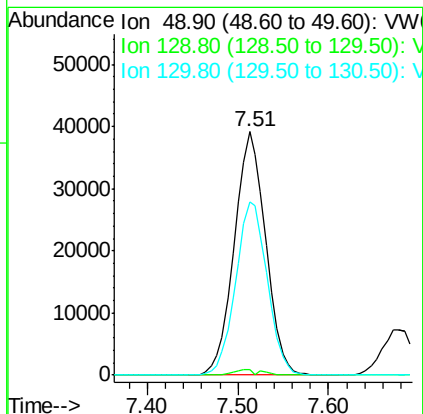
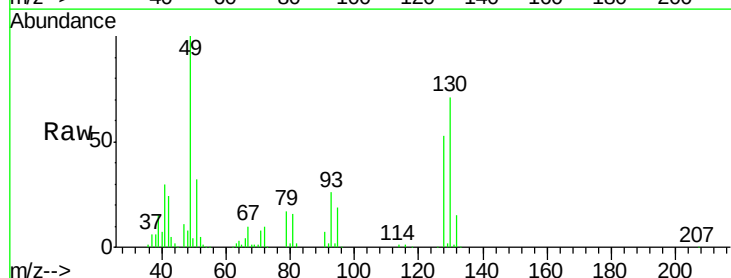
Tgt Ion	Resp	Lower	Upper
96	111666		
61	149.6	0.0	298.8
98	63.9	0.0	130.4

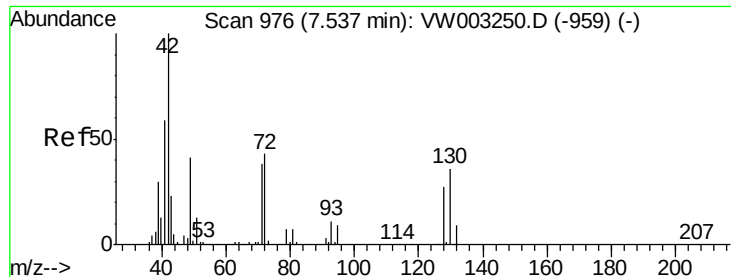


#28

Bromochloromethane
Concen: 57.527 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Resp	Lower	Upper
49	94317		
129	1.3	0.0	4.6
130	71.9	59.4	89.2

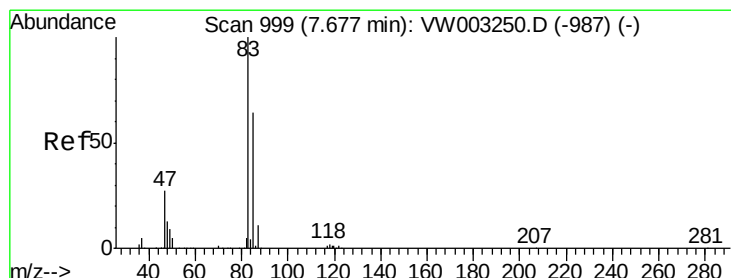
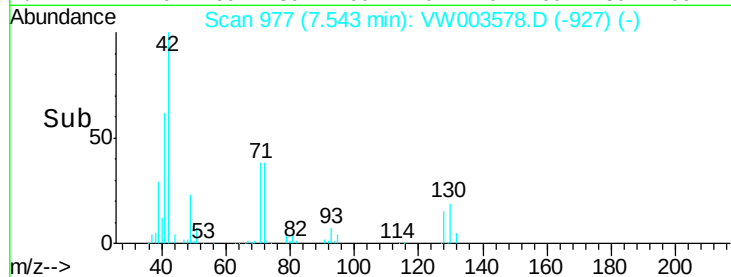
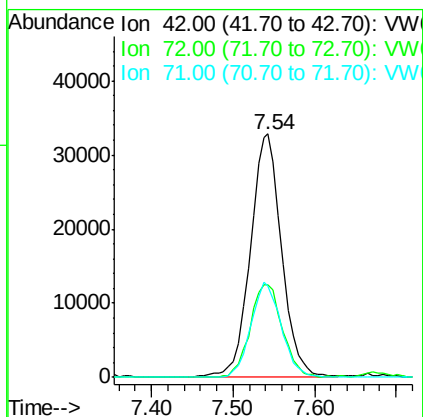
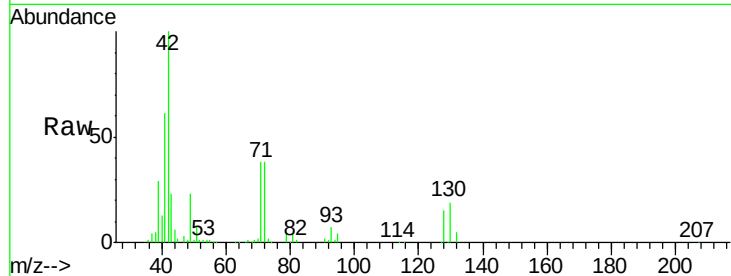




#29
Tetrahydrofuran
Concen: 241.870 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

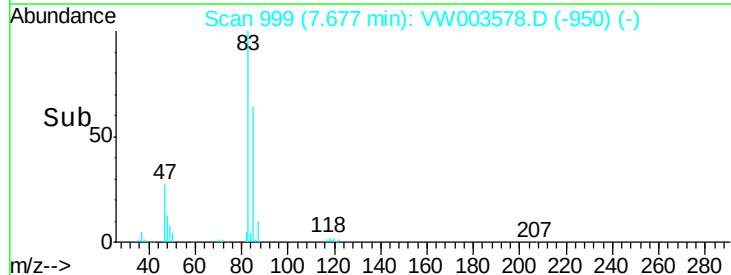
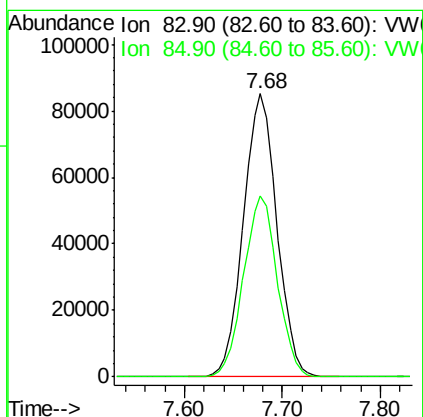
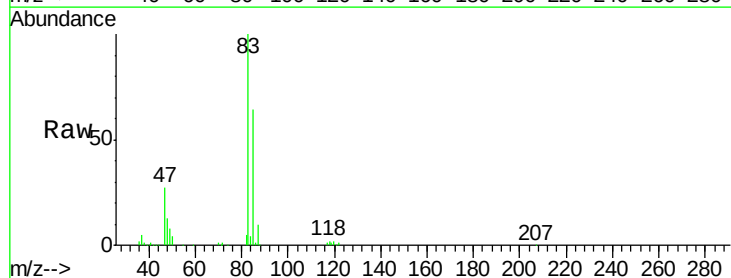
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

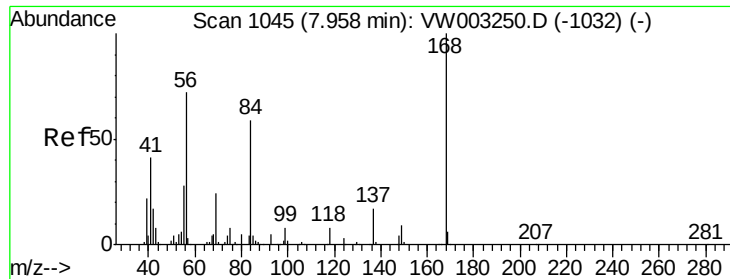
Tgt Ion: 42 Resp: 87814
Ion Ratio Lower Upper
42 100
72 39.5 32.4 48.6
71 37.9 31.2 46.8



#30
Chloroform
Concen: 50.290 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 83 Resp: 201857
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9





#31

Cyclohexane

Concen: 45.486 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

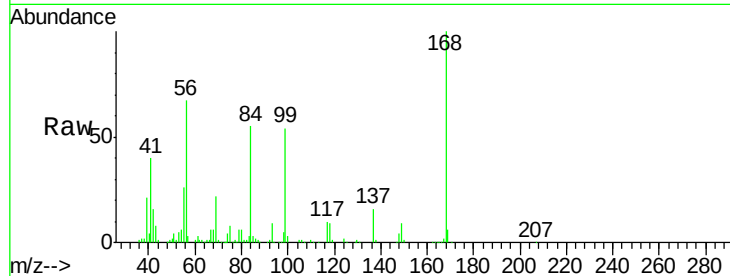
Tgt Ion: 56 Resp: 167424

Ion Ratio Lower Upper

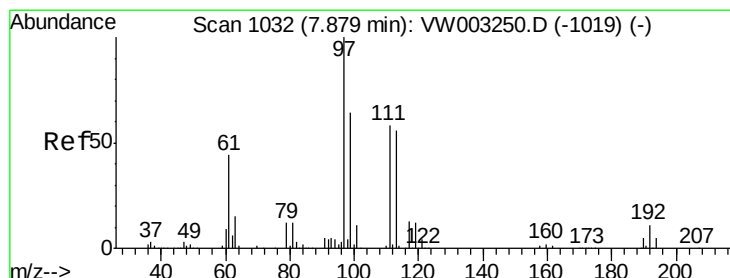
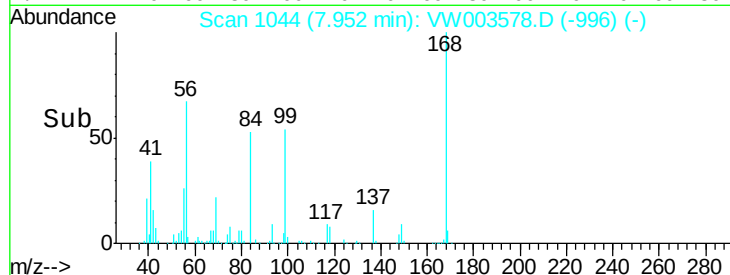
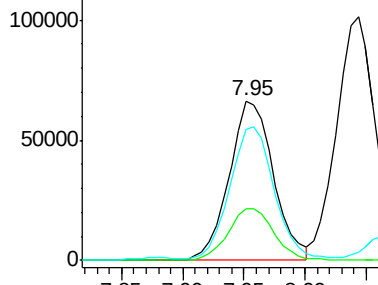
56 100

69 32.6 26.3 39.5

84 79.7 65.7 98.5



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: 49.258 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

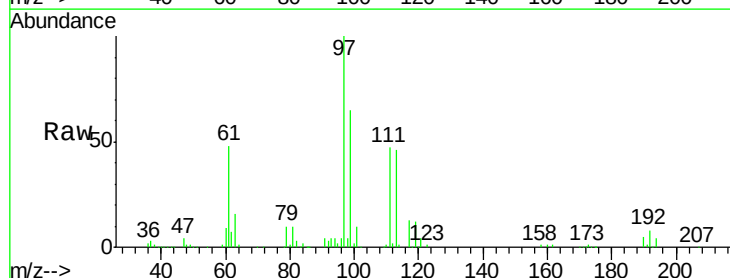
Tgt Ion: 97 Resp: 163199

Ion Ratio Lower Upper

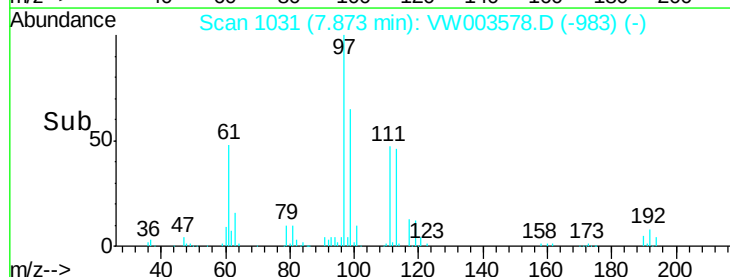
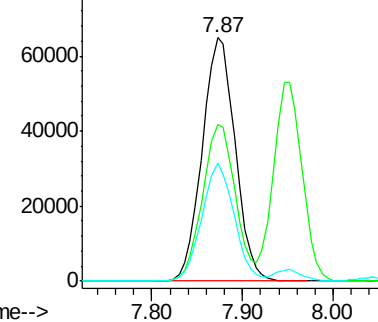
97 100

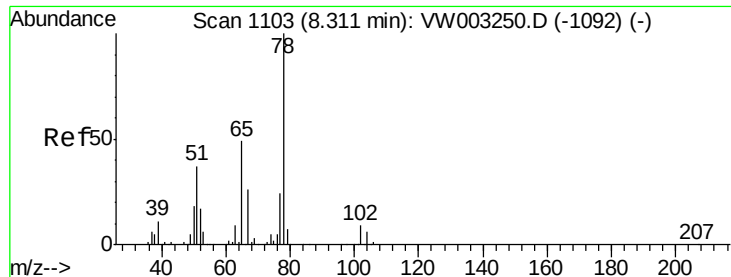
99 64.6 51.7 77.5

61 47.3 37.6 56.4



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

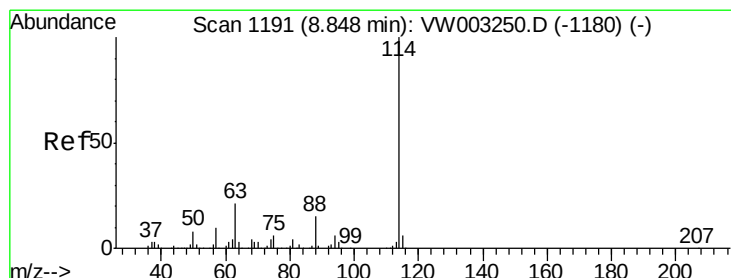
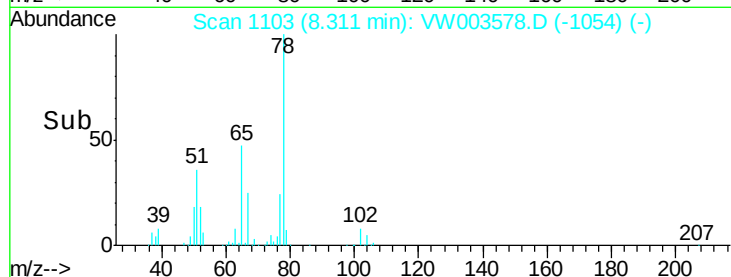
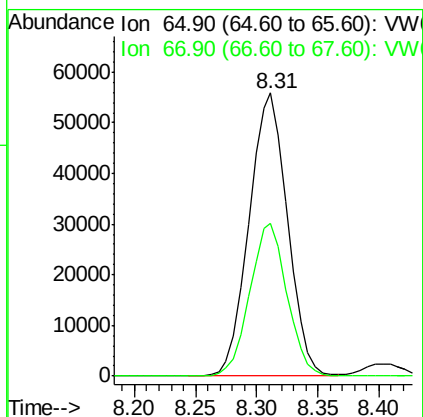
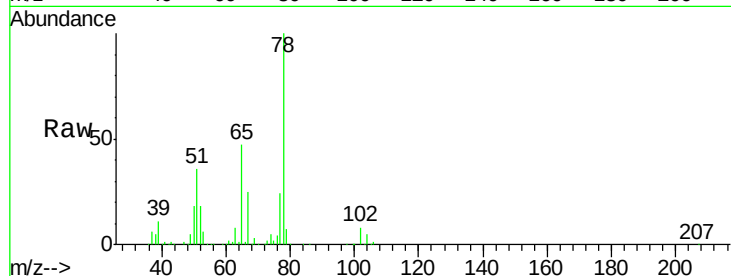




#33
 1,2-Dichloroethane-d4
 Concen: 53.529 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

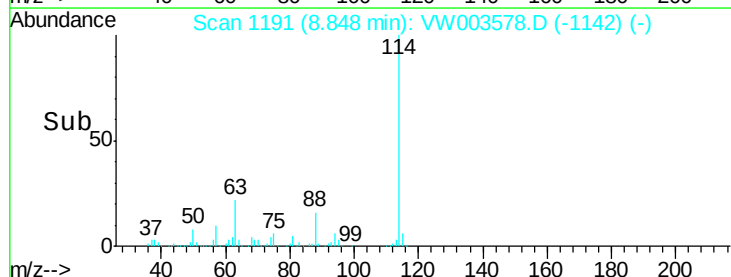
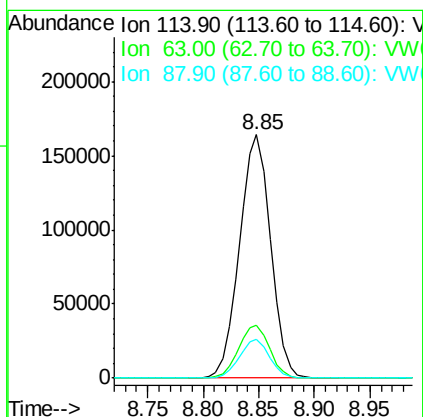
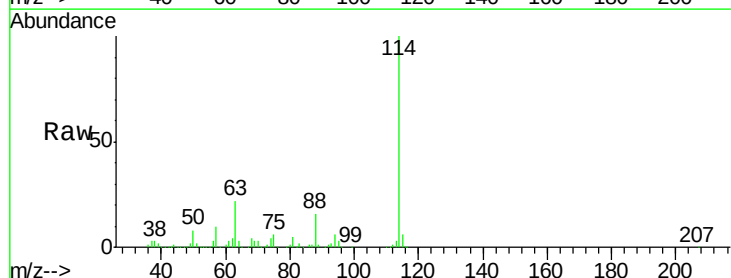
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

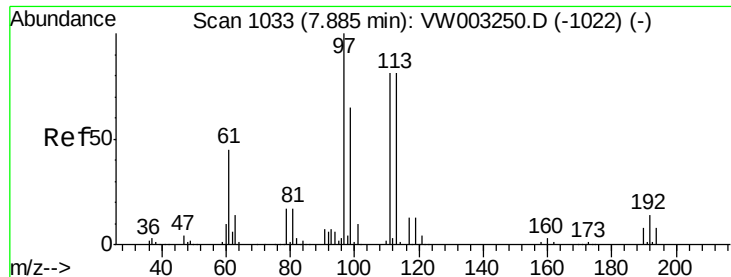
Tgt Ion: 65 Resp: 121931
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 114 Resp: 318073
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 15.9 0.0 29.6

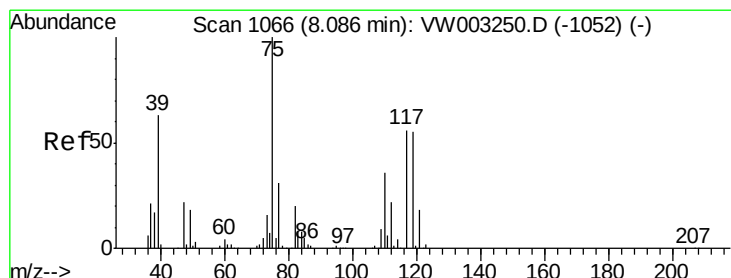
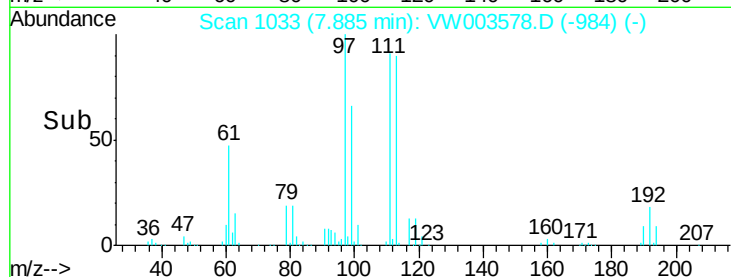
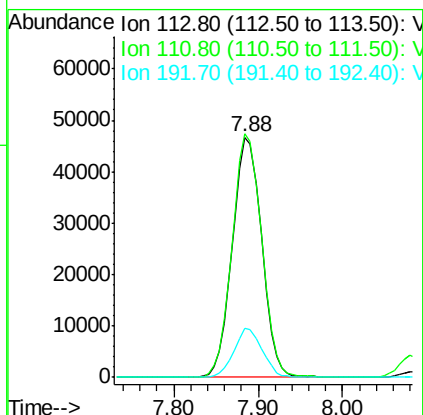
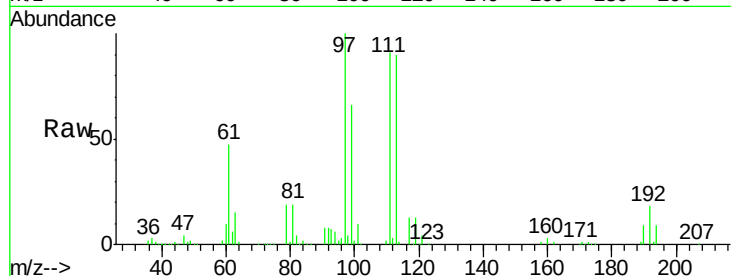




#35
 Dibromofluoromethane
 Concen: 55.640 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

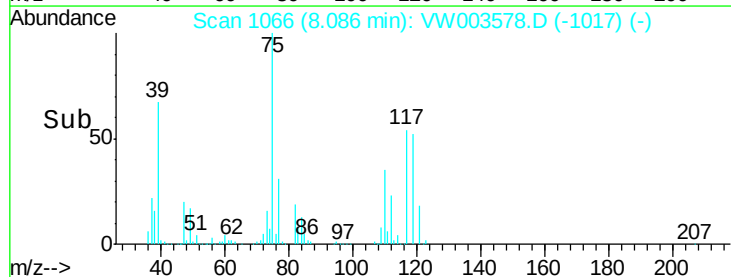
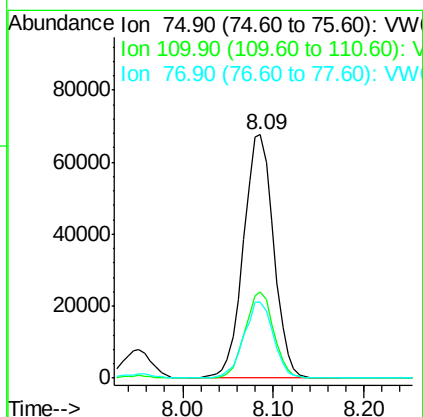
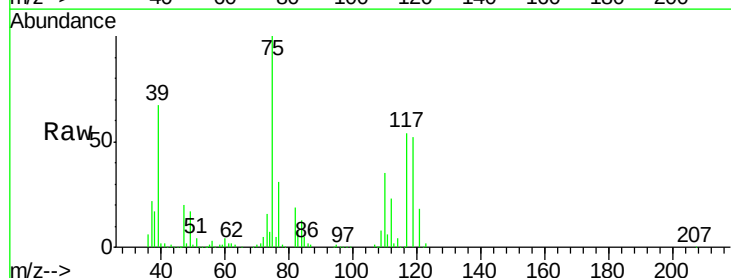
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

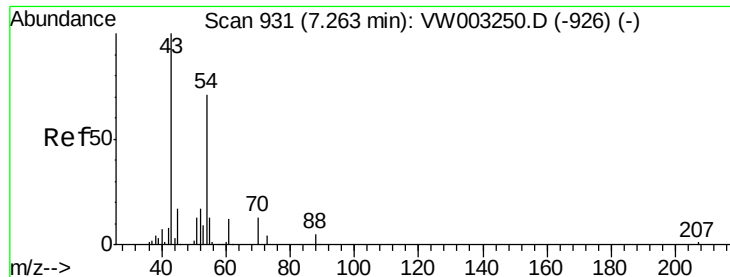
Tgt Ion:113 Resp: 109967
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 19.5 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 50.707 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 75 Resp: 155760
 Ion Ratio Lower Upper
 75 100
 110 33.6 17.1 51.3
 77 30.9 24.9 37.3

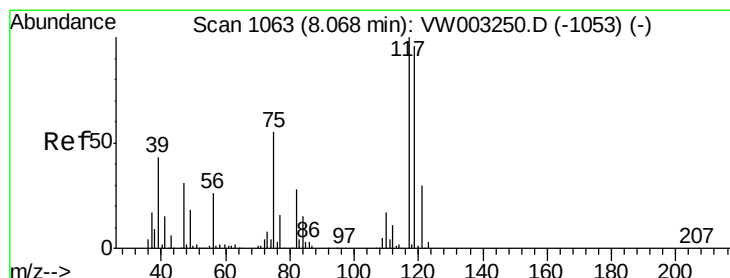
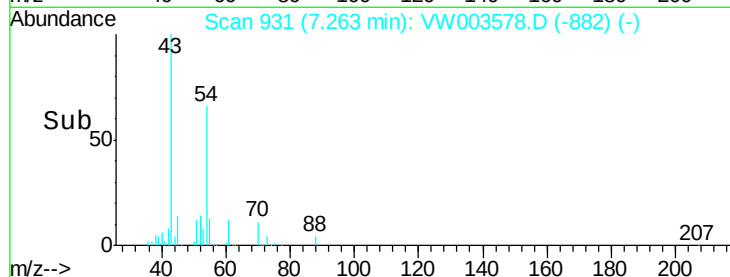
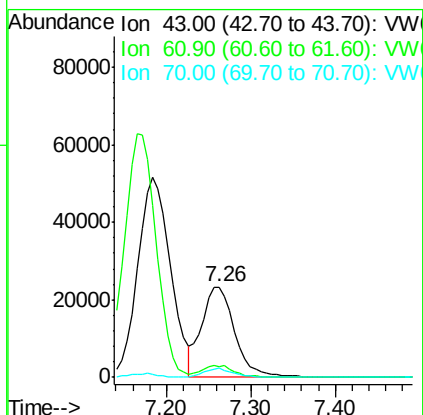
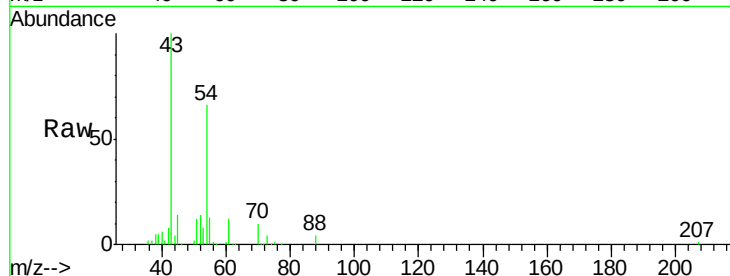




#37
Ethyl Acetate
Concen: 49.897 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

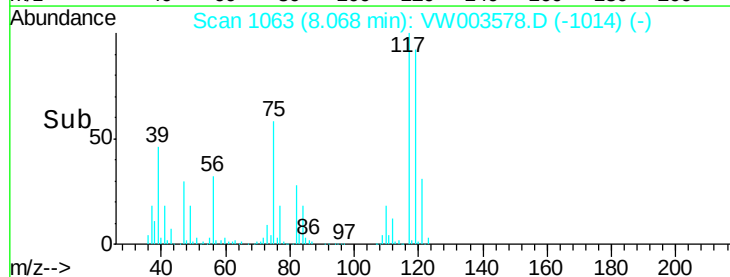
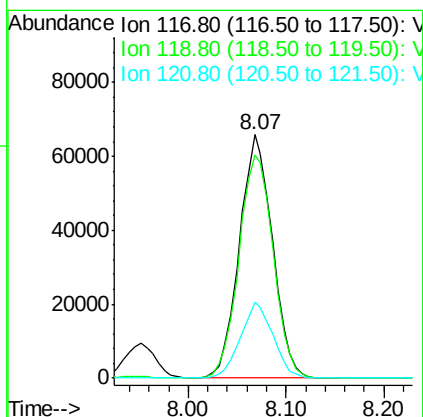
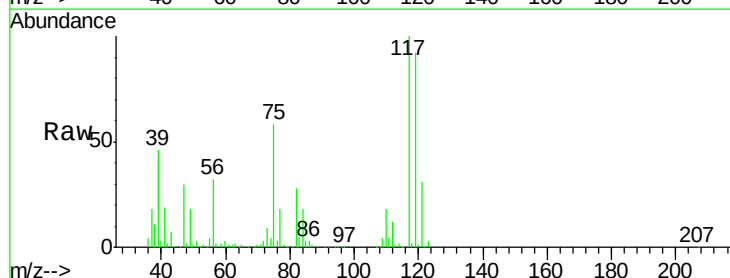
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

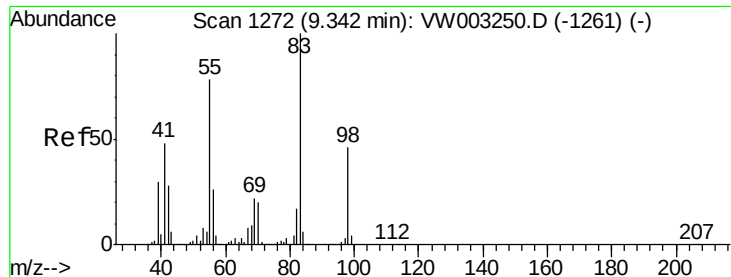
Tgt Ion: 43 Resp: 63497
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 8.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 51.379 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 117 Resp: 154811
Ion Ratio Lower Upper
117 100
119 91.4 76.6 115.0
121 31.1 23.9 35.9

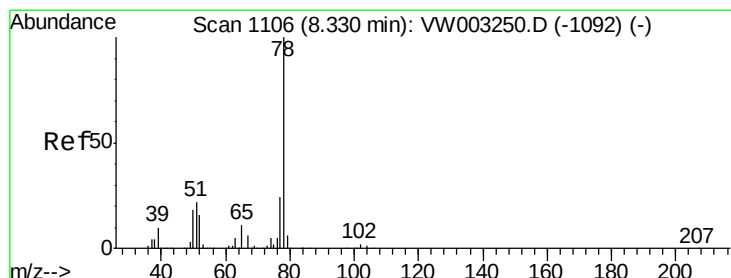
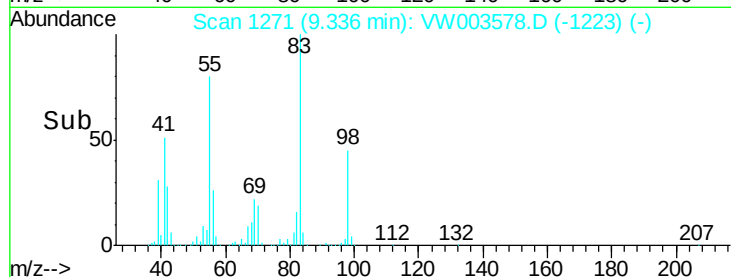
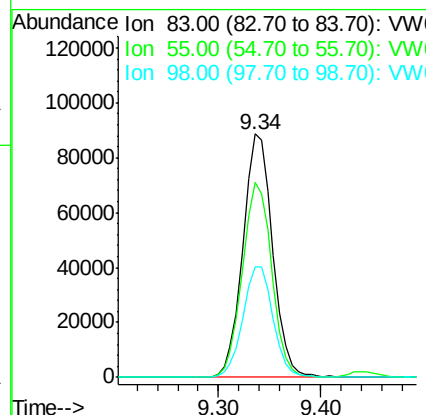
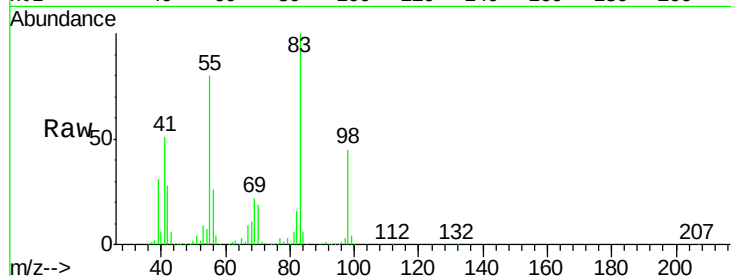




#39
Methylcyclohexane
Concen: 50.306 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

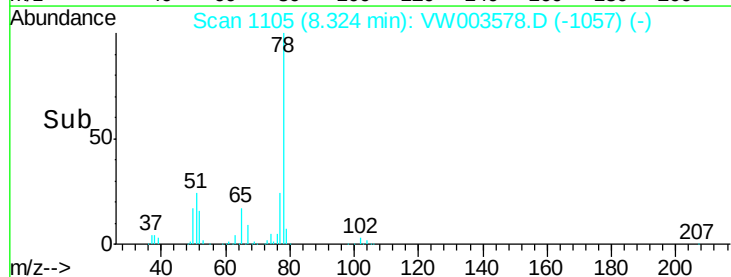
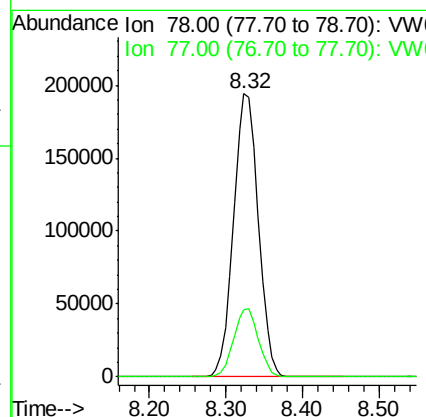
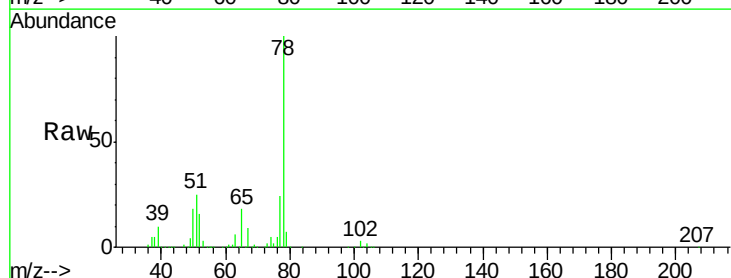
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

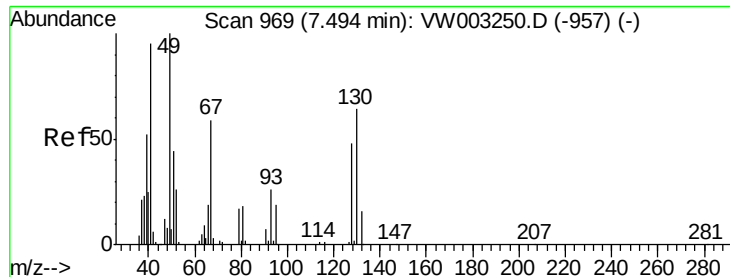
Tgt Ion: 83 Resp: 178802
Ion Ratio Lower Upper
83 100
55 80.0 62.6 93.8
98 45.2 37.0 55.4



#40
Benzene
Concen: 51.343 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 78 Resp: 434728
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

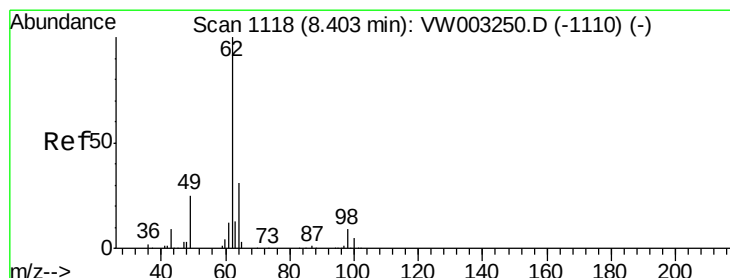
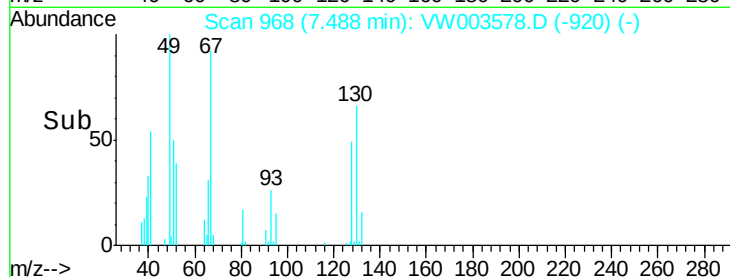
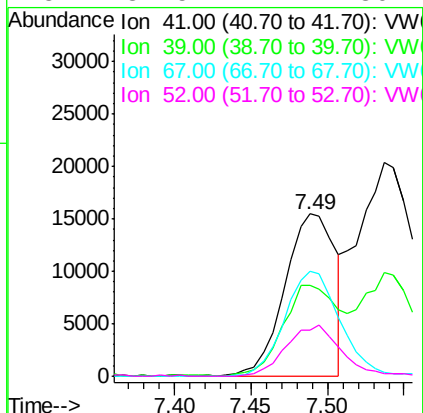
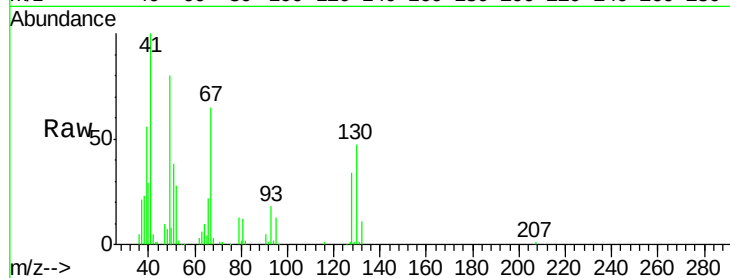




#41
Methacrylonitrile
Concen: 45.420 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

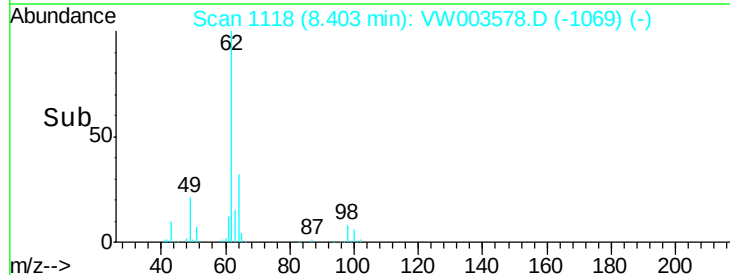
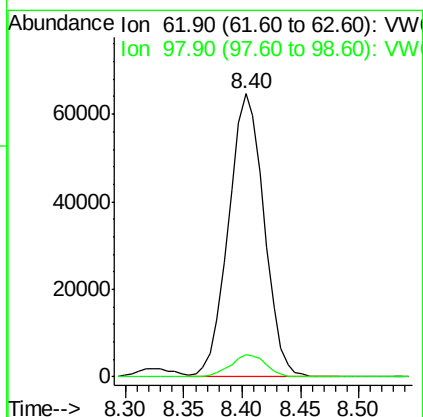
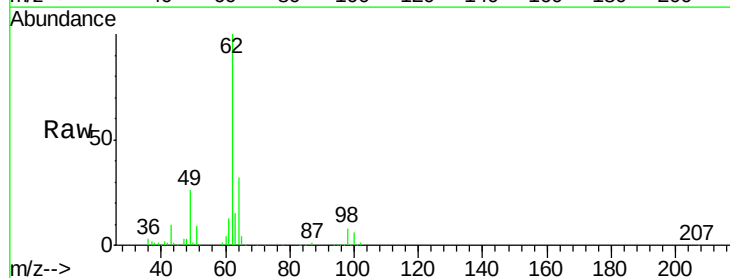
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

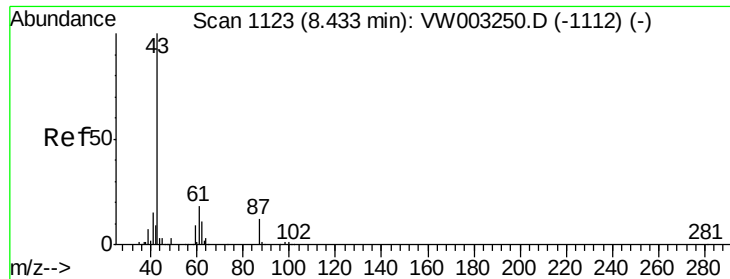
Tgt Ion:	41	Resp:	35469
Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.8	68.8
67	71.3	52.3	78.5
52	34.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 51.791 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion:	62	Resp:	137390
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 48.678 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

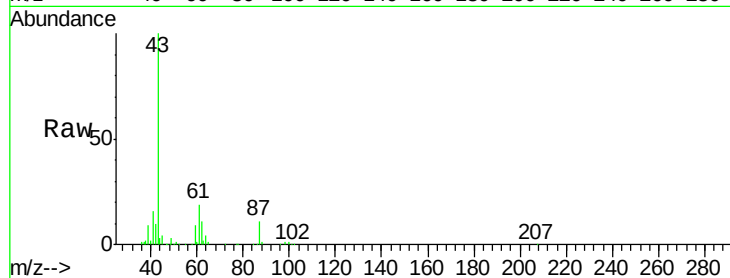
Tgt Ion: 43 Resp: 123001

Ion Ratio Lower Upper

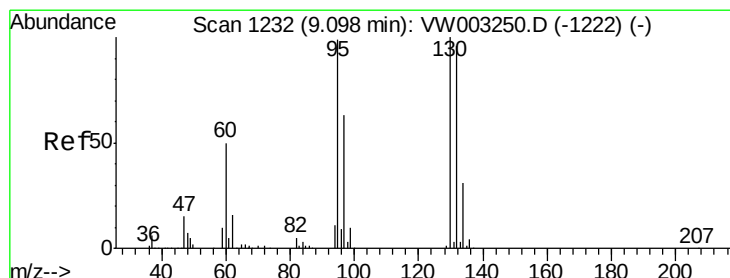
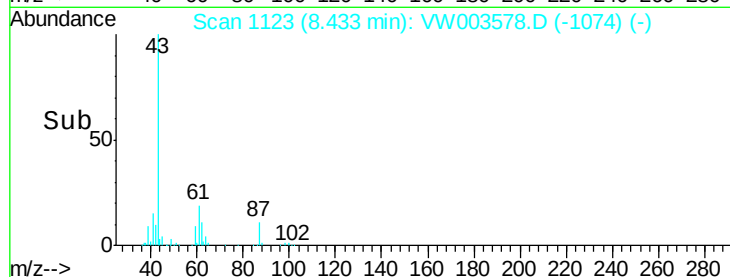
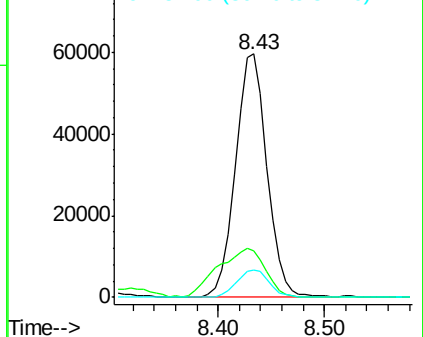
43 100

61 30.0 23.1 34.7

87 11.8 9.8 14.6



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: 50.067 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003578.D

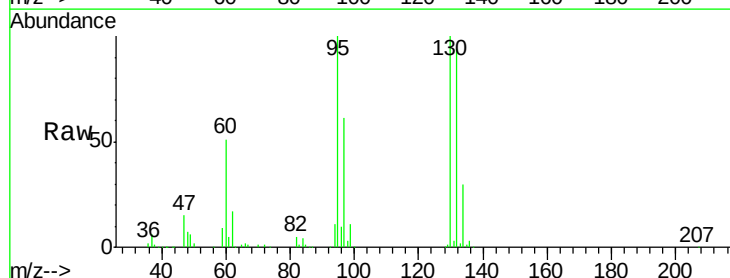
Acq: 26 Jun 2018 18:56

Tgt Ion: 130 Resp: 112330

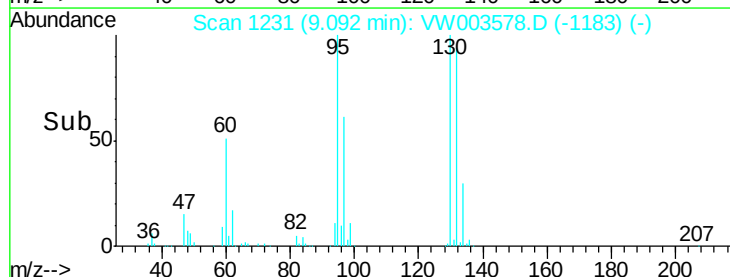
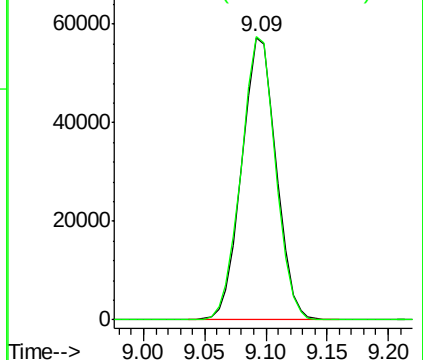
Ion Ratio Lower Upper

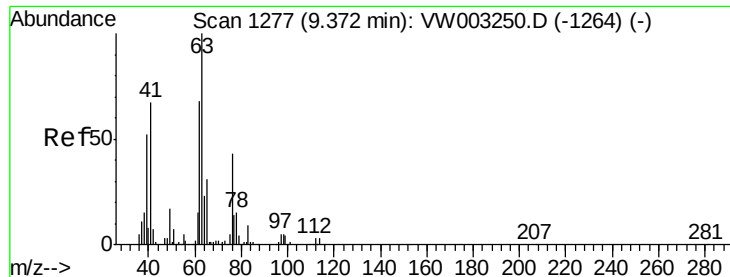
130 100

95 100.2 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

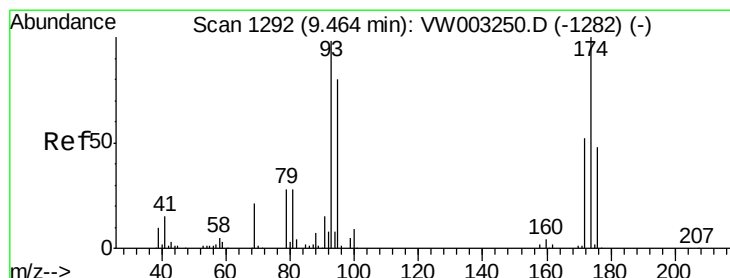
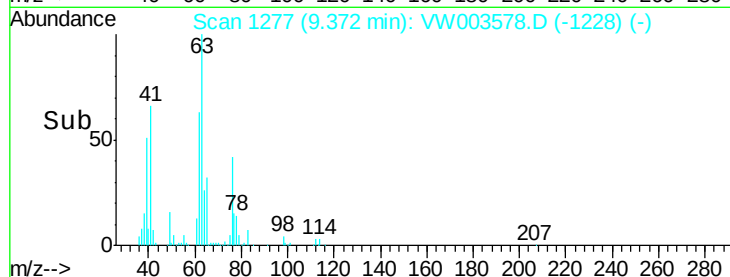
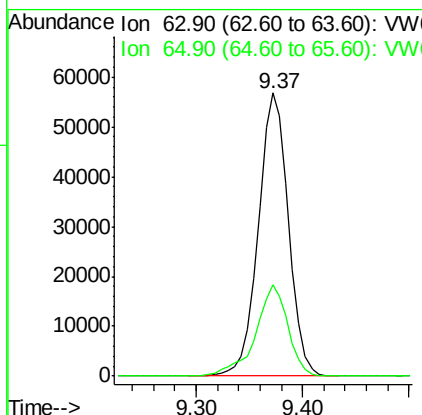
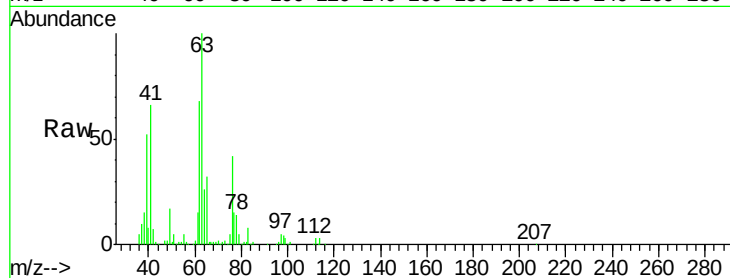




#45
 1,2-Dichloropropane
 Concen: 52.103 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

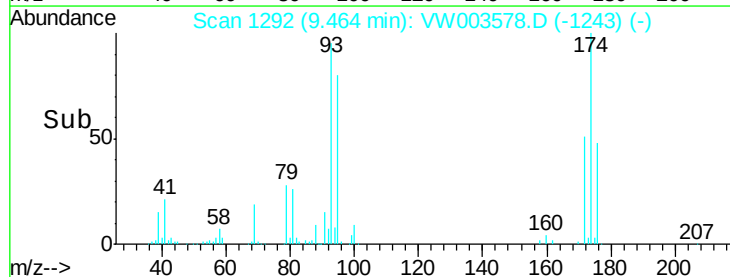
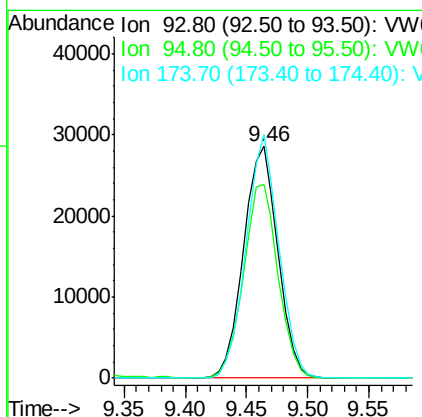
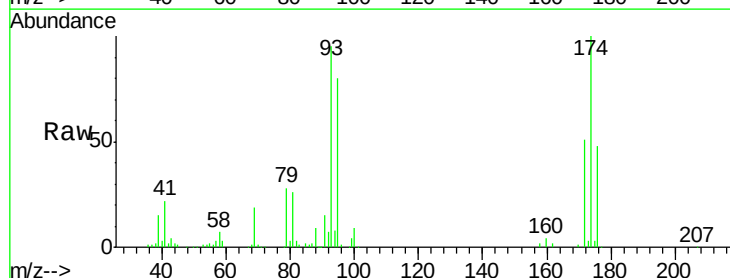
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

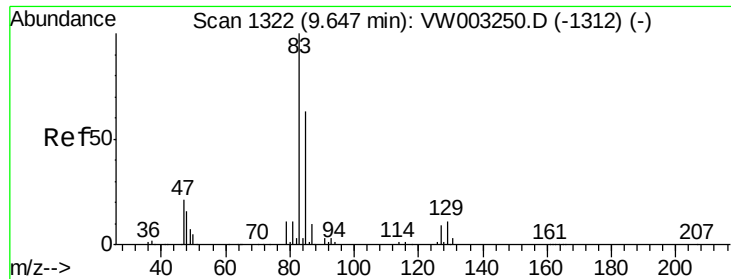
Tgt Ion: 63 Resp: 112327
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.1 37.7



#46
 Dibromomethane
 Concen: 50.447 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 93 Resp: 55681
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.8 98.8
 174 100.5 81.4 122.0

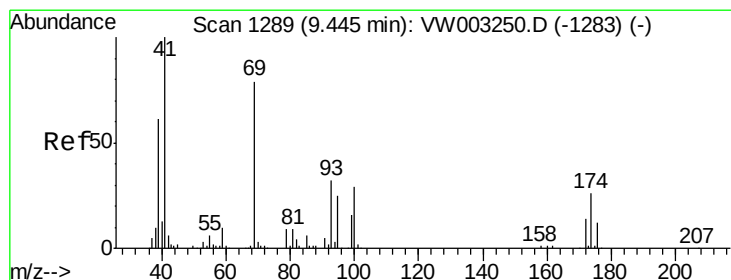
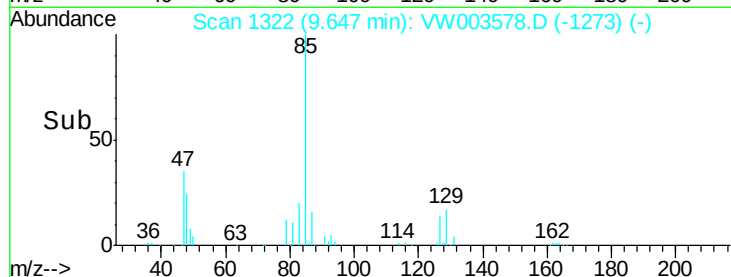
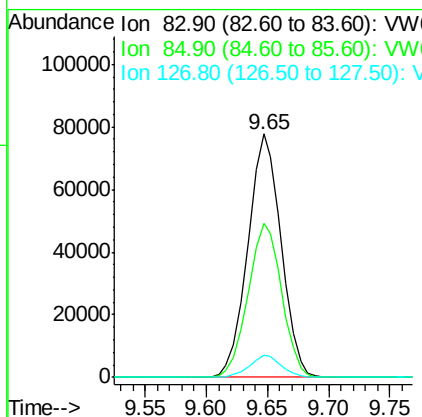
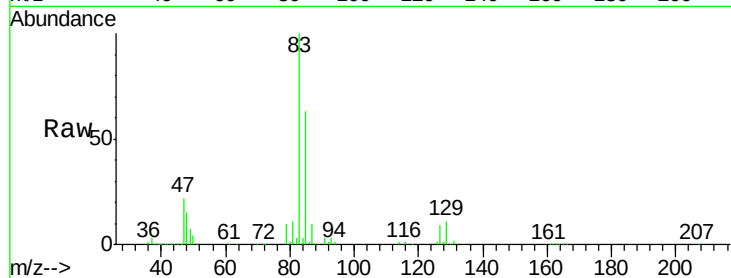




#47
 Bromodichloromethane
 Concen: 51.872 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

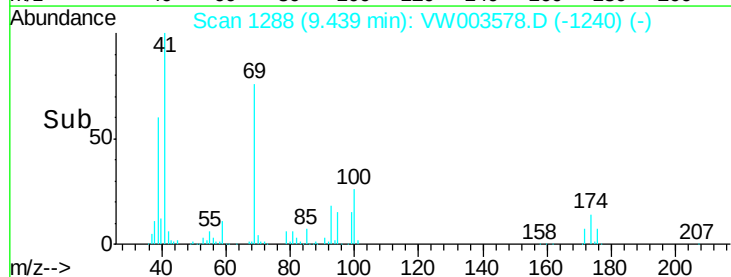
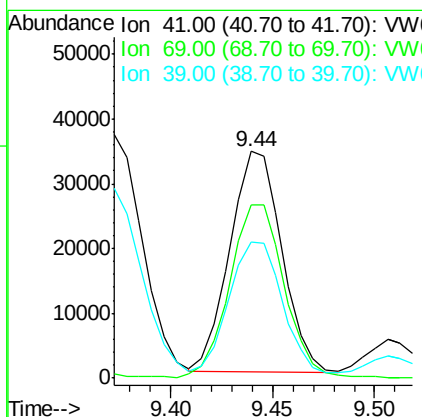
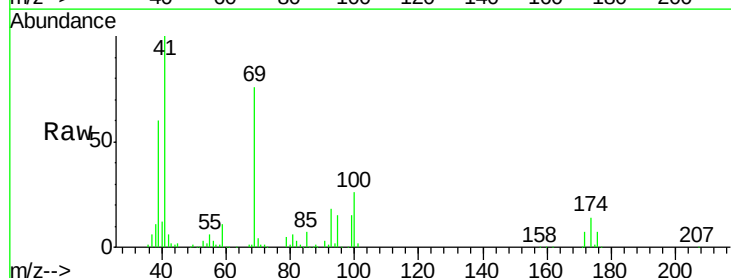
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

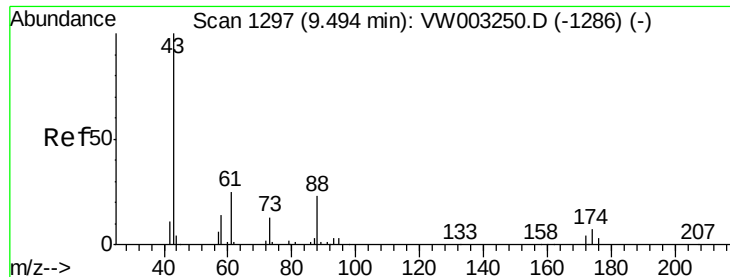
Tgt Ion: 83 Resp: 146757
 Ion Ratio Lower Upper
 83 100
 85 63.5 50.6 75.8
 127 9.1 6.8 10.2



#48
 Methyl methacrylate
 Concen: 50.701 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 41 Resp: 60207
 Ion Ratio Lower Upper
 41 100
 69 82.9 65.4 98.2
 39 60.9 54.2 81.2

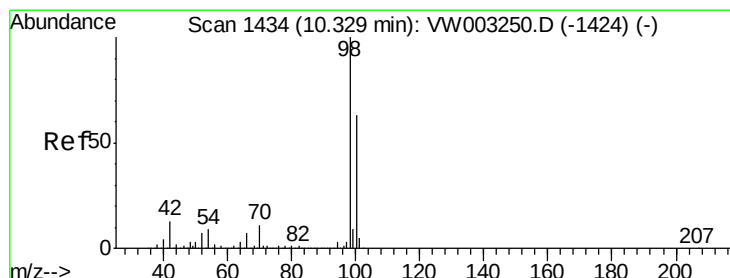
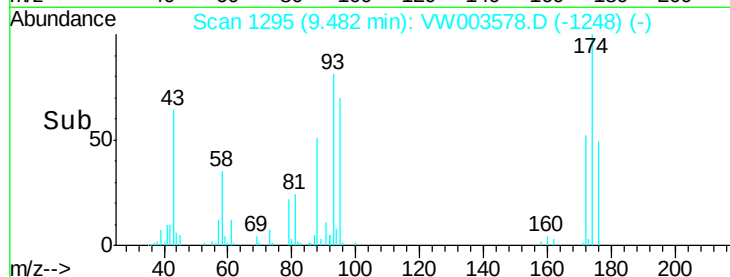
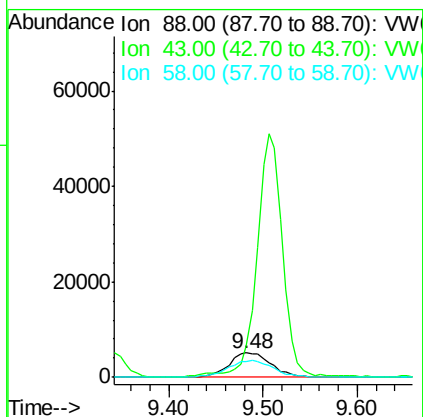
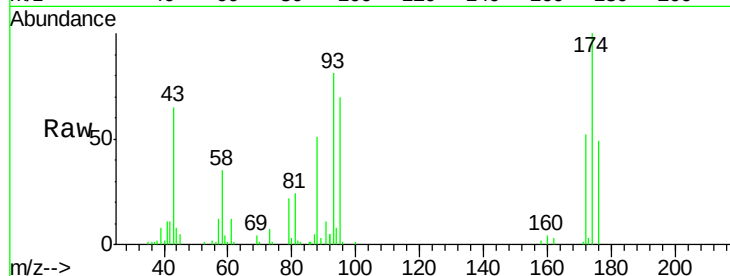




#49
 1,4-Dioxane
 Concen: 962.238 ug/l
 RT: 9.48 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

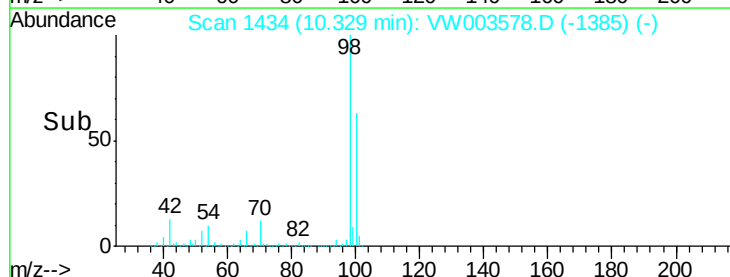
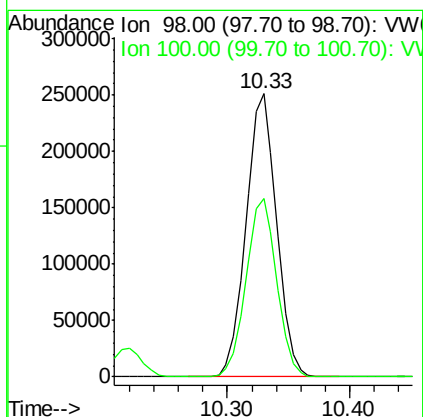
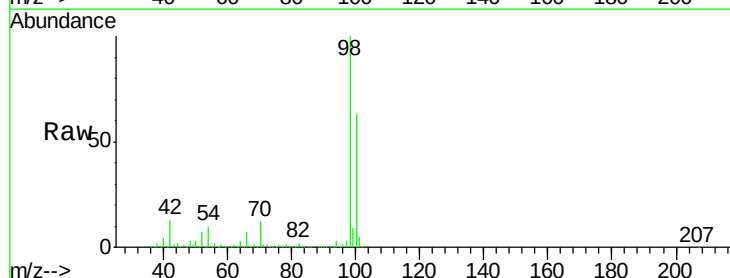
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

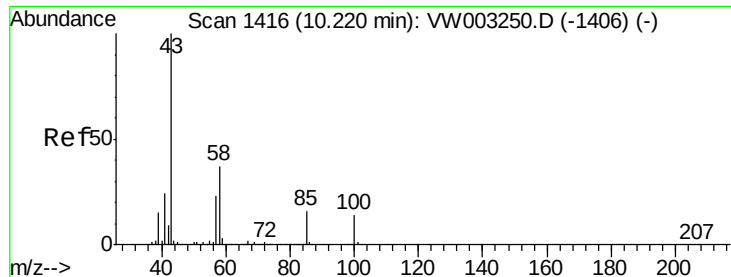
Tgt Ion: 88 Resp: 16036
 Ion Ratio Lower Upper
 88 100
 43 0.0 454.7 682.1#
 58 74.0 58.6 88.0



#50
 Toluene-d8
 Concen: 55.625 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 98 Resp: 435927
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.8 76.2

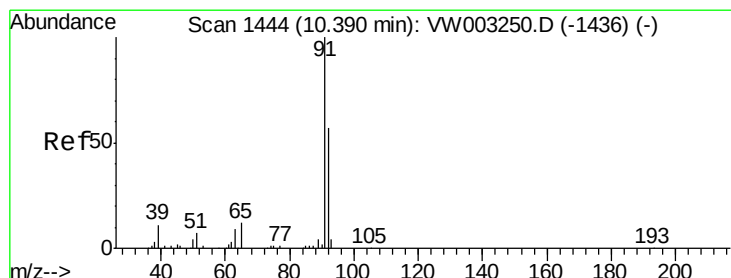
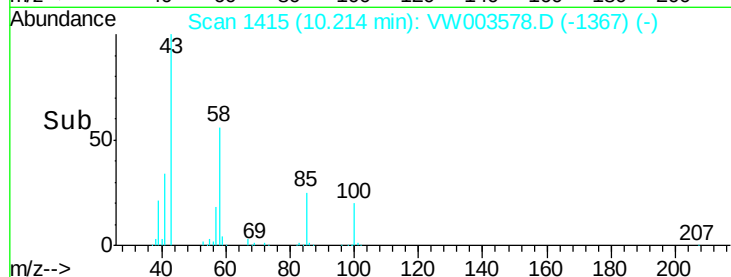
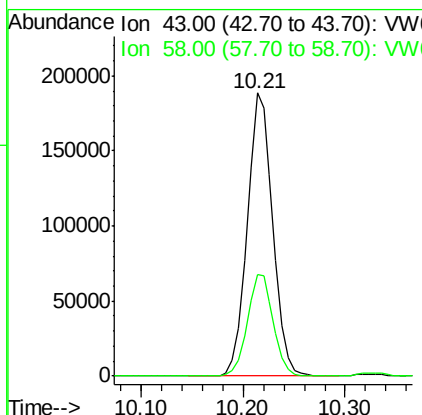
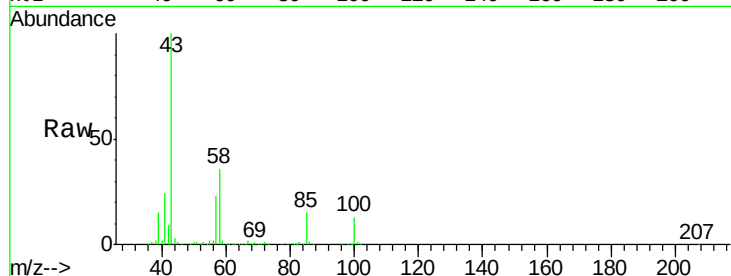




#51
 4-Methyl-2-Pentanone
 Concen: 253.963 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

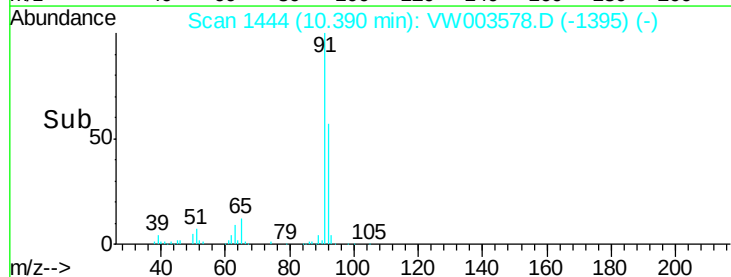
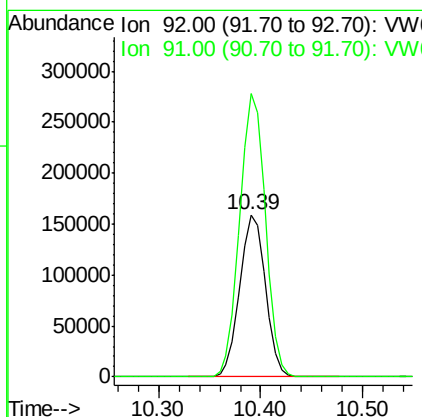
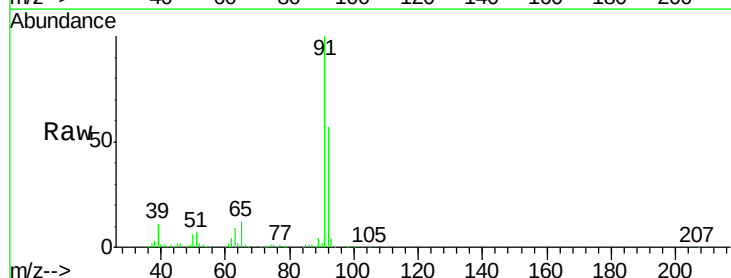
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

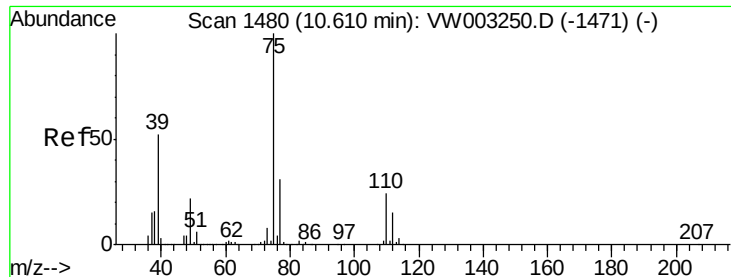
Tgt Ion: 43 Resp: 326991
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.0 43.4



#52
 Toluene
 Concen: 51.108 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 92 Resp: 277499
 Ion Ratio Lower Upper
 92 100
 91 175.2 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 50.238 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

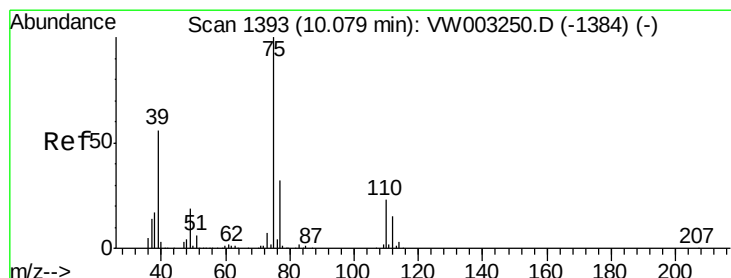
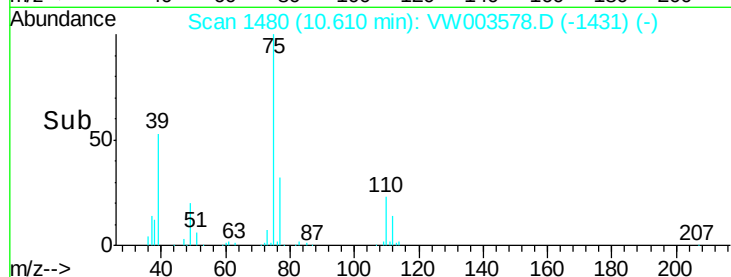
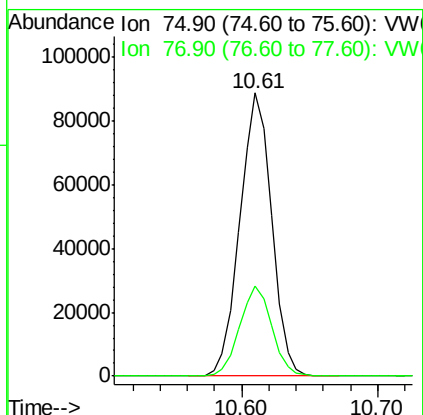
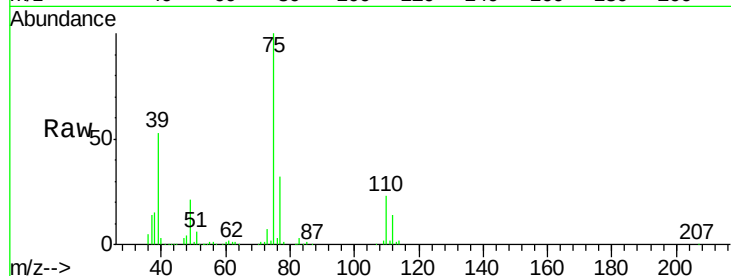
VSTDCCC050

Tgt Ion: 75 Resp: 145190

Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 50.583 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

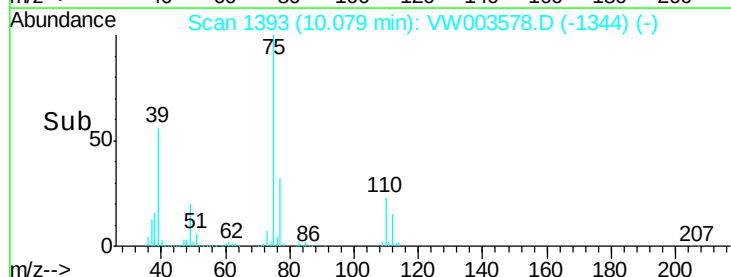
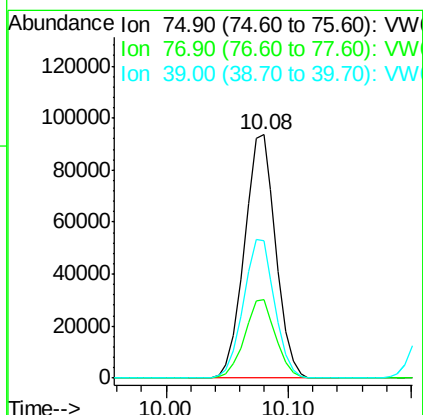
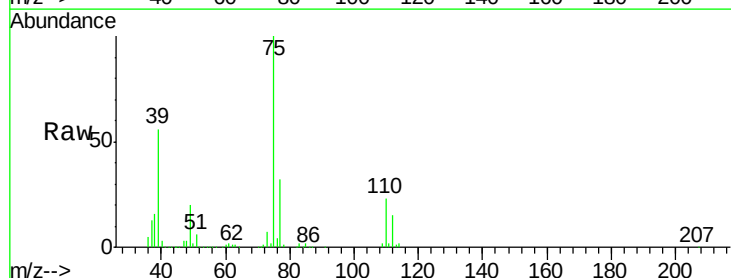
Tgt Ion: 75 Resp: 166385

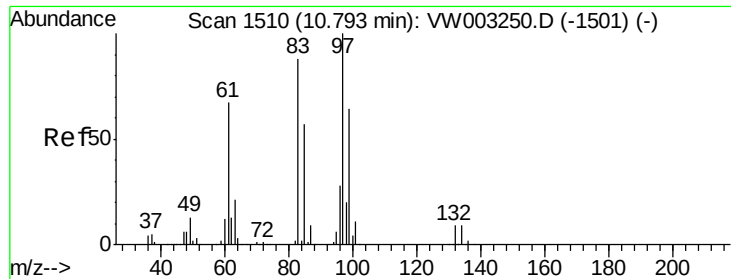
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 56.2 45.2 67.8

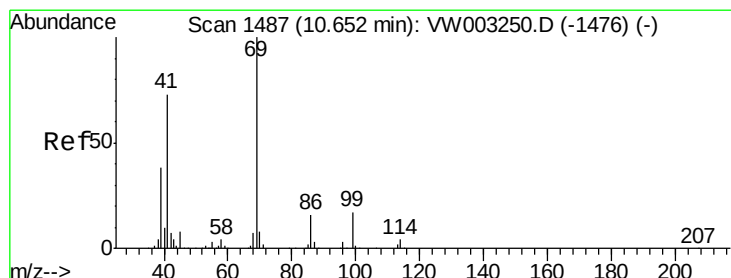
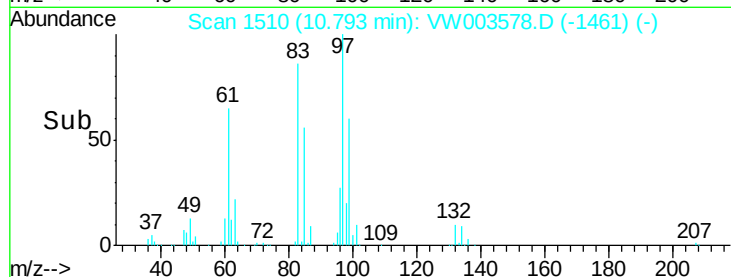
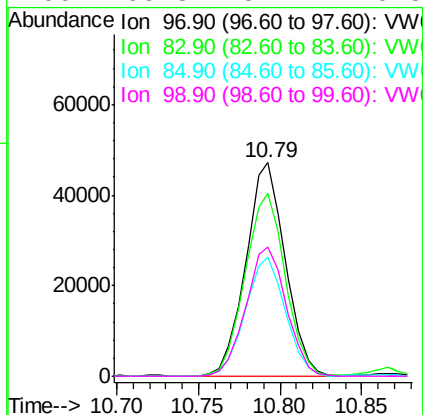
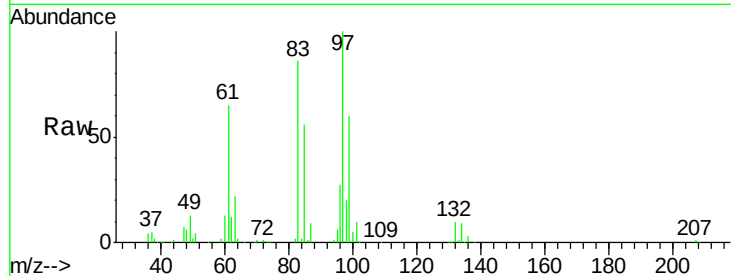




#55
 1,1,2-Trichloroethane
 Concen: 50.947 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

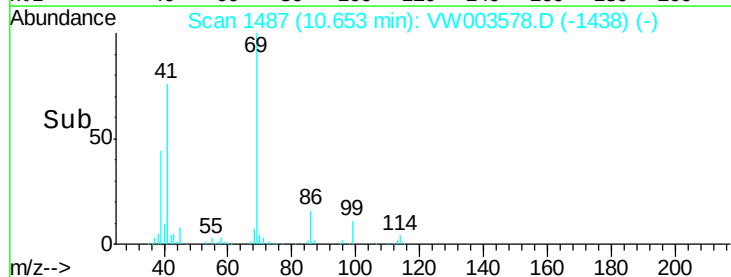
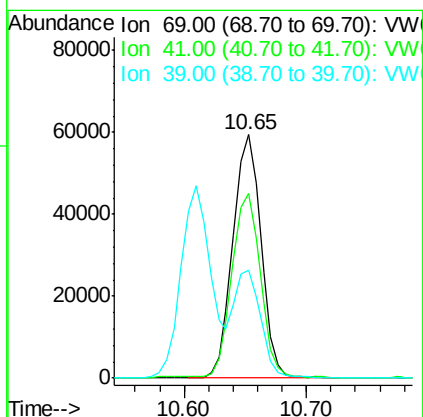
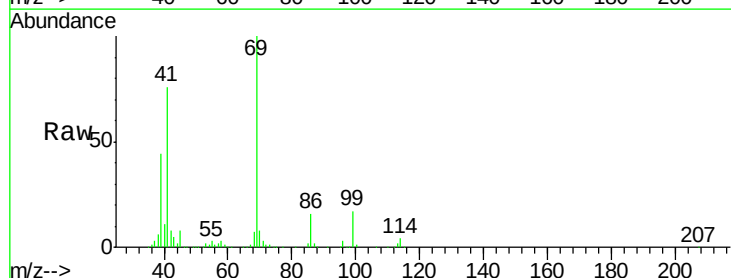
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 ClientSampleId :
 VSTDCCC050

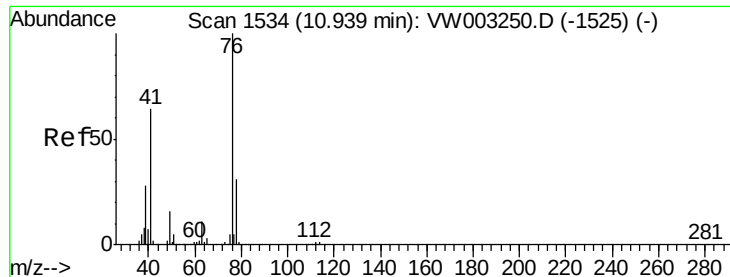
Tgt Ion:	97	Resp:	79239
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	55.9	45.6	68.4
99	60.3	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 50.262 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion:	69	Resp:	94929
Ion	Ratio	Lower	Upper
69	100		
41	75.8	57.8	86.6
39	41.0	32.7	49.1

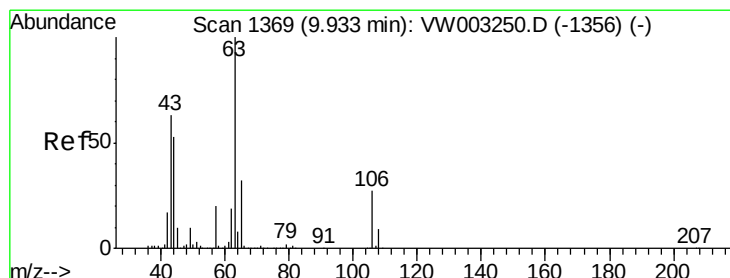
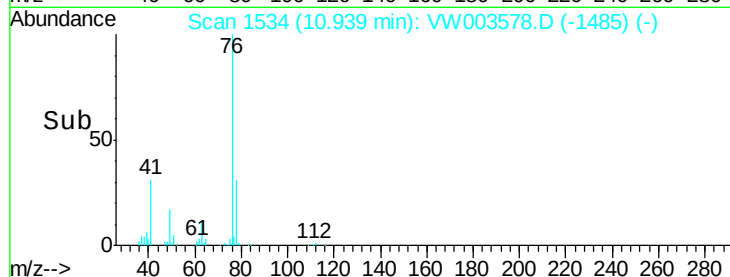
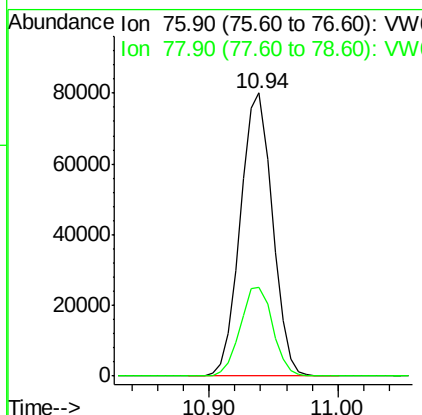
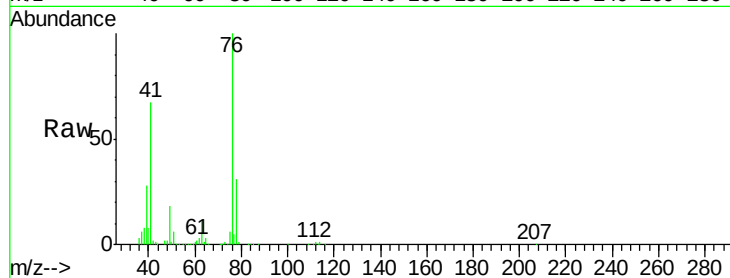




#57
 1,3-Dichloropropane
 Concen: 51.342 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

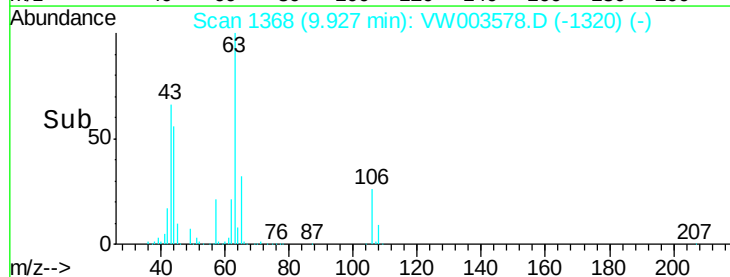
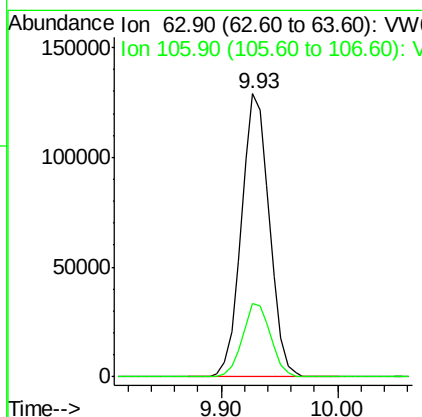
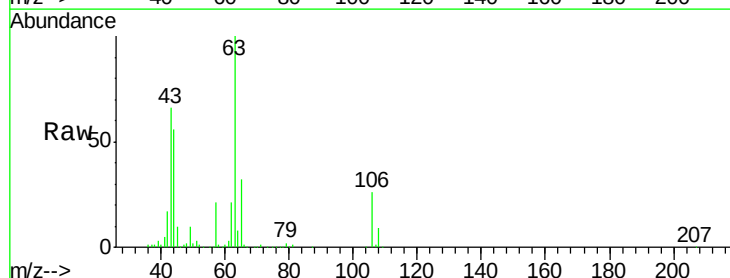
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

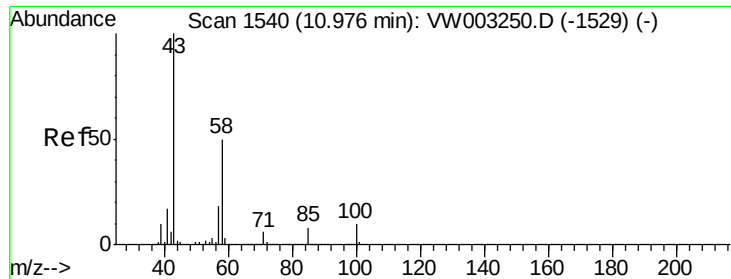
Tgt Ion: 76 Resp: 137724
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.947 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 63 Resp: 215853
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8

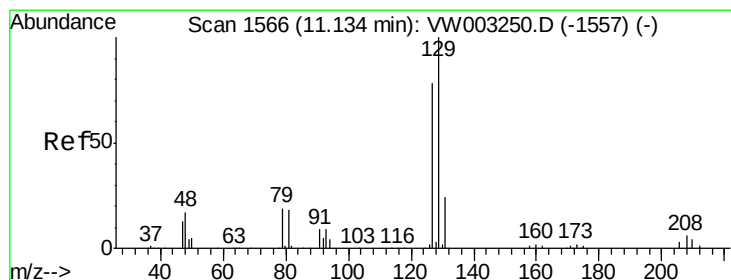
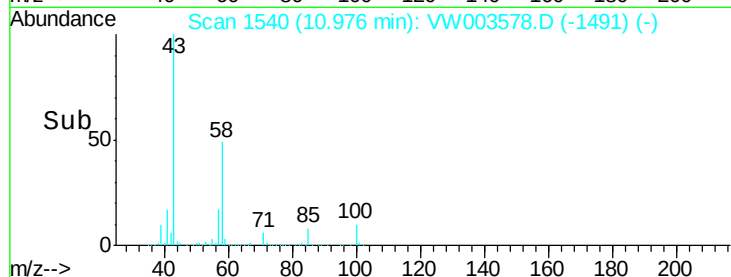
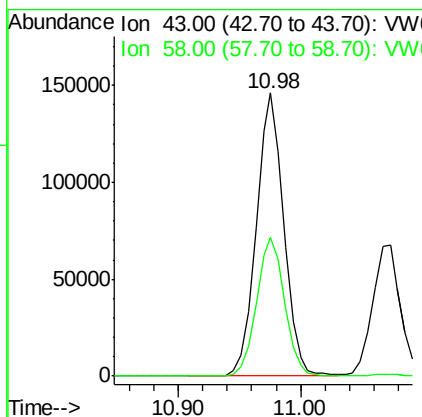
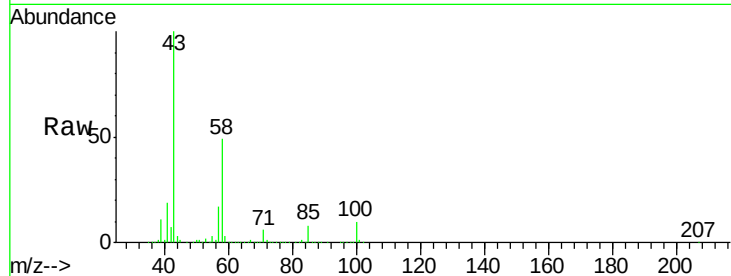




#59
2-Hexanone
Concen: 254.673 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

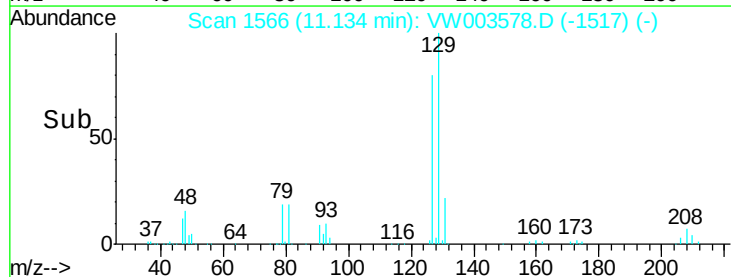
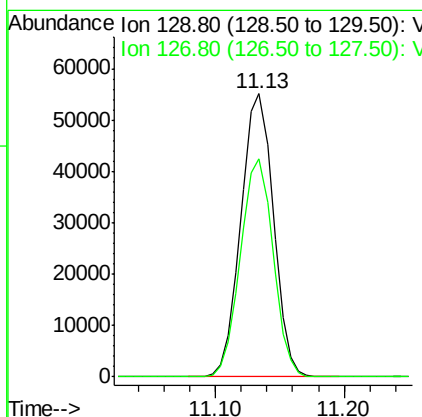
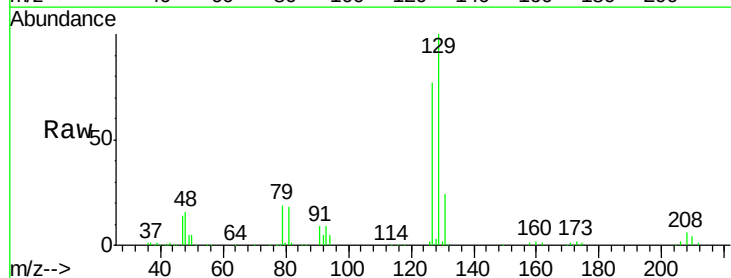
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ClientSampleId :
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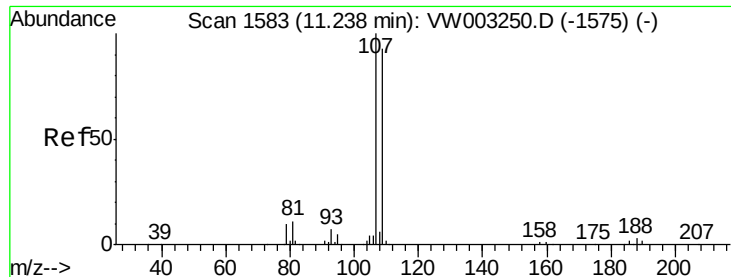
Tgt Ion: 43 Resp: 229071
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0



#60
Dibromochloromethane
Concen: 52.138 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 129 Resp: 96436
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5

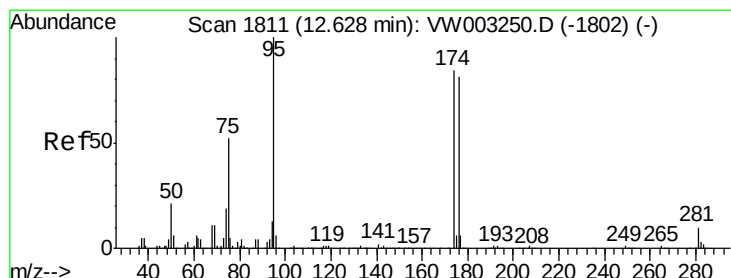
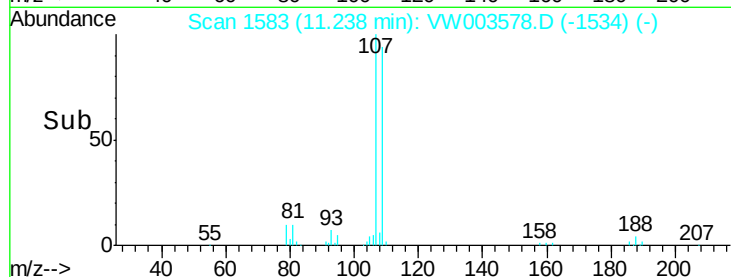
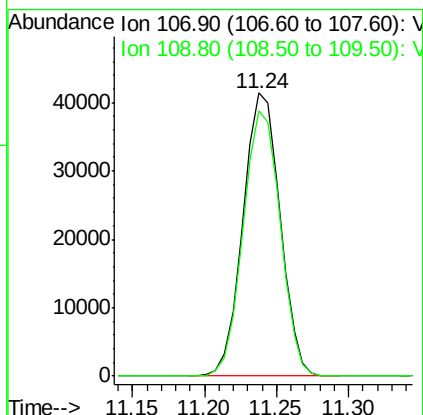
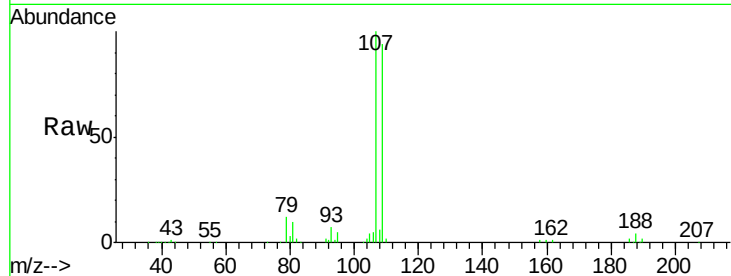




#61
 1,2-Dibromoethane
 Concen: 50.112 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

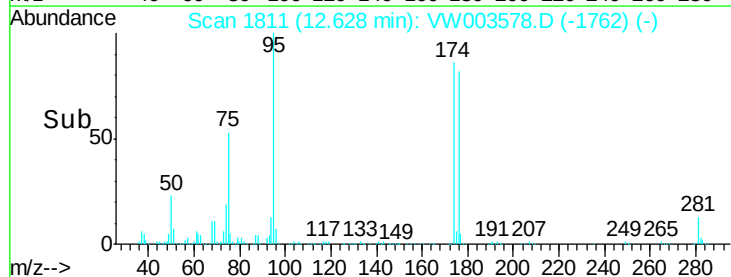
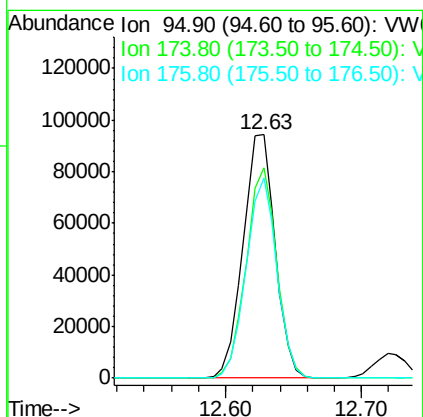
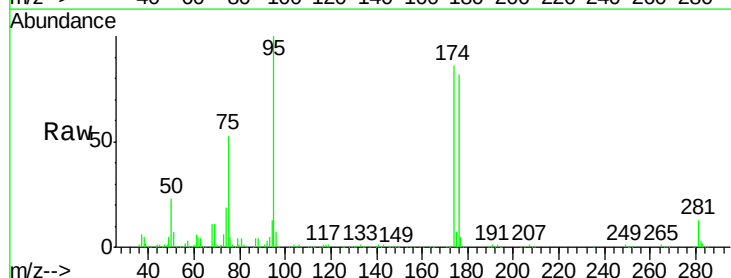
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 MSVOA_W
 ClientSampleId :
 VSTDCCC050

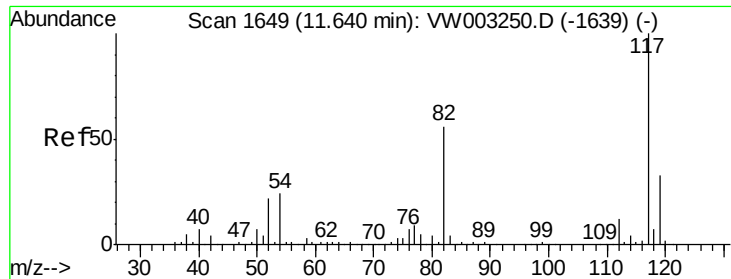
Tgt Ion: 107 Resp: 73725
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 56.252 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 95 Resp: 156010
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 166.4
 176 79.0 0.0 162.0

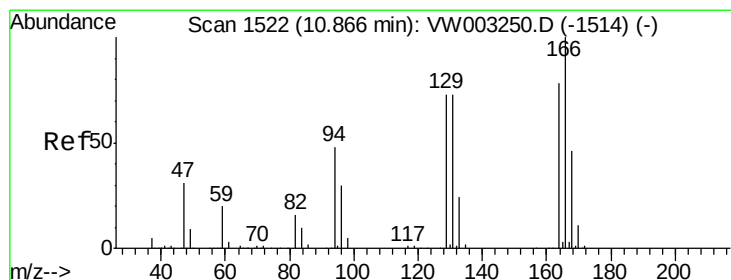
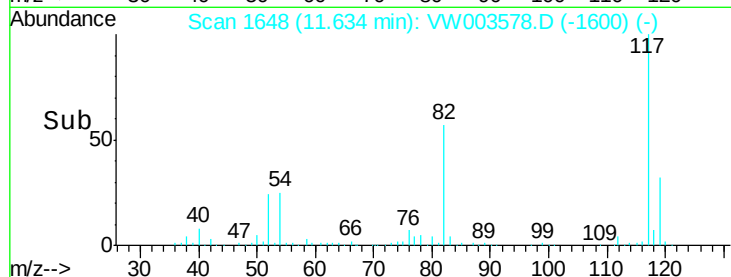
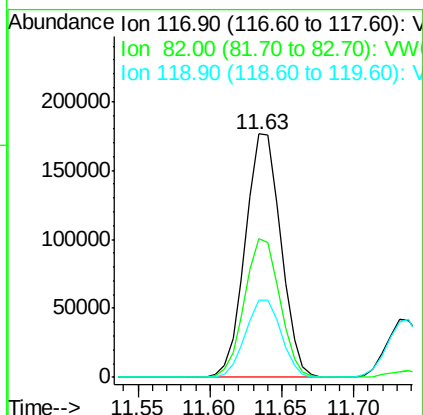
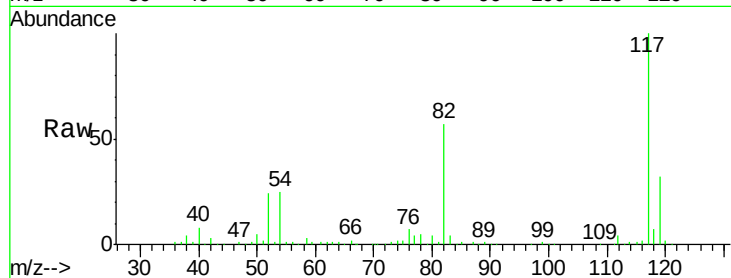




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

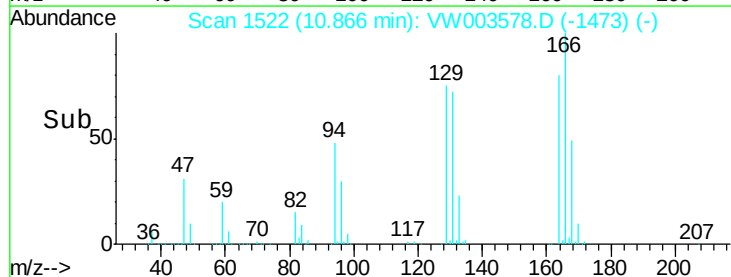
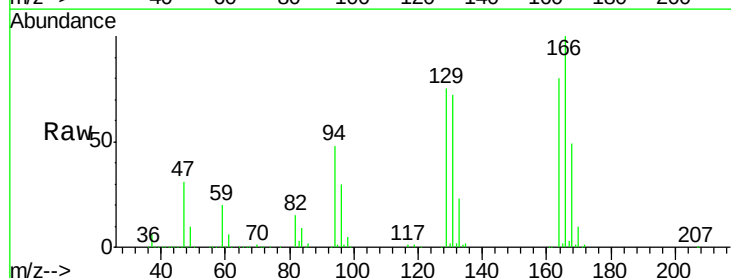
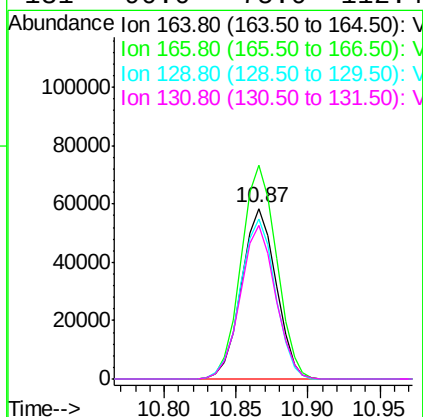
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

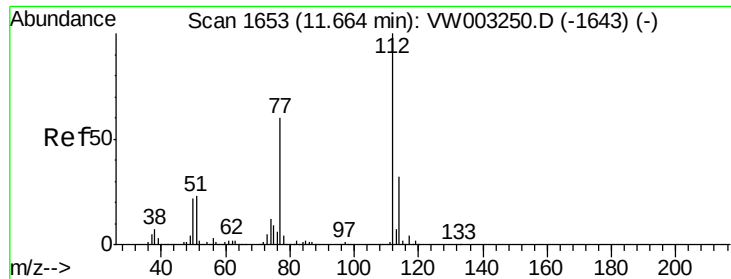
Tgt Ion:117 Resp: 300897
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 31.9 26.7 40.1



#64
Tetrachloroethene
Concen: 48.508 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion:164 Resp: 97625
Ion Ratio Lower Upper
164 100
166 125.1 102.6 154.0
129 93.6 75.2 112.8
131 90.0 75.0 112.4





#65

Chlorobenzene

Concen: 48.620 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

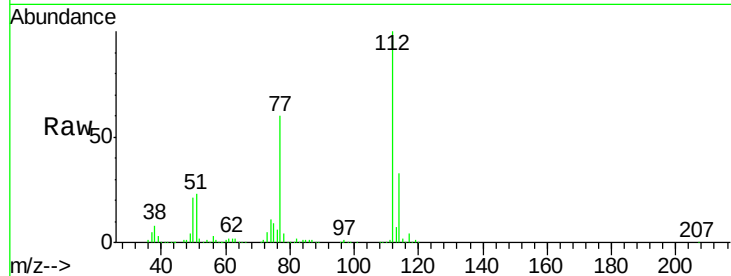
VSTDCCC050

Tgt Ion:112 Resp: 304650

Ion Ratio Lower Upper

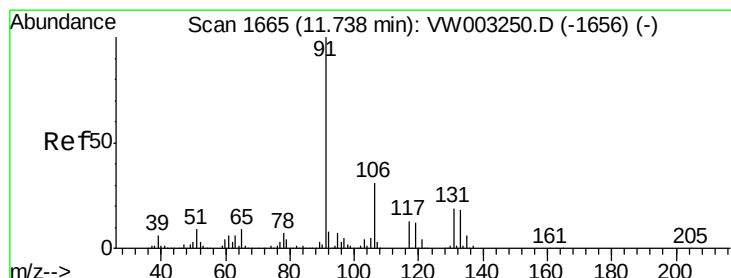
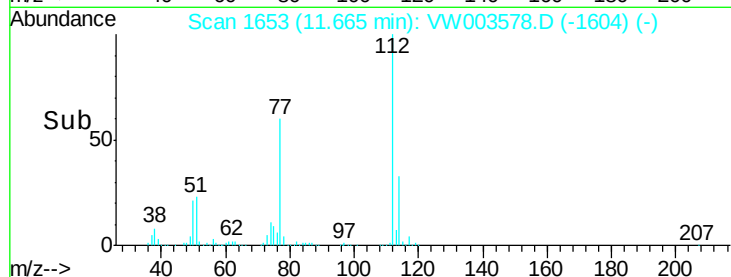
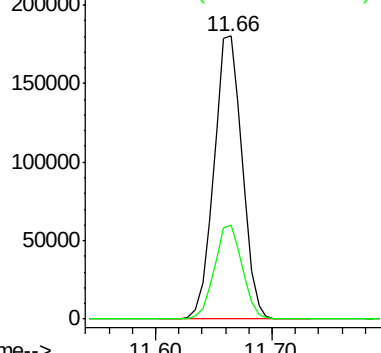
112 100

114 33.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.629 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

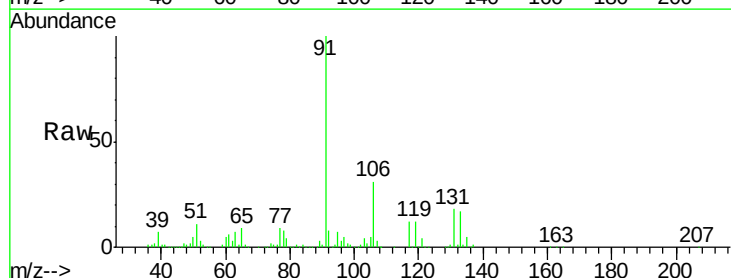
Tgt Ion:131 Resp: 109283

Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

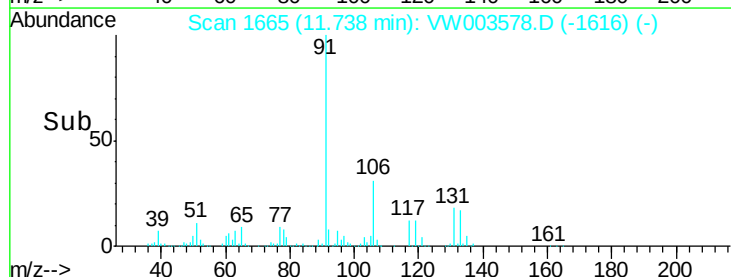
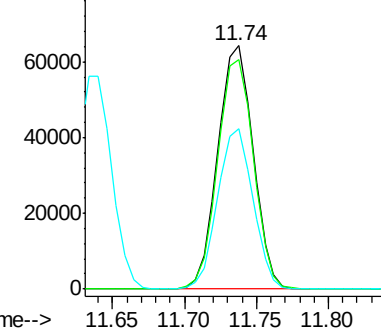
119 65.7 32.5 97.4

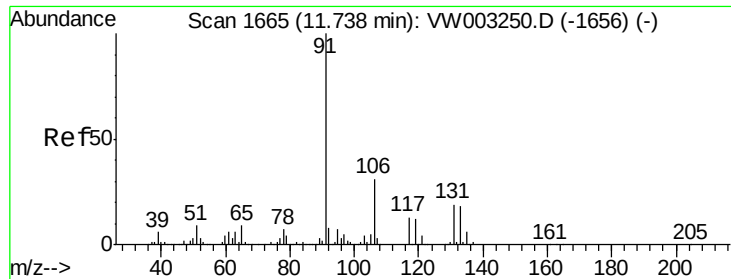


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

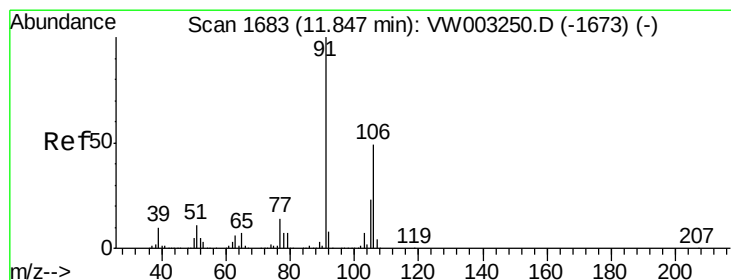
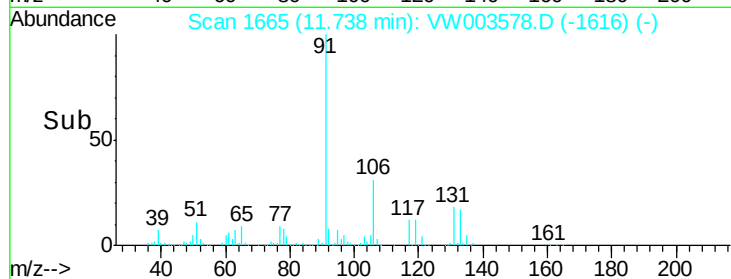
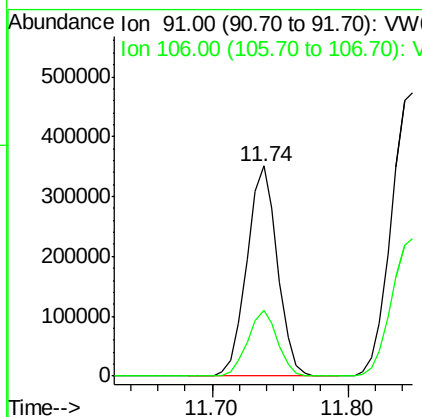
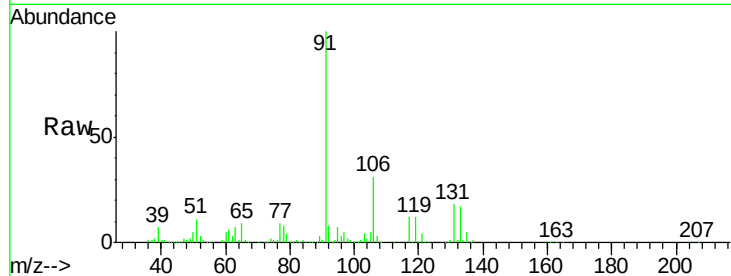




#67
Ethyl Benzene
Concen: 49.620 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

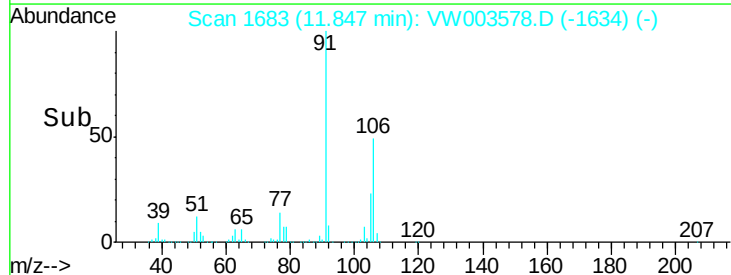
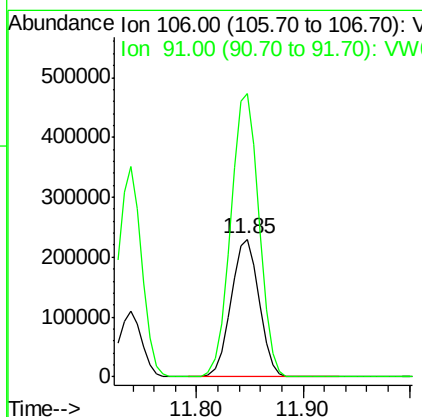
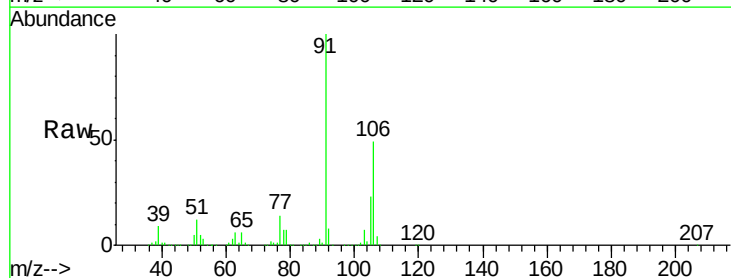
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

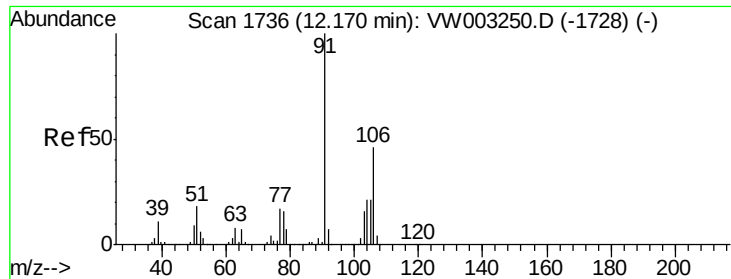
Tgt Ion: 91 Resp: 551139
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1



#68
m/p-Xylenes
Concen: 100.857 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 106 Resp: 425840
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.0

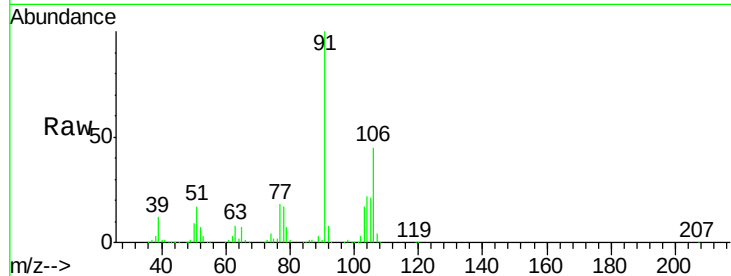




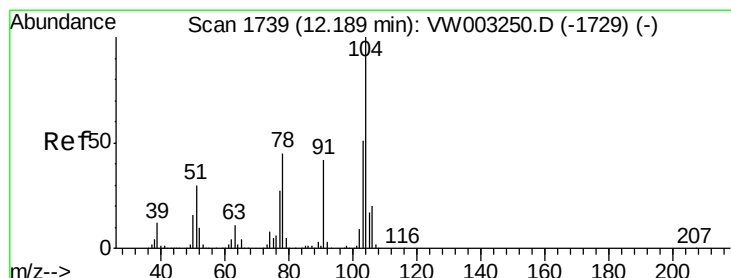
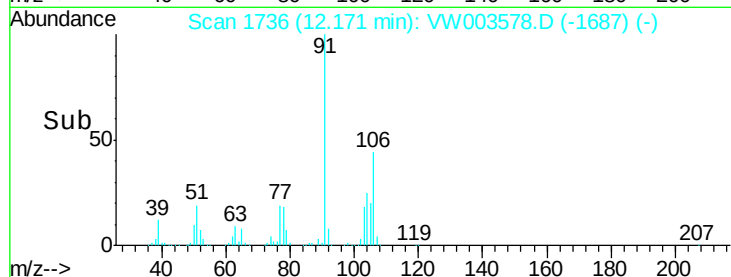
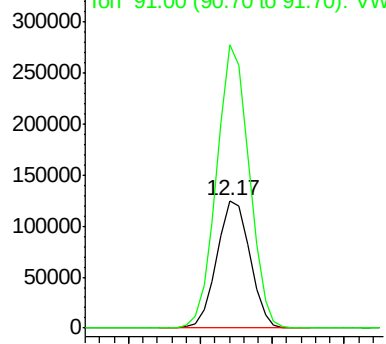
#69
o-Xylene
Concen: 50.793 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 198756
Ion Ratio Lower Upper
106 100
91 218.2 108.6 325.6

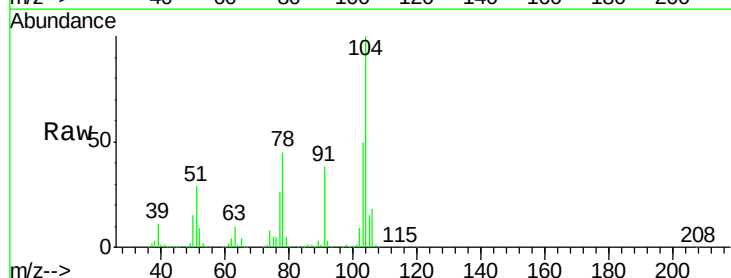


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

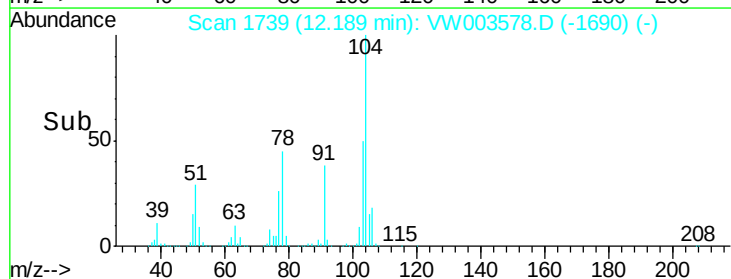
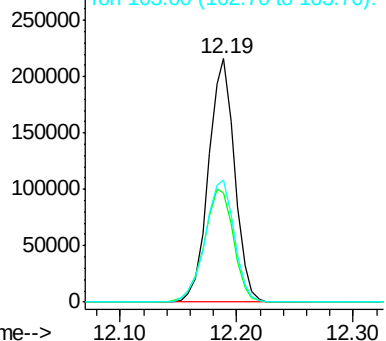


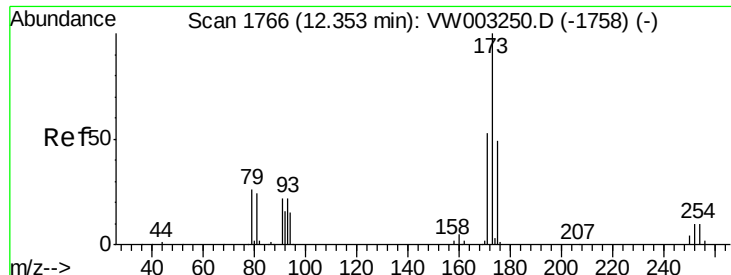
#70
Styrene
Concen: 51.921 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion:104 Resp: 338172
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 55.5 45.0 67.4



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





#71

Bromoform

Concen: 47.916 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

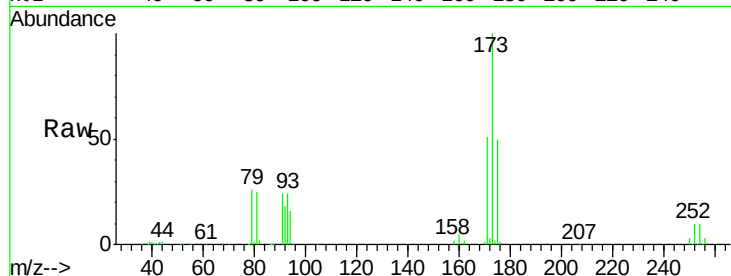
Tgt Ion:173 Resp: 54682

Ion Ratio Lower Upper

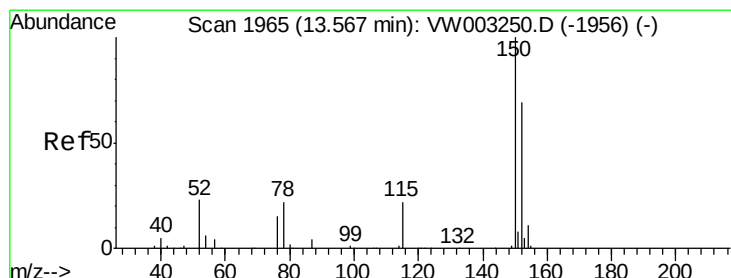
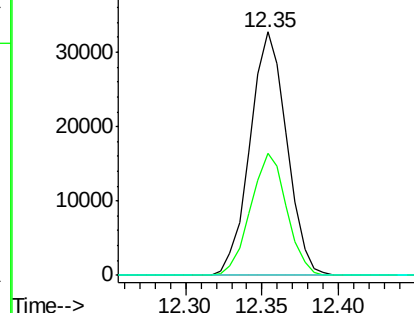
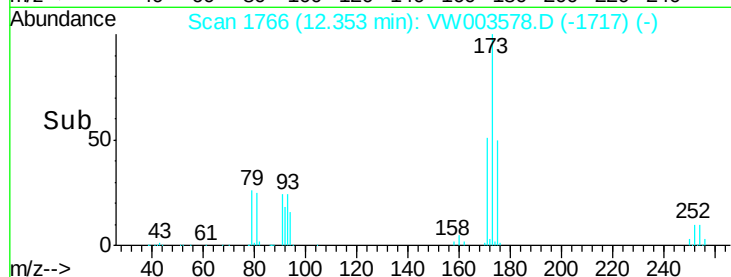
173 100

175 49.4 24.4 73.4

254 0.1 0.1 0.1#



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: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

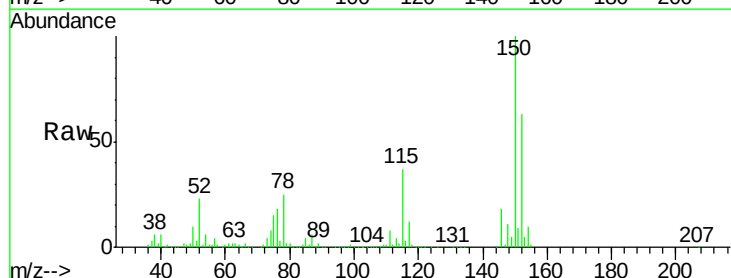
Tgt Ion:152 Resp: 164286

Ion Ratio Lower Upper

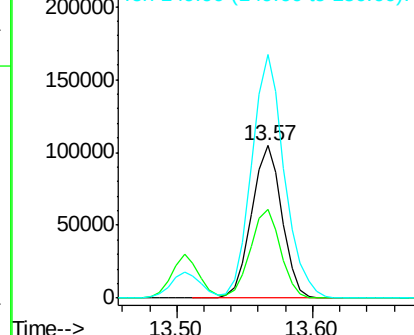
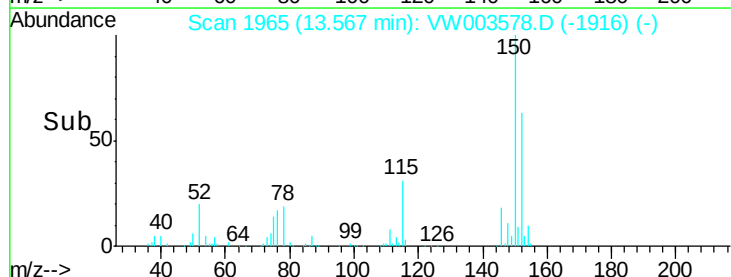
152 100

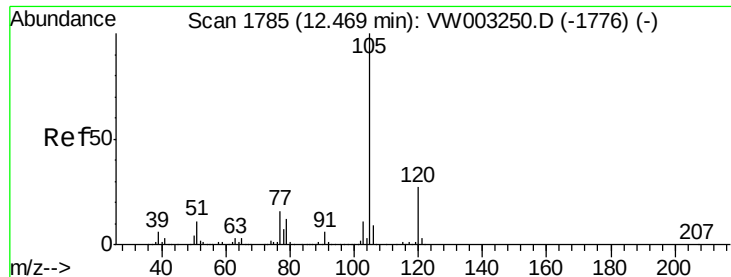
115 58.0 29.3 88.0

150 172.0 0.0 349.6



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: 48.907 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

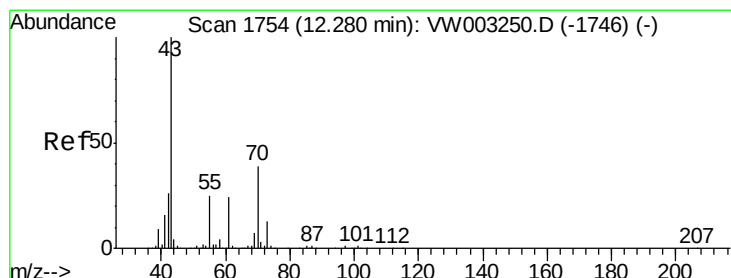
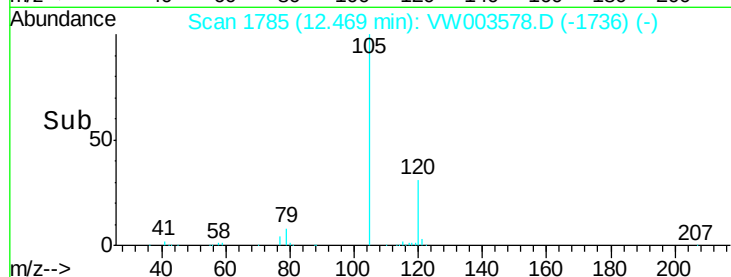
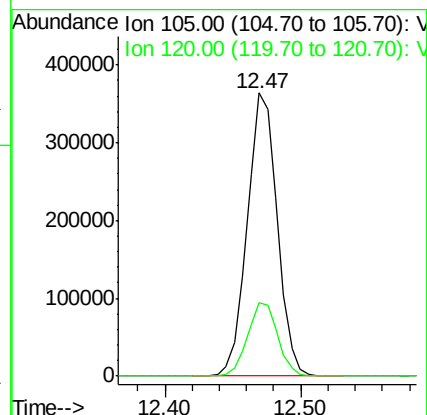
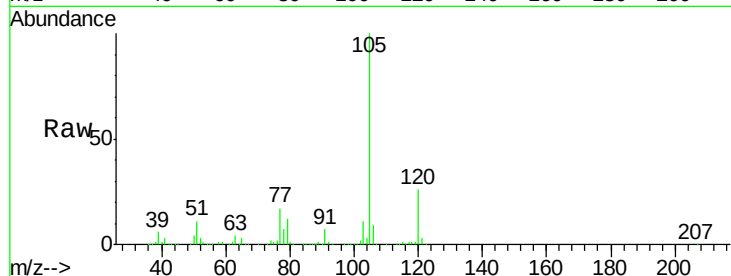
VSTDCCC050

Tgt Ion: 105 Resp: 558844

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 47.661 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion: 43 Resp: 123960

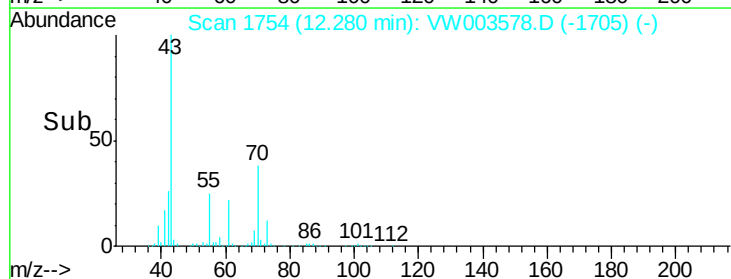
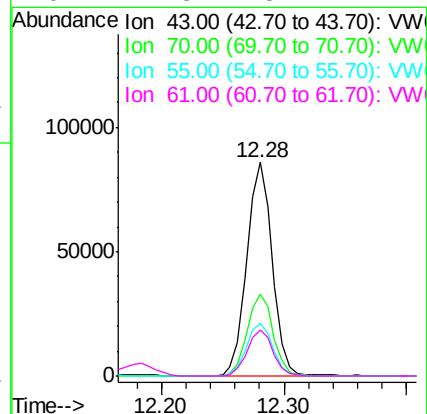
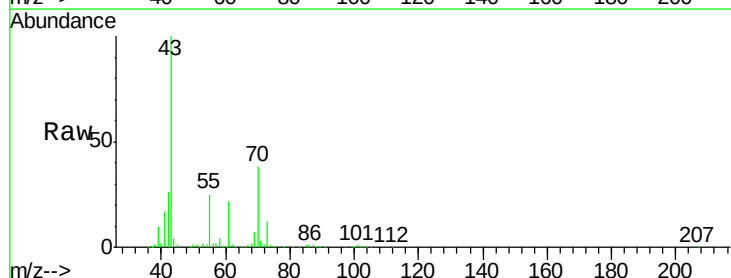
Ion Ratio Lower Upper

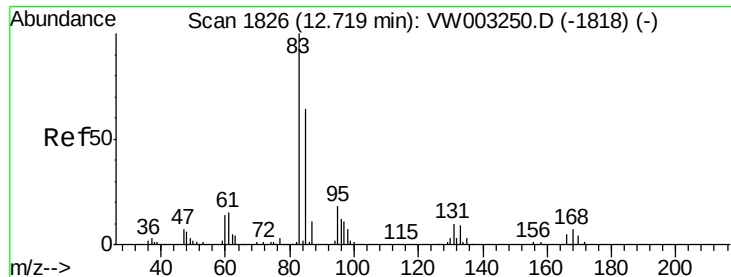
43 100

70 38.7 31.0 46.6

55 25.8 19.7 29.5

61 22.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.678 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

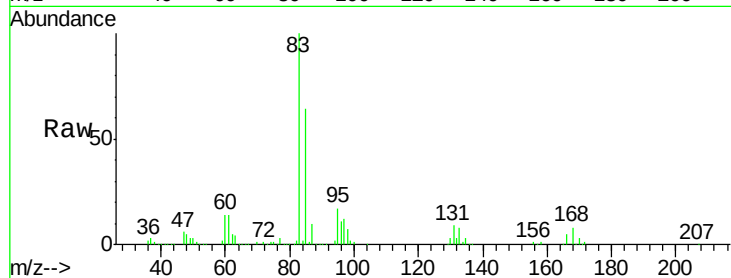
Tgt Ion: 83 Resp: 94103

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

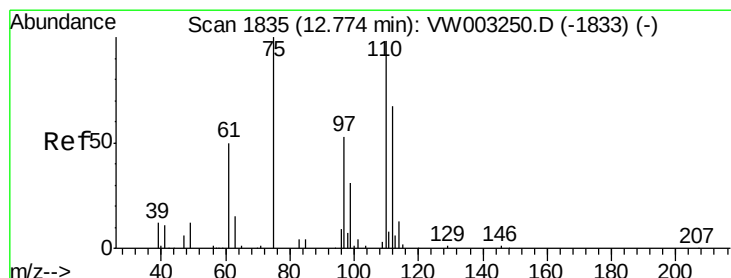
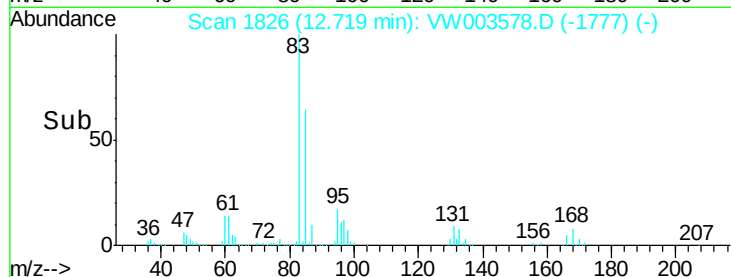
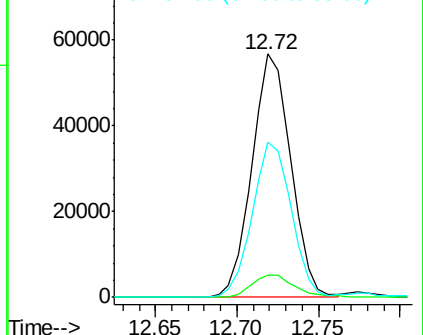
85 64.0 31.9 95.7



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: 89.534 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003578.D

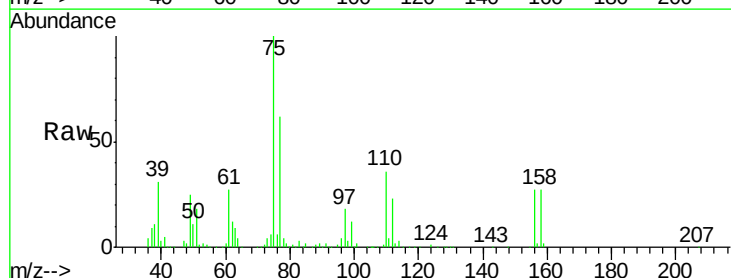
Acq: 26 Jun 2018 18:56

Tgt Ion: 75 Resp: 125746

Ion Ratio Lower Upper

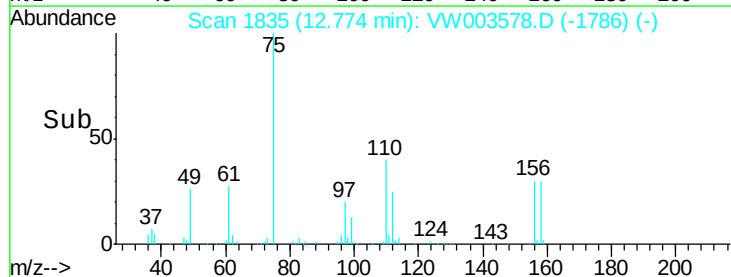
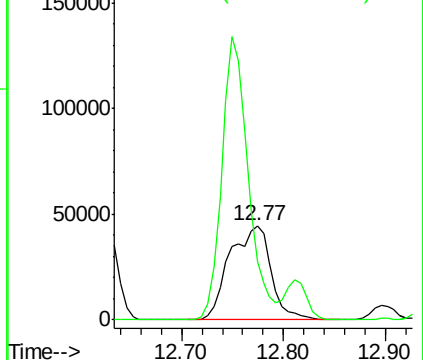
75 100

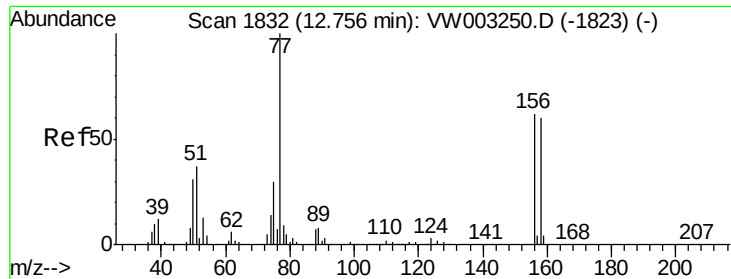
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.357 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

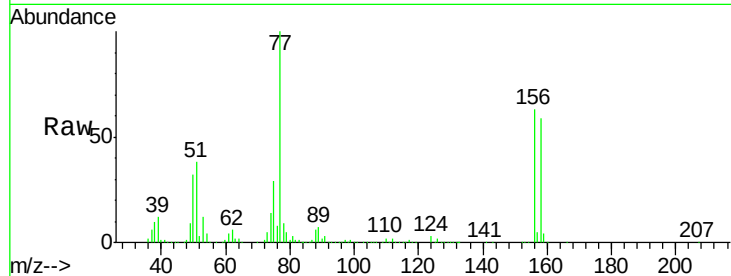
Tgt Ion:156 Resp: 128686

Ion Ratio Lower Upper

156 100

77 186.9 92.3 276.9

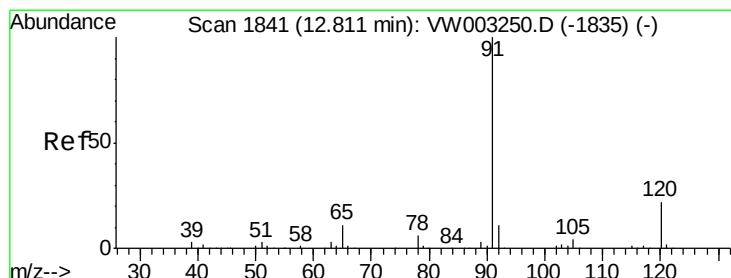
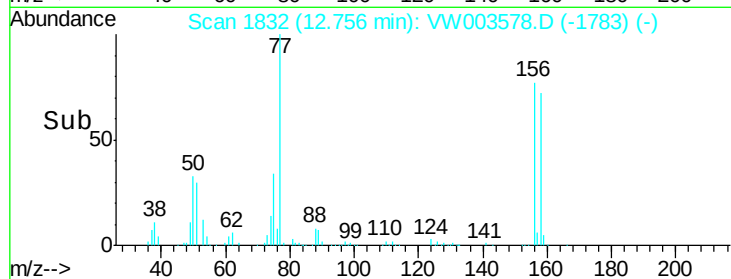
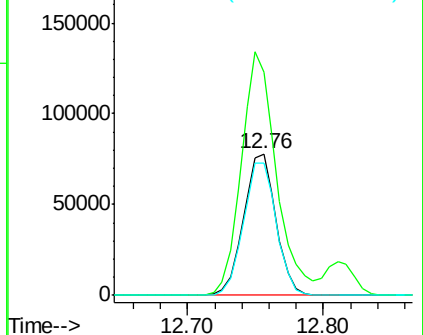
158 95.9 47.5 142.6



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: 50.020 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003578.D

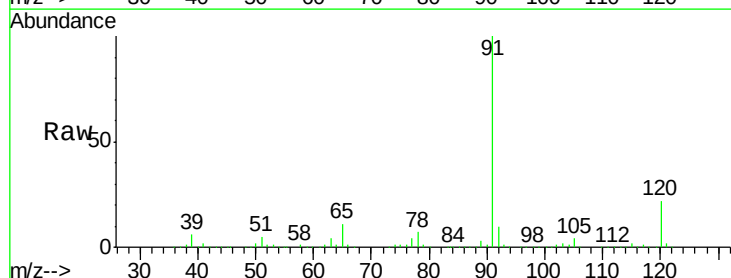
Acq: 26 Jun 2018 18:56

Tgt Ion: 91 Resp: 699871

Ion Ratio Lower Upper

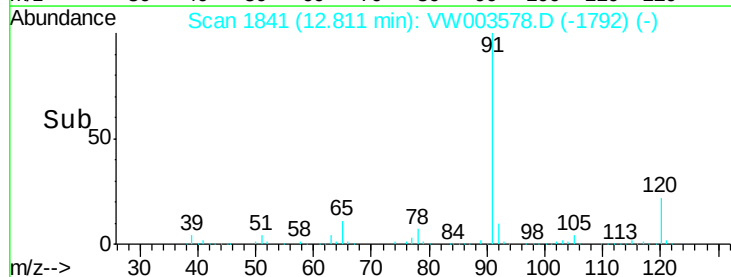
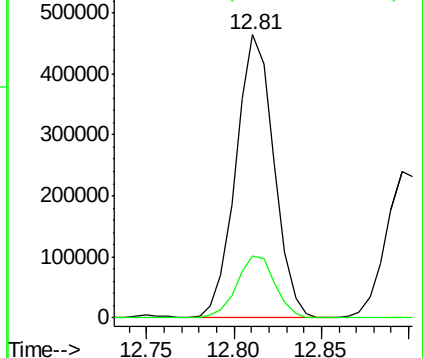
91 100

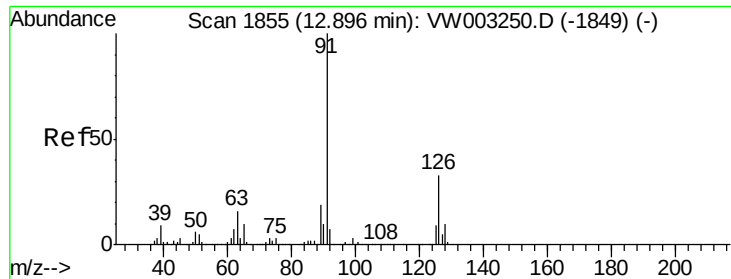
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.458 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

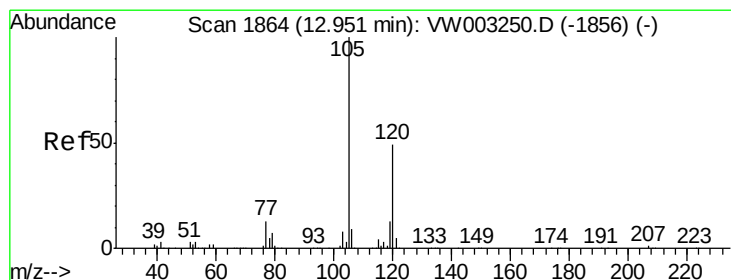
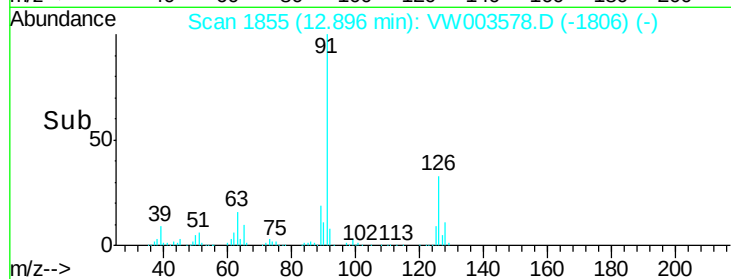
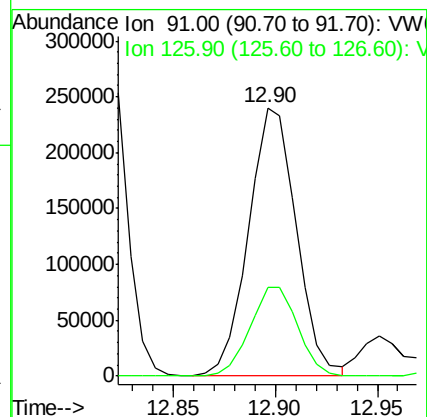
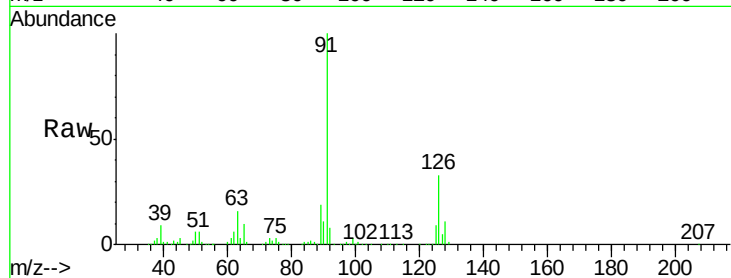
VSTDCCC050

Tgt Ion: 91 Resp: 391073

Ion Ratio Lower Upper

91 100

126 33.2 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 50.018 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003578.D

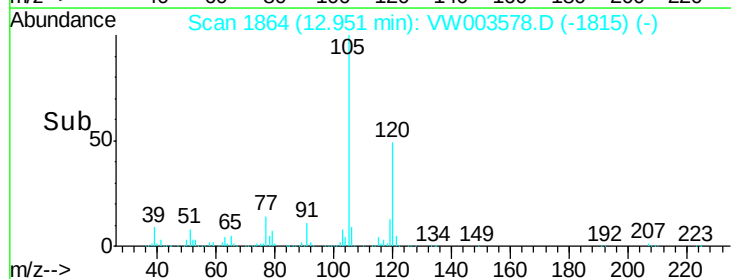
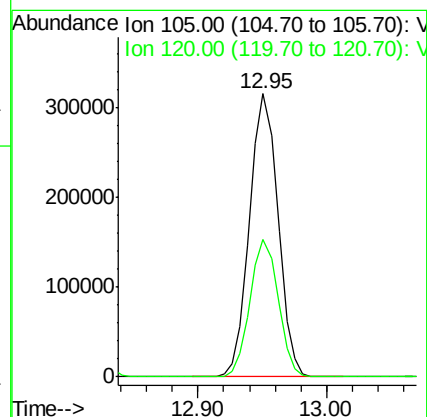
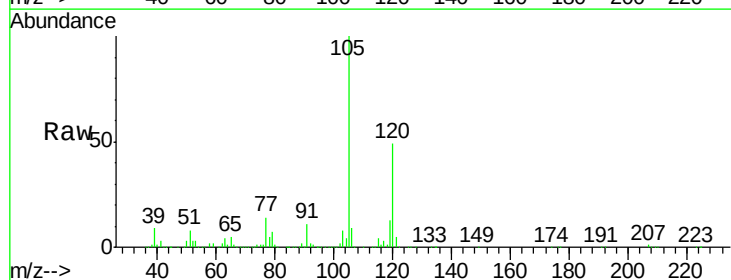
Acq: 26 Jun 2018 18:56

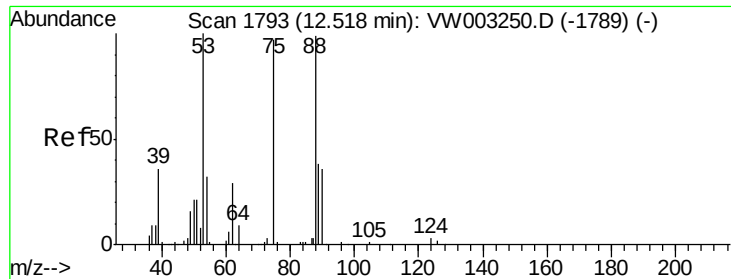
Tgt Ion: 105 Resp: 479741

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.781 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

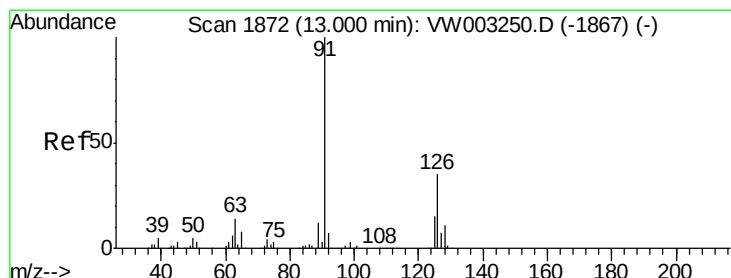
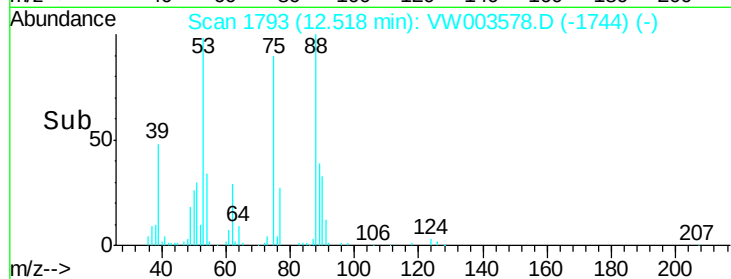
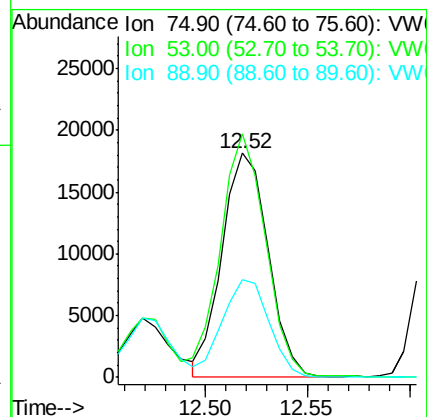
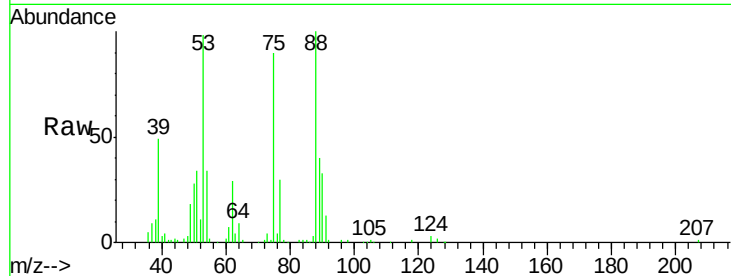
Tgt Ion: 75 Resp: 28553

Ion Ratio Lower Upper

75 100

53 107.3 82.9 124.3

89 44.4 36.7 55.1



#82

4-Chlorotoluene

Concen: 48.951 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003578.D

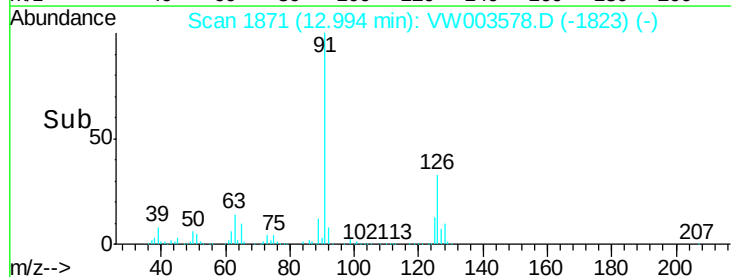
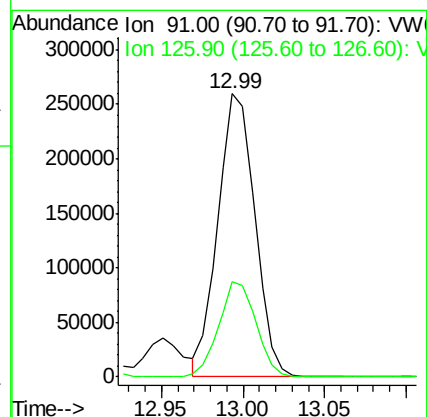
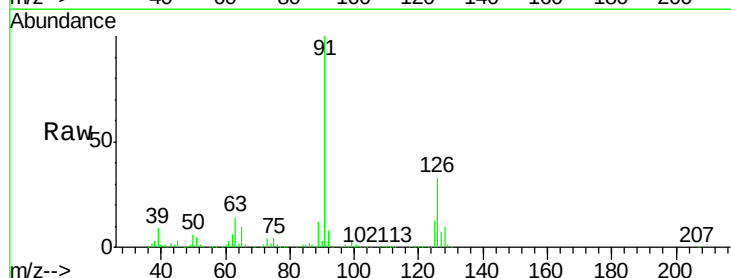
Acq: 26 Jun 2018 18:56

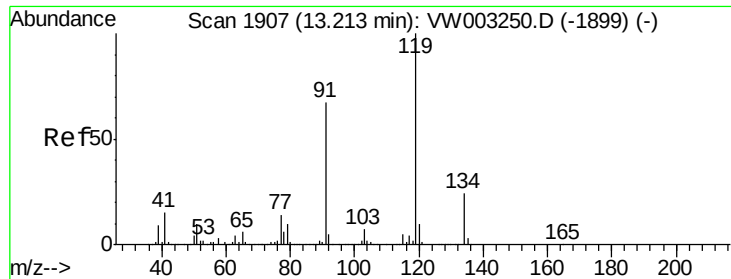
Tgt Ion: 91 Resp: 410603

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3

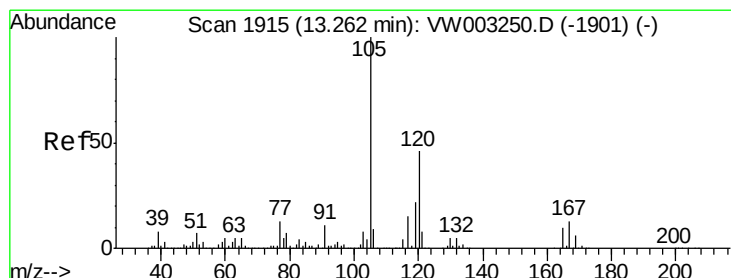
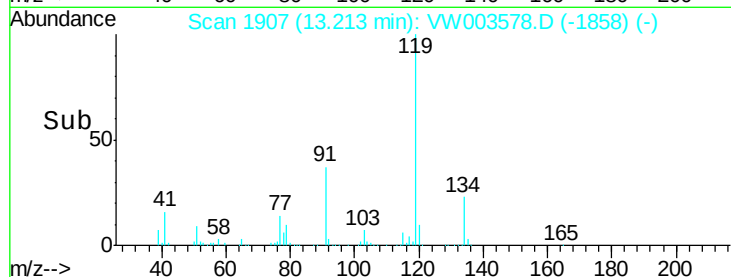
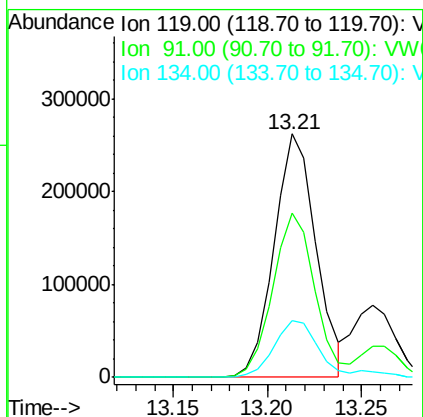
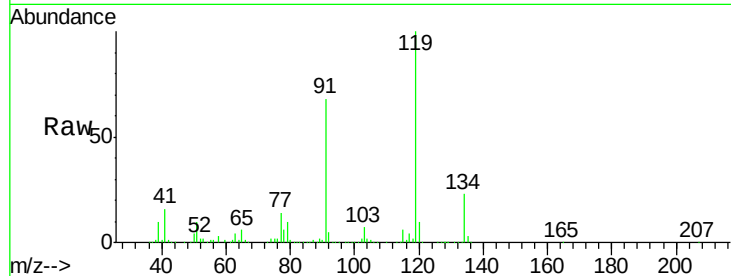




#83
 tert-Butylbenzene
 Concen: 49.427 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

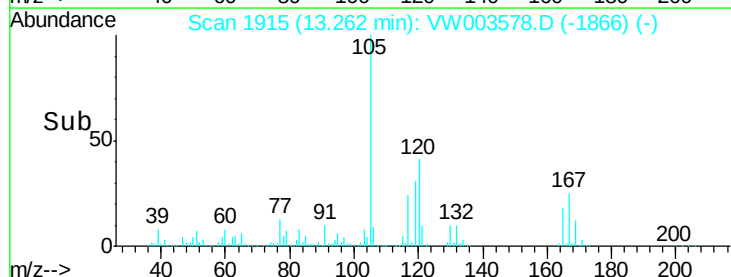
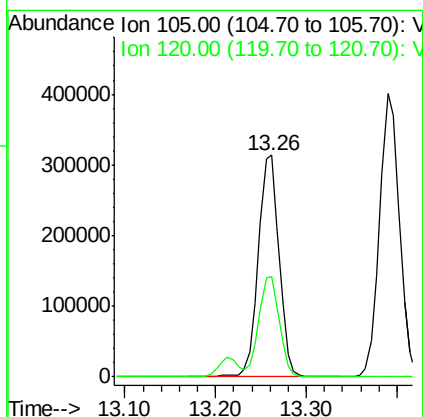
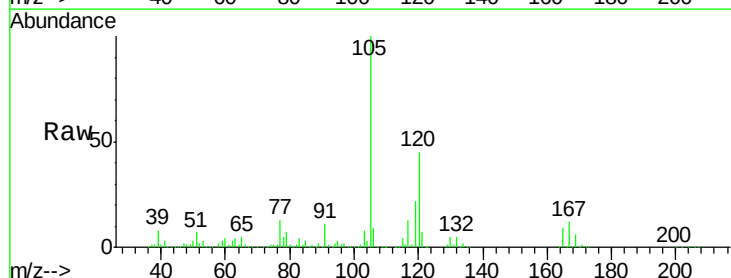
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

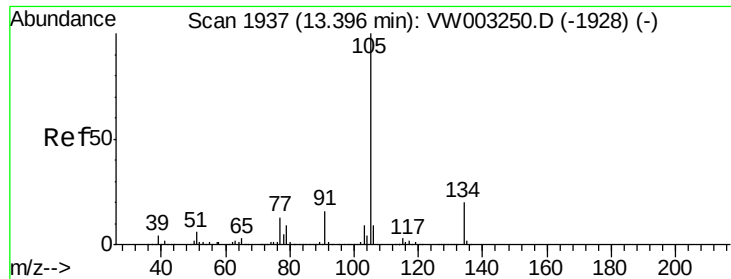
Tgt Ion:119 Resp: 404012
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.9 101.7
 134 24.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.357 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion:105 Resp: 496835
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.5 67.5

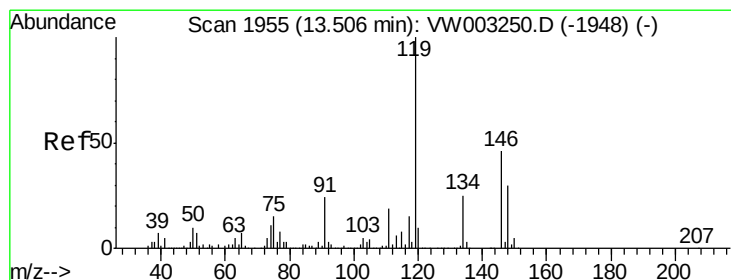
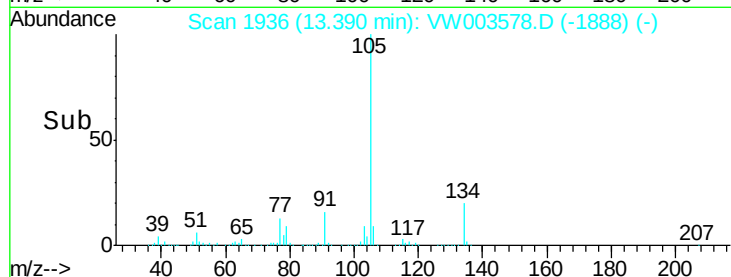
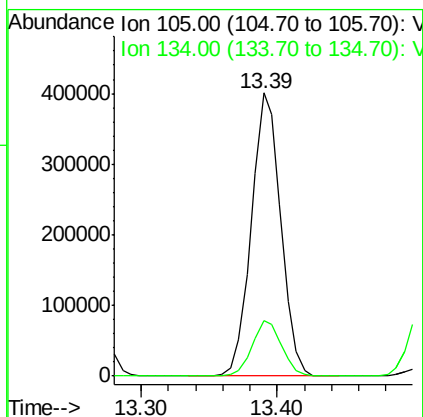
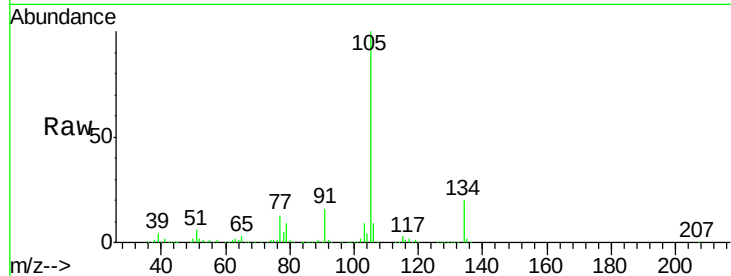




#85
 sec-Butylbenzene
 Concen: 49.984 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

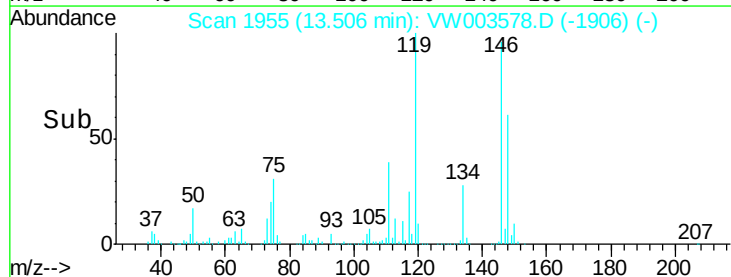
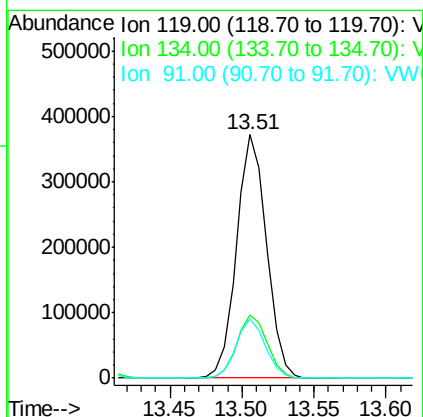
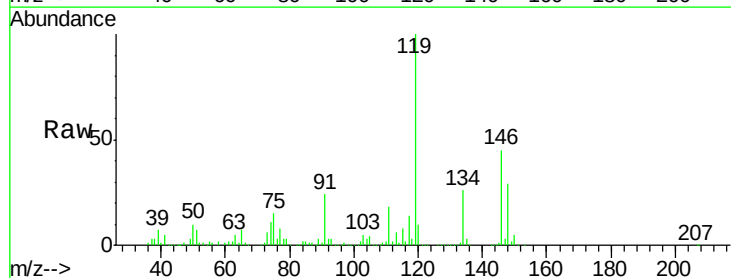
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

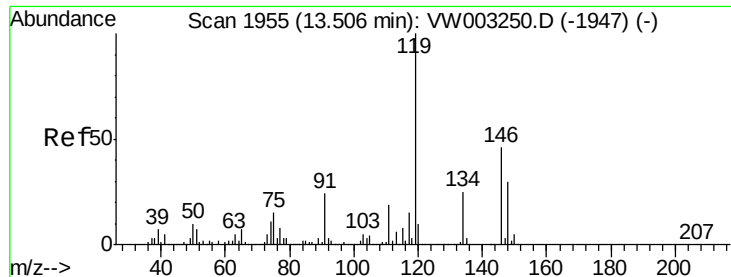
Tgt Ion:105 Resp: 607290
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.084 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion:119 Resp: 536699
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.9 11.8 35.3

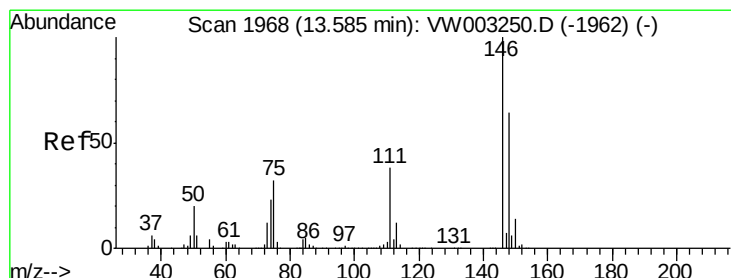
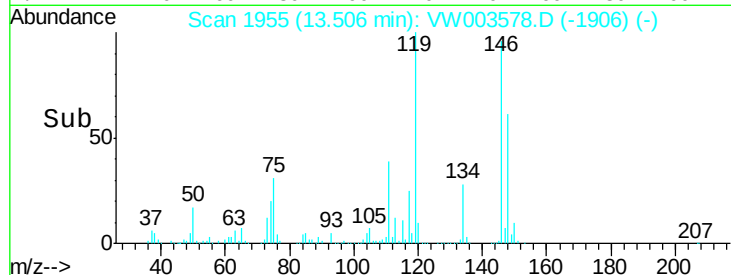
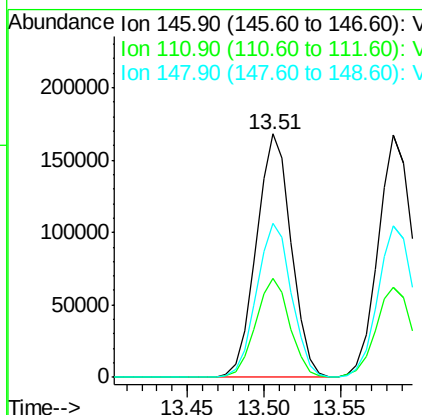
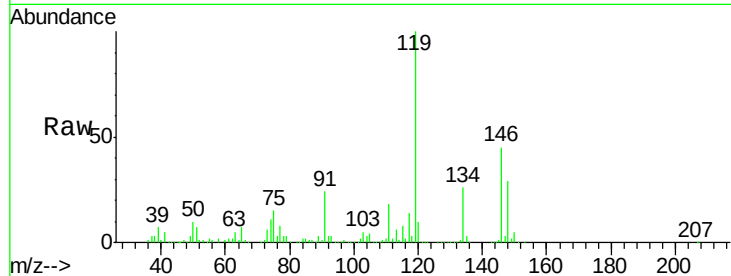




#87
 1,3-Dichlorobenzene
 Concen: 48.817 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

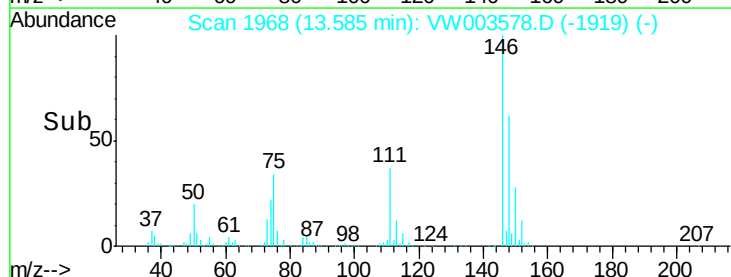
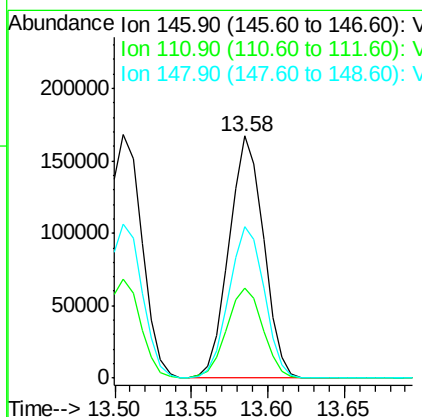
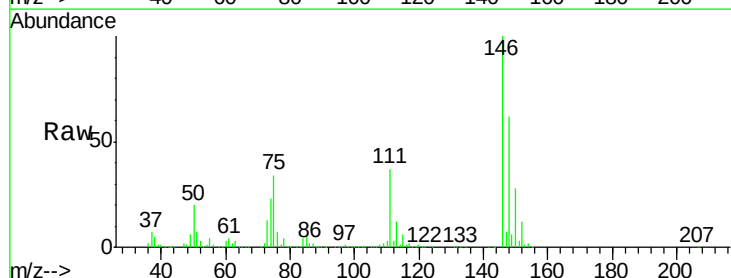
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

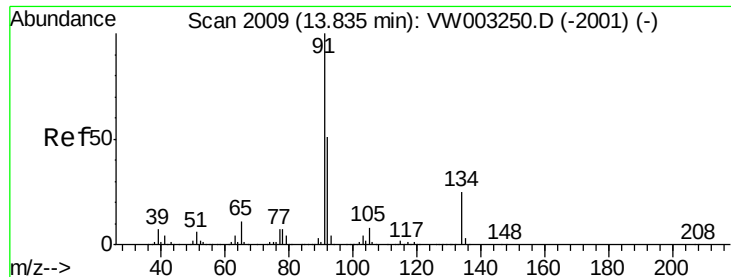
Tgt Ion:146 Resp: 266877
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.4
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.291 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion:146 Resp: 262456
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 50.070 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

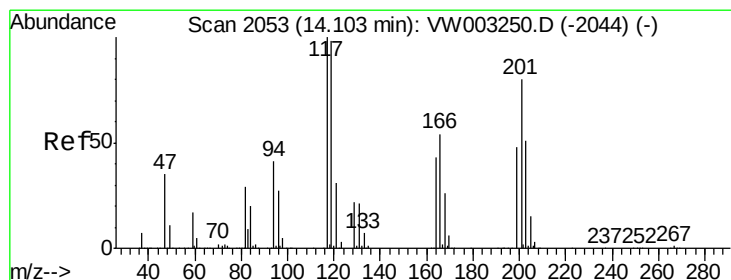
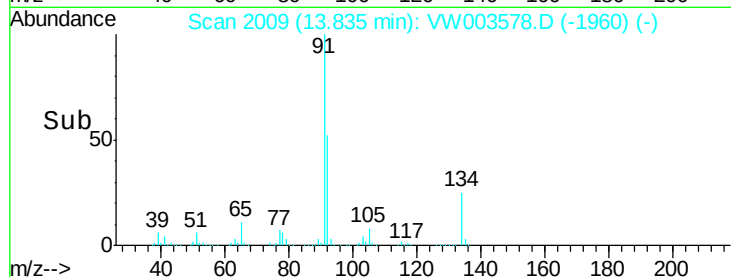
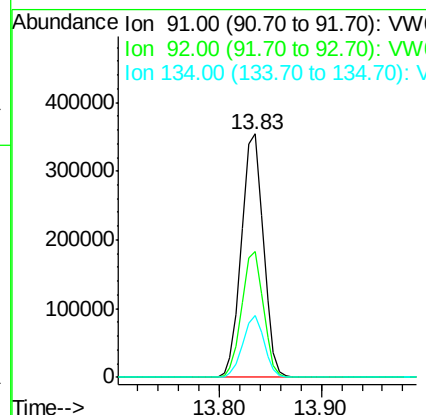
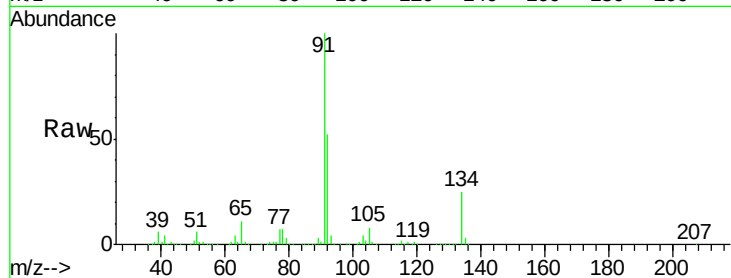
Tgt Ion: 91 Resp: 523010

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

134 24.8 12.7 38.0



#90

Hexachloroethane

Concen: 49.431 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003578.D

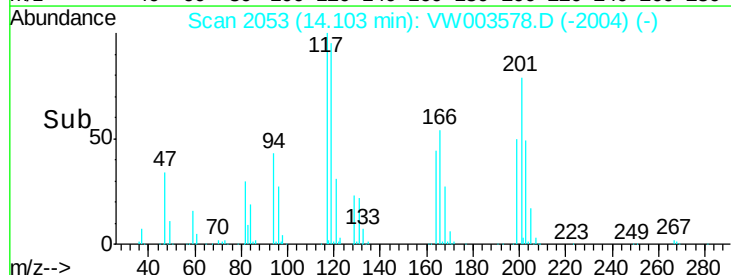
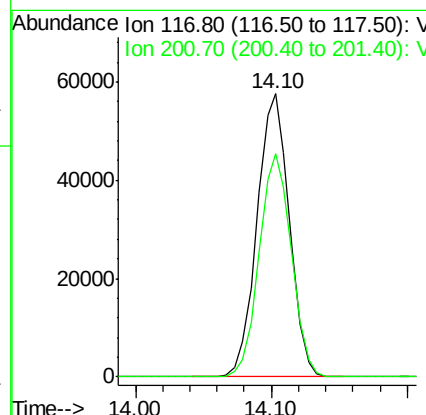
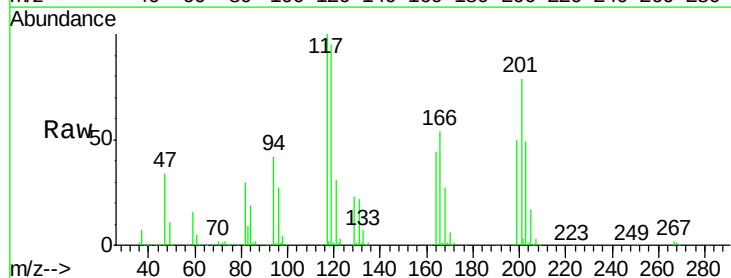
Acq: 26 Jun 2018 18:56

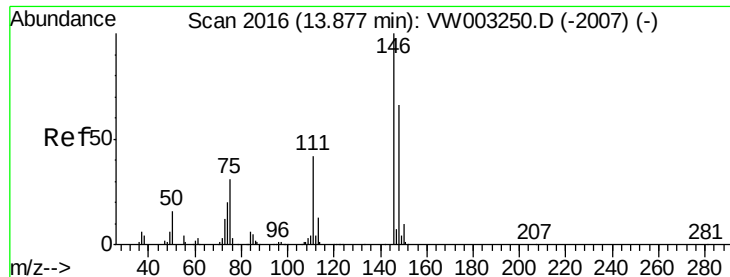
Tgt Ion: 117 Resp: 95822

Ion Ratio Lower Upper

117 100

201 78.4 39.5 118.5

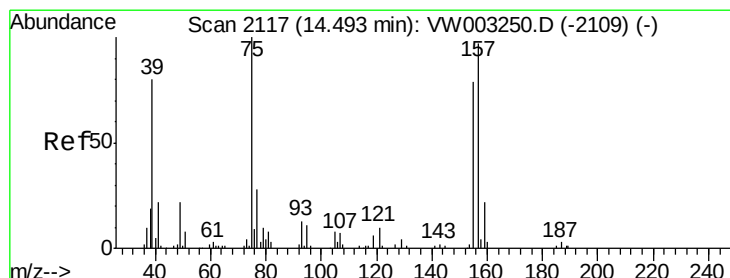
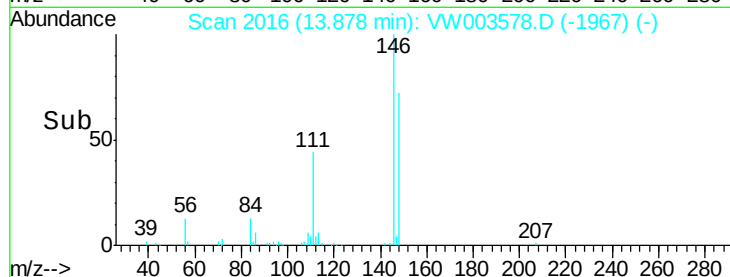
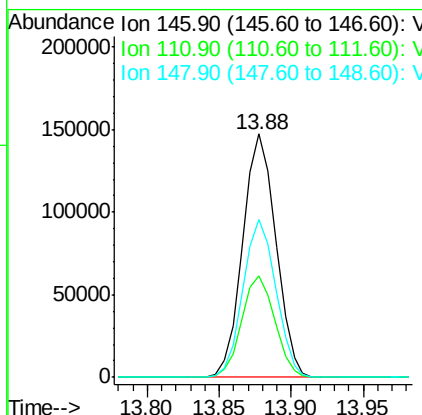
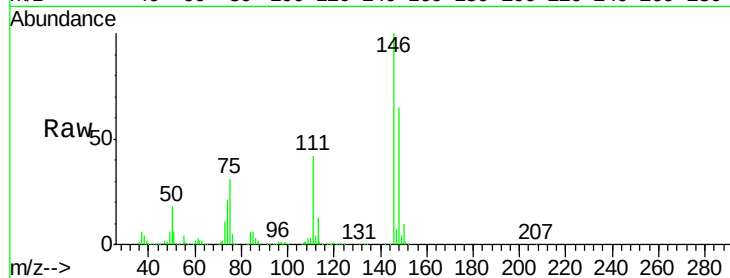




#91
 1,2-Dichlorobenzene
 Concen: 49.117 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

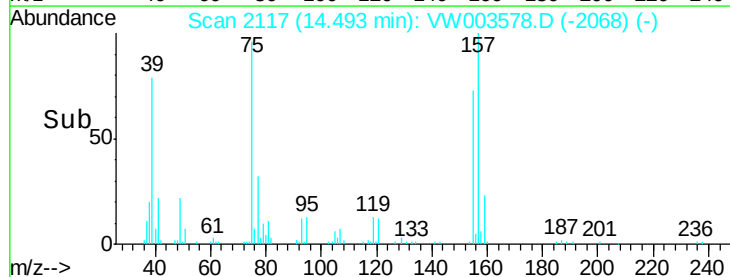
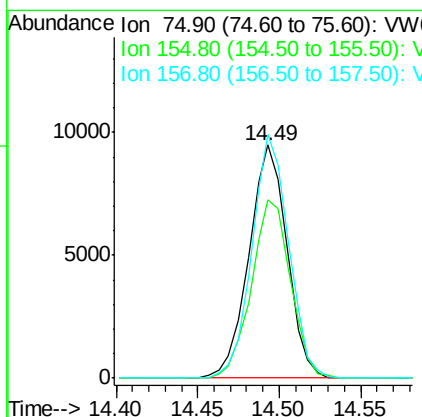
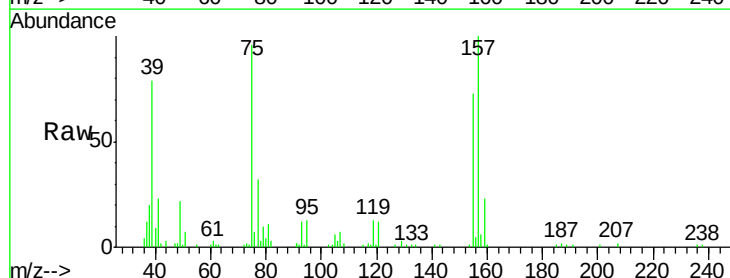
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

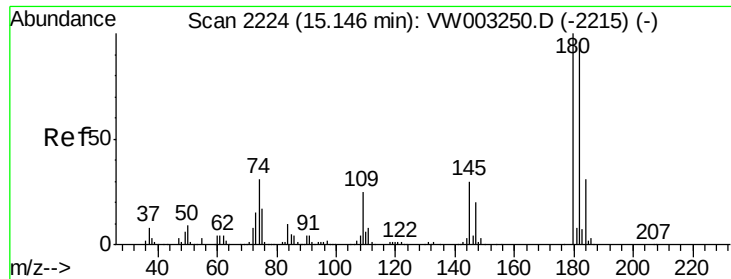
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	64.2	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.427 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	39.4	118.2
157	100.5	51.5	154.5

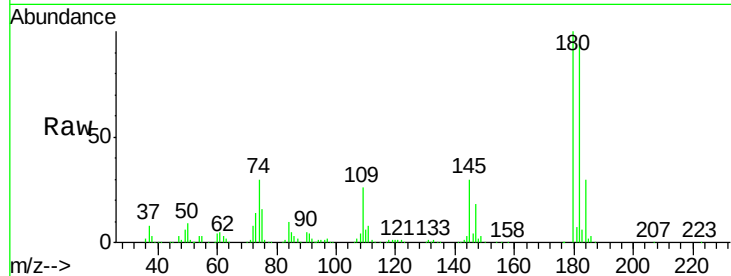




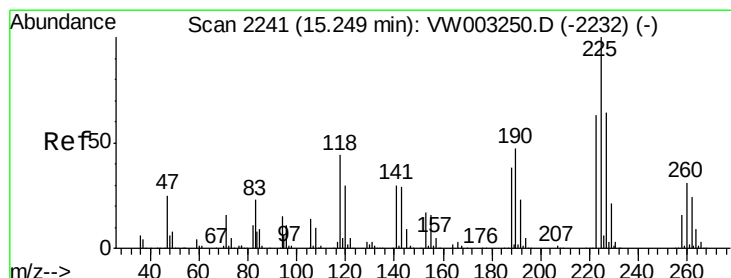
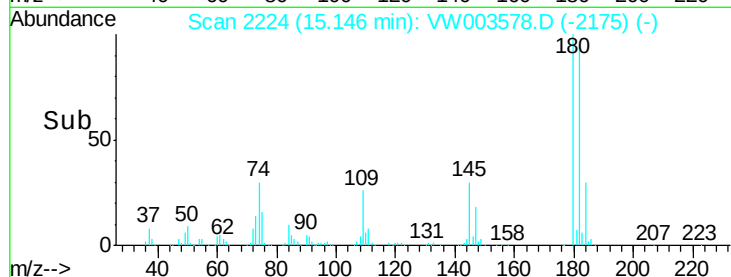
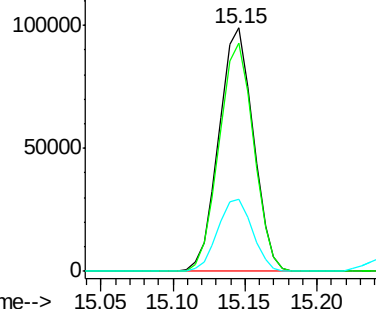
#93
 1,2,4-Trichlorobenzene
 Concen: 48.746 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 163874
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.9 143.6
 145 30.0 15.2 45.5

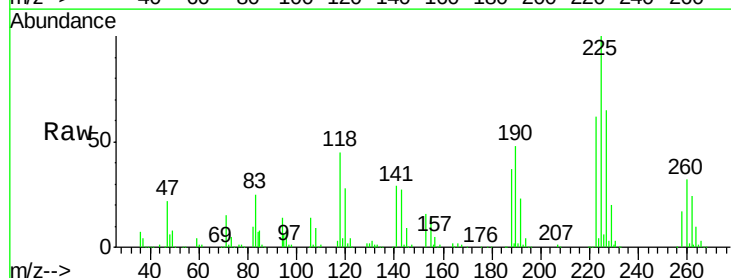


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

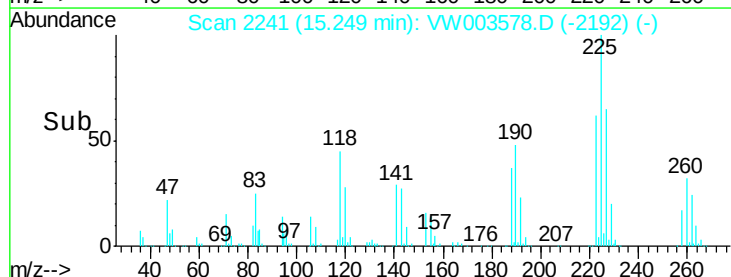
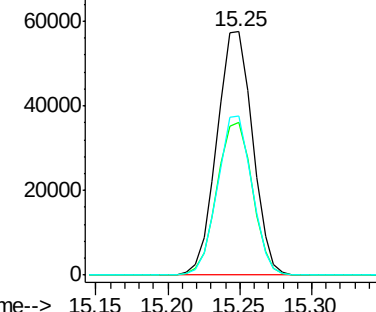


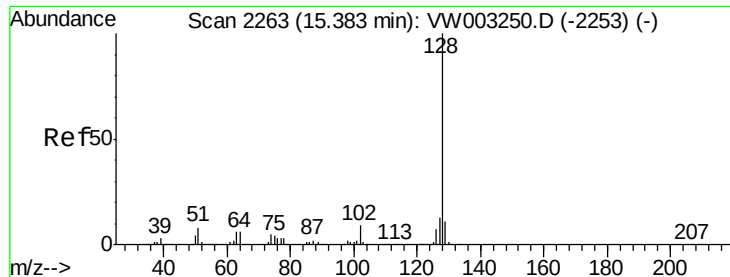
#94
 Hexachlorobutadiene
 Concen: 48.611 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion:225 Resp: 98301
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.6 92.0
 227 63.5 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

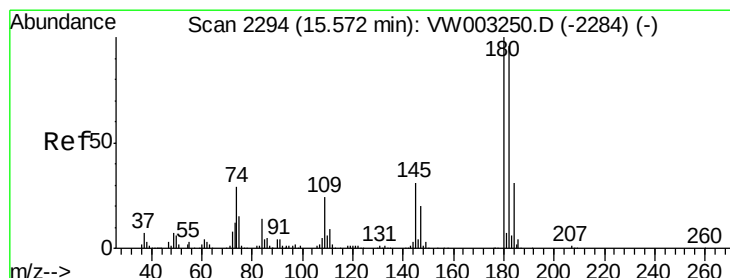
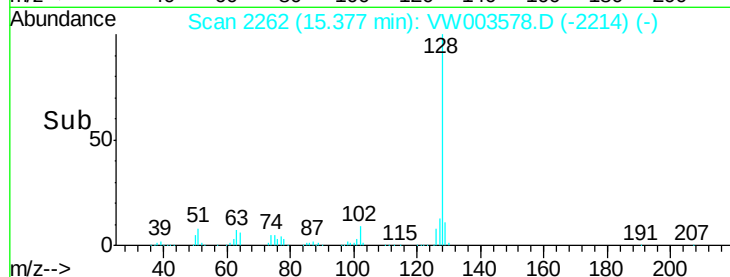
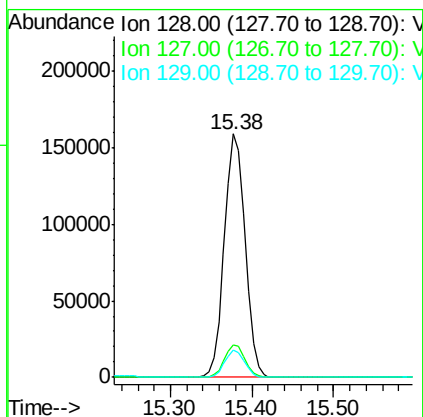
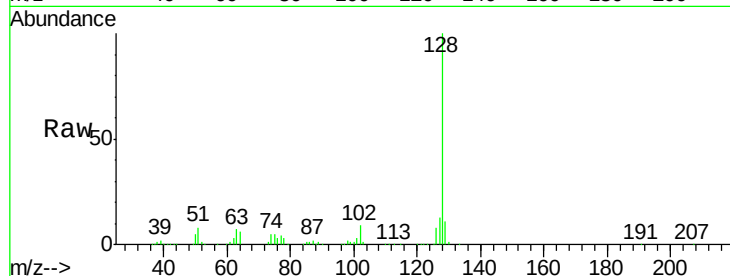




#95
Naphthalene
Concen: 49.068 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 279812
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.768 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion:180 Resp: 144308
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 31.4 15.8 47.4

