

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003452.D
 Acq On : 23 Jun 2018 11:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 02:29:43 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	287682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	430041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153055	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	140055	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.33	98	574783	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.63	95	197404	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	82865	95.277	ug/l	90
3) Chloromethane	2.21	50	114869	52.273	ug/l	97
4) Vinyl Chloride	2.36	62	147729	46.115	ug/l	98
5) Bromomethane	2.78	94	91955	43.188	ug/l	97
6) Chloroethane	2.93	64	100010	44.850	ug/l	100
7) Trichlorofluoromethane	3.26	101	124001	64.613	ug/l	97
8) Diethyl Ether	3.68	74	60387	42.834	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	131710	49.424	ug/l	100
10) Methyl Iodide	4.26	142	194956	48.373	ug/l	100
11) Tert butyl alcohol	5.26	59	30618	183.214	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	125684	48.262	ug/l	96
13) Acrolein	3.90	56	46495	194.596	ug/l	99
14) Allyl chloride	4.66	41	215044	47.671	ug/l	99
15) Acrylonitrile	5.39	53	124479	214.605	ug/l	99
16) Acetone	4.15	43	167527	256.343	ug/l	100
17) Carbon Disulfide	4.37	76	377040	48.972	ug/l	98
18) Methyl Acetate	4.68	43	67097	43.278	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	219792	45.061	ug/l	99
20) Methylene Chloride	4.91	84	131984	47.347	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	136662	48.218	ug/l	99
22) Diisopropyl ether	6.31	45	437102	48.146	ug/l	97
23) Vinyl Acetate	6.26	43	1191922	227.824	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260429	48.320	ug/l	97
25) 2-Butanone	7.18	43	186288	229.237	ug/l	96
26) 2,2-Dichloropropane	7.17	77	178729	49.689	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148052	47.552	ug/l	98
28) Bromochloromethane	7.51	49	118401	52.791	ug/l	96
29) Tetrahydrofuran	7.54	42	102562	206.504	ug/l	99
30) Chloroform	7.68	83	265304	48.317	ug/l	98
31) Cyclohexane	7.96	56	238423	47.351	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	224934	49.629	ug/l	100
36) 1,1-Dichloropropene	8.09	75	215618	51.918	ug/l	100
37) Ethyl Acetate	7.26	43	74427	43.258	ug/l	99
38) Carbon Tetrachloride	8.07	117	213725	52.464	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254344	52.929	ug/l	96
40) Benzene	8.33	78	581550	50.801	ug/l	100
41) Methacrylonitrile	7.49	41	46886	44.408	ug/l	99
42) 1,2-Dichloroethane	8.40	62	171928	47.936	ug/l	99
43) Isopropyl Acetate	8.43	43	147550	43.190	ug/l	97
44) Trichloroethene	9.09	130	151108	49.815	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146531	50.272	ug/l	99
46) Dibromomethane	9.46	93	70939	47.537	ug/l	99
47) Bromodichloromethane	9.65	83	192179	50.241	ug/l	99
48) Methyl methacrylate	9.44	41	72214	44.979	ug/l	97
49) 1,4-Dioxane	9.50	88	17909	794.831	ug/l	81
51) 4-Methyl-2-Pentanone	10.21	43	387737	222.735	ug/l	99
52) Toluene	10.39	92	373214	50.840	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	190228	48.684	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	221042	49.703	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	99233	47.190	ug/l	100
56) Ethyl methacrylate	10.65	69	117830	46.144	ug/l	98
57) 1,3-Dichloropropane	10.94	76	173263	47.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	259439	226.644	ug/l	99
59) 2-Hexanone	10.98	43	297645	244.754	ug/l	99
60) Dibromochloromethane	11.13	129	123023	49.195	ug/l	98
61) 1,2-Dibromoethane	11.24	107	93389	46.950	ug/l	99
64) Tetrachloroethene	10.87	164	130389	49.180	ug/l	99
65) Chlorobenzene	11.66	112	407768	49.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	143358	49.420	ug/l	99
67) Ethyl Benzene	11.74	91	753806	51.517	ug/l	99
68) m/p-Xylenes	11.85	106	571168	102.687	ug/l	99
69) o-Xylene	12.17	106	264892	51.386	ug/l	99
70) Styrene	12.19	104	441087	51.407	ug/l	100
71) Bromoform	12.35	173	69144	45.992	ug/l #	98
73) Isopropylbenzene	12.47	105	754824	51.918	ug/l	99
74) N-amyl acetate	12.28	43	146652	44.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	112812	45.865	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	156469	87.562	ug/l #	100
77) Bromobenzene	12.76	156	166117	49.061	ug/l	99
78) n-propylbenzene	12.81	91	939654	52.782	ug/l	100
79) 2-Chlorotoluene	12.90	91	516471	51.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	640640	52.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34916	44.961	ug/l	98
82) 4-Chlorotoluene	13.00	91	542647	50.845	ug/l	100
83) tert-Butylbenzene	13.21	119	544226	52.329	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	650484	51.818	ug/l	100
85) sec-Butylbenzene	13.39	105	817877	52.907	ug/l	99
86) p-Isopropyltoluene	13.51	119	720474	52.842	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	345837	49.720	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	337651	48.829	ug/l	99
89) n-Butylbenzene	13.84	91	710910	53.491	ug/l	100
90) Hexachloroethane	14.10	117	126509	51.292	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	299534	49.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18510	44.718	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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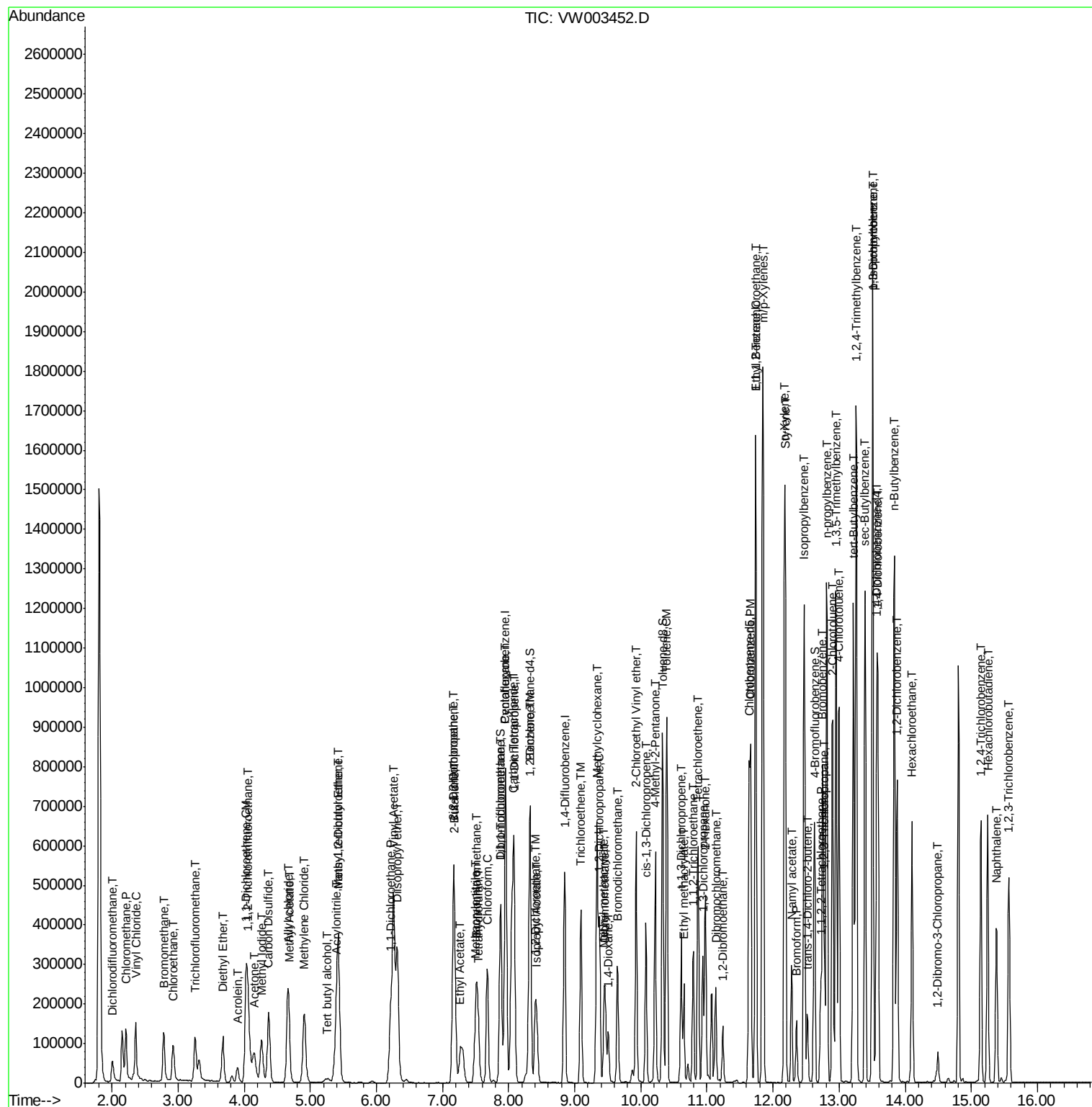
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	207734	48.566	ug/l	100
94) Hexachlorobutadiene	15.25	225	129074	50.166	ug/l	98
95) Naphthalene	15.38	128	332149	45.778	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	177636	47.181	ug/l	99

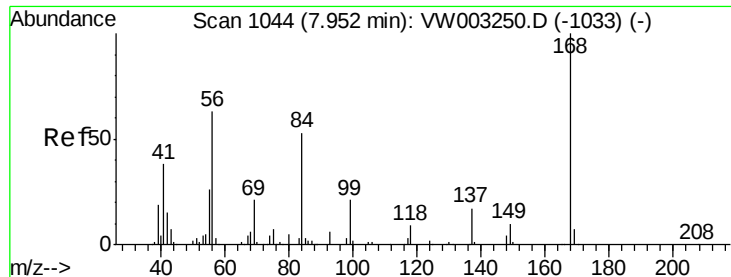
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

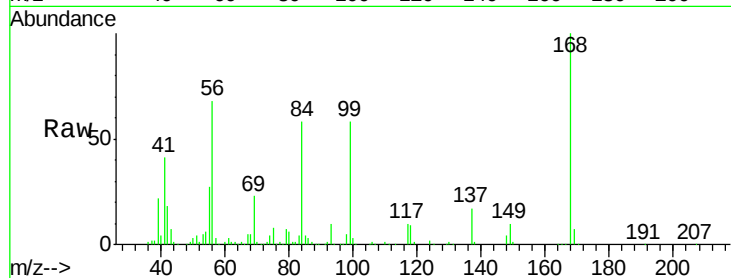
VSTDCCC050

Tgt Ion:168 Resp: 287682

Ion Ratio Lower Upper

168 100

99 57.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

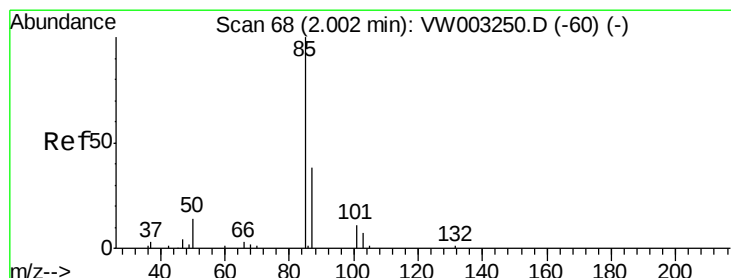
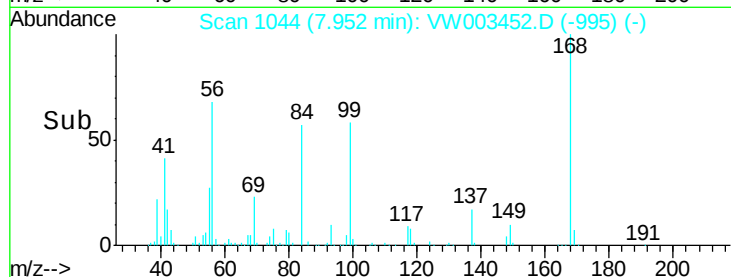
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 95.277 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003452.D

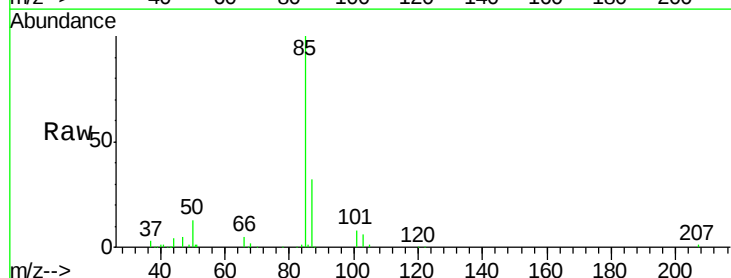
Acq: 23 Jun 2018 11:12

Tgt Ion: 85 Resp: 82865

Ion Ratio Lower Upper

85 100

87 31.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

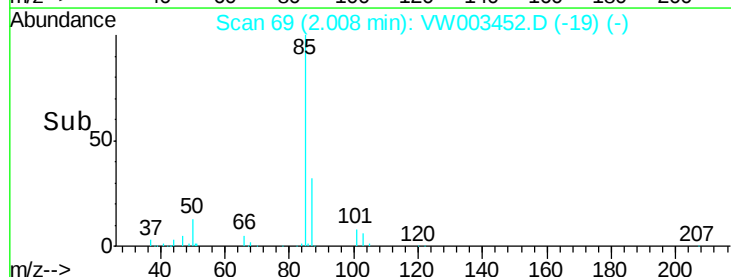
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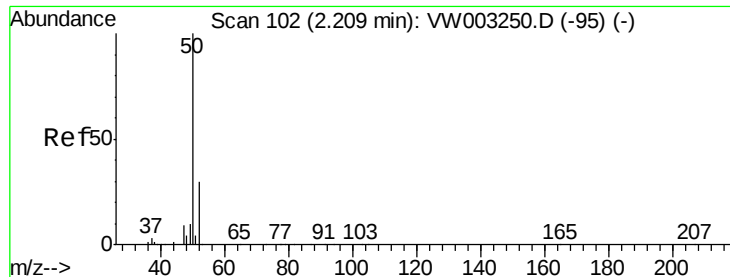
20000

10000

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Time-->





#3

Chloromethane

Concen: 52.273 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

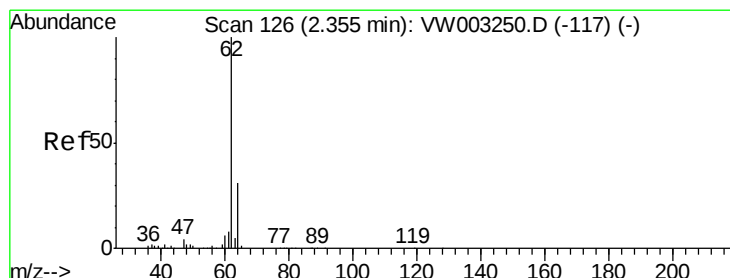
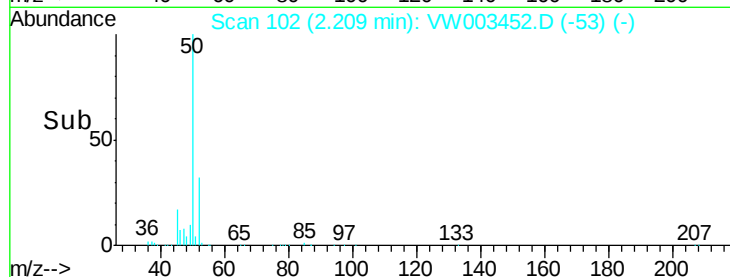
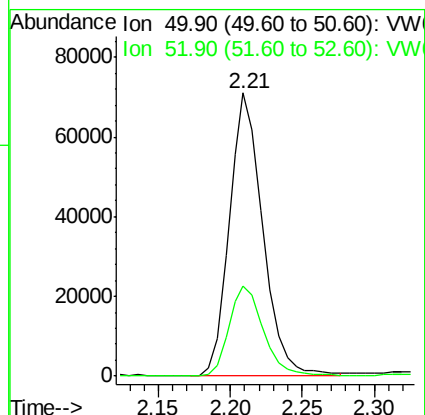
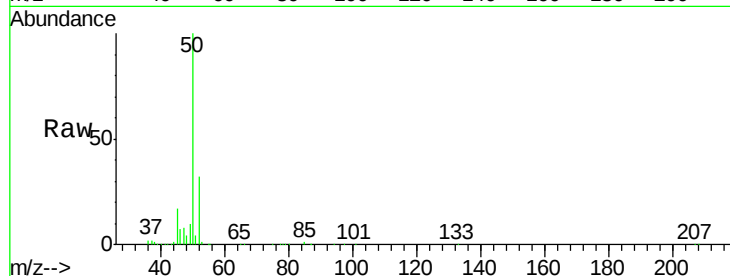
VSTDCCC050

Tgt Ion: 50 Resp: 114869

Ion Ratio Lower Upper

50 100

52 31.9 24.2 36.2



#4

Vinyl Chloride

Concen: 46.115 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003452.D

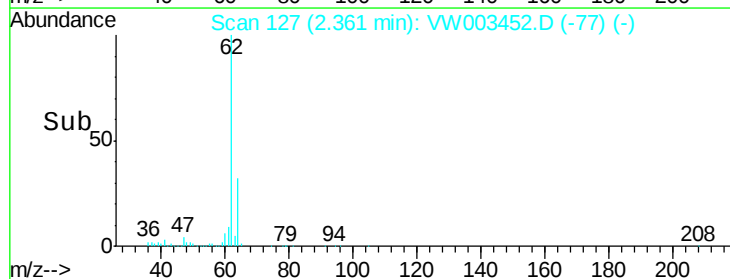
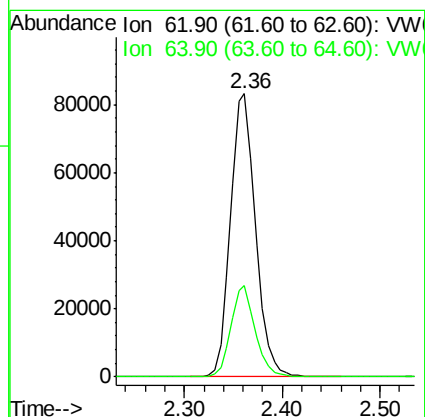
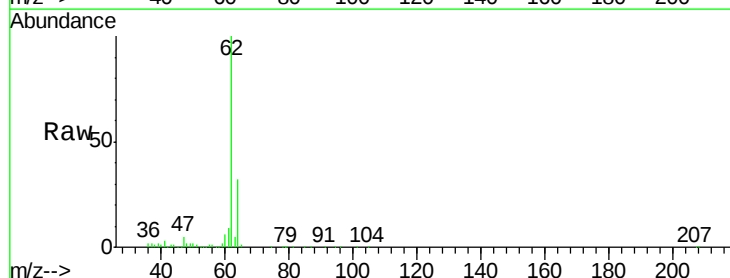
Acq: 23 Jun 2018 11:12

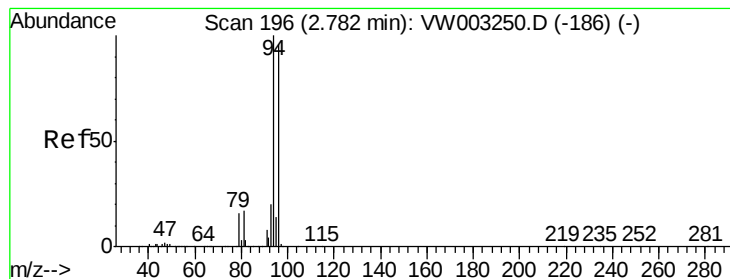
Tgt Ion: 62 Resp: 147729

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 43.188 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

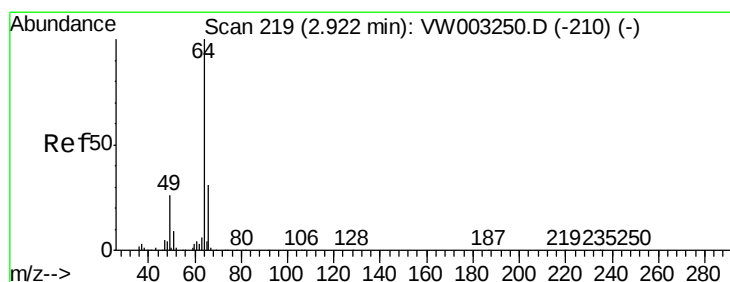
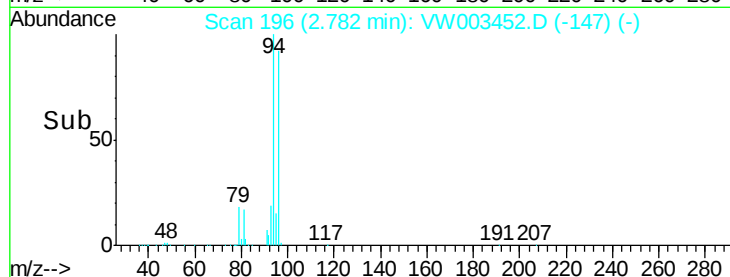
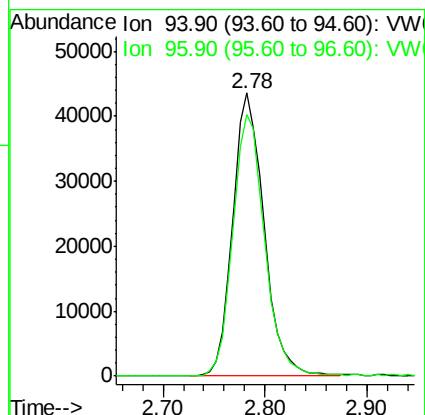
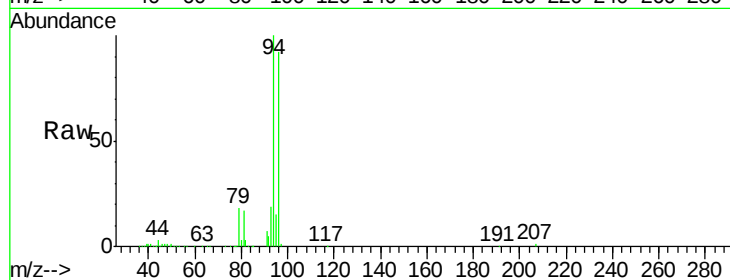
VSTDCCC050

Tgt Ion: 94 Resp: 91955

Ion Ratio Lower Upper

94 100

96 92.3 76.5 114.7



#6

Chloroethane

Concen: 44.850 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003452.D

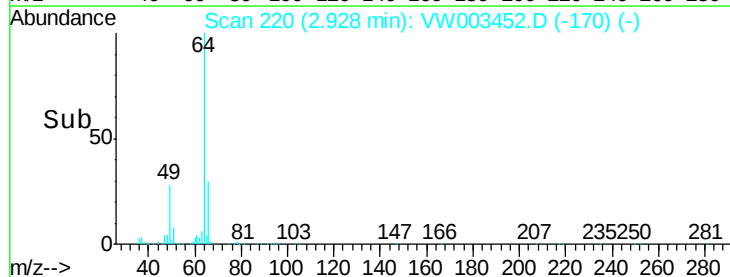
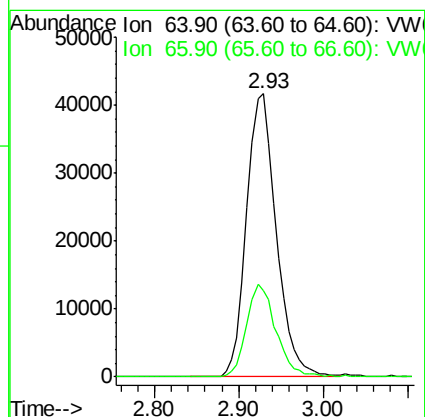
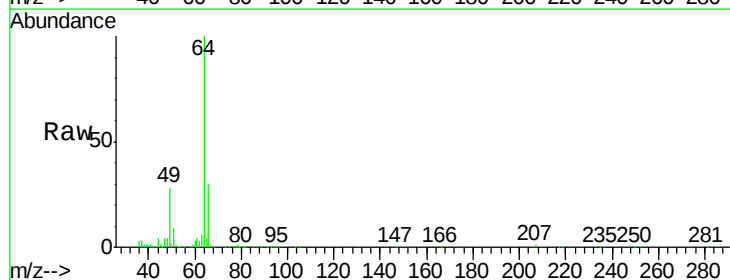
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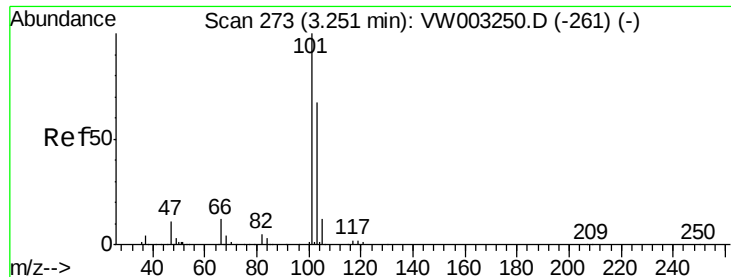
Tgt Ion: 64 Resp: 100010

Ion Ratio Lower Upper

64 100

66 30.3 24.4 36.6



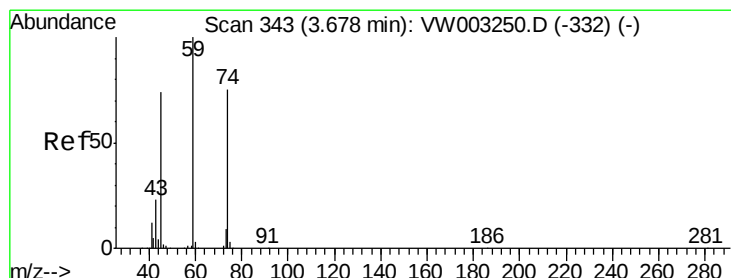
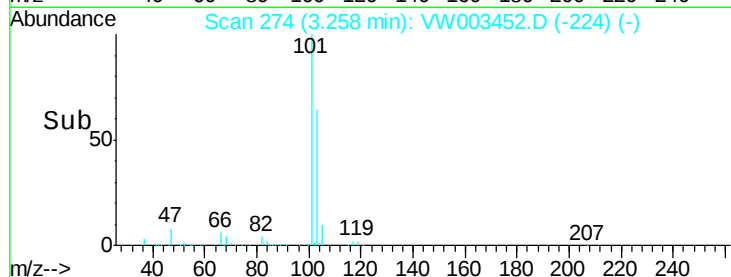
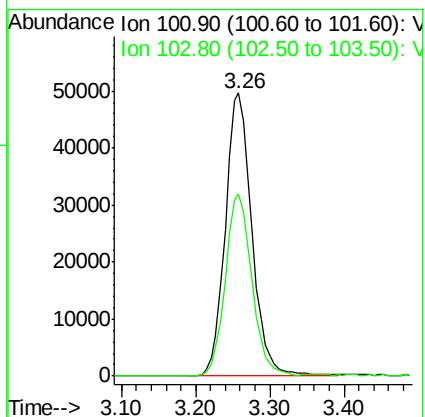
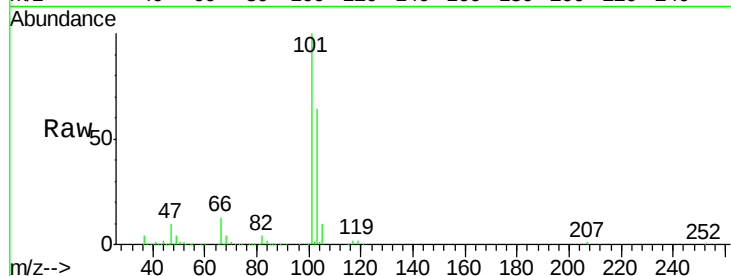


#7

Trichlorofluoromethane
Concen: 64.613 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
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VSTDCCC050

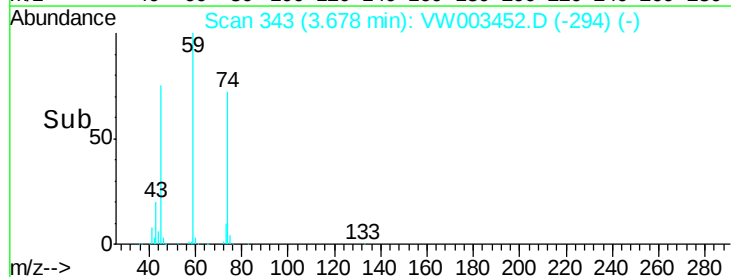
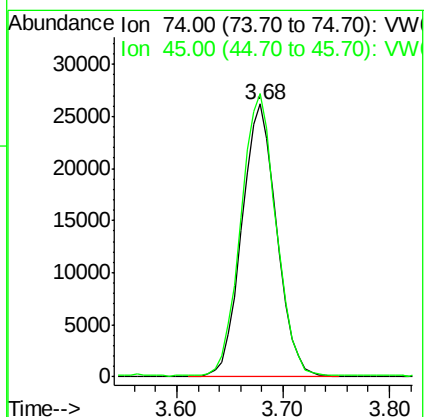
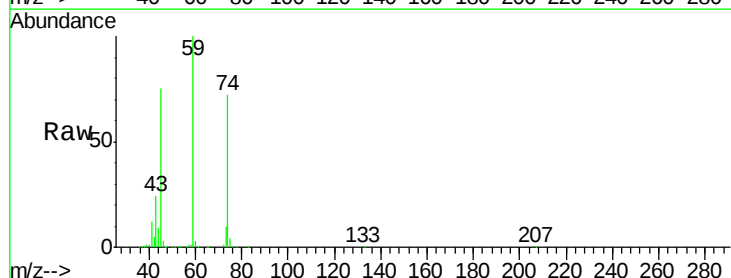
Tgt Ion:101 Resp: 124001
Ion Ratio Lower Upper
101 100
103 64.4 53.4 80.0

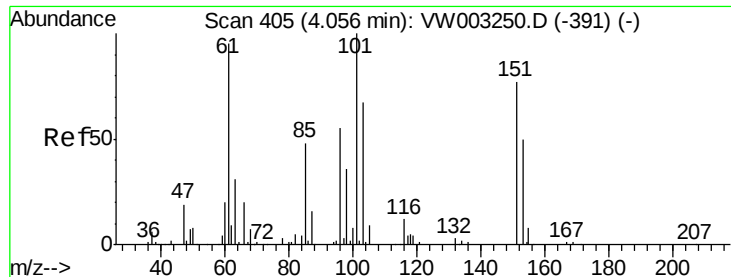


#8

Diethyl Ether
Concen: 42.834 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 74 Resp: 60387
Ion Ratio Lower Upper
74 100
45 104.2 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.424 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

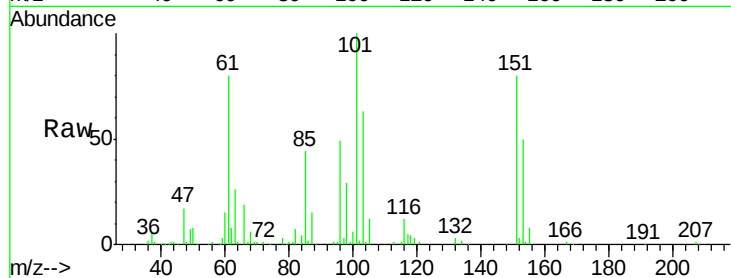
Tgt Ion:101 Resp: 131710

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

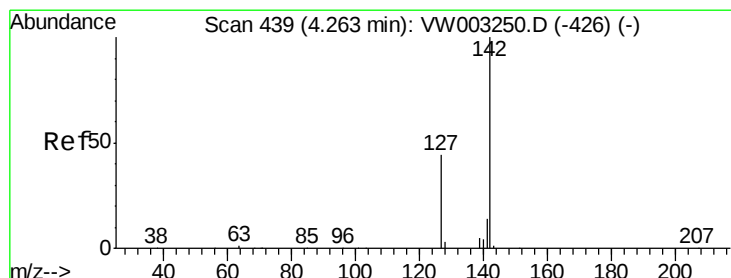
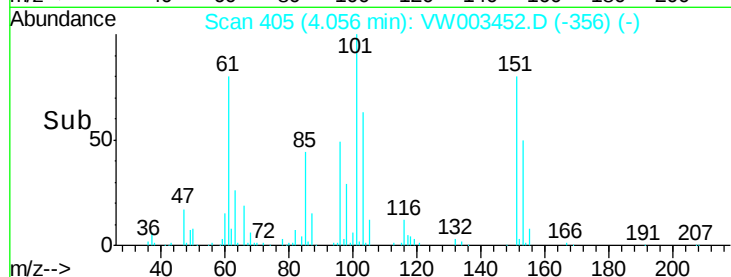
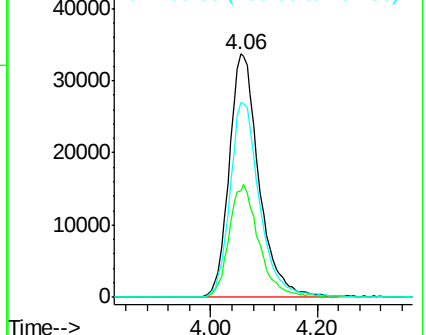
151 79.2 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.373 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

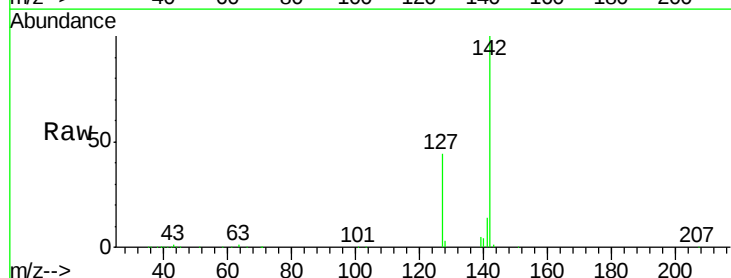
Tgt Ion:142 Resp: 194956

Ion Ratio Lower Upper

142 100

127 45.7 36.5 54.7

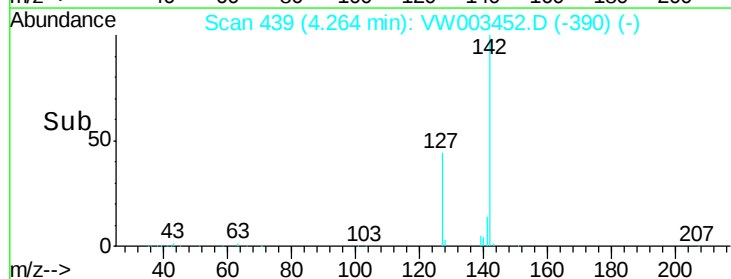
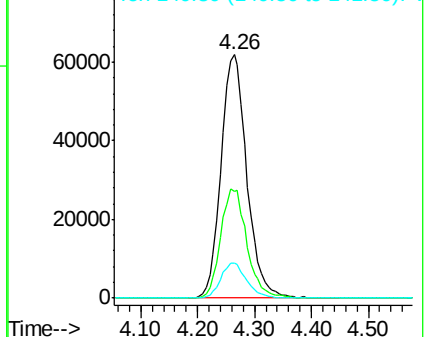
141 14.6 12.1 18.1

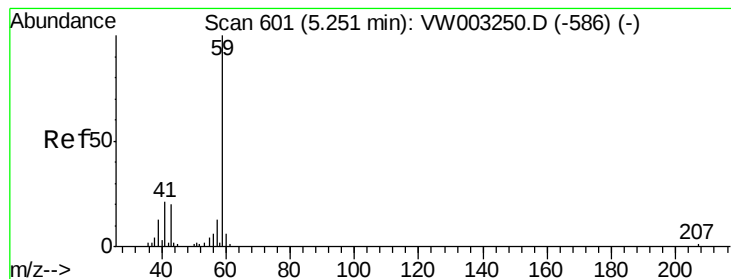


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 183.214 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

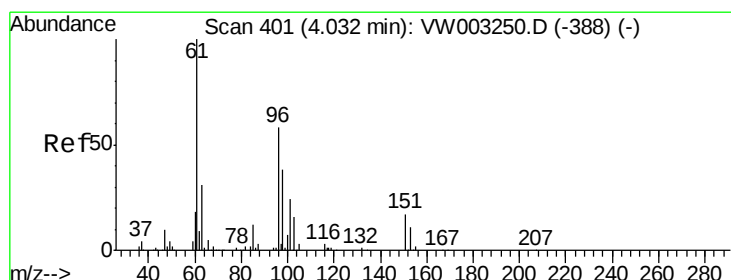
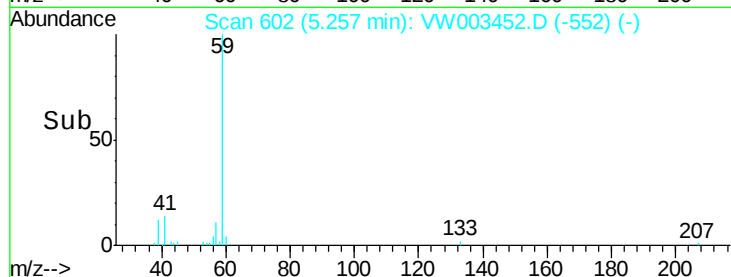
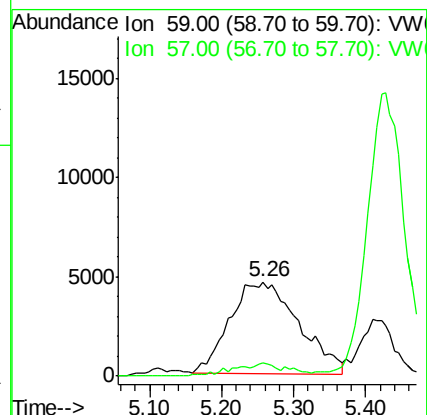
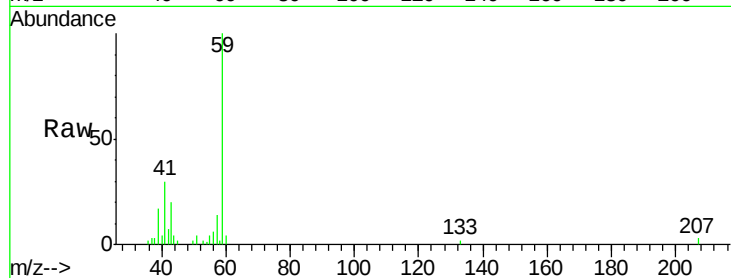
VSTDCCC050

Tgt Ion: 59 Resp: 30618

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



#12

1,1-Dichloroethene

Concen: 48.262 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

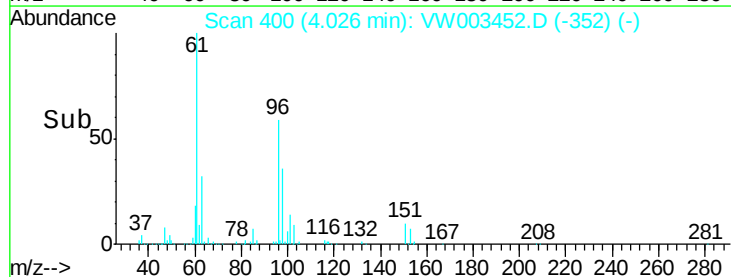
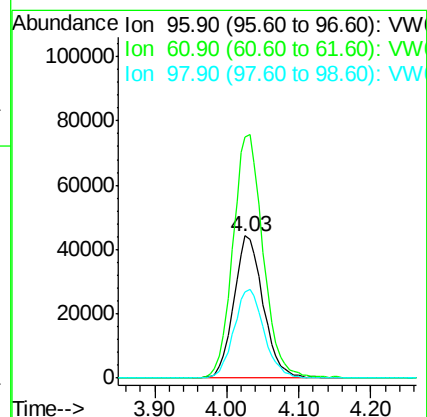
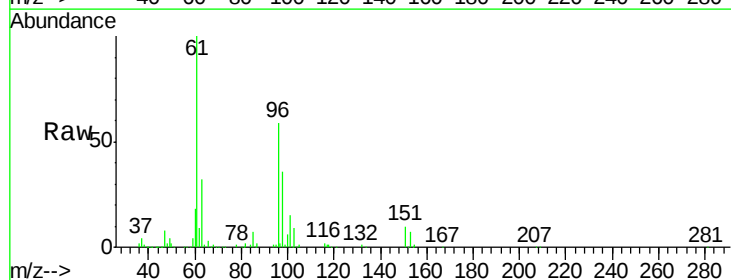
Tgt Ion: 96 Resp: 125684

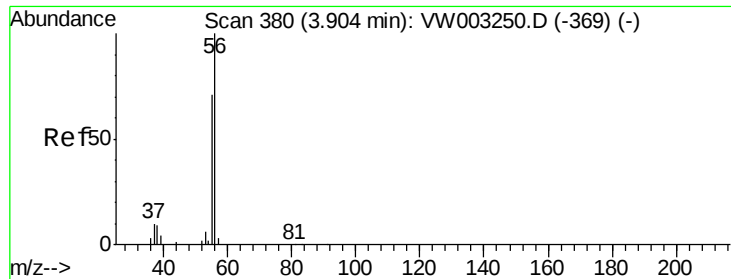
Ion Ratio Lower Upper

96 100

61 169.2 139.0 208.4

98 60.9 53.3 79.9





#13

Acrolein

Concen: 194.596 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

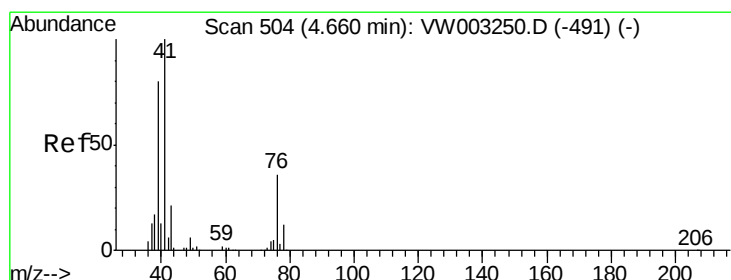
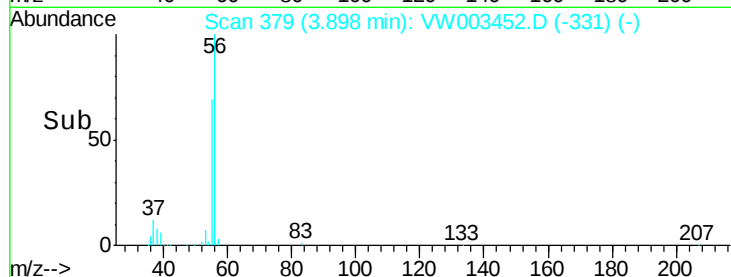
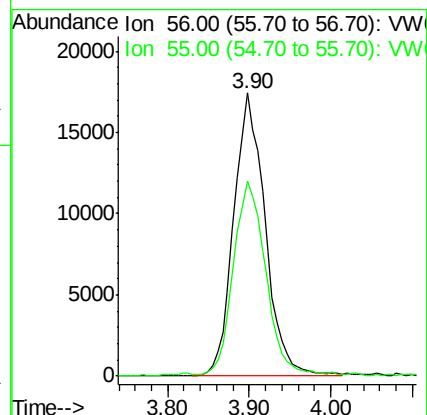
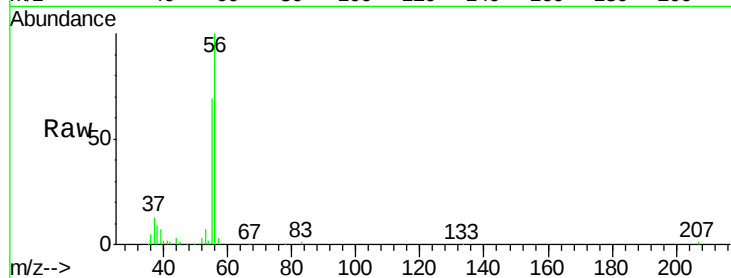
VSTDCCC050

Tgt Ion: 56 Resp: 46495

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.2



#14

Allyl chloride

Concen: 47.671 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

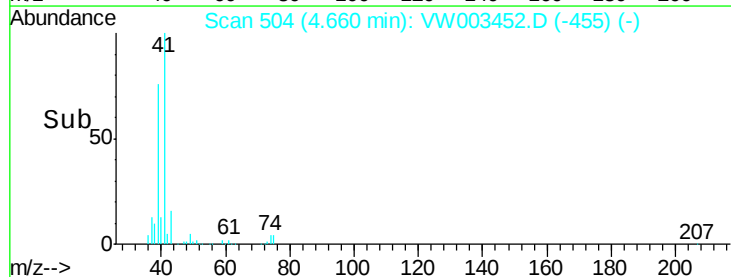
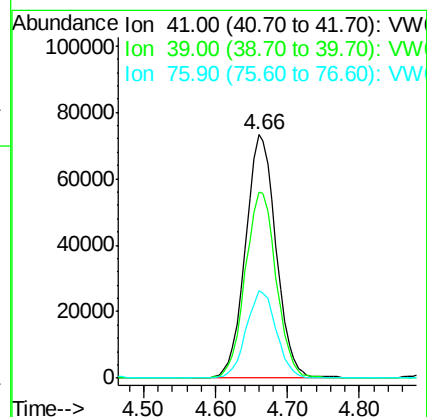
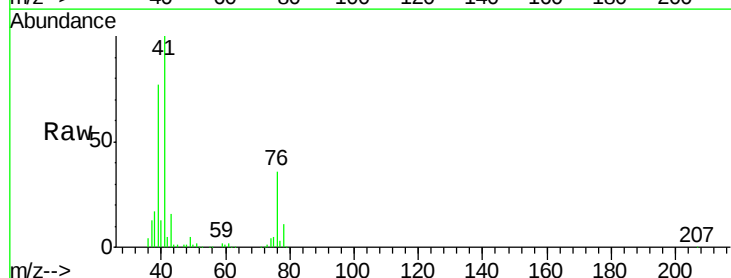
Tgt Ion: 41 Resp: 215044

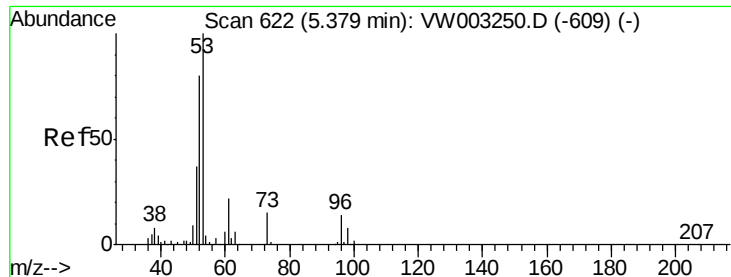
Ion Ratio Lower Upper

41 100

39 77.8 63.2 94.8

76 35.3 28.0 42.0





#15

Acrylonitrile

Concen: 214.605 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

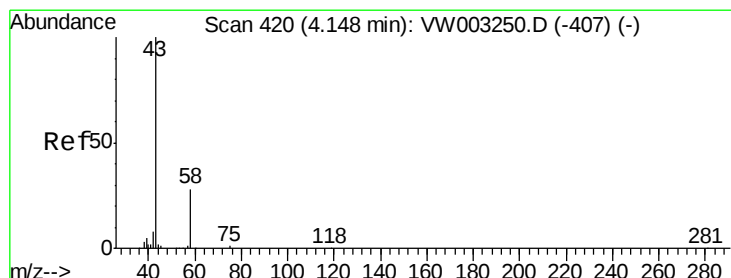
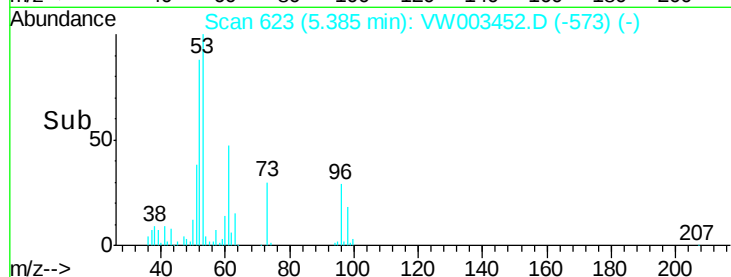
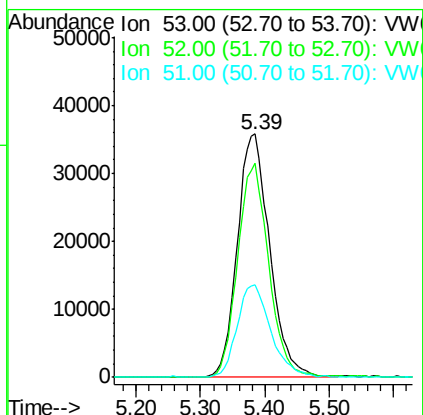
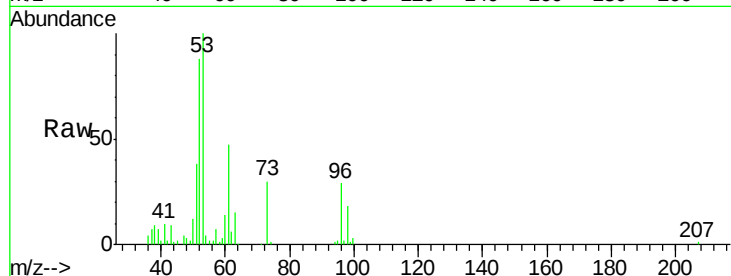
Tgt Ion: 53 Resp: 124479

Ion Ratio Lower Upper

53 100

52 84.2 66.6 100.0

51 39.5 30.6 46.0



#16

Acetone

Concen: 256.343 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003452.D

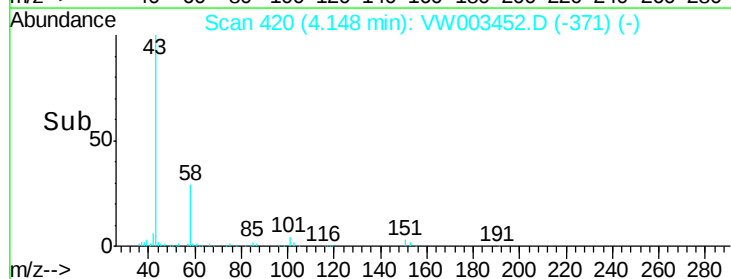
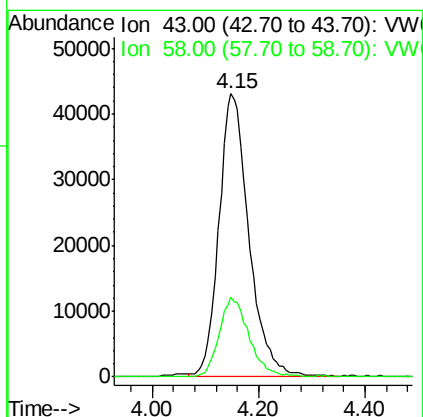
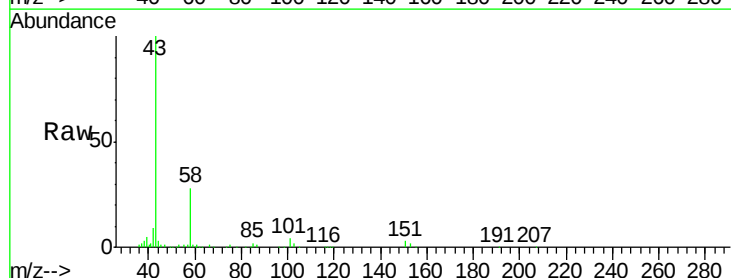
Acq: 23 Jun 2018 11:12

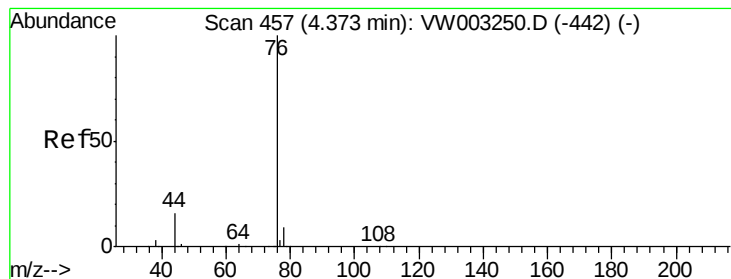
Tgt Ion: 43 Resp: 167527

Ion Ratio Lower Upper

43 100

58 28.4 22.6 34.0





#17

Carbon Disulfide

Concen: 48.972 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

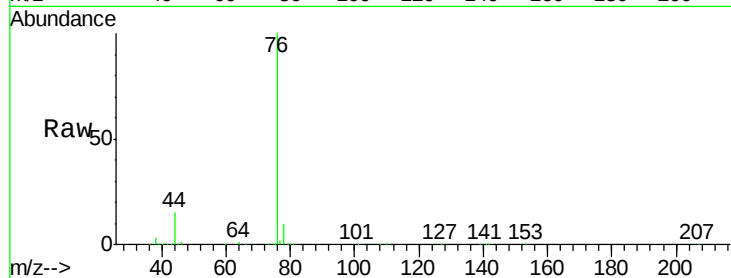
VSTDCCC050

Tgt Ion: 76 Resp: 377040

Ion Ratio Lower Upper

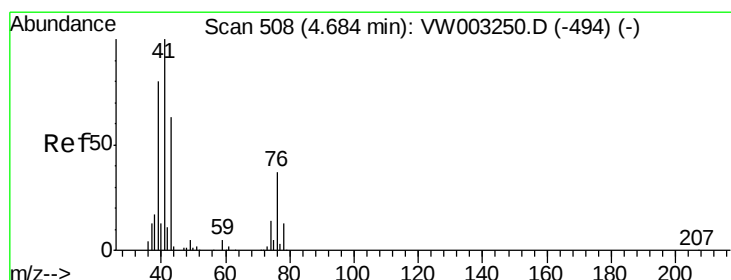
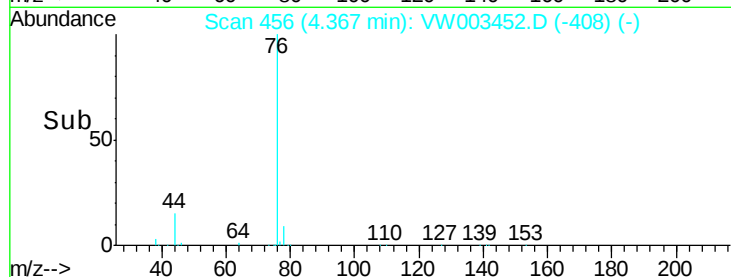
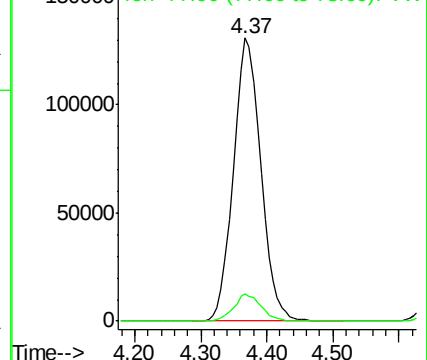
76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 43.278 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003452.D

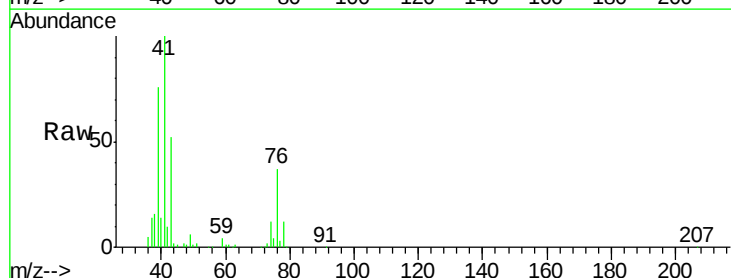
Acq: 23 Jun 2018 11:12

Tgt Ion: 43 Resp: 67097

Ion Ratio Lower Upper

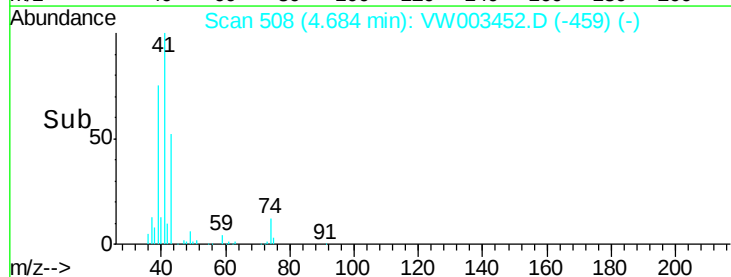
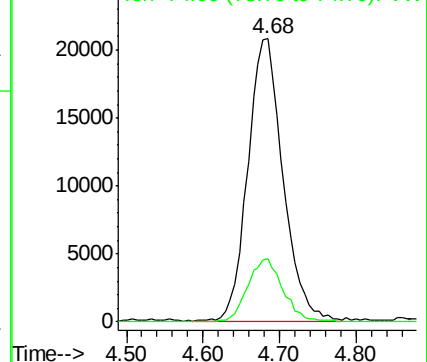
43 100

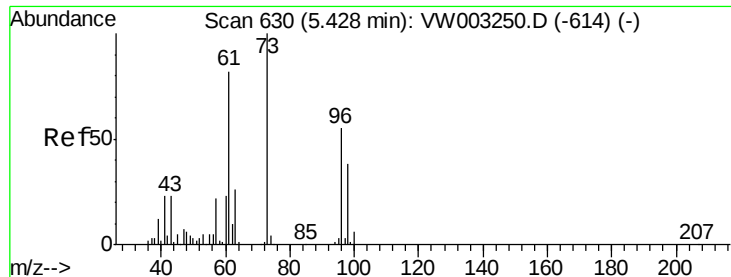
74 22.3 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

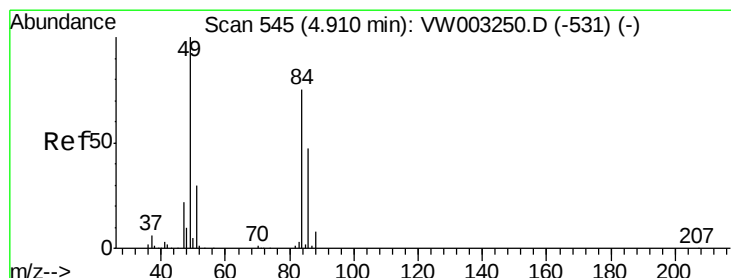
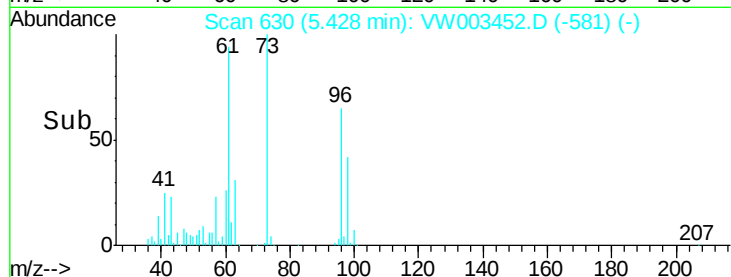
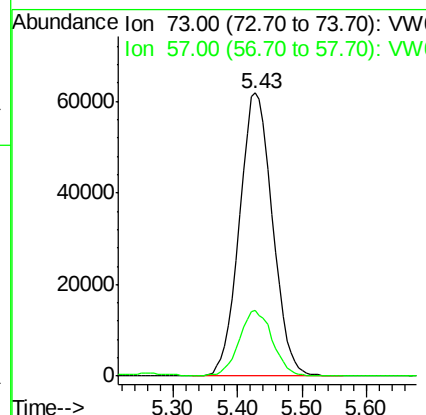
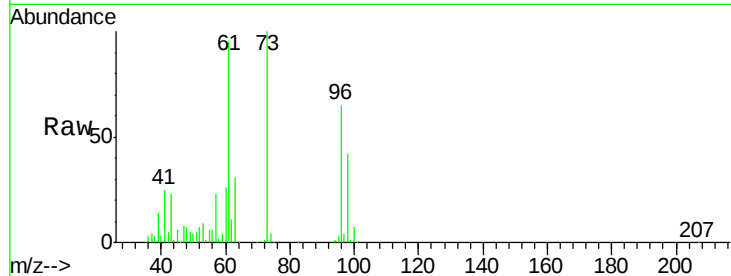




#19
Methyl tert-butyl Ether
Concen: 45.061 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

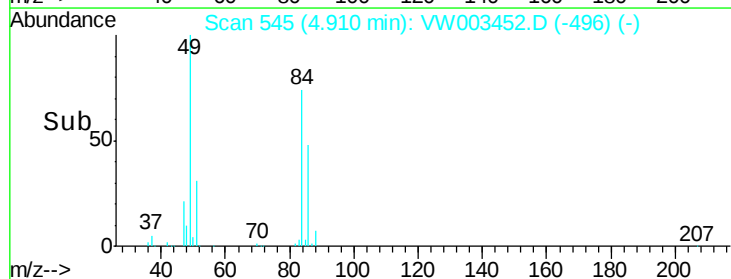
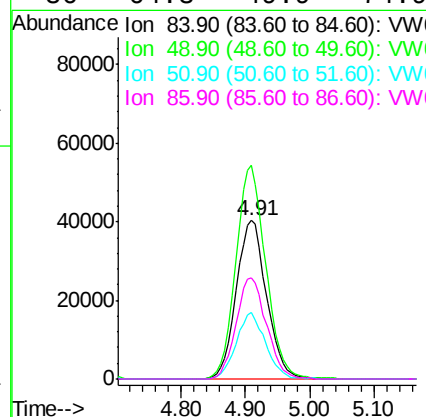
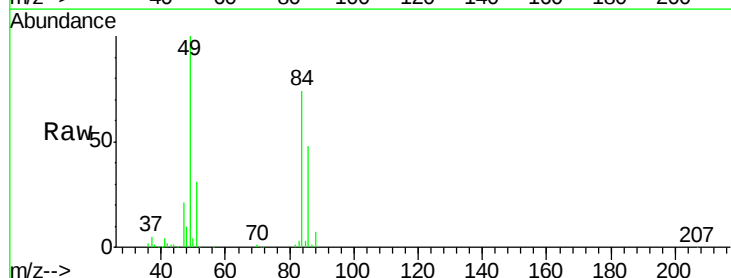
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

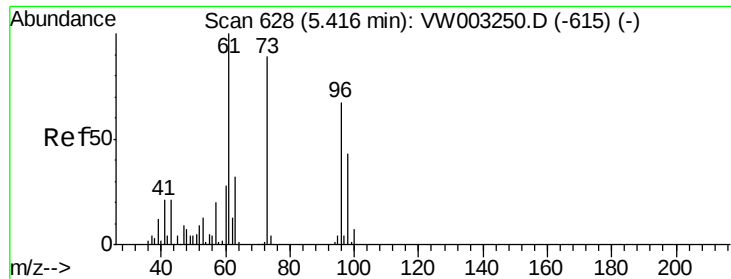
Tgt Ion: 73 Resp: 219792
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 47.347 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 84 Resp: 131984
Ion Ratio Lower Upper
84 100
49 135.0 106.3 159.5
51 42.2 32.0 48.0
86 64.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.218 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

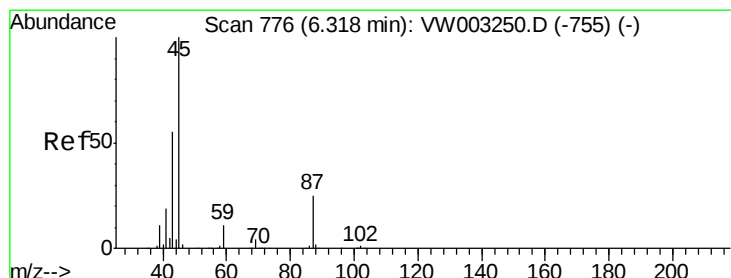
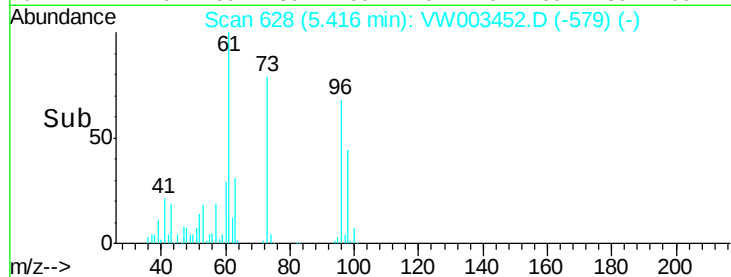
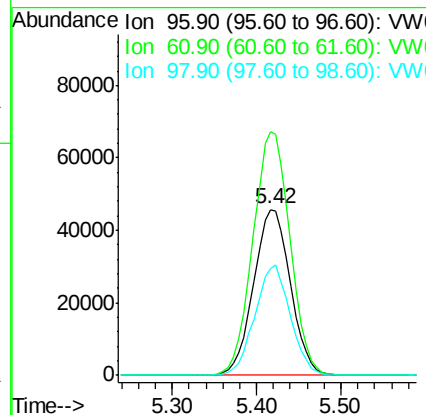
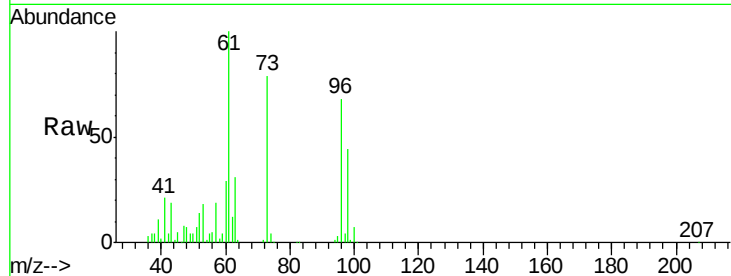
Tgt Ion: 96 Resp: 136662

Ion Ratio Lower Upper

96 100

61 146.8 118.7 178.1

98 64.6 51.0 76.6



#22

Diisopropyl ether

Concen: 48.146 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion: 45 Resp: 437102

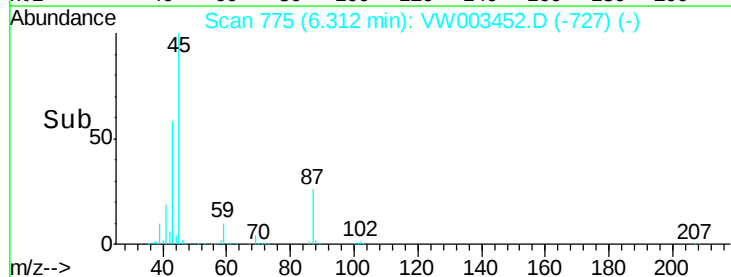
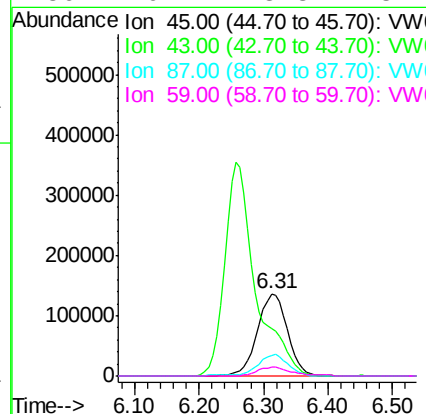
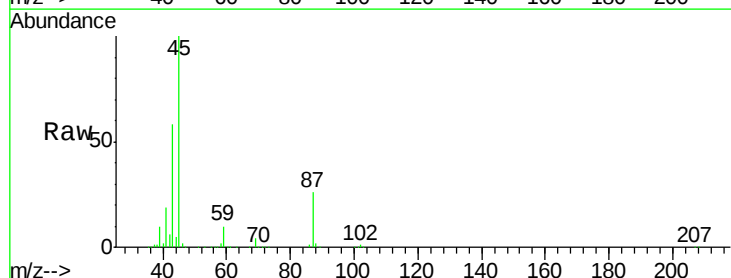
Ion Ratio Lower Upper

45 100

43 58.1 44.0 66.0

87 25.4 20.6 31.0

59 10.2 8.8 13.2

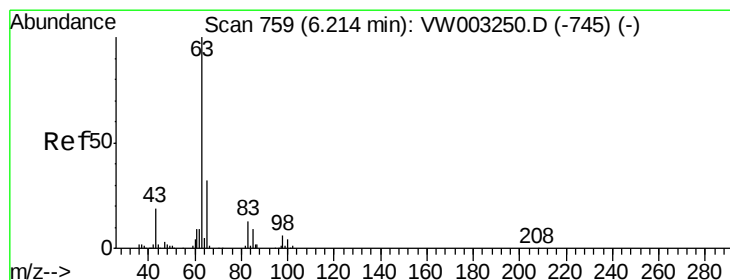
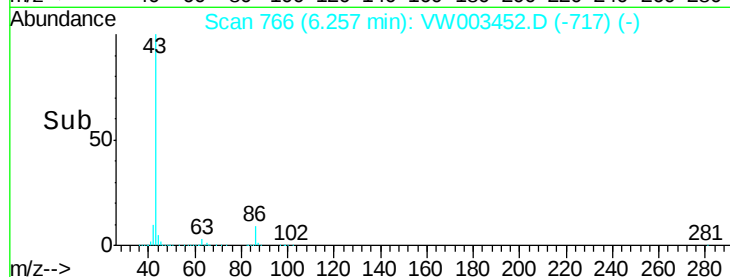
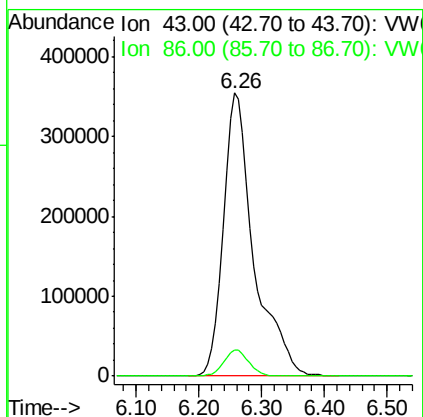
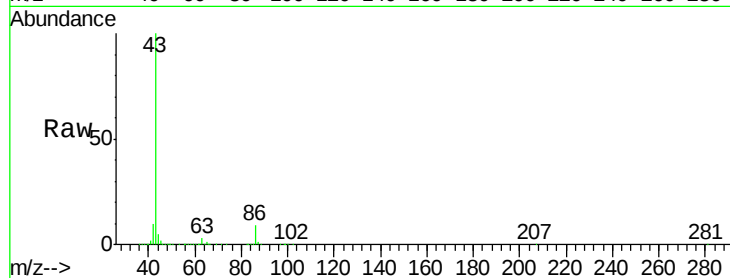




#23
 Vinyl Acetate
 Concen: 227.824 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

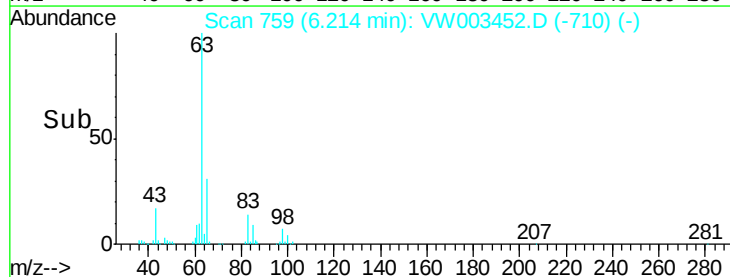
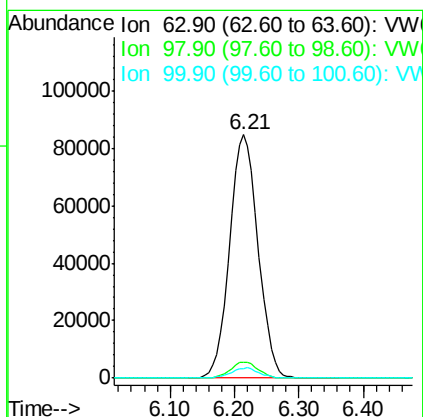
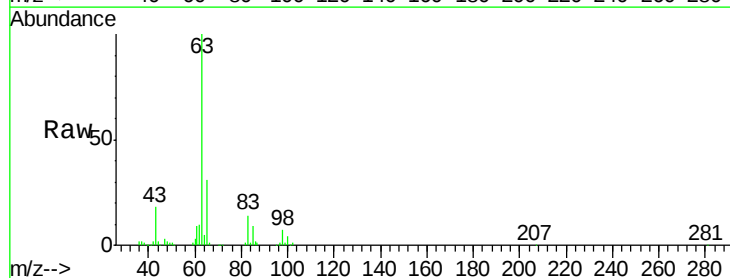
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

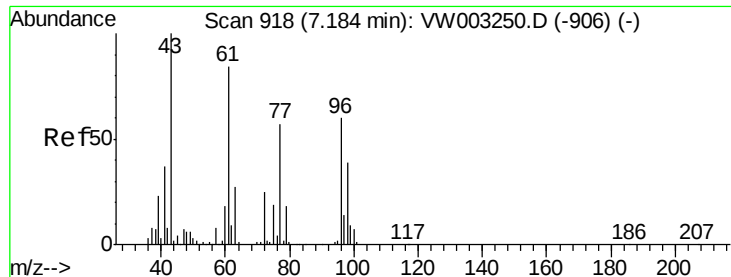
Tgt Ion: 43 Resp: 1191922
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.320 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 63 Resp: 260429
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.8 8.3
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 229.237 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

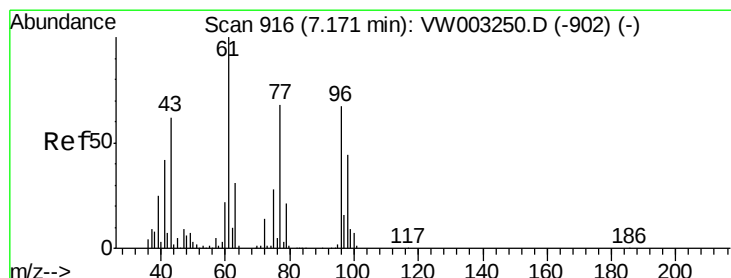
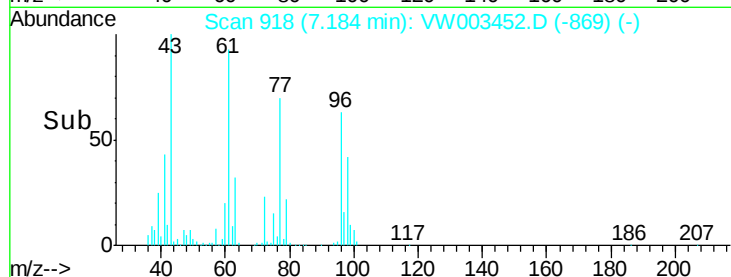
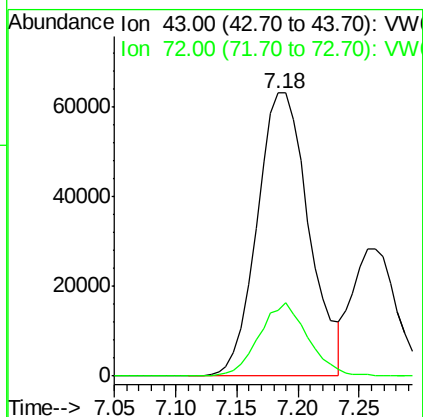
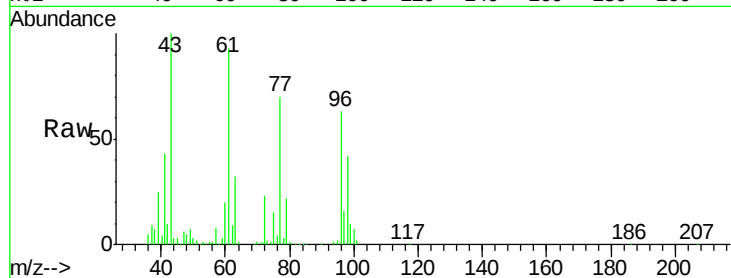
VSTDCCC050

Tgt Ion: 43 Resp: 186288

Ion Ratio Lower Upper

43 100

72 23.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 49.689 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003452.D

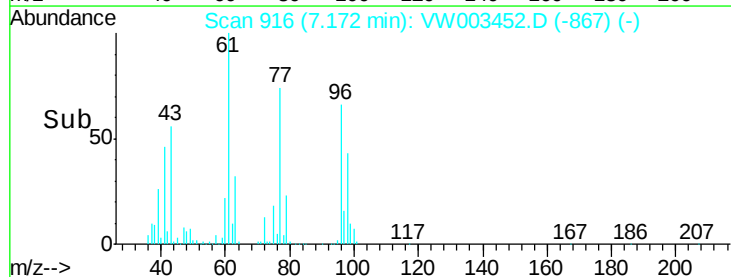
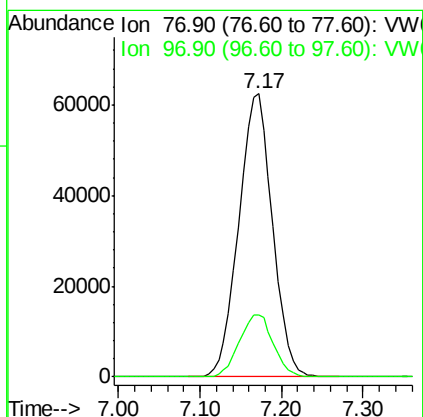
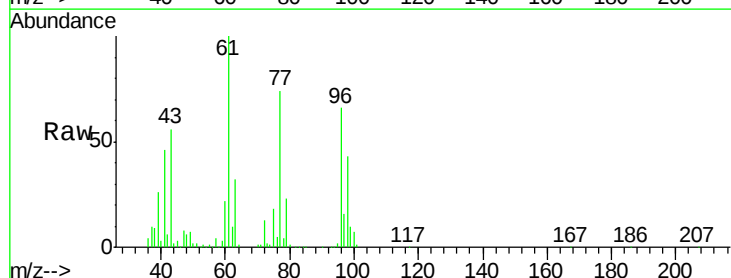
Acq: 23 Jun 2018 11:12

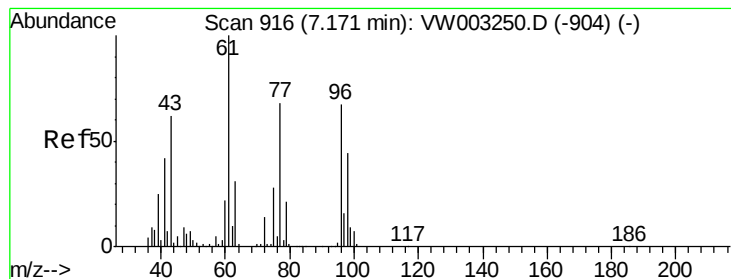
Tgt Ion: 77 Resp: 178729

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9



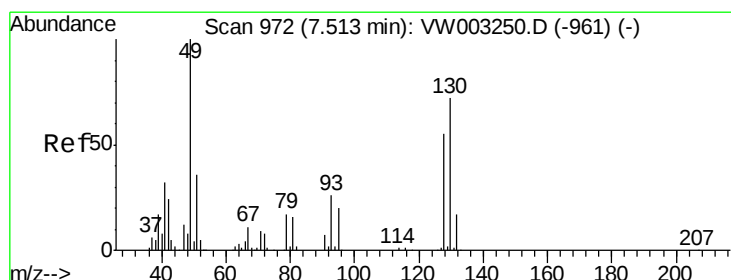
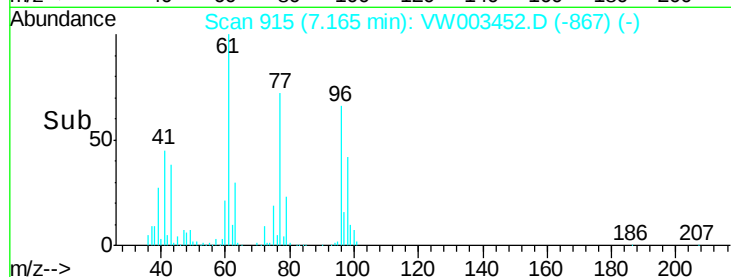
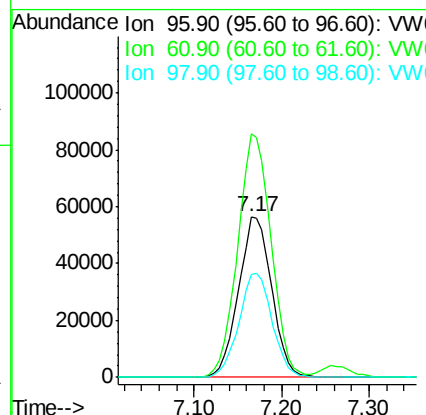
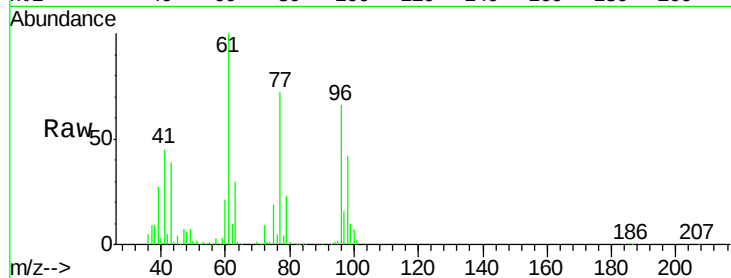


#27

cis-1,2-Dichloroethene
Concen: 47.552 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

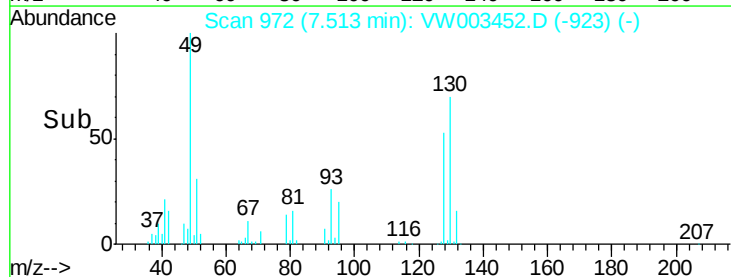
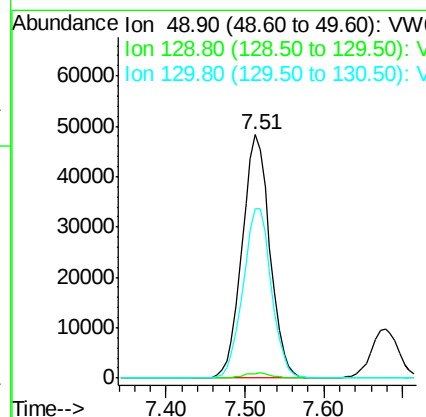
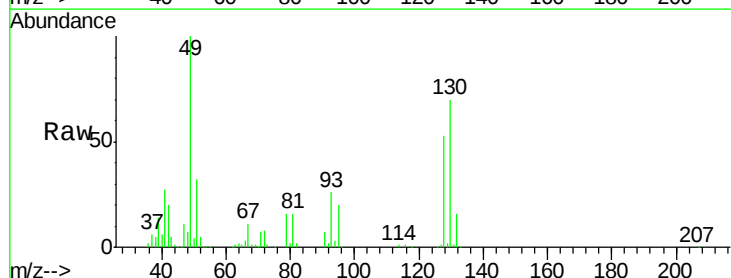
Tgt Ion: 96 Resp: 148052
Ion Ratio Lower Upper
96 100
61 153.2 0.0 298.8
98 65.0 0.0 130.4

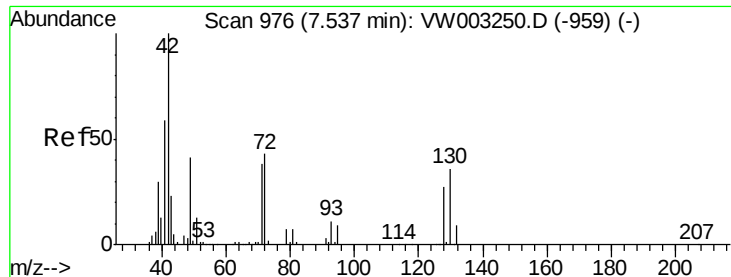


#28

Bromochloromethane
Concen: 52.791 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 49 Resp: 118401
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 71.0 59.4 89.2

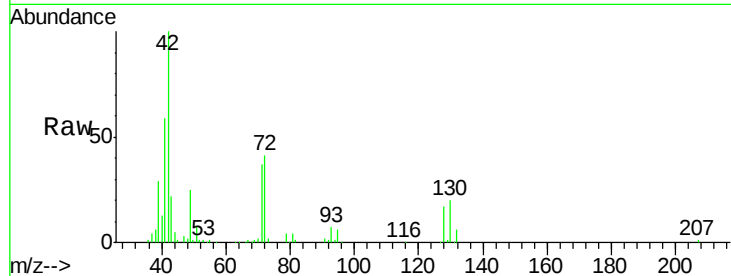




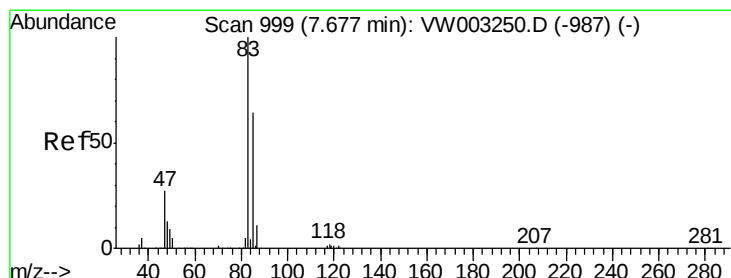
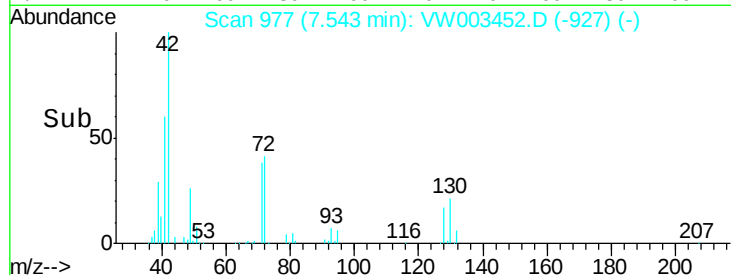
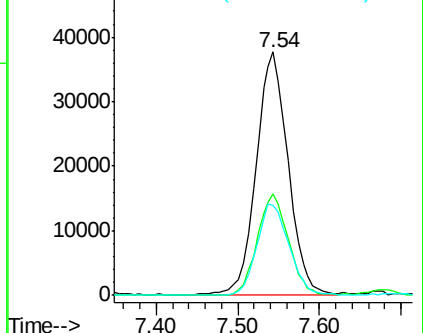
#29
Tetrahydrofuran
Concen: 206.504 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 102562
Ion Ratio Lower Upper
42 100
72 40.8 32.4 48.6
71 38.2 31.2 46.8

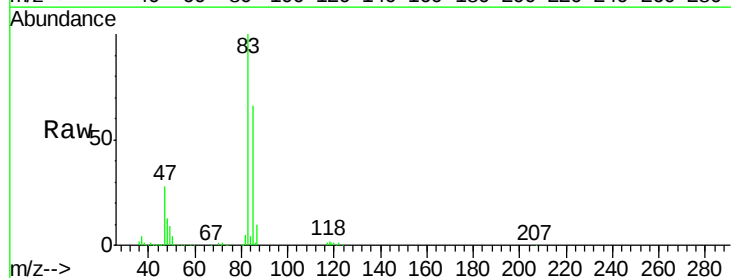


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

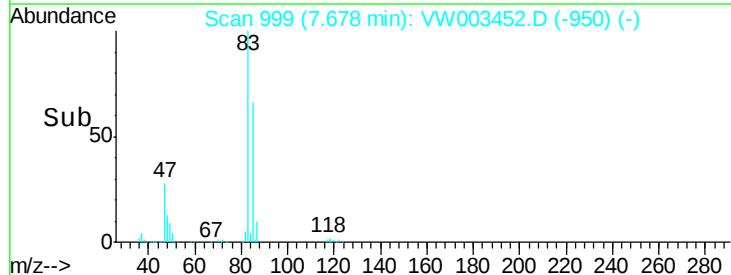
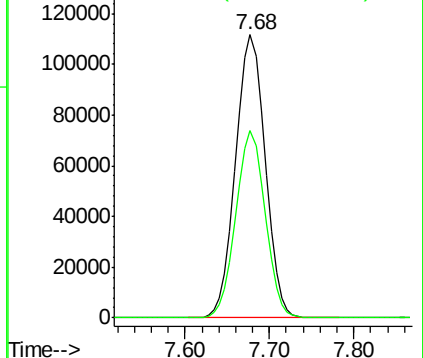


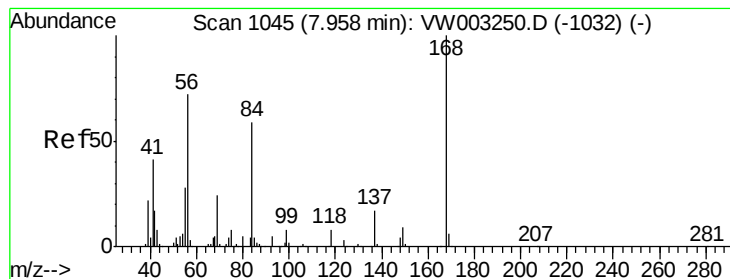
#30
Chloroform
Concen: 48.317 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 83 Resp: 265304
Ion Ratio Lower Upper
83 100
85 66.0 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 47.351 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

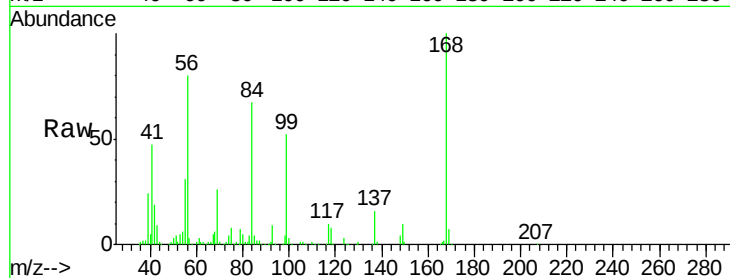
Tgt Ion: 56 Resp: 238423

Ion Ratio Lower Upper

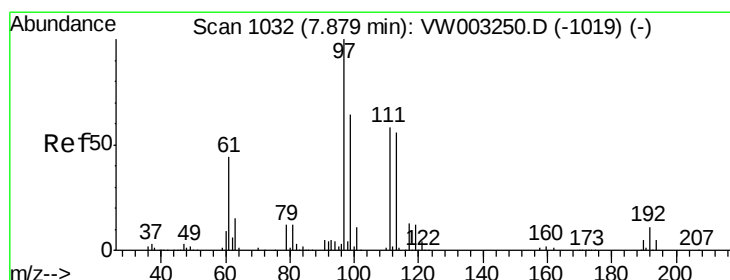
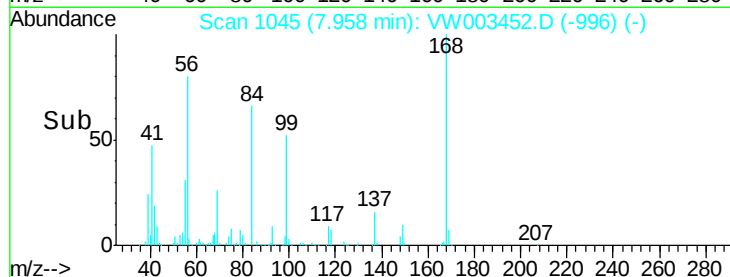
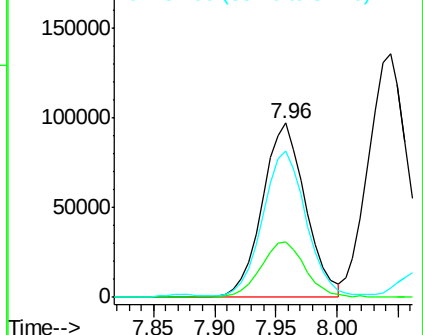
56 100

69 31.9 26.3 39.5

84 82.5 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: 49.629 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

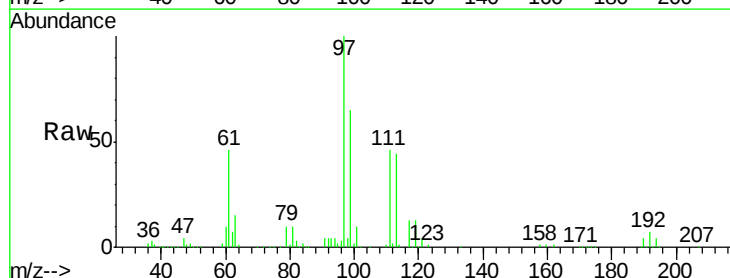
Tgt Ion: 97 Resp: 224934

Ion Ratio Lower Upper

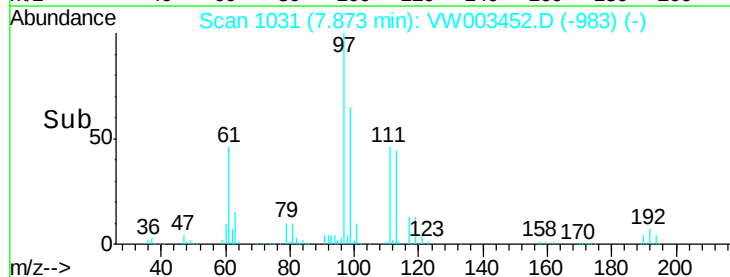
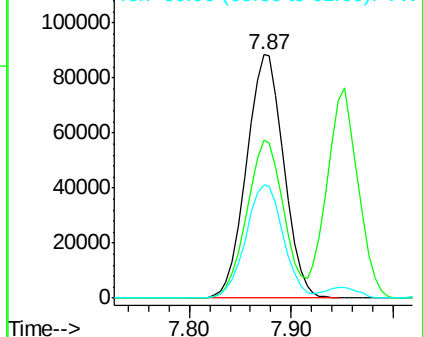
97 100

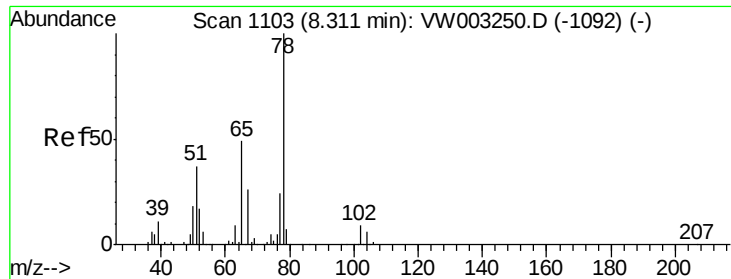
99 64.8 51.7 77.5

61 46.9 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

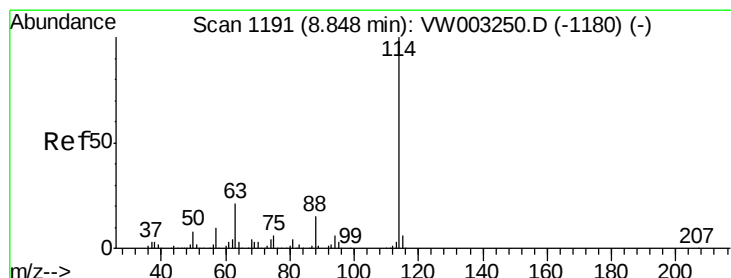
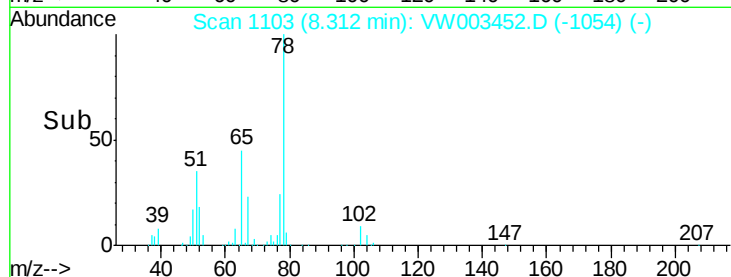
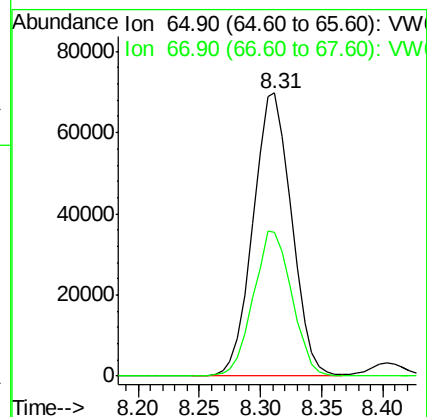
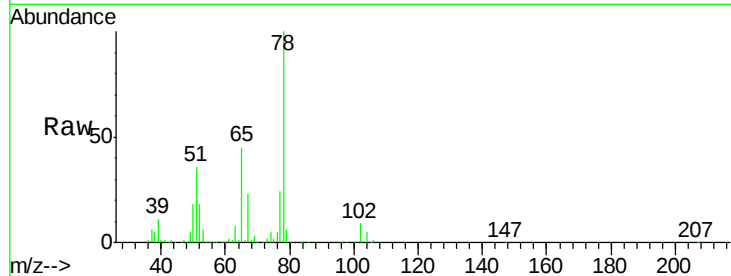




#33
 1,2-Dichloroethane-d4
 Concen: 49.118 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

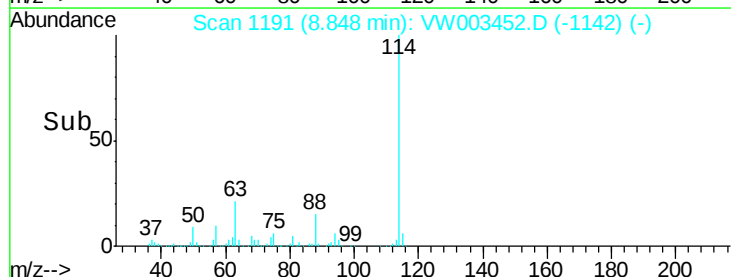
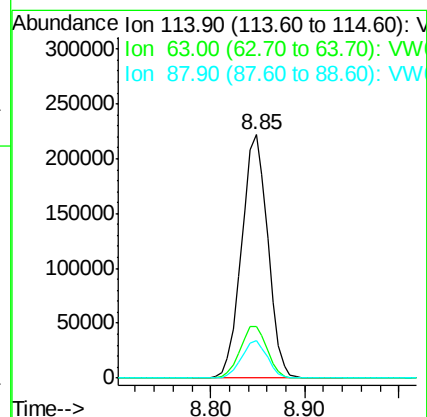
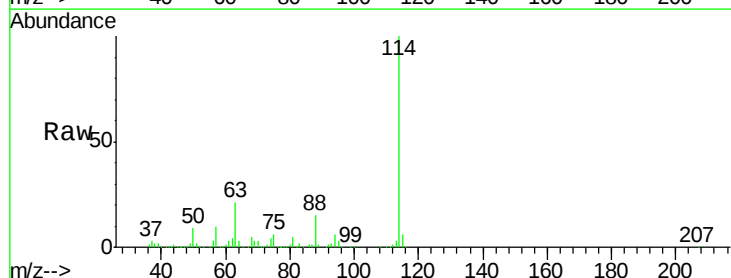
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

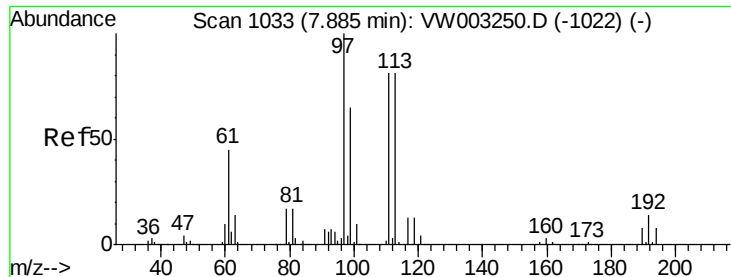
Tgt Ion: 65 Resp: 153055
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 114 Resp: 430041
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.0
 88 15.5 0.0 29.6

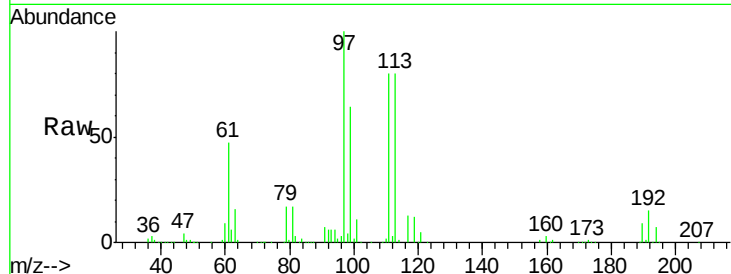




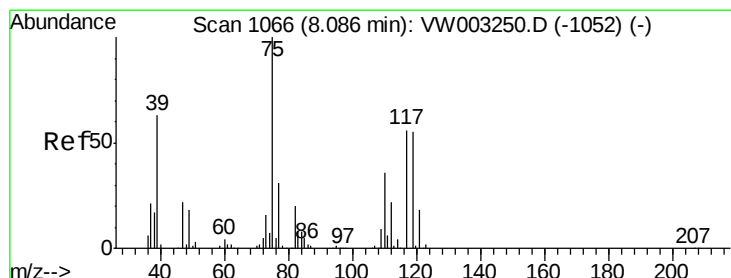
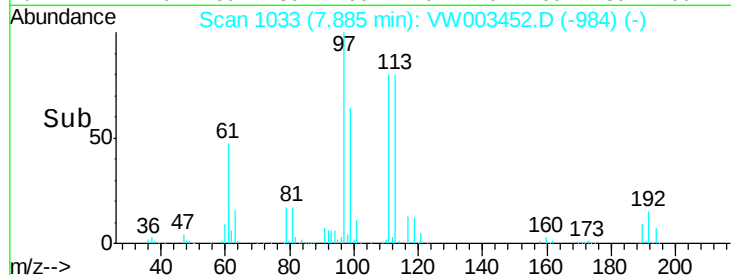
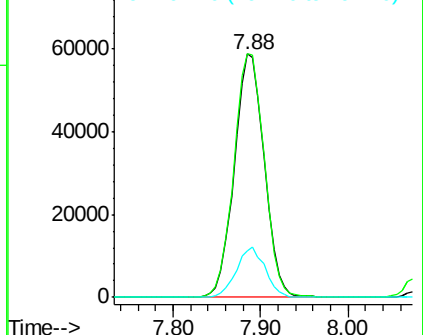
#35
 Dibromofluoromethane
 Concen: 52.413 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 140055
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.2
 192 19.8 16.2 24.2

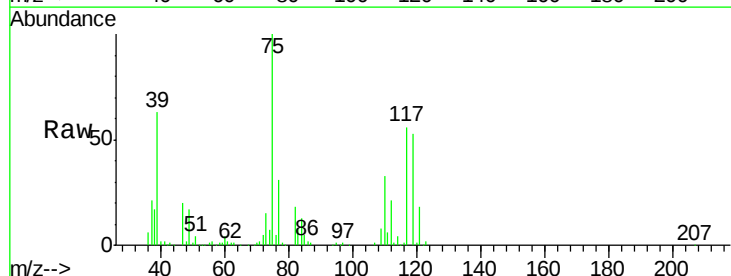


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

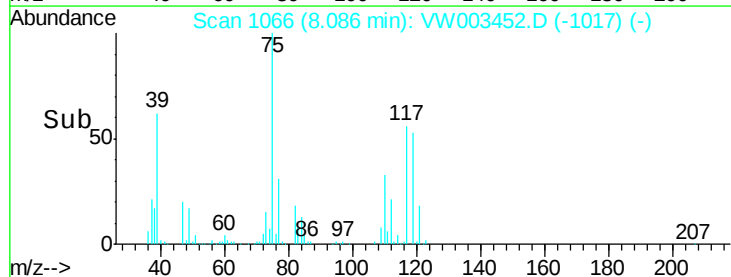
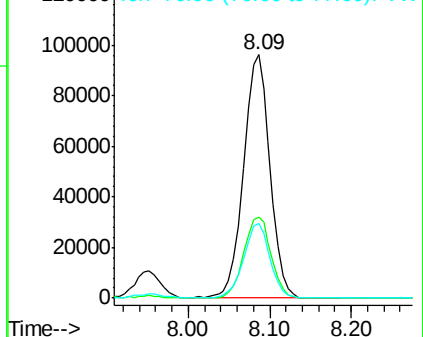


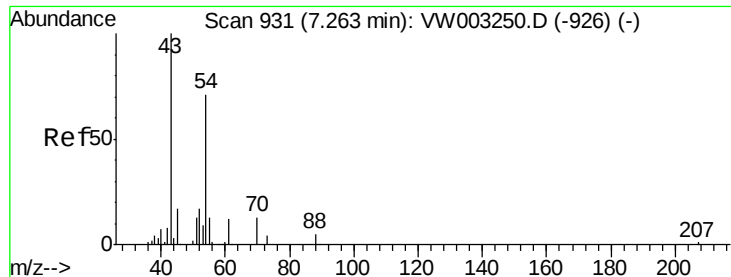
#36
 1,1-Dichloropropene
 Concen: 51.918 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 75 Resp: 215618
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.1 51.3
 77 30.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

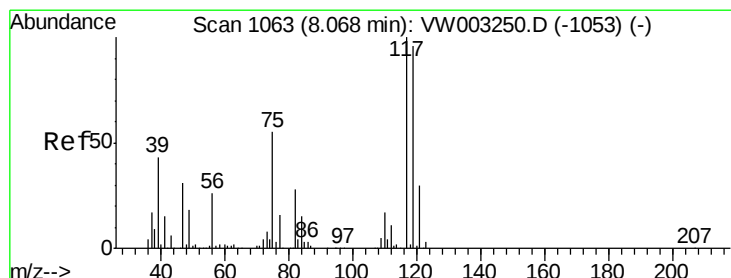
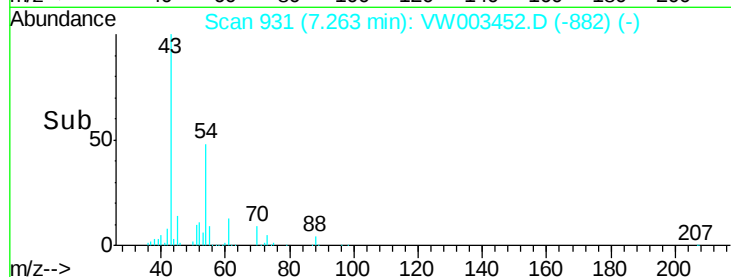
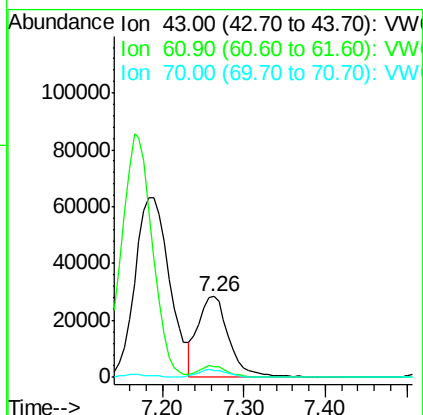
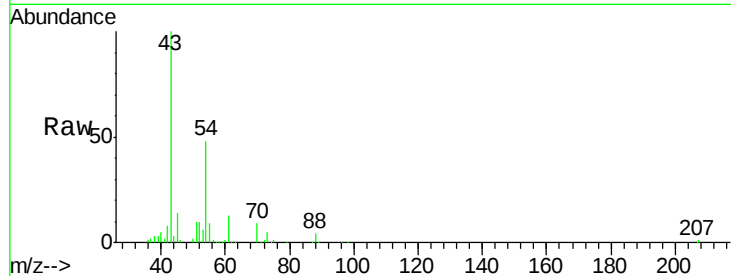




#37
Ethyl Acetate
Concen: 43.258 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

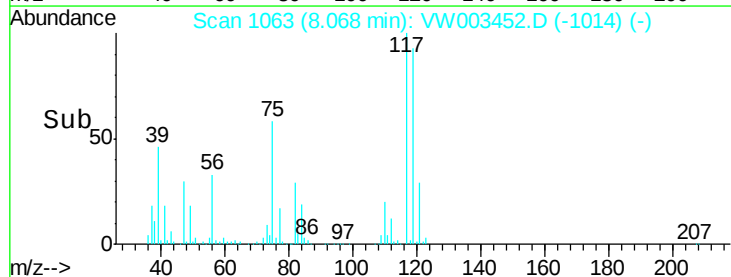
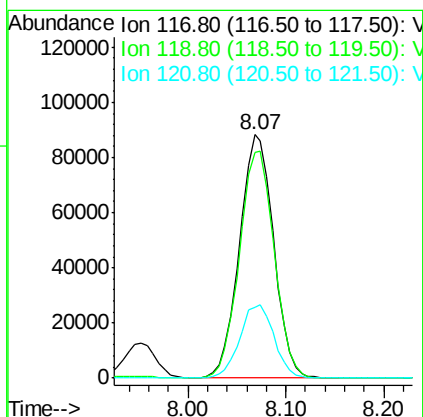
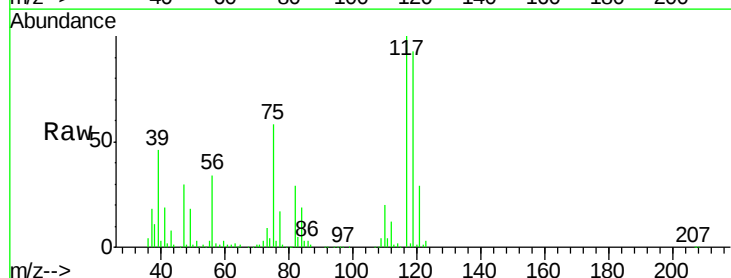
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

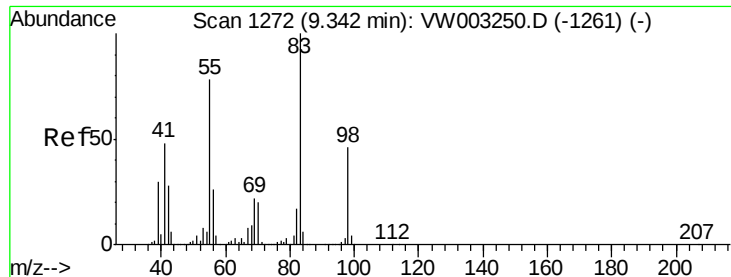
Tgt Ion: 43 Resp: 74427
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 9.1 7.8 11.6



#38
Carbon Tetrachloride
Concen: 52.464 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 117 Resp: 213725
Ion Ratio Lower Upper
117 100
119 92.6 76.6 115.0
121 29.3 23.9 35.9

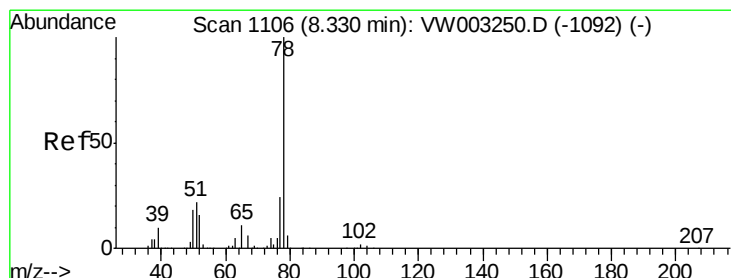
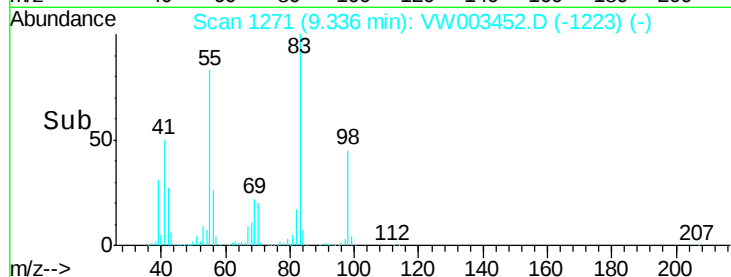
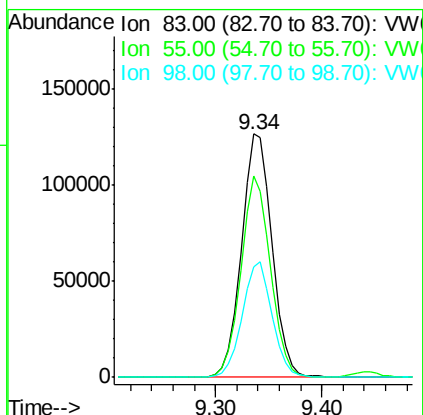
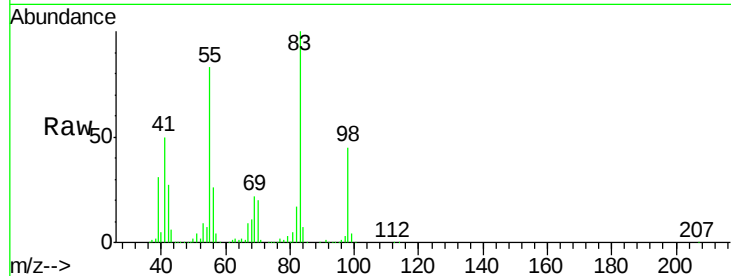




#39
Methylcyclohexane
Concen: 52.929 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

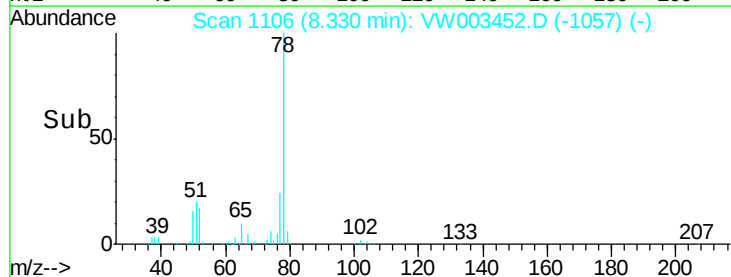
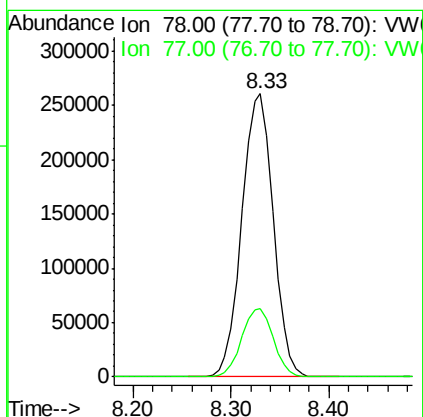
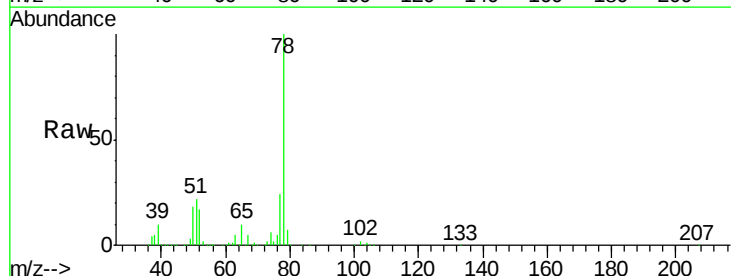
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 254344
Ion Ratio Lower Upper
83 100
55 82.7 62.6 93.8
98 45.5 37.0 55.4



#40
Benzene
Concen: 50.801 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 78 Resp: 581550
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

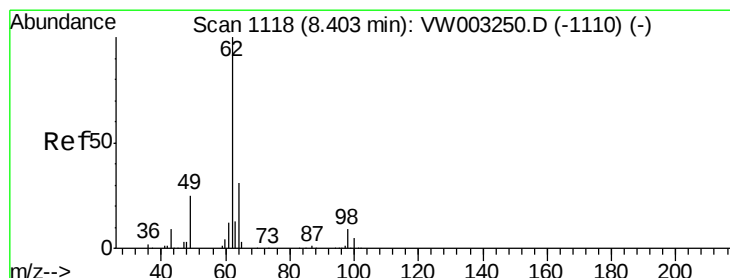
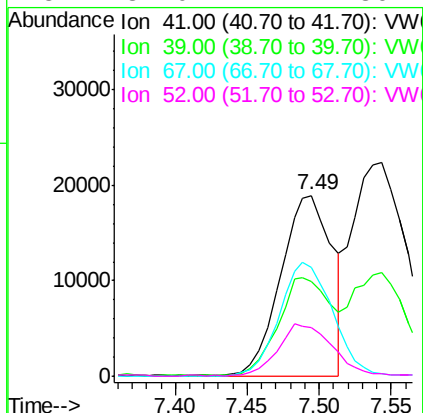
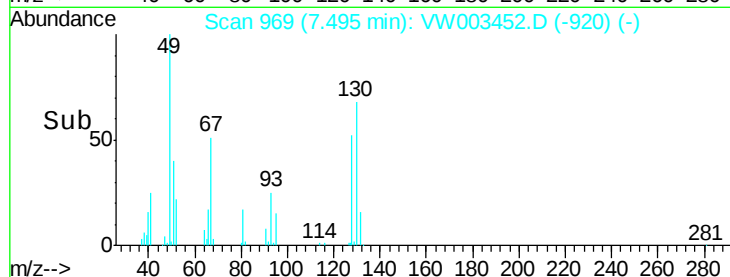
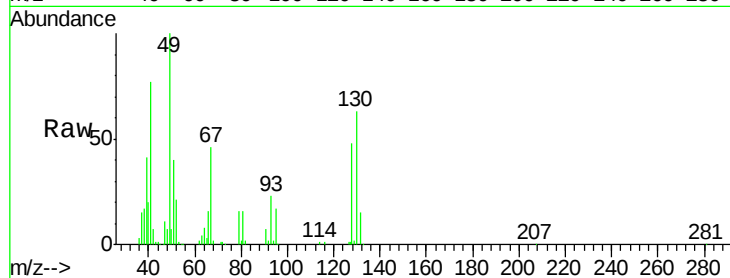




#41
Methacrylonitrile
Concen: 44.408 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

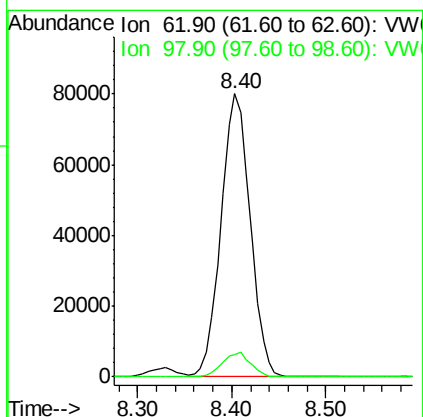
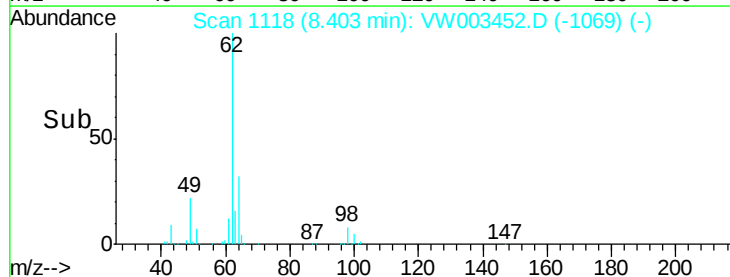
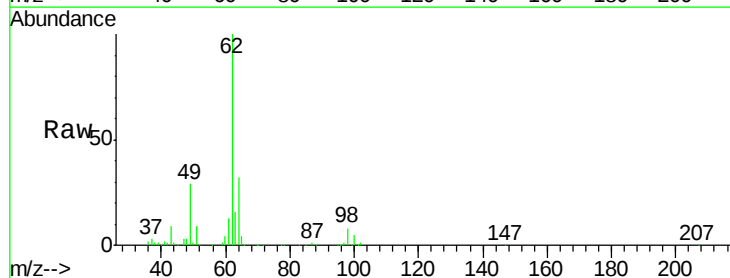
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	46886
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.8
67	65.7	52.3	78.5
52	31.0	24.1	36.1



#42
1,2-Dichloroethane
Concen: 47.936 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:	62	Resp:	171928
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 43.190 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

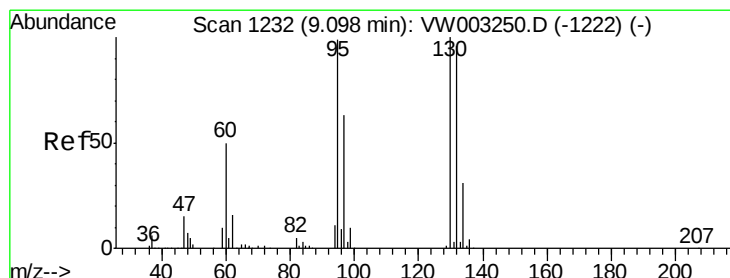
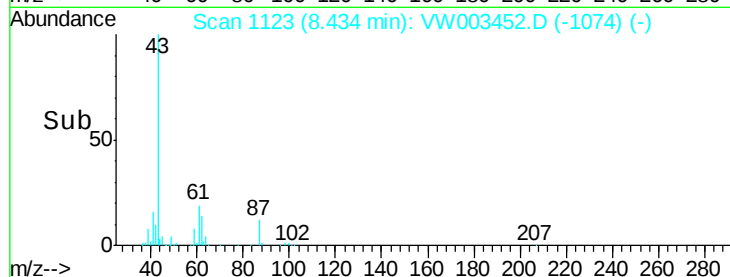
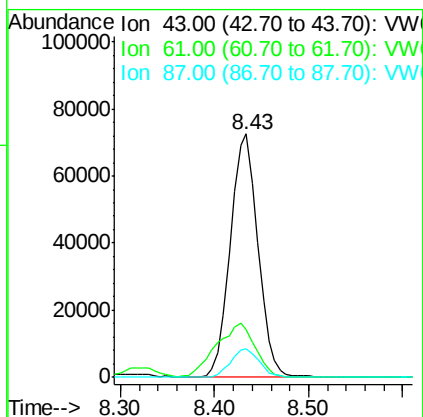
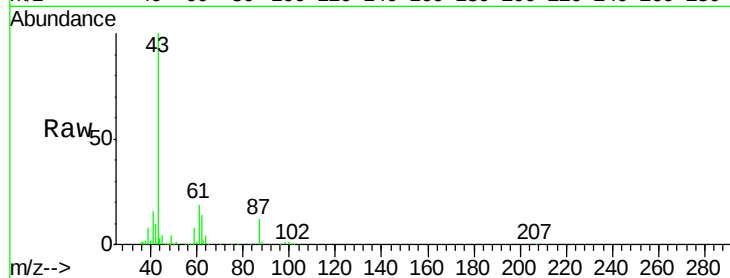
Tgt Ion: 43 Resp: 147550

Ion Ratio Lower Upper

43 100

61 31.3 23.1 34.7

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 49.815 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003452.D

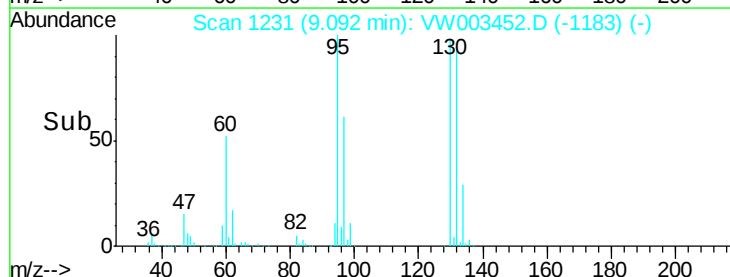
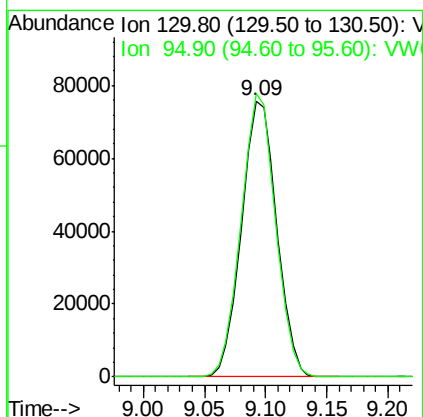
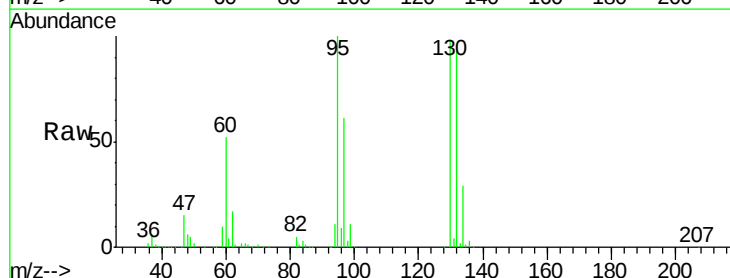
Acq: 23 Jun 2018 11:12

Tgt Ion: 130 Resp: 151108

Ion Ratio Lower Upper

130 100

95 102.4 0.0 198.0





#45

1,2-Dichloropropane

Concen: 50.272 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

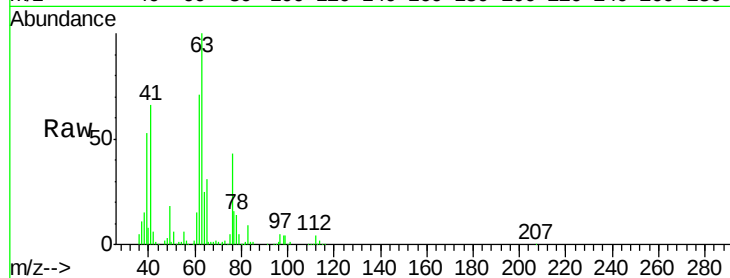
VSTDCCC050

Tgt Ion: 63 Resp: 146531

Ion Ratio Lower Upper

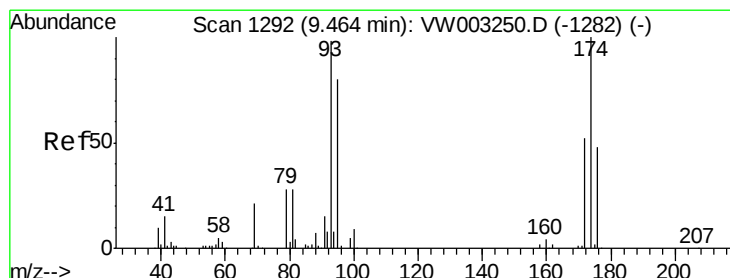
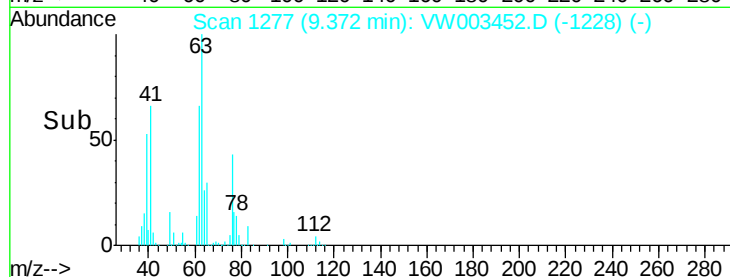
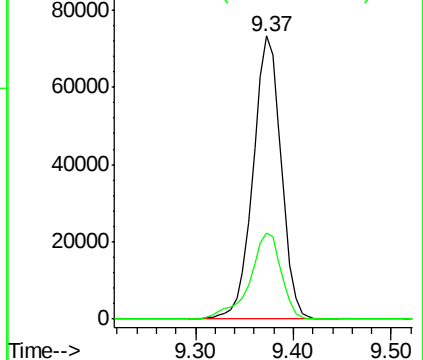
63 100

65 30.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 47.537 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

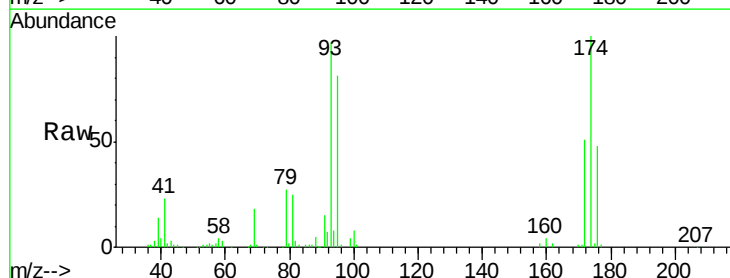
Tgt Ion: 93 Resp: 70939

Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

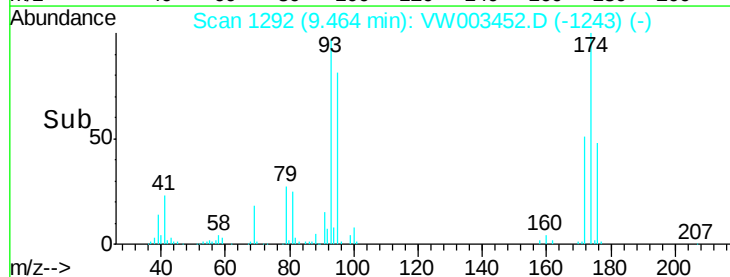
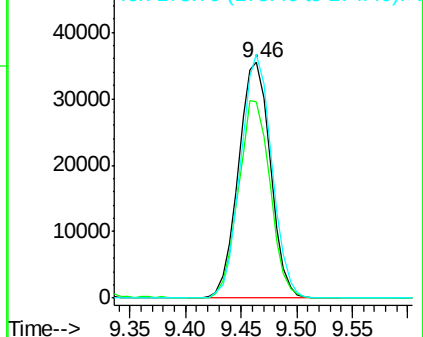
174 100.5 81.4 122.0

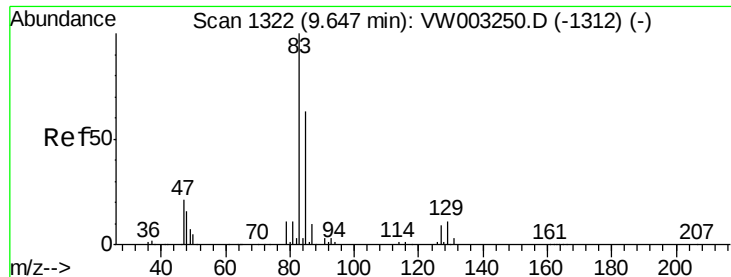


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.241 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

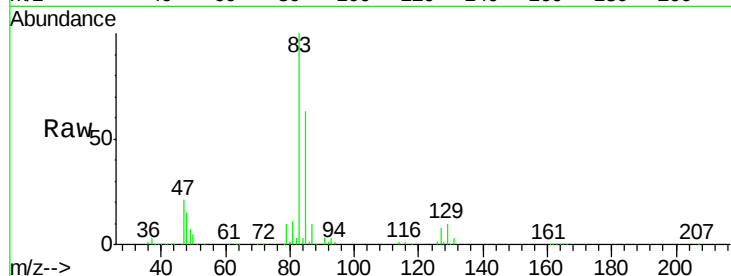
Tgt Ion: 83 Resp: 192179

Ion Ratio Lower Upper

83 100

85 62.6 50.6 75.8

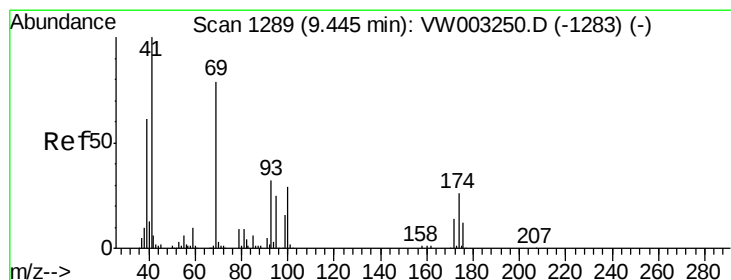
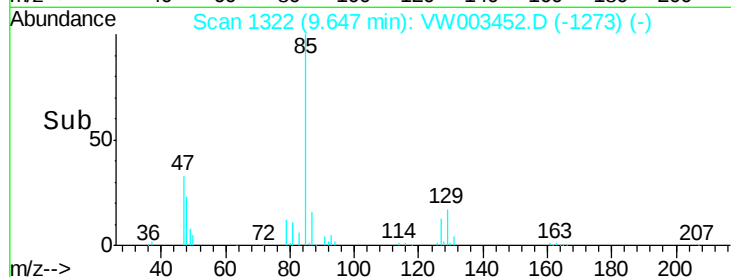
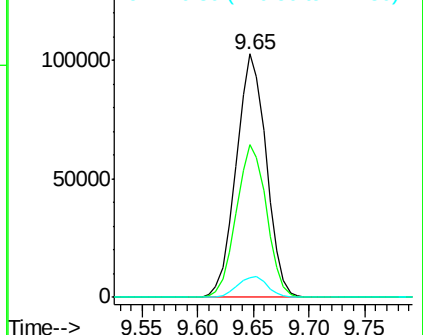
127 8.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.979 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

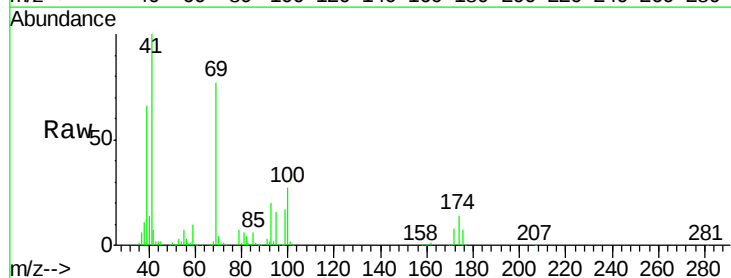
Tgt Ion: 41 Resp: 72214

Ion Ratio Lower Upper

41 100

69 81.8 65.4 98.2

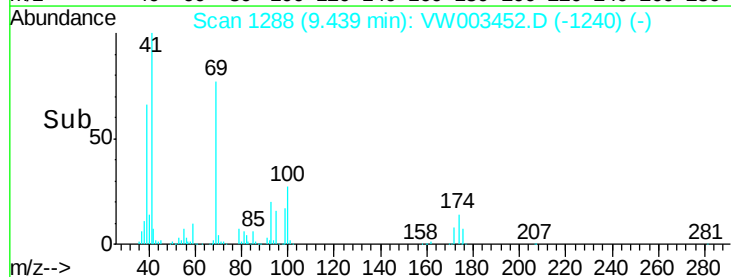
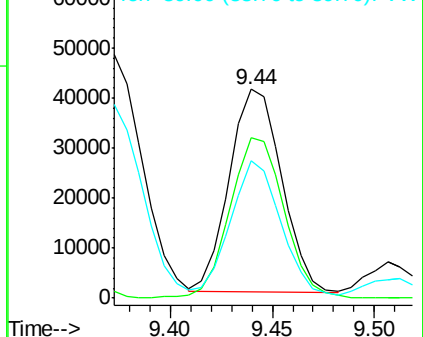
39 63.1 54.2 81.2

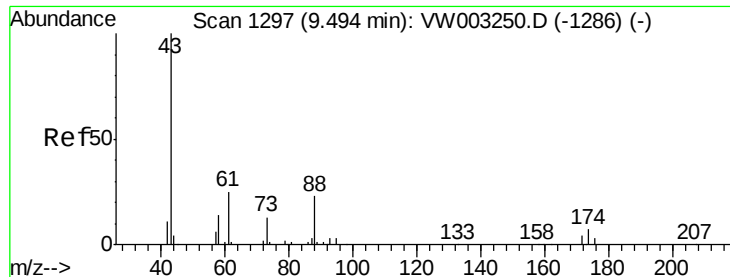


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

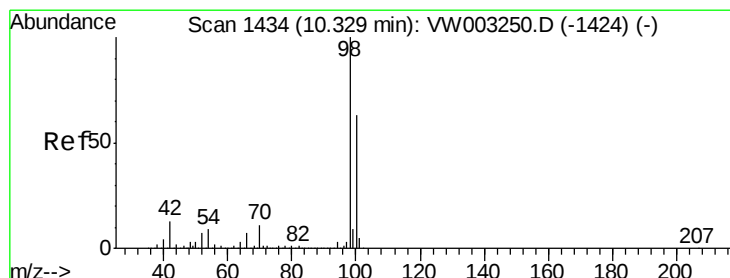
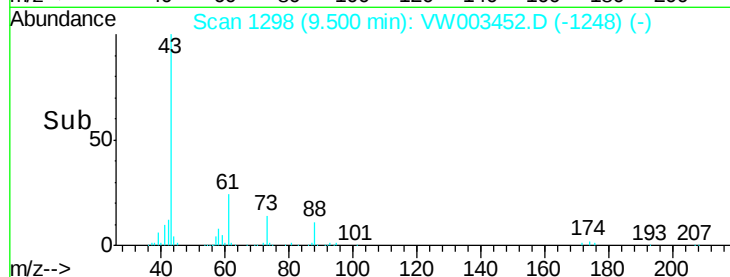
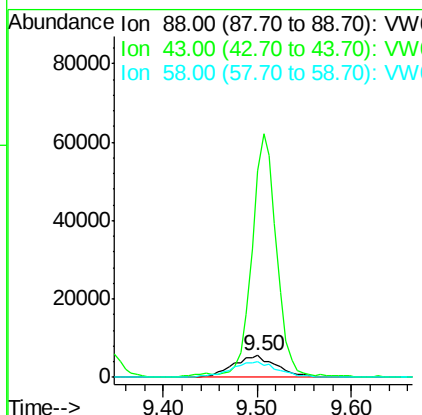
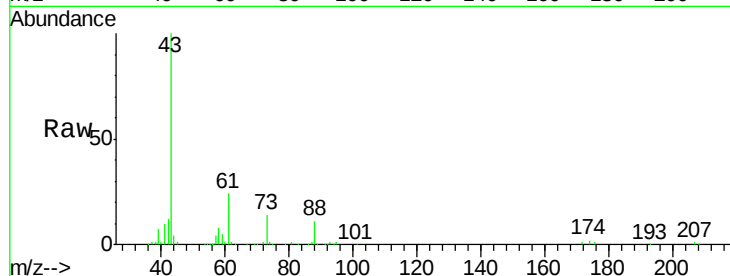




#49
 1,4-Dioxane
 Concen: 794.831 ug/l
 RT: 9.50 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

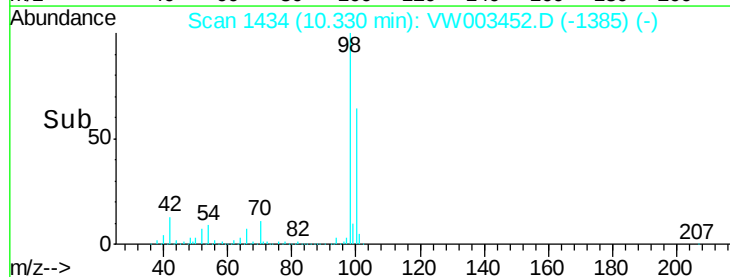
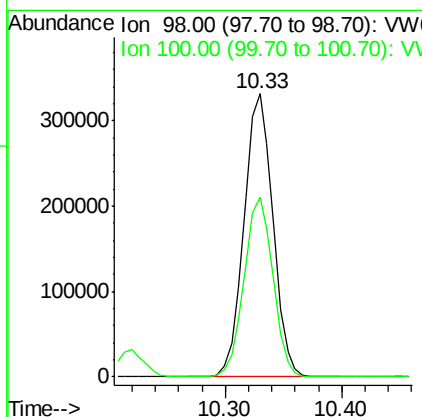
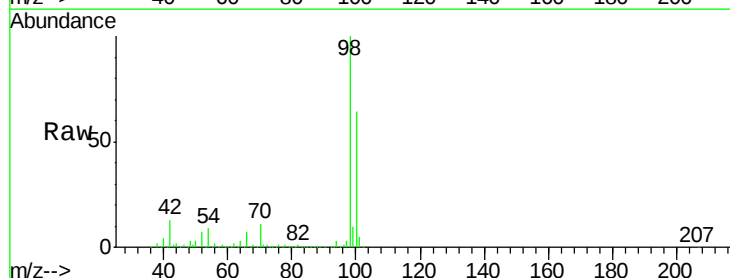
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

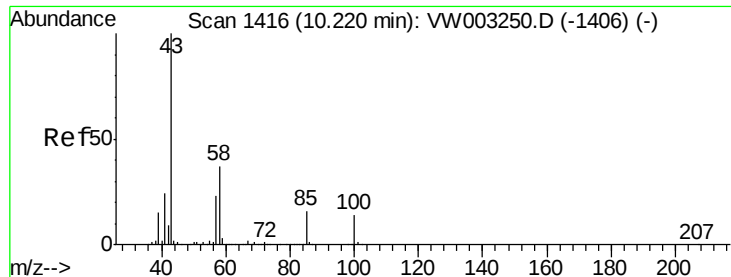
Tgt Ion: 88 Resp: 17909
 Ion Ratio Lower Upper
 88 100
 43 629.9 454.7 682.1
 58 76.7 58.6 88.0



#50
 Toluene-d8
 Concen: 54.247 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 98 Resp: 574783
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.8 76.2

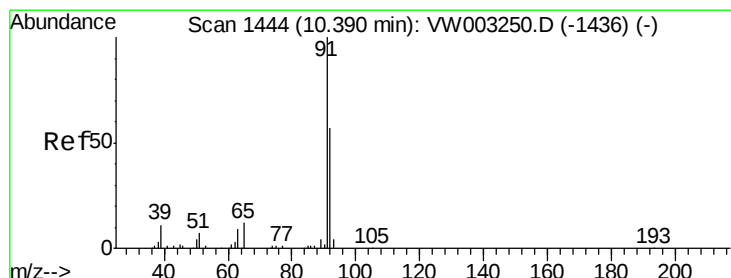
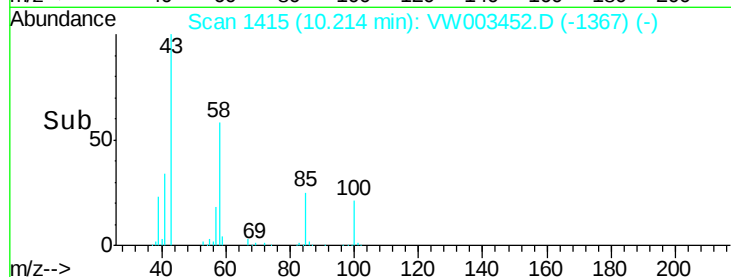
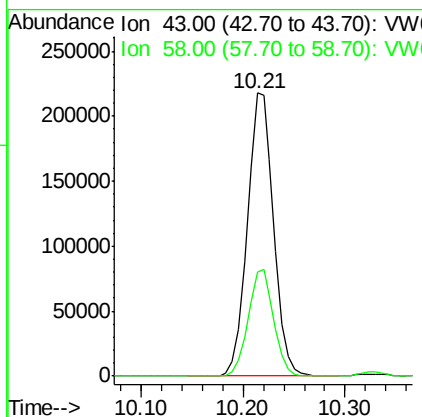
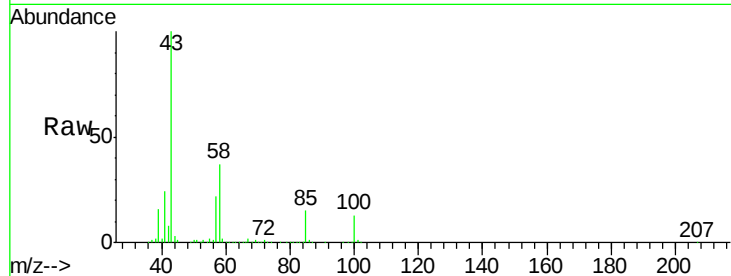




#51
 4-Methyl-2-Pentanone
 Concen: 222.735 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

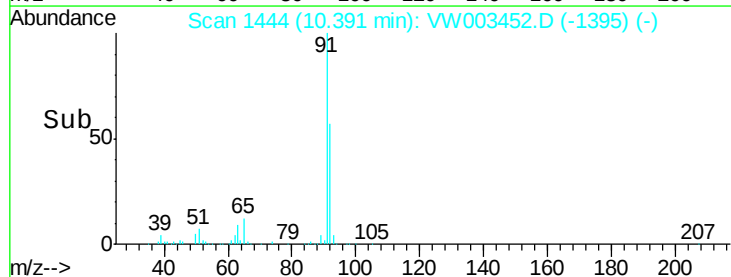
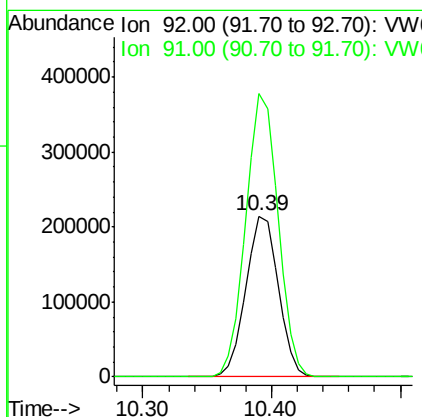
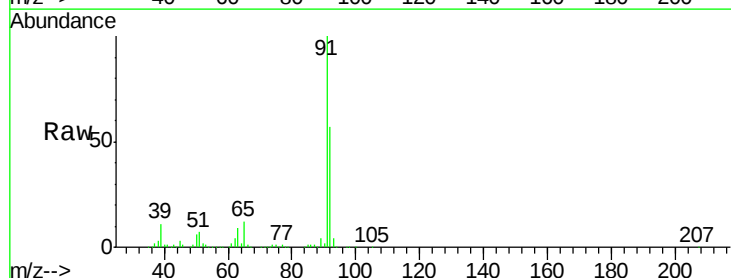
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

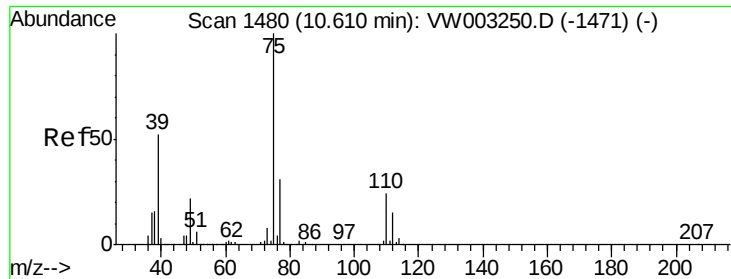
Tgt Ion: 43 Resp: 387737
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.0 43.4



#52
 Toluene
 Concen: 50.840 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 92 Resp: 373214
 Ion Ratio Lower Upper
 92 100
 91 175.7 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 48.684 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

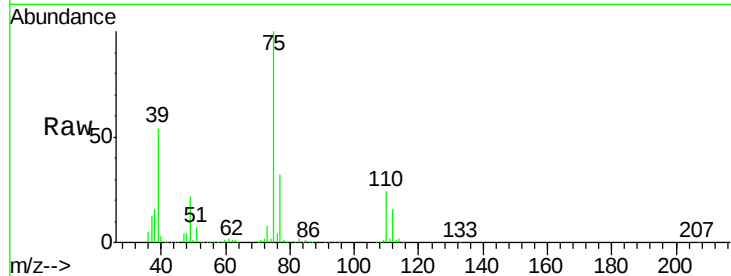
VSTDCCC050

Tgt Ion: 75 Resp: 190228

Ion Ratio Lower Upper

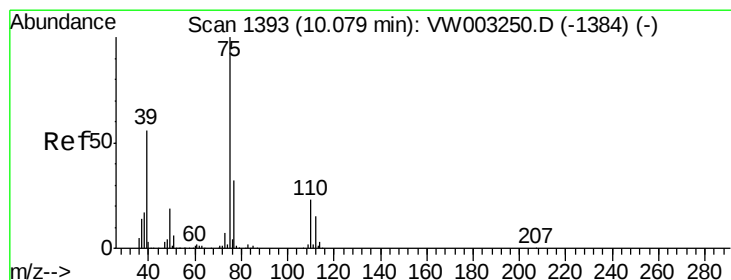
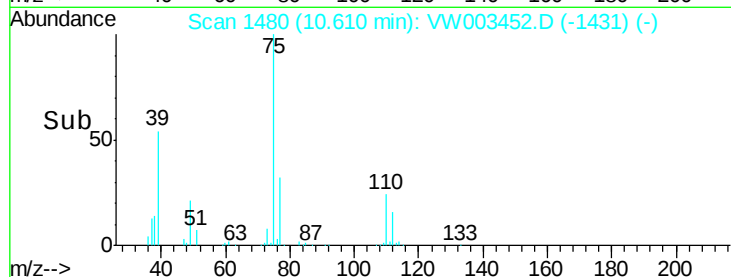
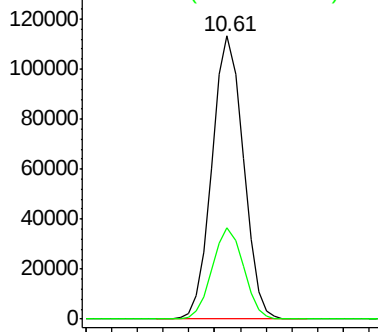
75 100

77 32.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 49.703 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

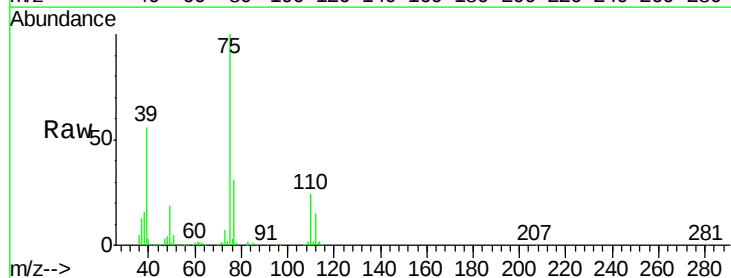
Tgt Ion: 75 Resp: 221042

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

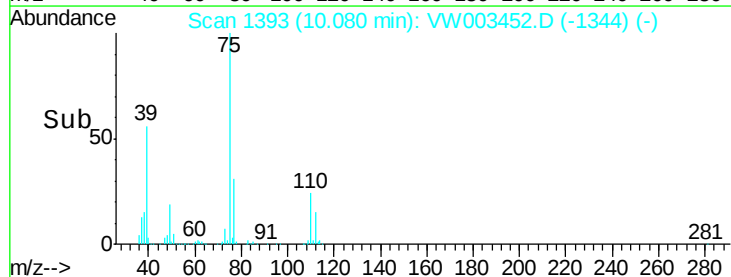
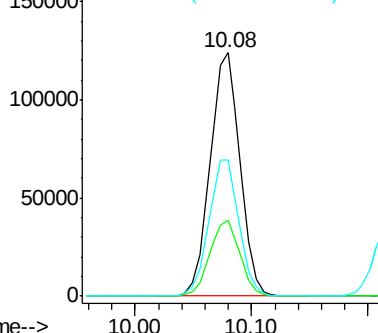
39 55.9 45.2 67.8

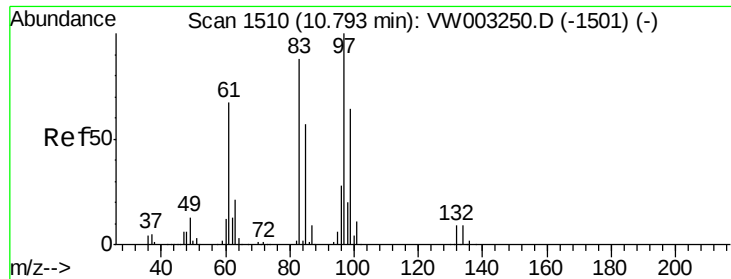


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

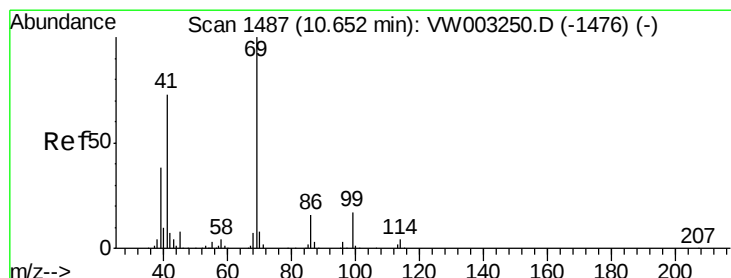
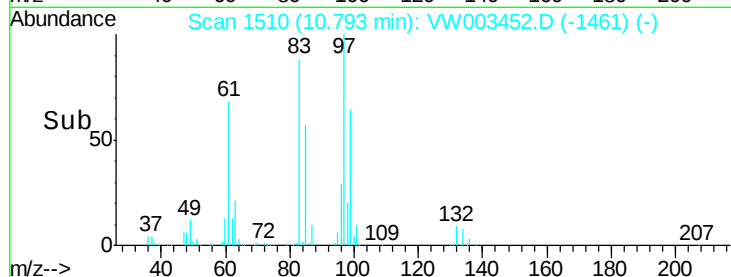
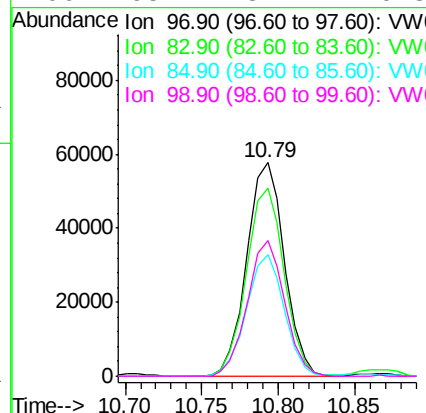
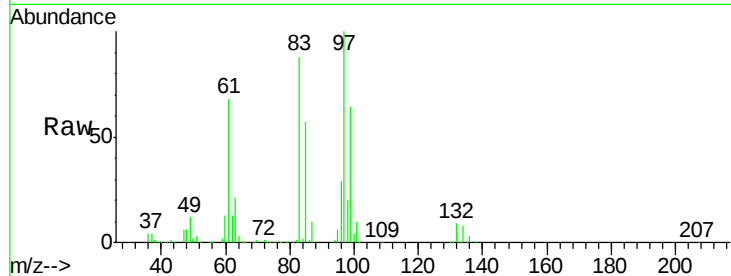




#55
 1,1,2-Trichloroethane
 Concen: 47.190 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

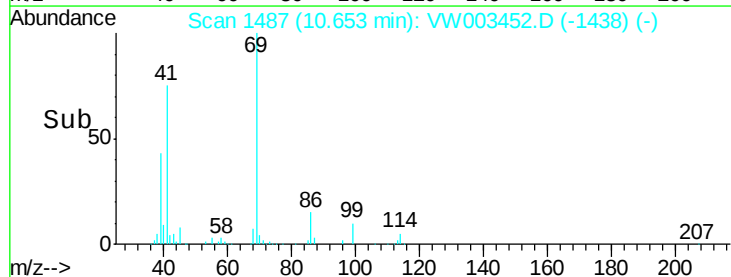
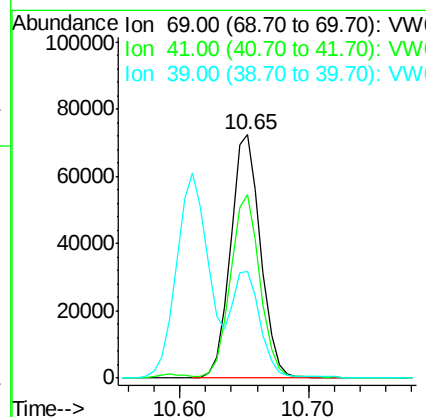
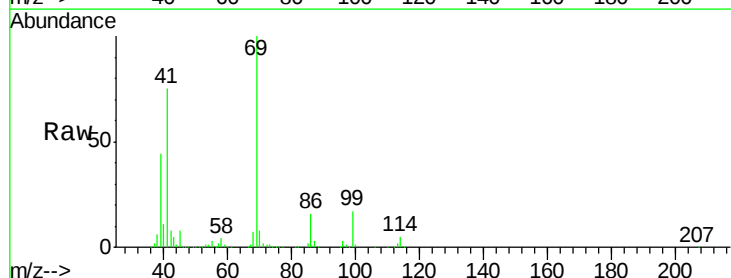
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 99233
 Ion Ratio Lower Upper
 97 100
 83 88.0 70.2 105.2
 85 56.7 45.6 68.4
 99 63.7 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 46.144 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 69 Resp: 117830
 Ion Ratio Lower Upper
 69 100
 41 74.1 57.8 86.6
 39 39.6 32.7 49.1

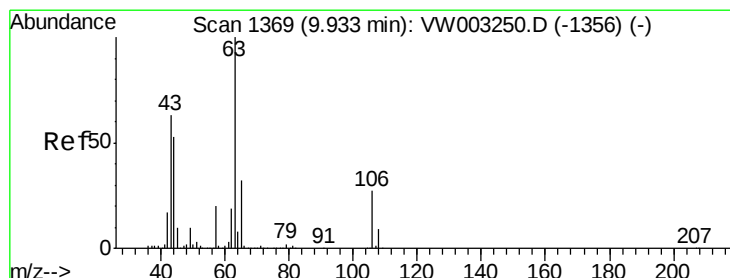
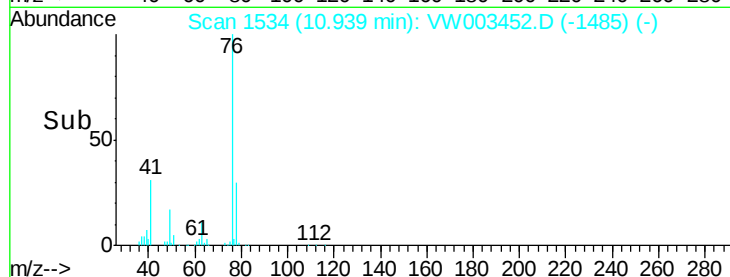
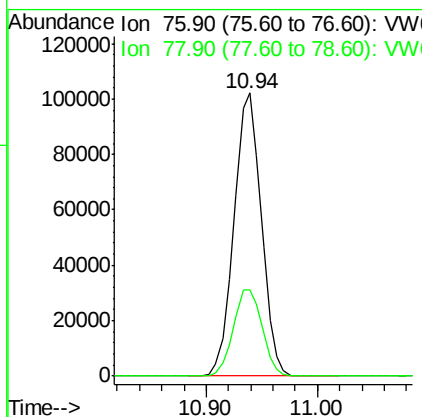
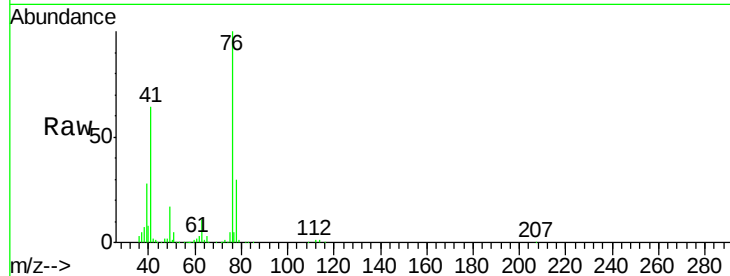




#57
 1,3-Dichloropropane
 Concen: 47.773 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

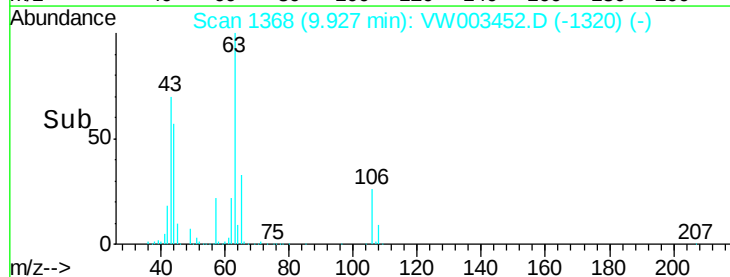
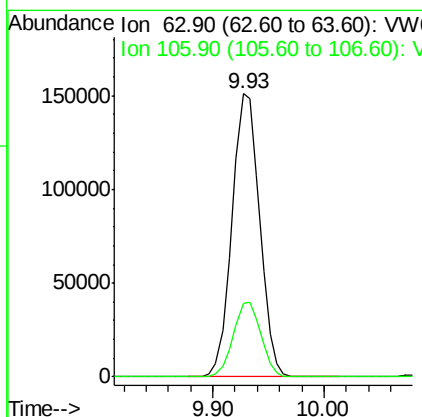
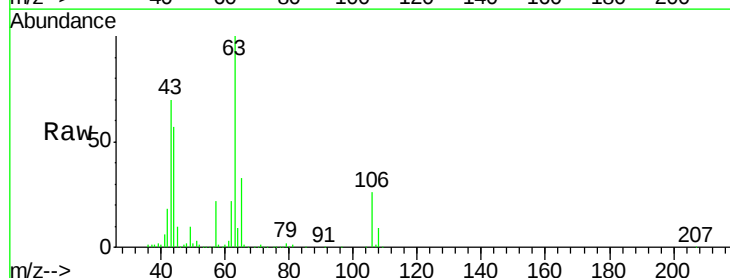
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

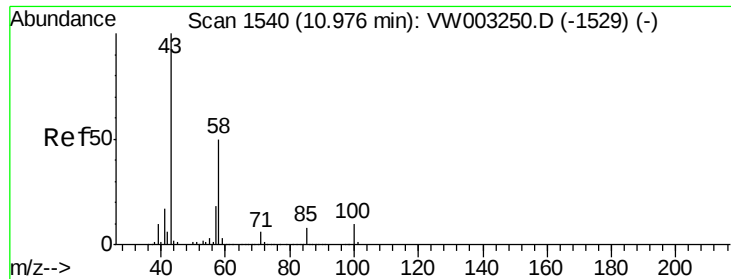
Tgt Ion: 76 Resp: 173263
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 226.644 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 63 Resp: 259439
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8

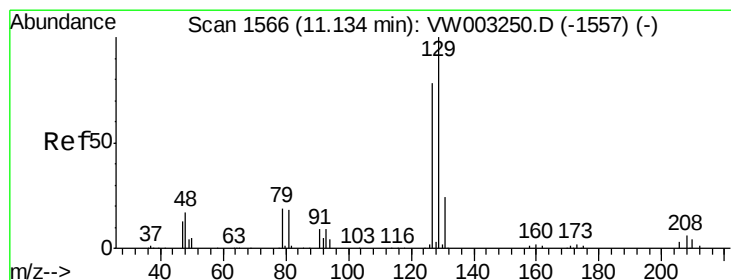
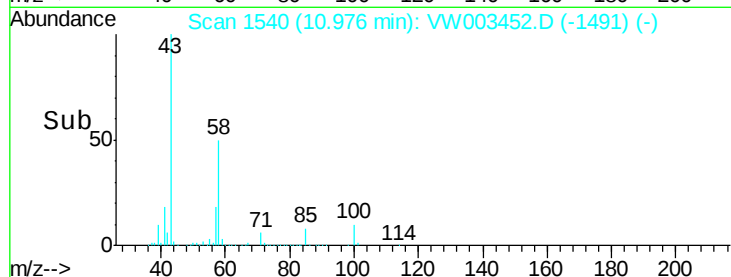
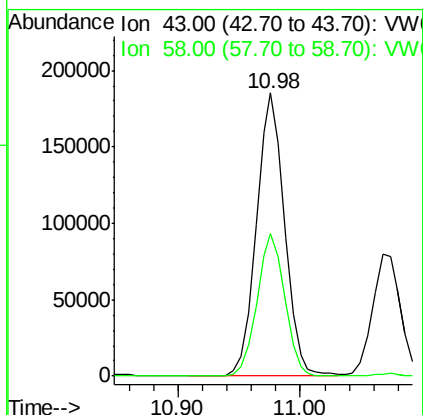
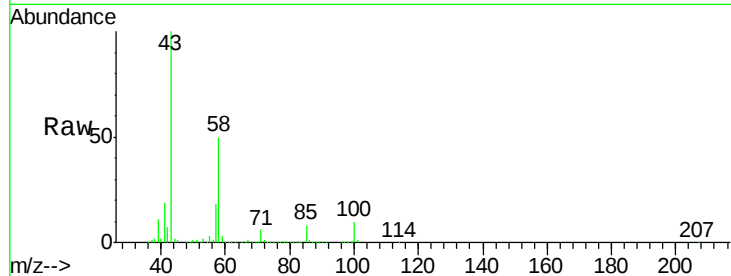




#59
2-Hexanone
Concen: 244.754 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

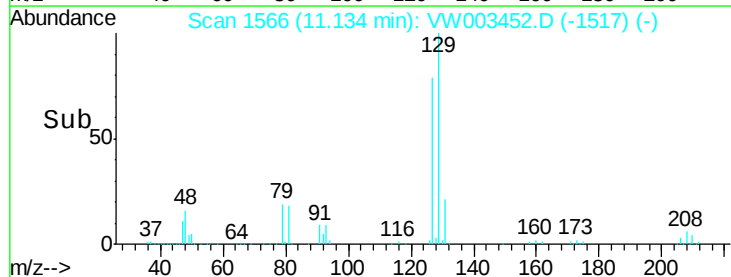
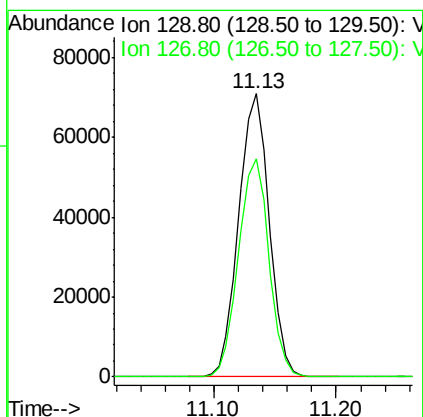
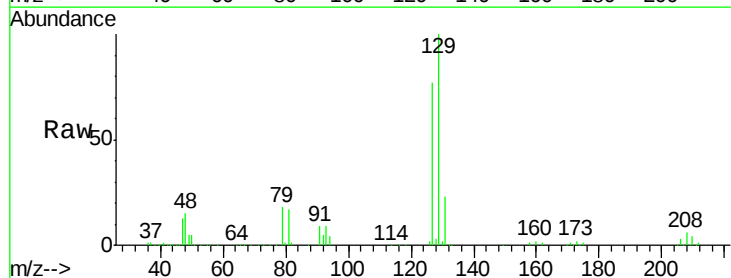
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

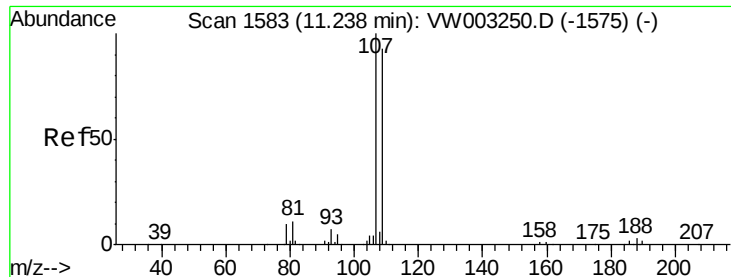
Tgt Ion: 43 Resp: 297645
Ion Ratio Lower Upper
43 100
58 49.6 25.0 75.0



#60
Dibromochloromethane
Concen: 49.195 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 129 Resp: 123023
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.5

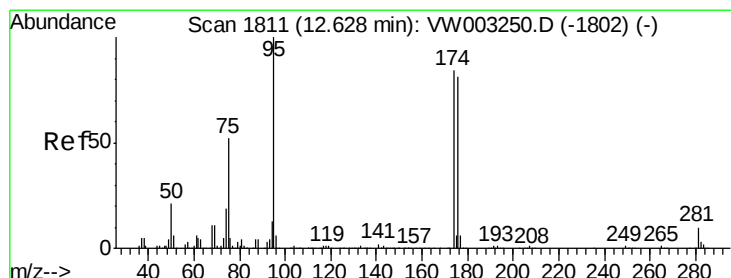
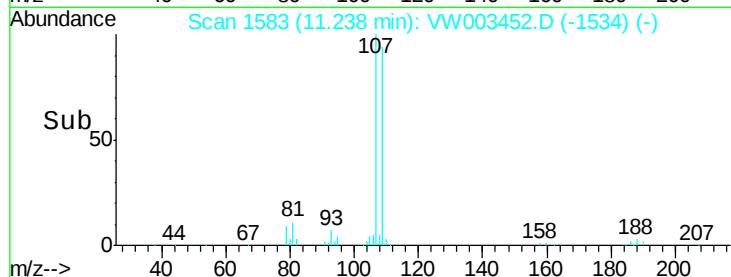
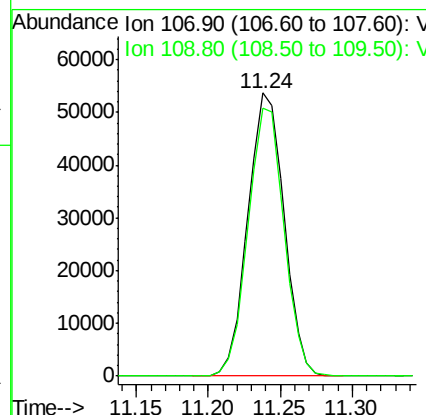
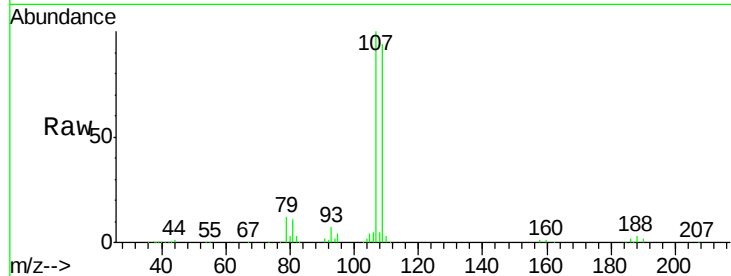




#61
 1,2-Dibromoethane
 Concen: 46.950 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

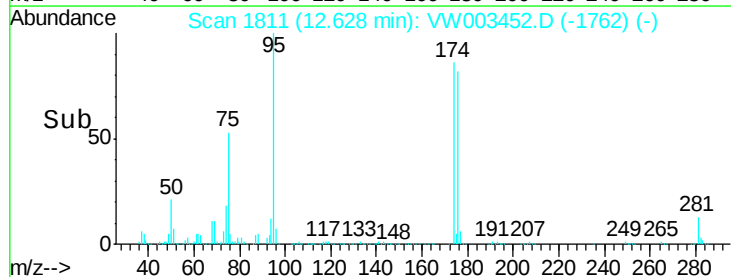
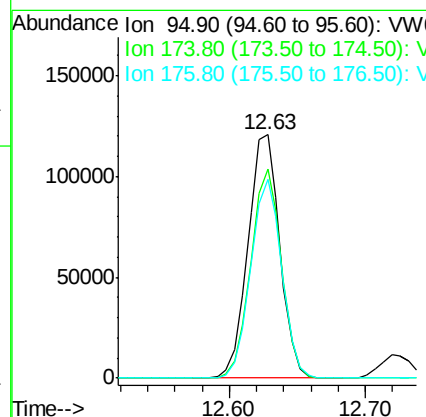
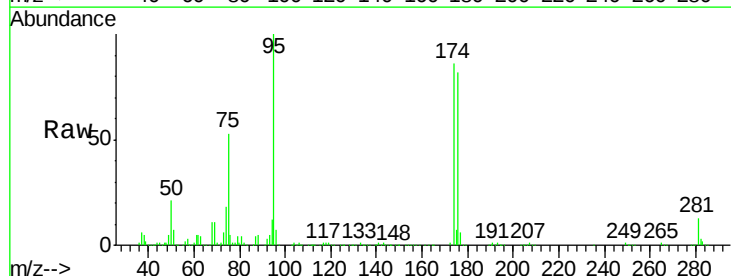
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

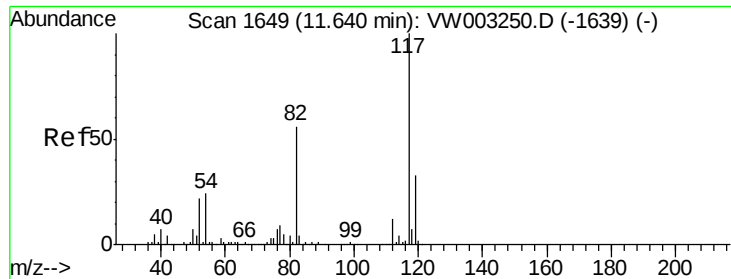
Tgt Ion: 107 Resp: 93389
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 52.645 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 95 Resp: 197404
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 166.4
 176 79.6 0.0 162.0

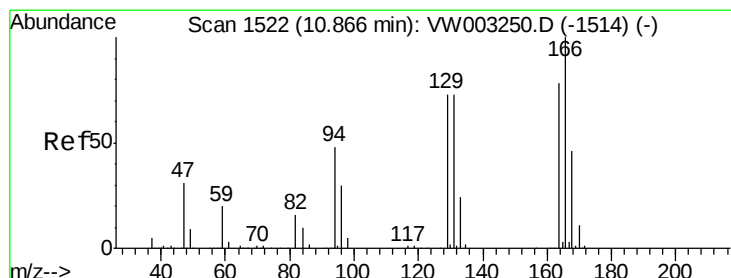
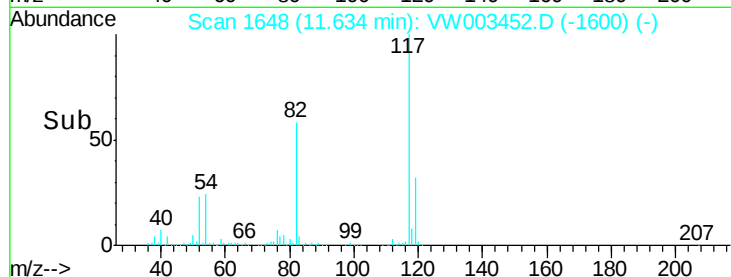
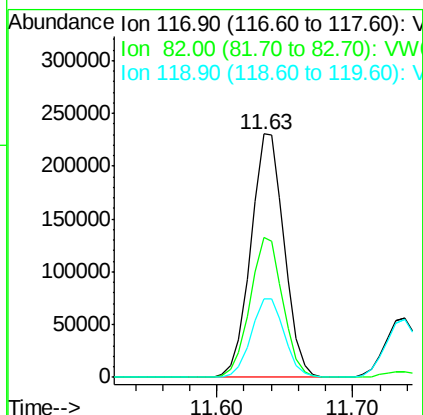
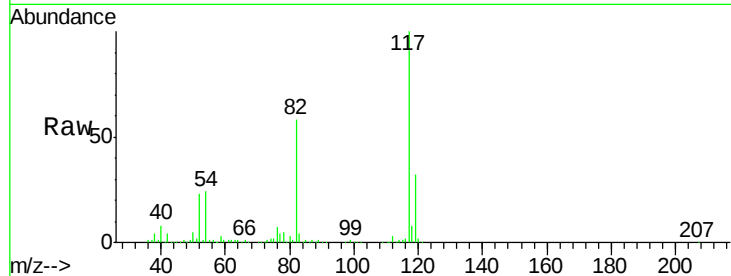




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

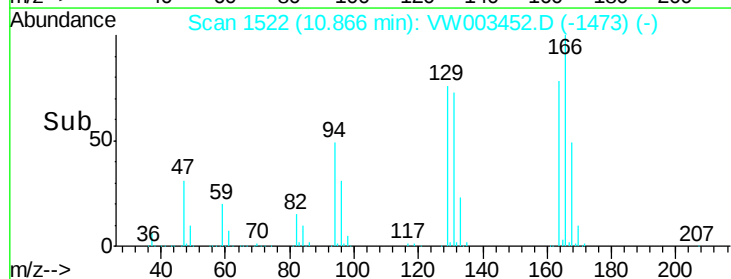
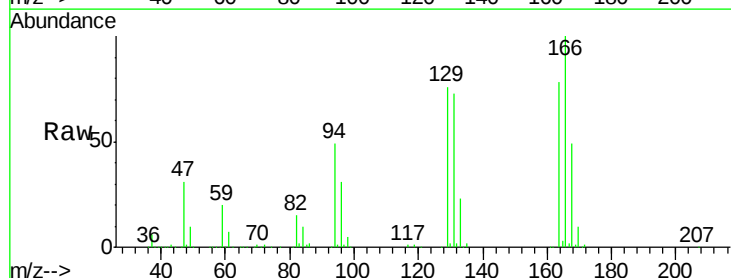
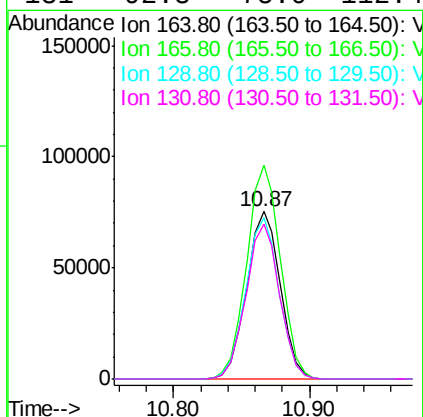
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

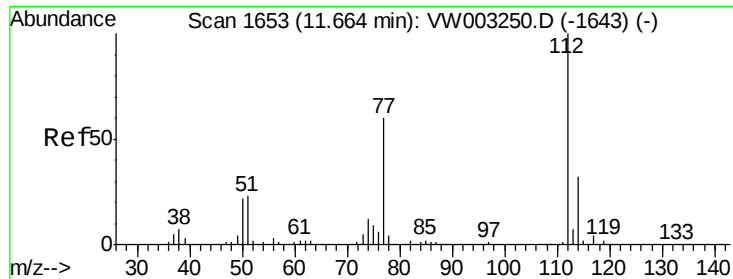
Tgt Ion:117 Resp: 396393
Ion Ratio Lower Upper
117 100
82 57.5 44.6 67.0
119 32.4 26.7 40.1



#64
Tetrachloroethene
Concen: 49.180 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:164 Resp: 130389
Ion Ratio Lower Upper
164 100
166 127.5 102.6 154.0
129 96.4 75.2 112.8
131 92.8 75.0 112.4

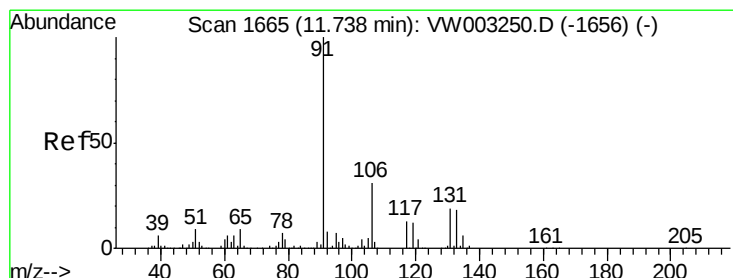
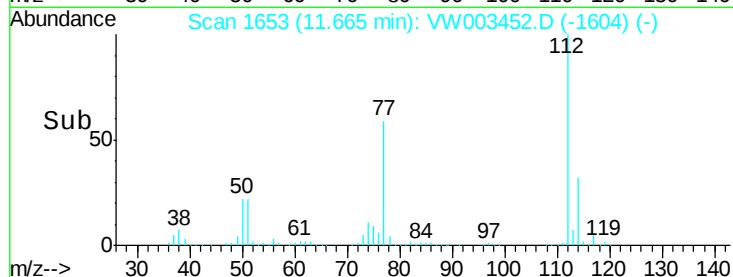
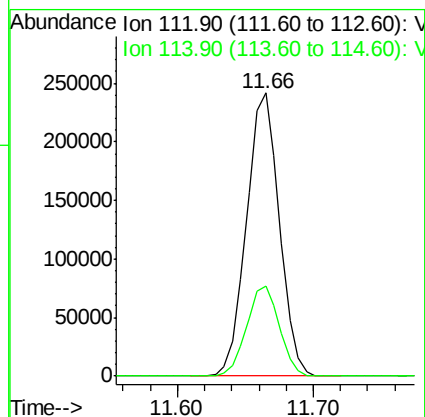
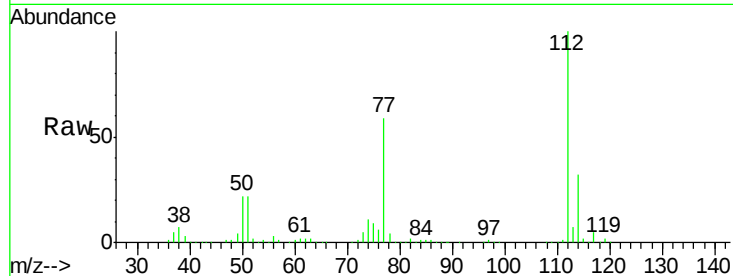




#65
Chlorobenzene
Concen: 49.399 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

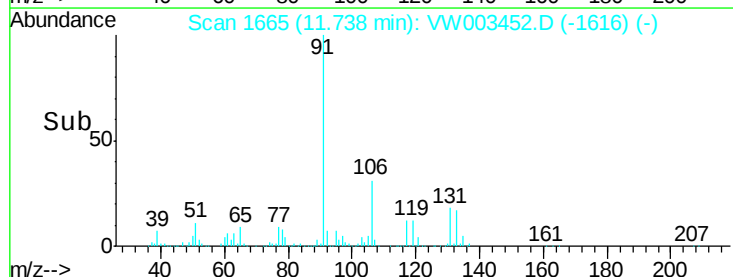
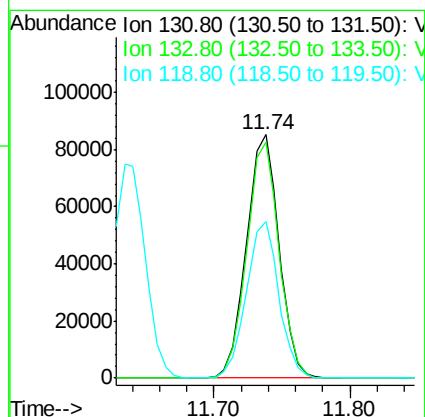
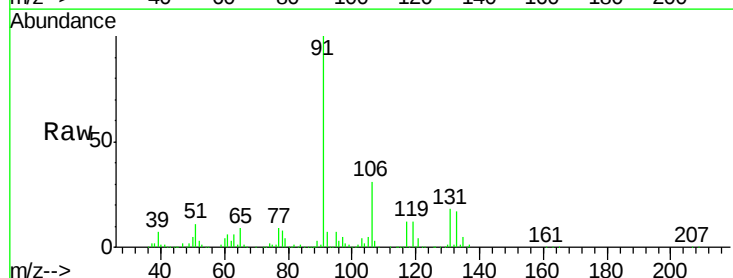
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

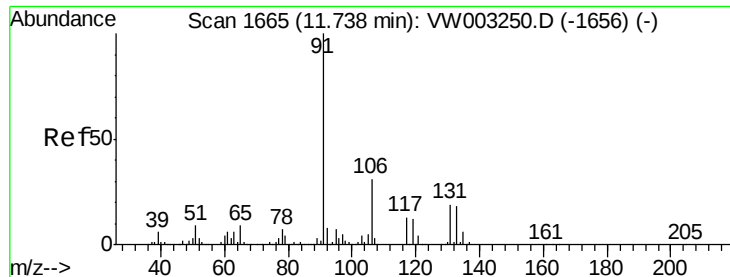
Tgt Ion:112 Resp: 407768
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.420 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:131 Resp: 143358
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 64.0 32.5 97.4

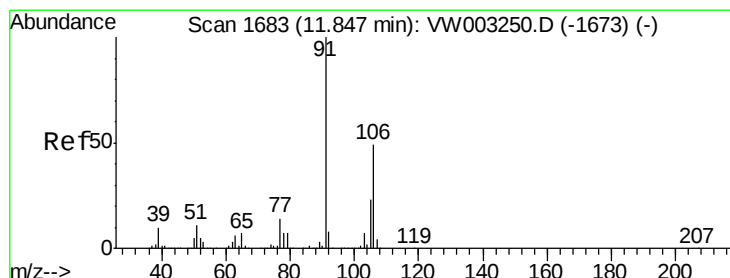
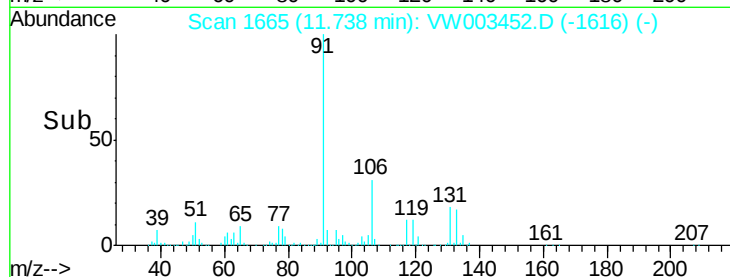
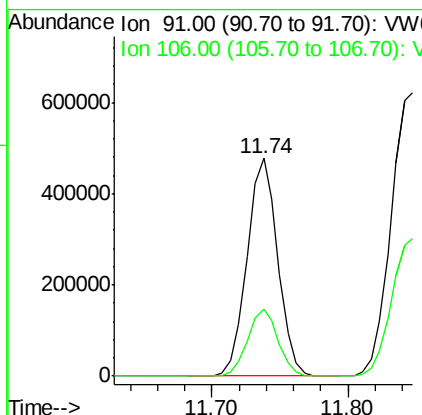
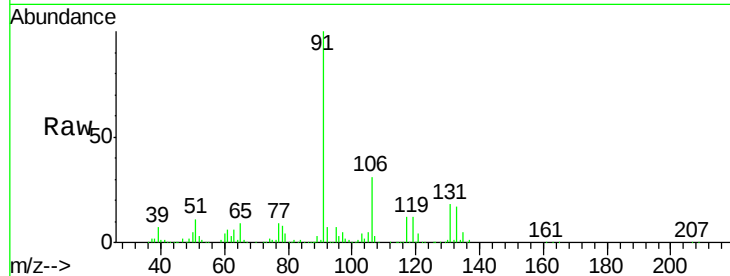




#67
Ethyl Benzene
Concen: 51.517 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

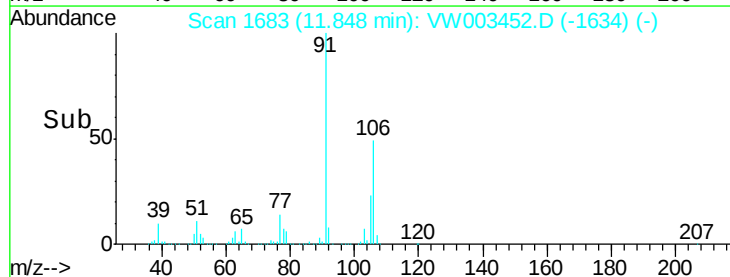
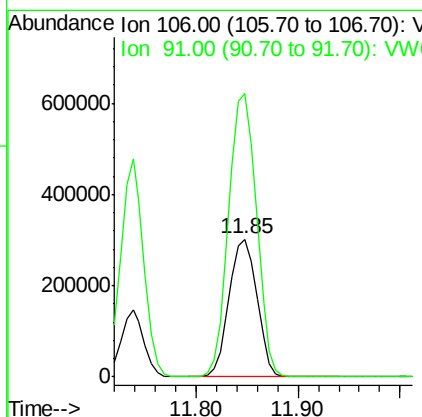
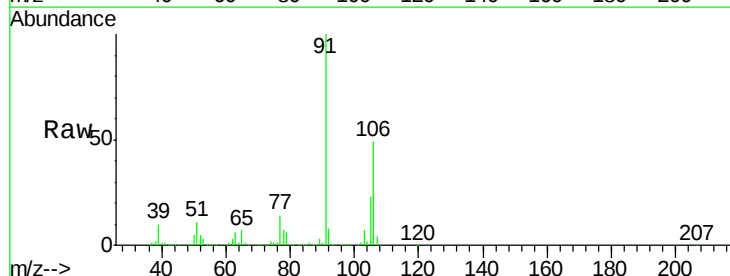
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

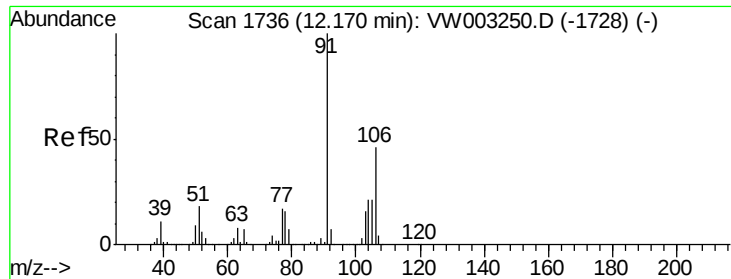
Tgt Ion: 91 Resp: 753806
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1



#68
m/p-Xylenes
Concen: 102.687 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 106 Resp: 571168
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.0

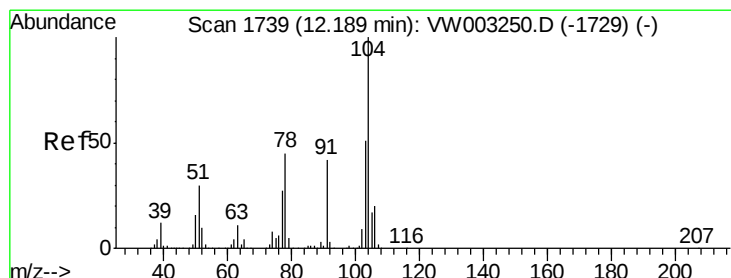
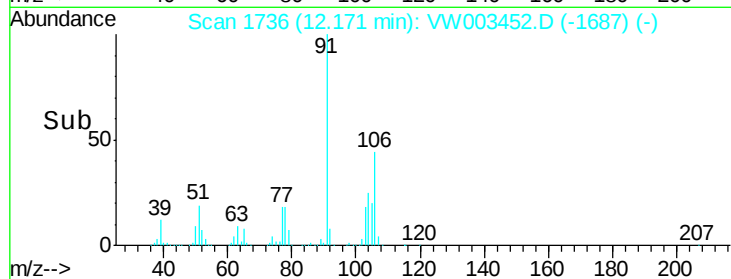
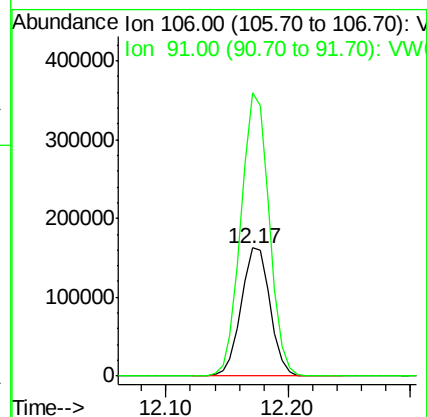
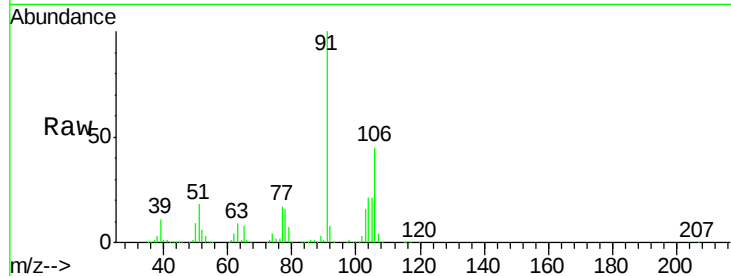




#69
o-Xylene
Concen: 51.386 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

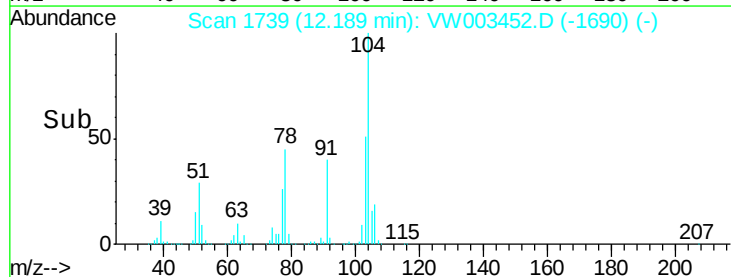
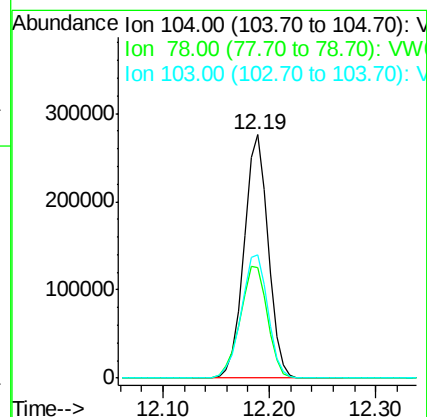
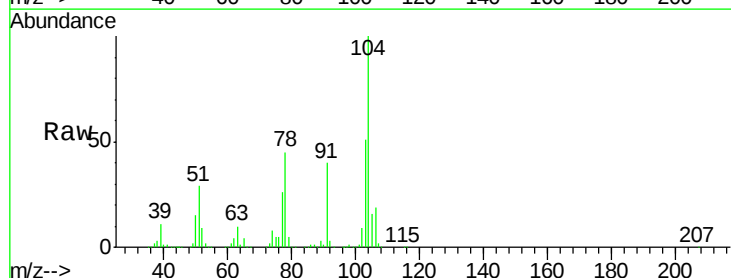
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 264892
Ion Ratio Lower Upper
106 100
91 216.2 108.6 325.6



#70
Styrene
Concen: 51.407 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:104 Resp: 441087
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 56.1 45.0 67.4

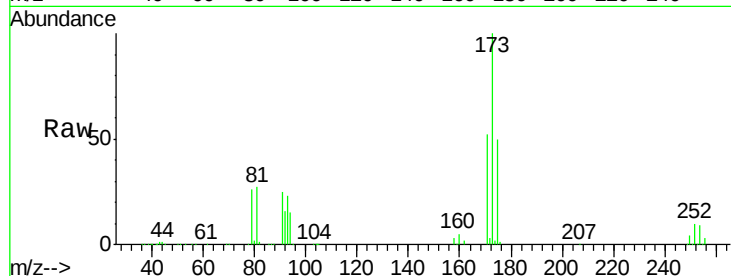




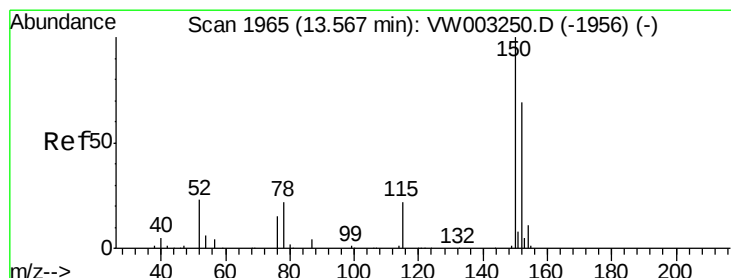
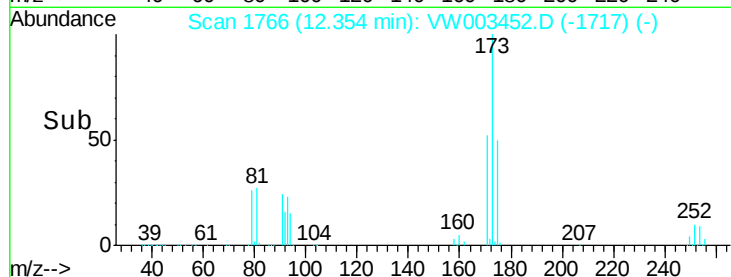
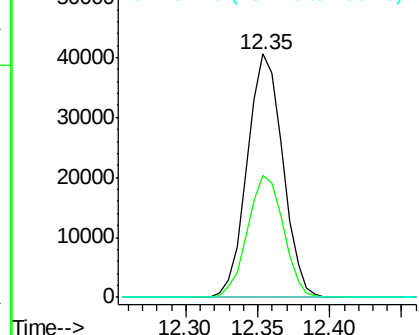
#71
Bromoform
Concen: 45.992 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 69144
Ion Ratio Lower Upper
173 100
175 50.6 24.4 73.4
254 0.2 0.1 0.1#

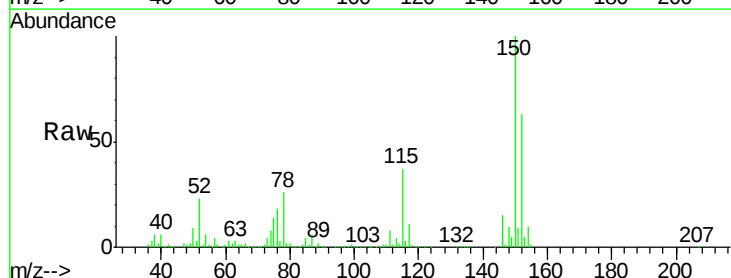


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

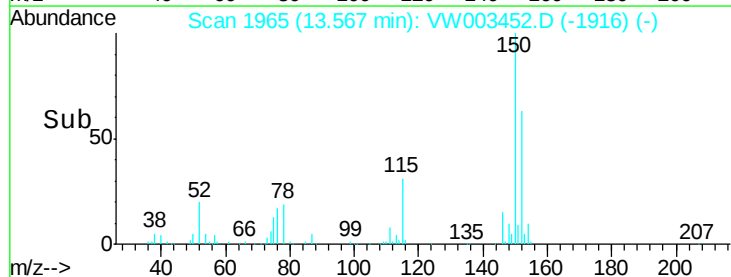
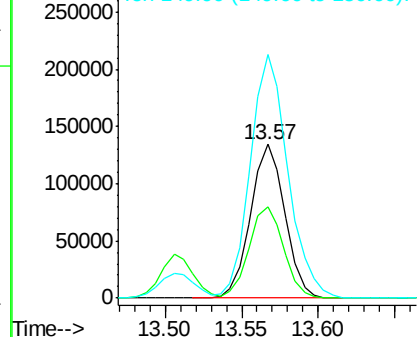


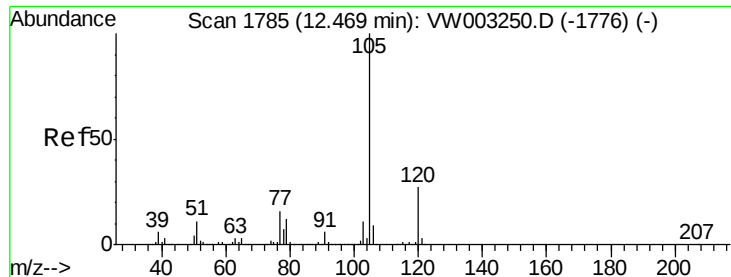
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:152 Resp: 209029
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 174.3 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: 51.918 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampled :

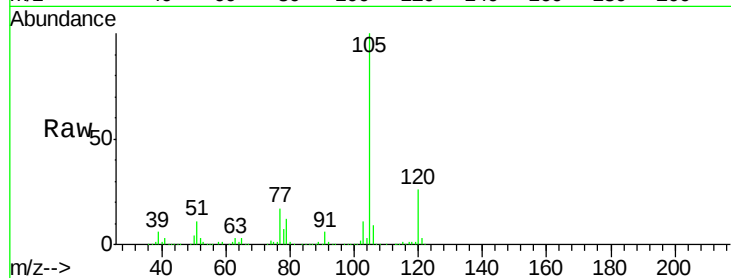
VSTDCCC050

Tgt Ion:105 Resp: 754824

Ion Ratio Lower Upper

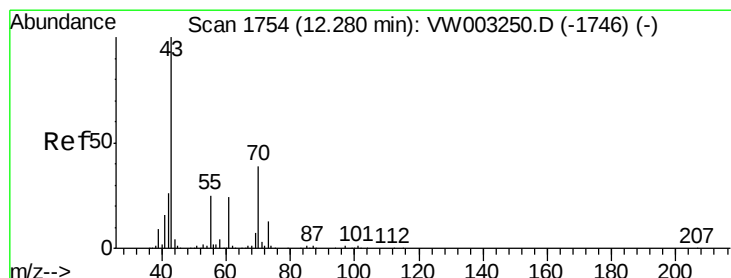
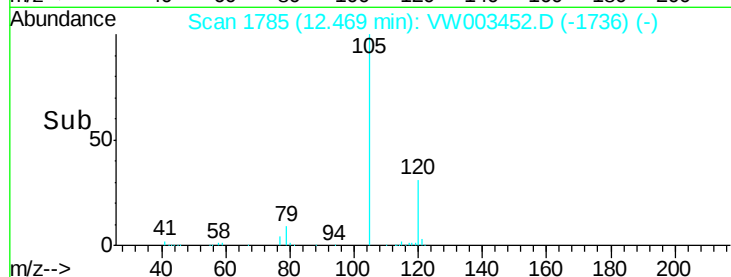
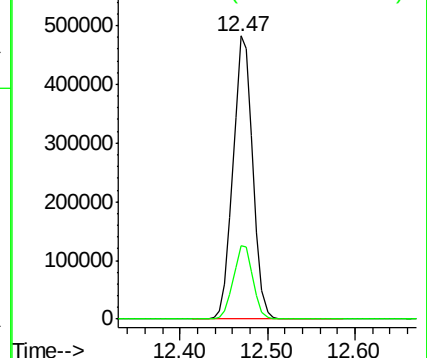
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.316 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion: 43 Resp: 146652

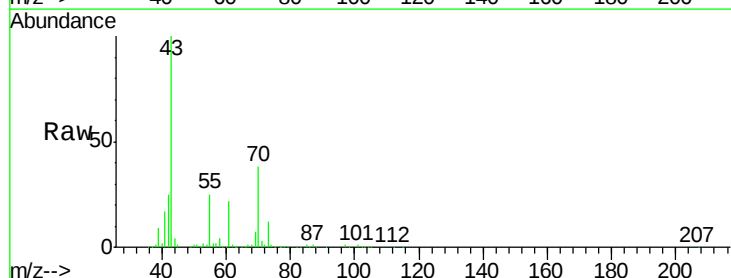
Ion Ratio Lower Upper

43 100

70 38.4 31.0 46.6

55 26.3 19.7 29.5

61 21.8 18.1 27.1

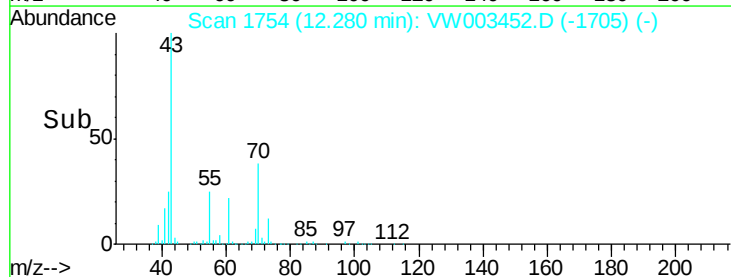
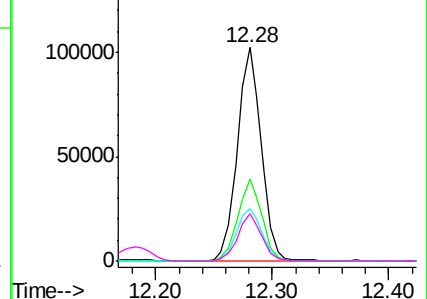


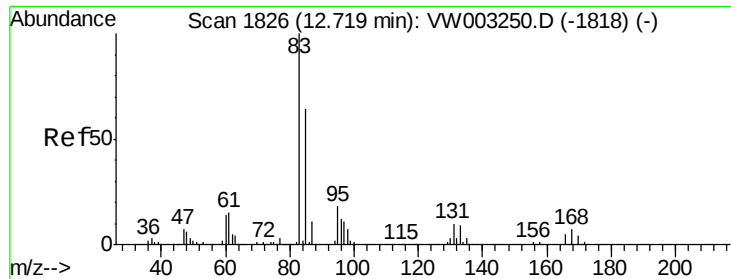
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 45.865 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

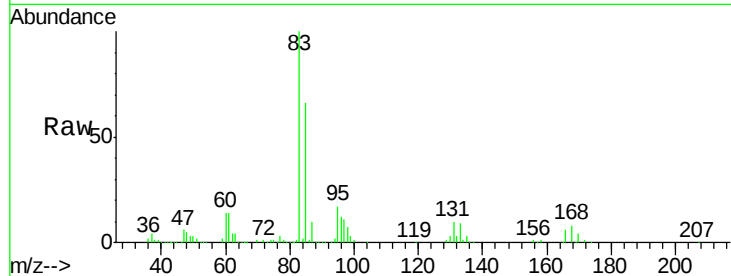
Tgt Ion: 83 Resp: 112812

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

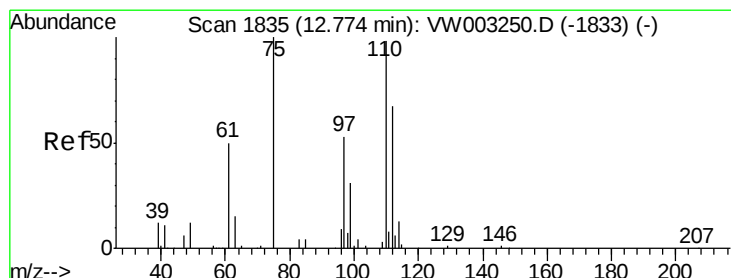
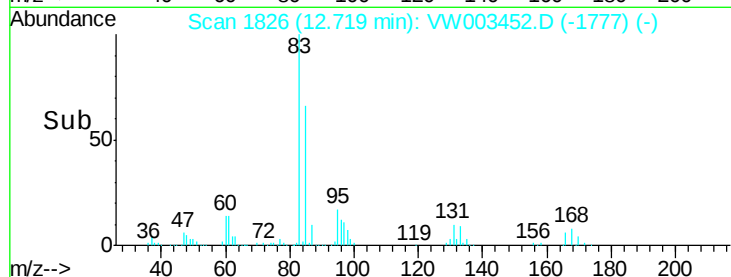
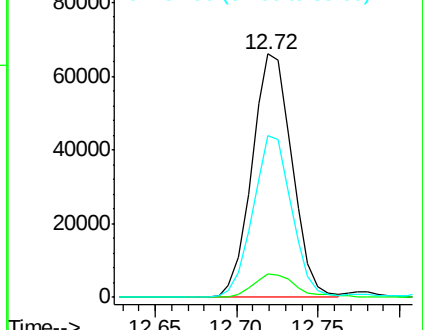
85 64.3 31.9 95.7



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: 87.562 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003452.D

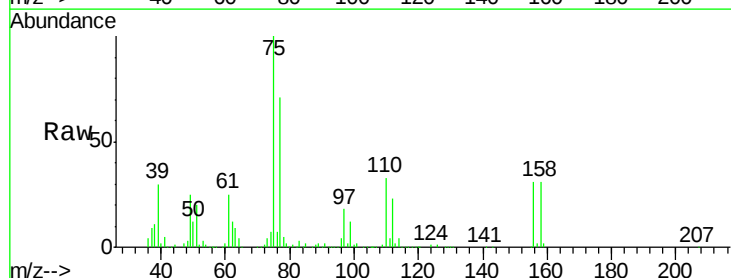
Acq: 23 Jun 2018 11:12

Tgt Ion: 75 Resp: 156469

Ion Ratio Lower Upper

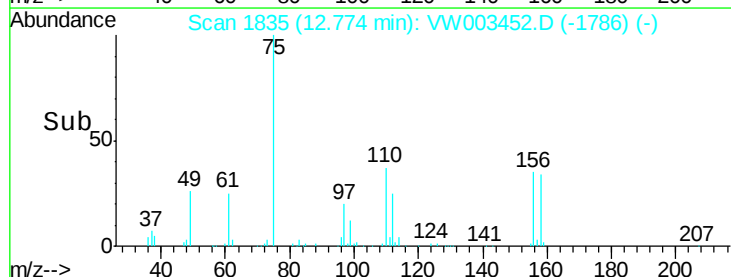
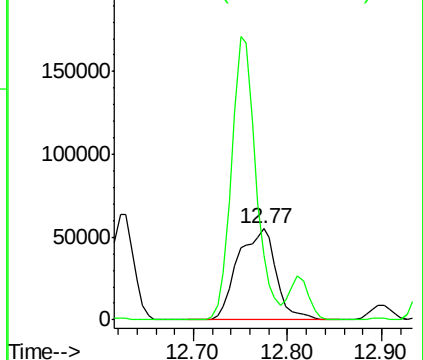
75 100

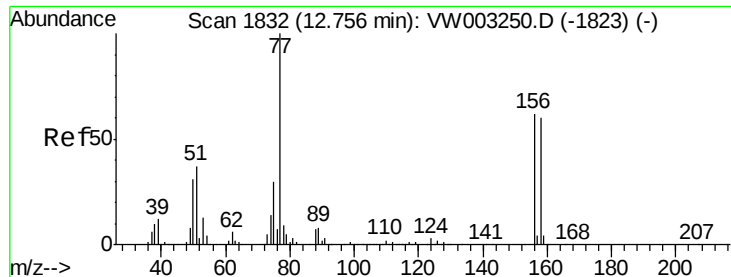
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.061 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

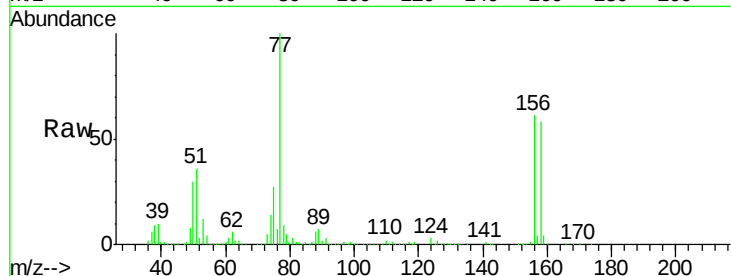
Tgt Ion:156 Resp: 166117

Ion Ratio Lower Upper

156 100

77 186.4 92.3 276.9

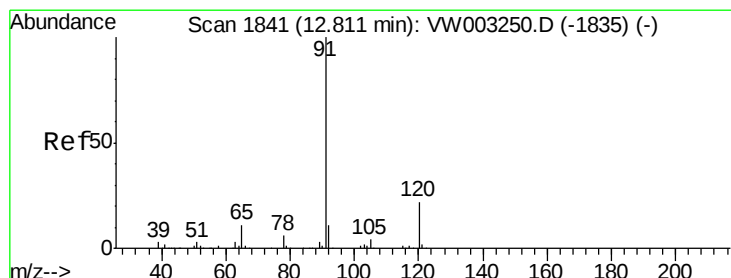
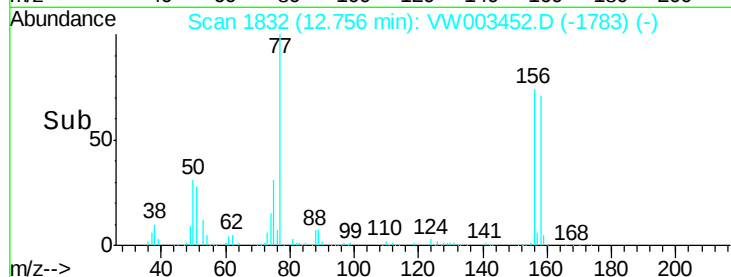
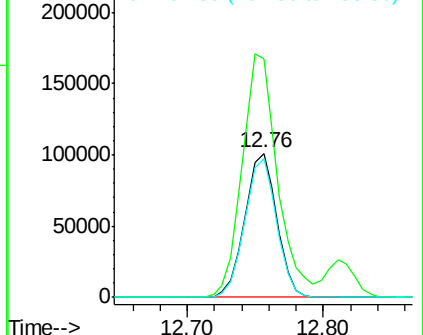
158 96.2 47.5 142.6



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: 52.782 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003452.D

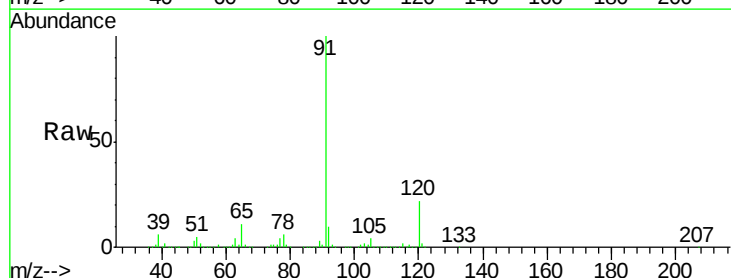
Acq: 23 Jun 2018 11:12

Tgt Ion: 91 Resp: 939654

Ion Ratio Lower Upper

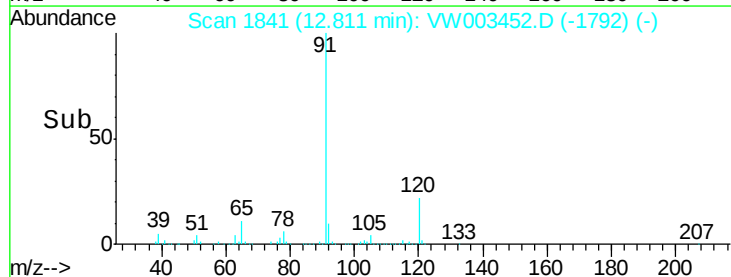
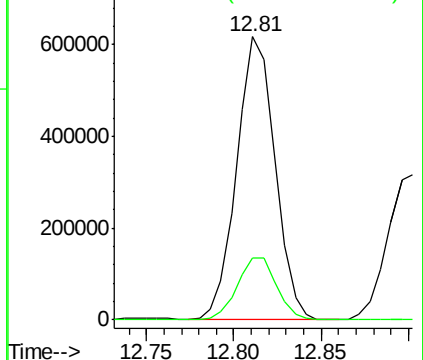
91 100

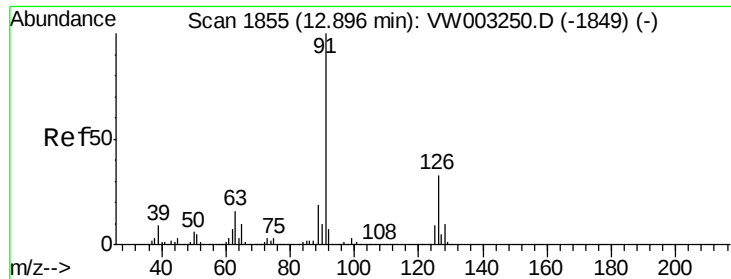
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.336 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

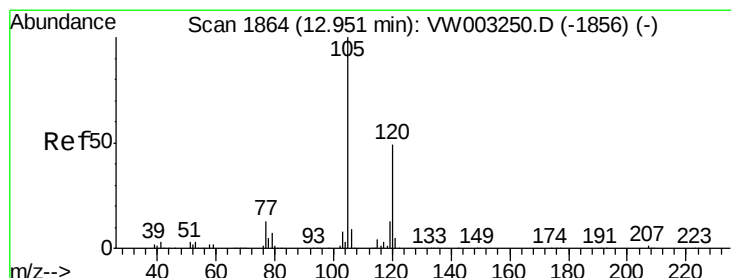
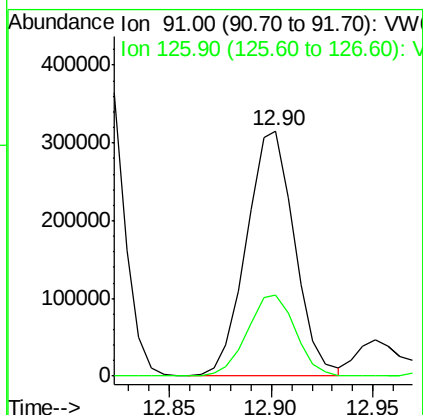
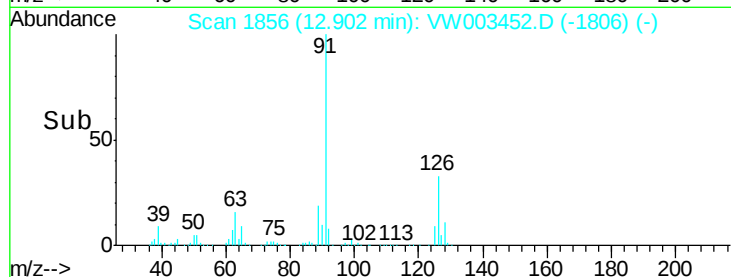
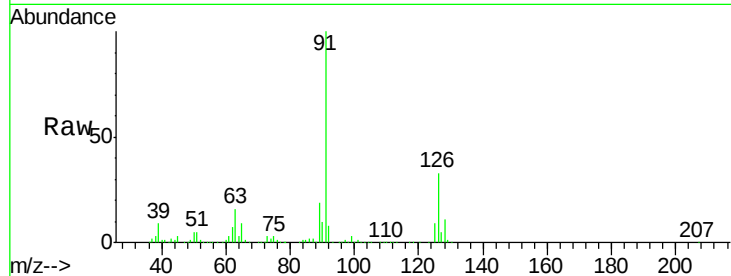
VSTDCCC050

Tgt Ion: 91 Resp: 516471

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 52.496 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003452.D

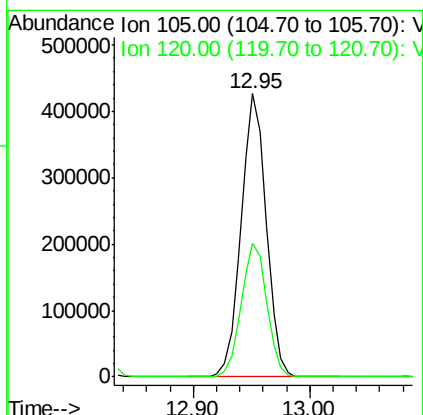
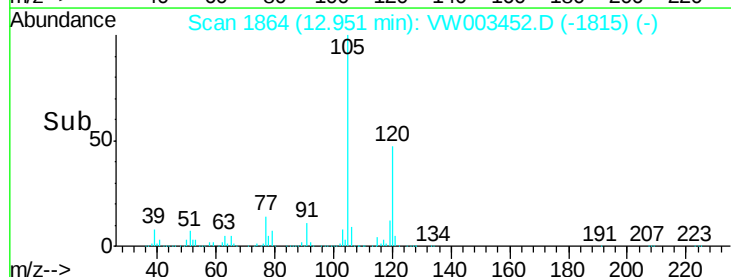
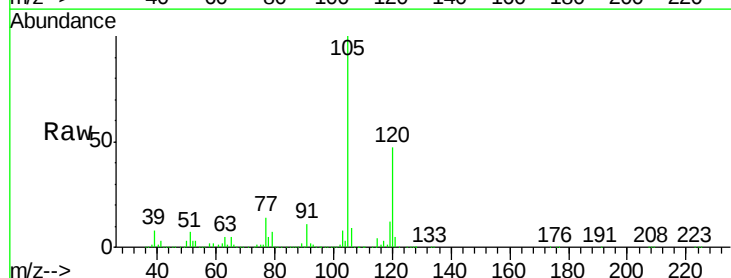
Acq: 23 Jun 2018 11:12

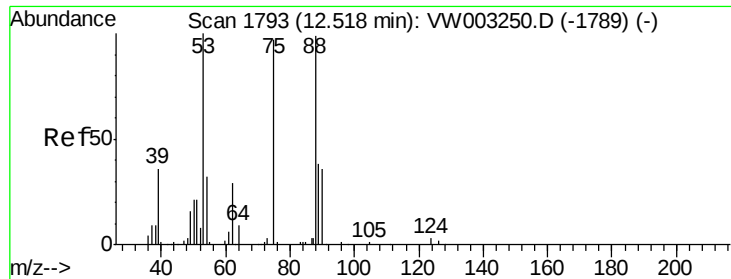
Tgt Ion: 105 Resp: 640640

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 44.961 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

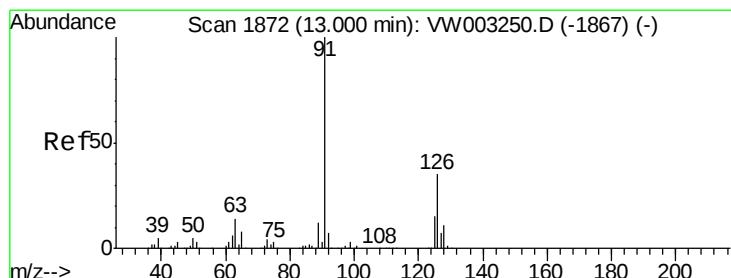
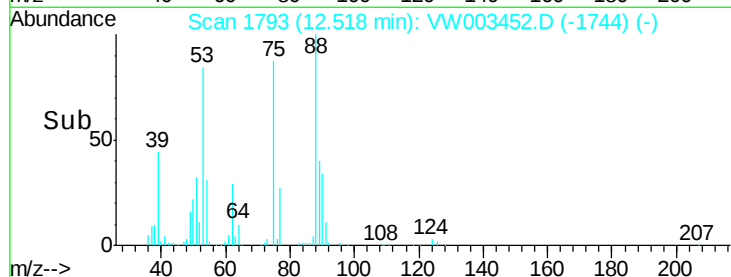
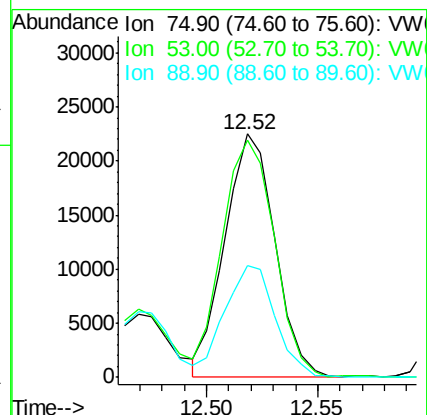
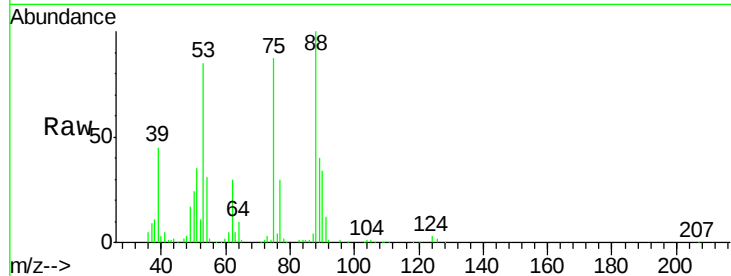
Tgt Ion: 75 Resp: 34916

Ion Ratio Lower Upper

75 100

53 101.8 82.9 124.3

89 47.0 36.7 55.1



#82

4-Chlorotoluene

Concen: 50.845 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW003452.D

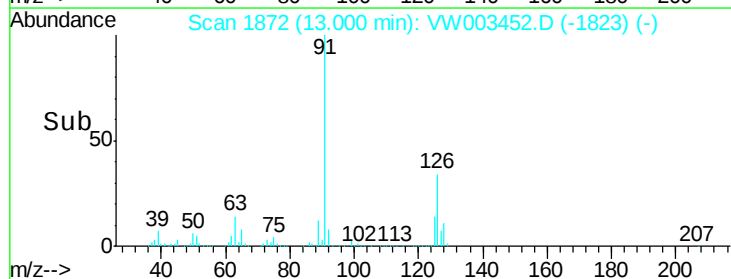
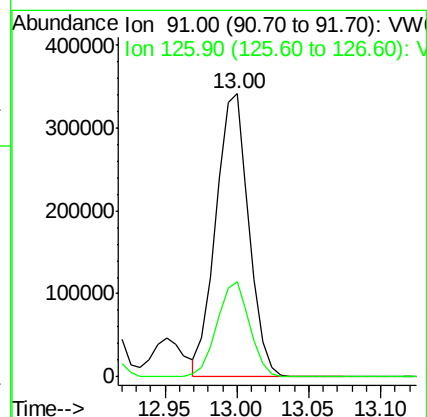
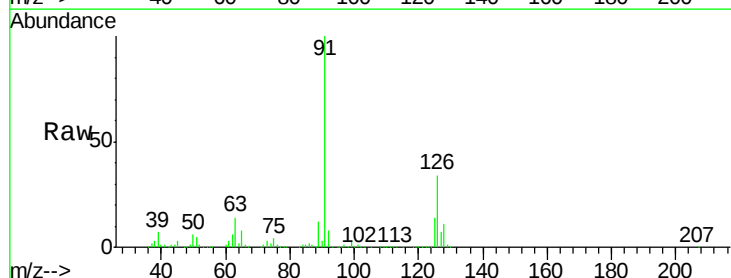
Acq: 23 Jun 2018 11:12

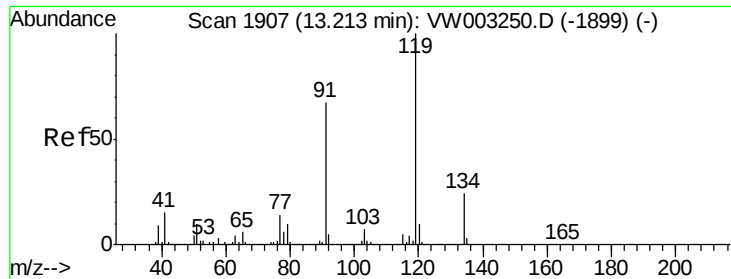
Tgt Ion: 91 Resp: 542647

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.3

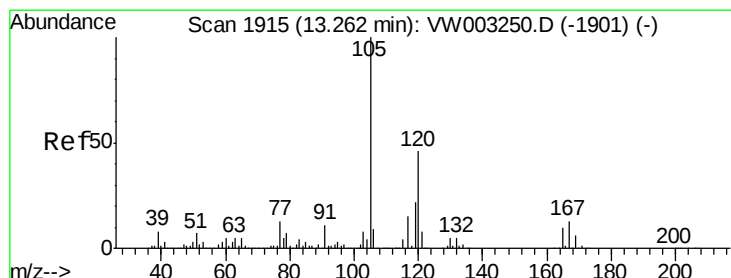
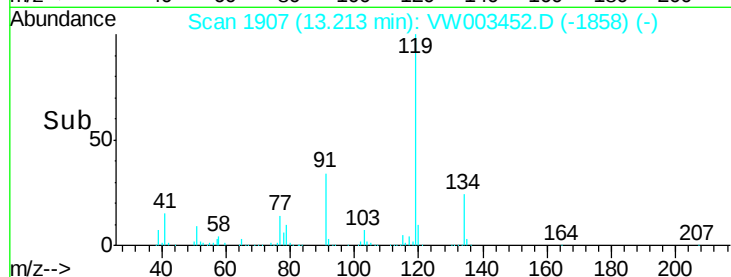
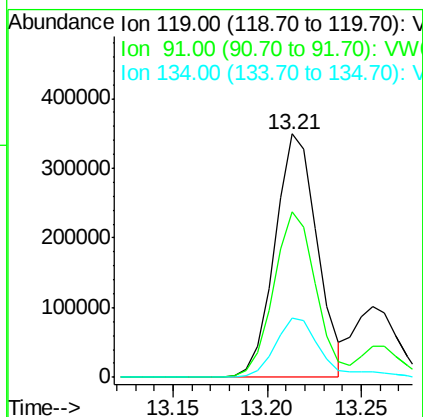
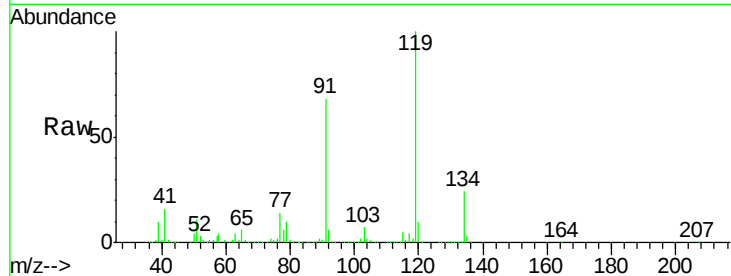




#83
 tert-Butylbenzene
 Concen: 52.329 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

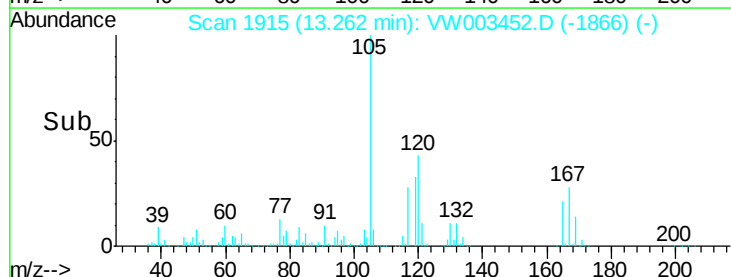
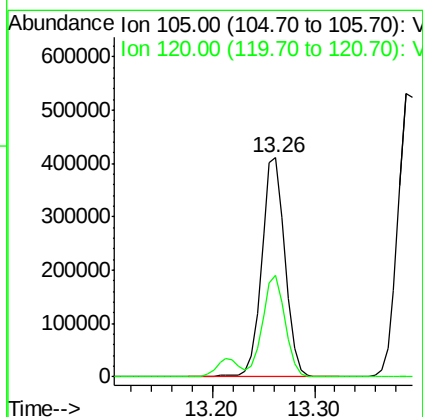
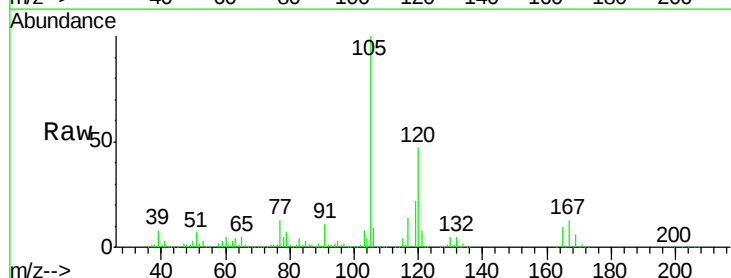
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

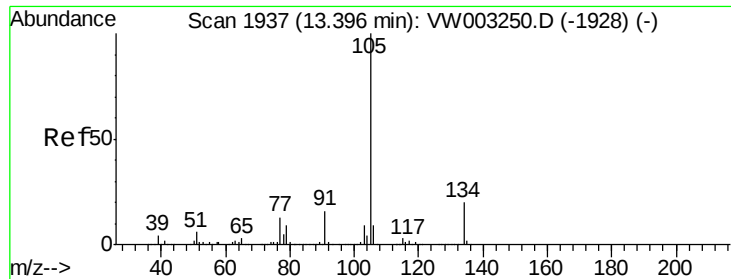
Tgt Ion:119 Resp: 544226
 Ion Ratio Lower Upper
 119 100
 91 68.2 33.9 101.7
 134 26.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.818 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion:105 Resp: 650484
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5

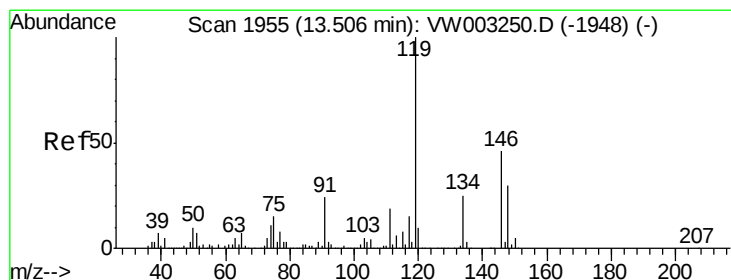
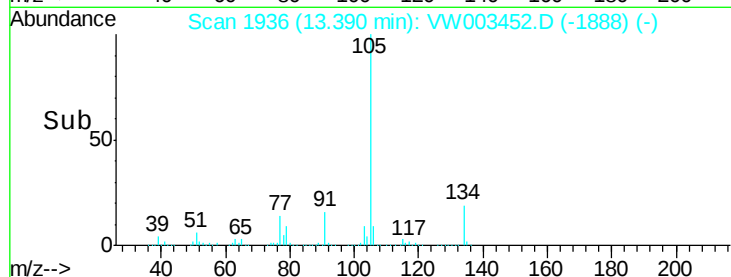
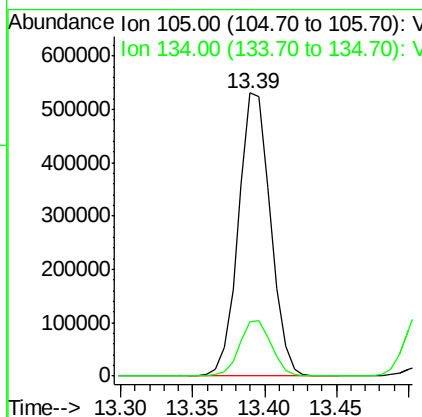
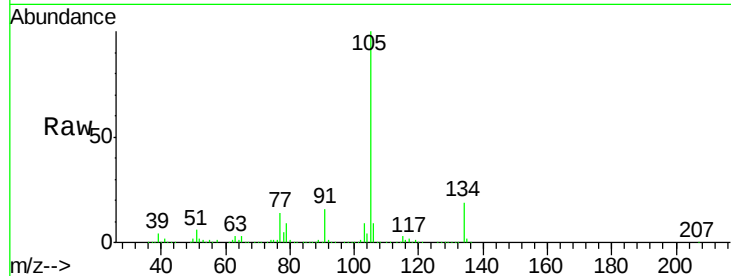




#85
 sec-Butylbenzene
 Concen: 52.907 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

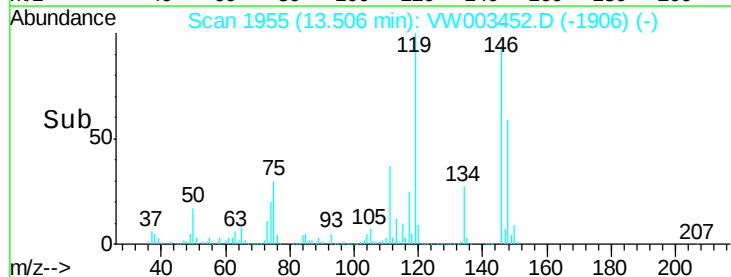
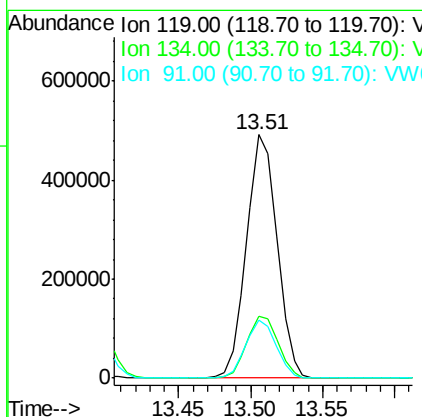
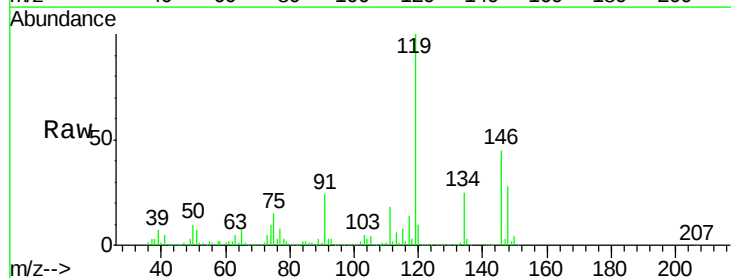
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

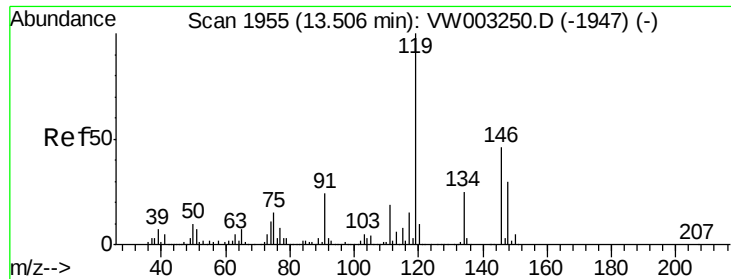
Tgt Ion:105 Resp: 817877
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 52.842 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion:119 Resp: 720474
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 23.8 11.8 35.3

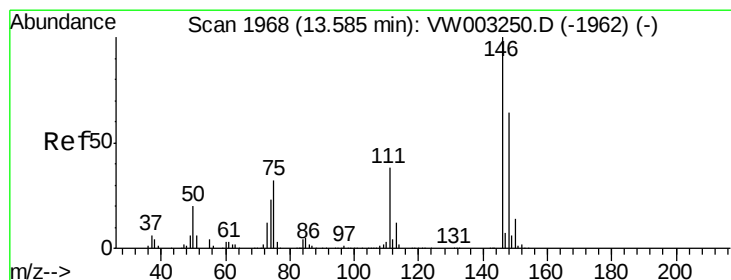
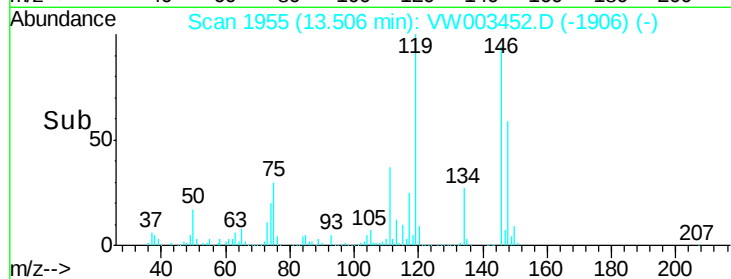
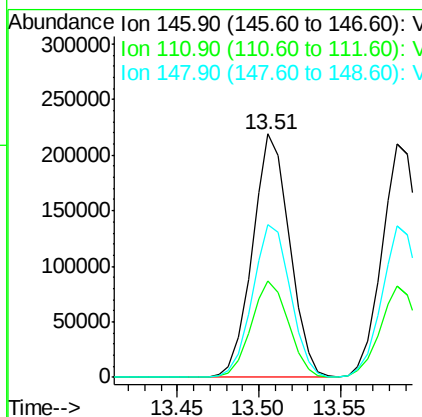
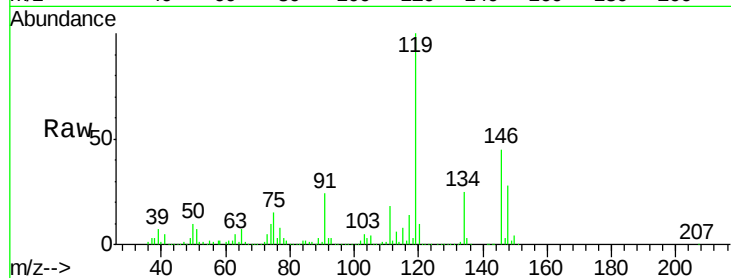




#87
 1,3-Dichlorobenzene
 Concen: 49.720 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

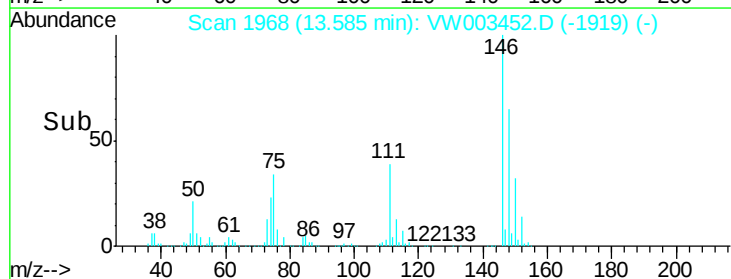
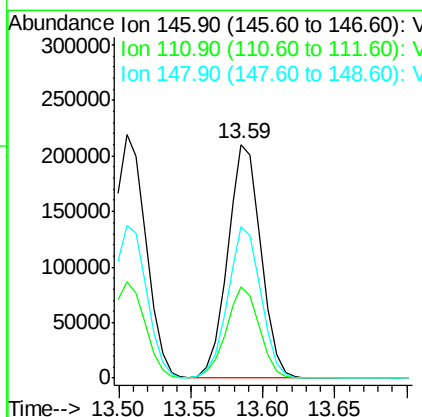
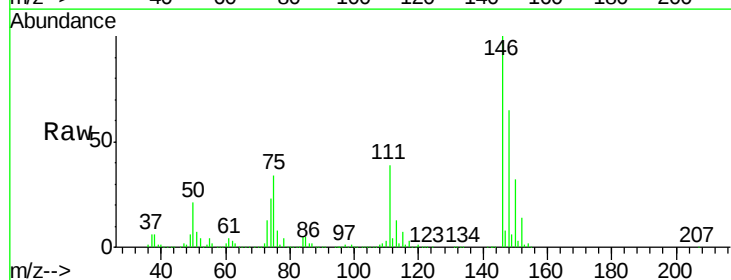
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

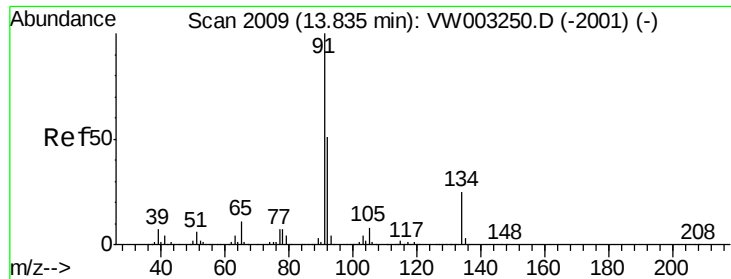
Tgt Ion:146 Resp: 345837
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.4
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.829 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion:146 Resp: 337651
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.2 57.6
 148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 53.491 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

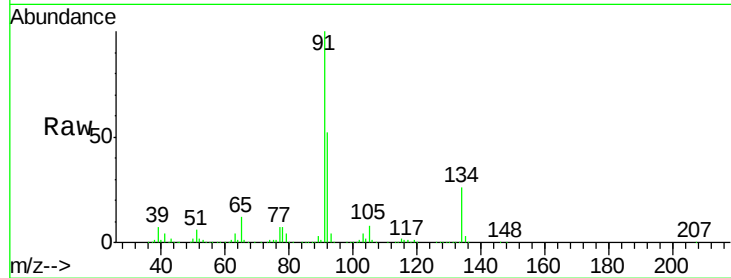
Tgt Ion: 91 Resp: 710910

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

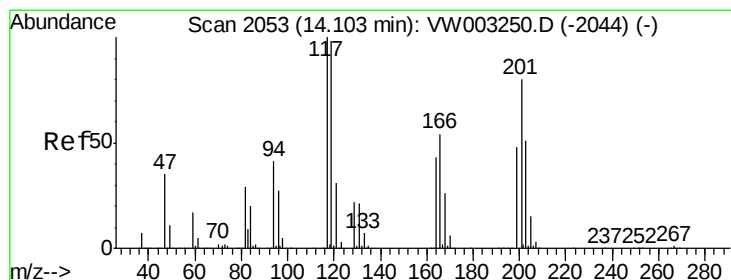
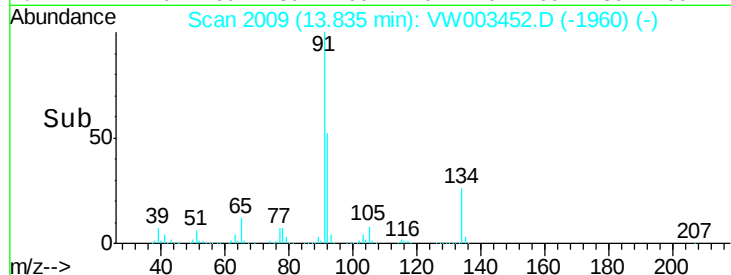
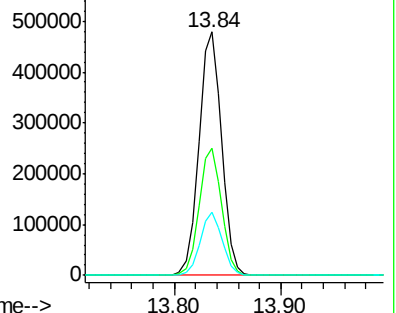
134 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.292 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003452.D

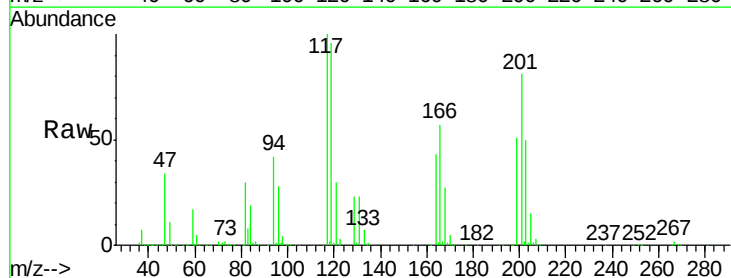
Acq: 23 Jun 2018 11:12

Tgt Ion: 117 Resp: 126509

Ion Ratio Lower Upper

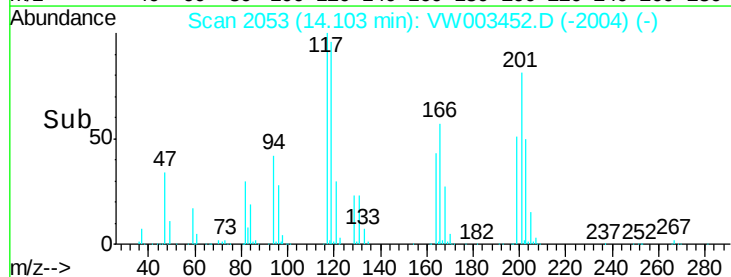
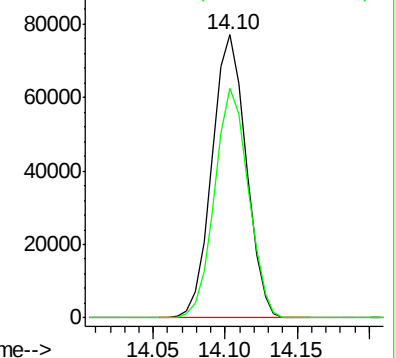
117 100

201 80.3 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

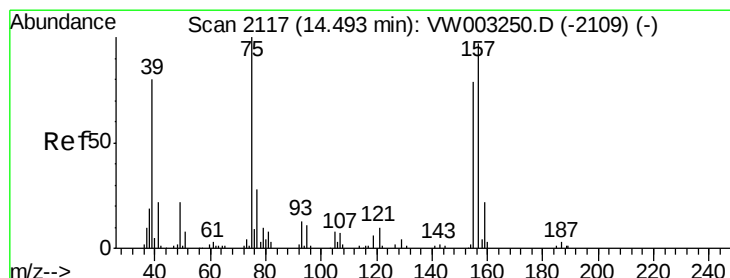
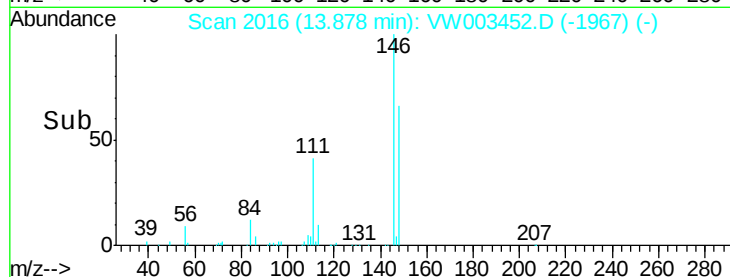
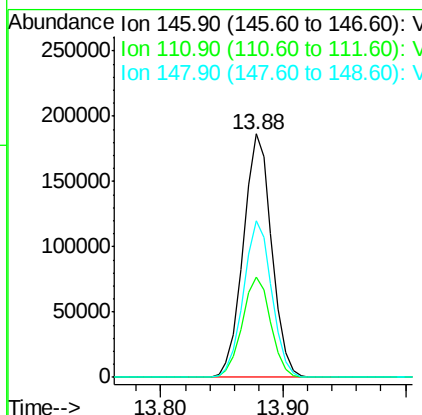
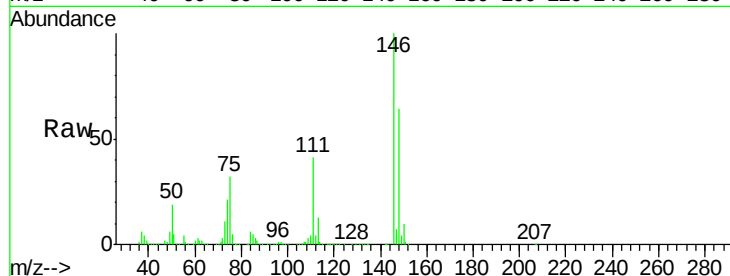




#91
 1,2-Dichlorobenzene
 Concen: 49.160 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

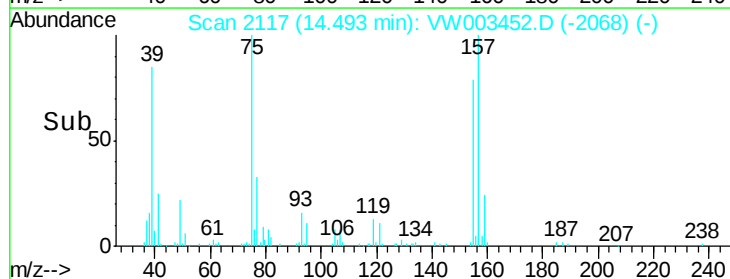
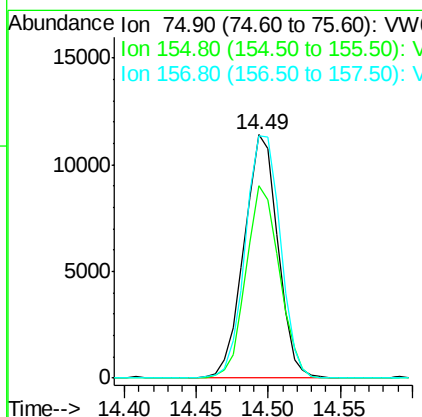
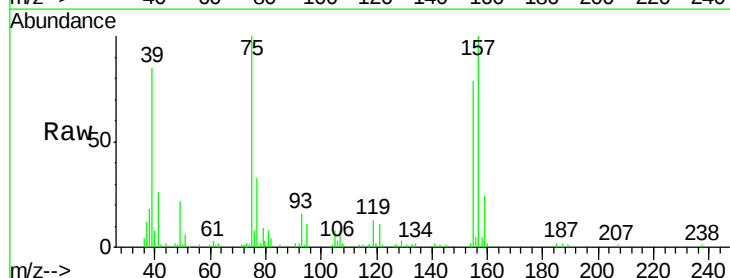
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

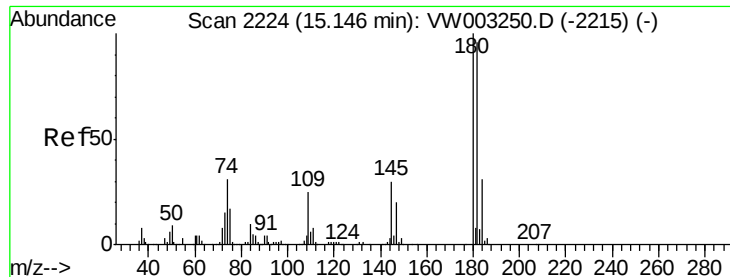
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	61.0
148	64.0	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.718 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	39.4	118.2
157	102.9	51.5	154.5

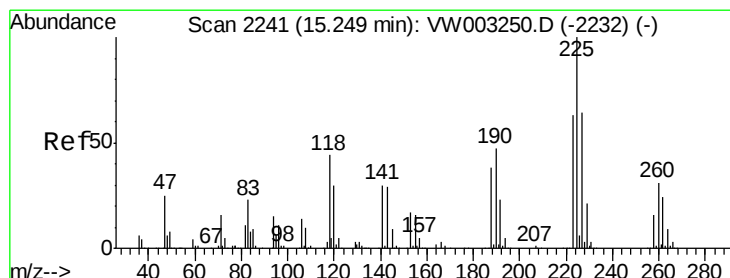
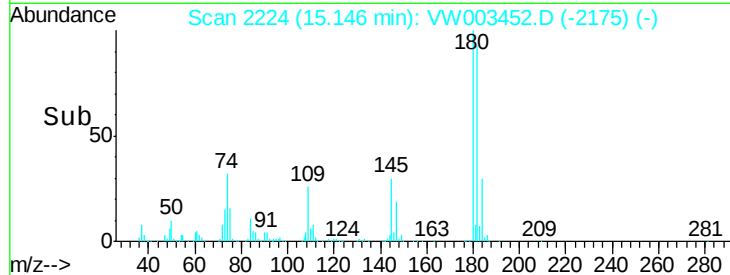
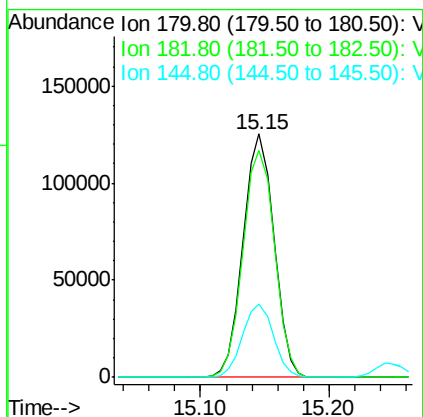
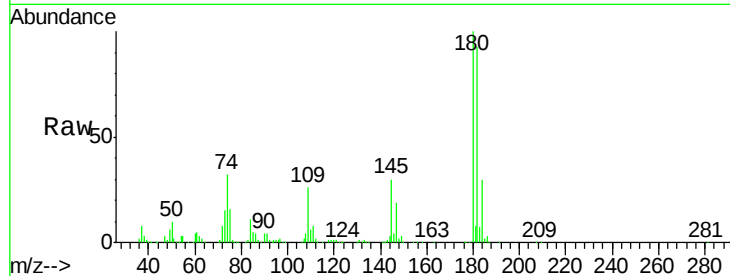




#93
 1,2,4-Trichlorobenzene
 Concen: 48.566 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

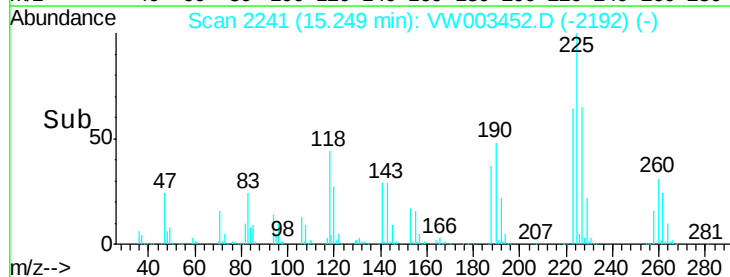
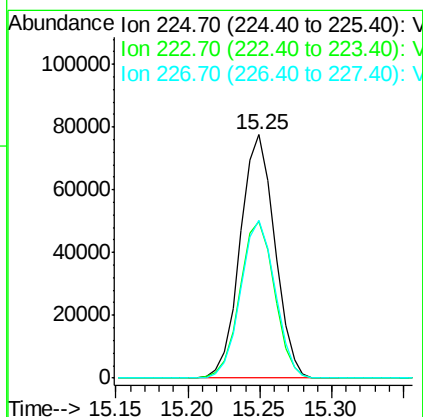
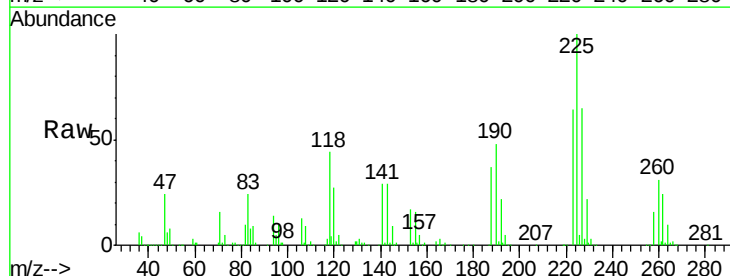
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

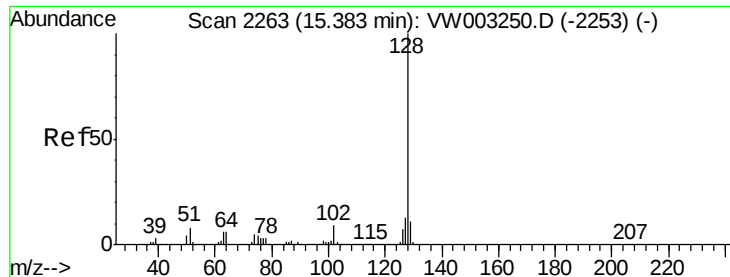
Tgt Ion:180 Resp: 207734
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.6
 145 30.1 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 50.166 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion:225 Resp: 129074
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.6 92.0
 227 64.3 31.7 95.1

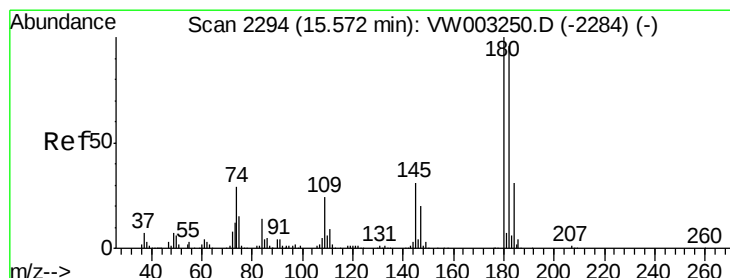
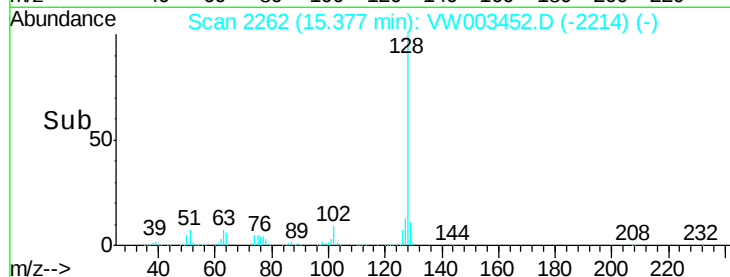
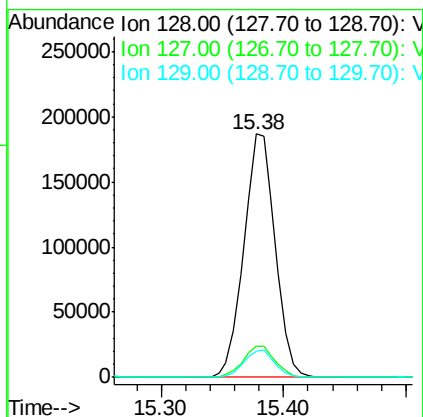
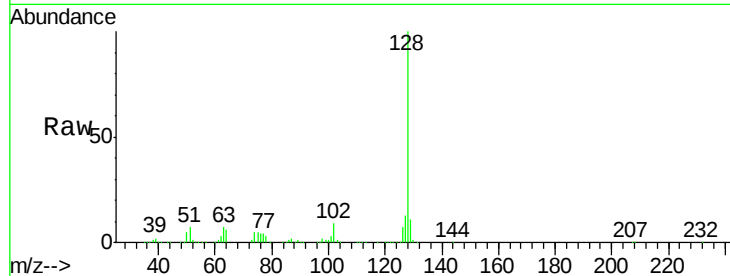




#95
Naphthalene
Concen: 45.778 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 332149
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.181 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:180 Resp: 177636
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 31.1 15.8 47.4

