

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003528.D
 Acq On : 25 Jun 2018 00:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 01:55:29 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	216870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	335999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	142167	60.52	ug/l	0.00
Spiked Amount			Recovery	=	121.04%	
35) Dibromofluoromethane	7.88	113	122884	55.11	ug/l	0.00
Spiked Amount			Recovery	=	110.22%	
50) Toluene-d8	10.33	98	485248	54.88	ug/l	0.00
Spiked Amount			Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.62	95	179120	57.24	ug/l	0.00
Spiked Amount			Recovery	=	114.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	36162	55.154	ug/l	90
3) Chloromethane	2.21	50	77390	46.717	ug/l	95
4) Vinyl Chloride	2.36	62	107785	44.633	ug/l	99
5) Bromomethane	2.78	94	71503	44.547	ug/l	99
6) Chloroethane	2.92	64	73543	43.750	ug/l	97
7) Trichlorofluoromethane	3.25	101	62300	43.062	ug/l	91
8) Diethyl Ether	3.68	74	55504	52.225	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93885	46.733	ug/l	99
10) Methyl Iodide	4.26	142	151180	49.759	ug/l	100
11) Tert butyl alcohol	5.25	59	37247	295.656	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	92690	47.214	ug/l	98
13) Acrolein	3.90	56	23815	132.218	ug/l	95
14) Allyl chloride	4.66	41	168239	49.473	ug/l	99
15) Acrylonitrile	5.38	53	125944	288.027	ug/l	100
16) Acetone	4.15	43	114016	231.428	ug/l	99
17) Carbon Disulfide	4.37	76	262055	45.151	ug/l	99
18) Methyl Acetate	4.68	43	67490	57.746	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	205924	56.003	ug/l	98
20) Methylene Chloride	4.91	84	108865	52.179	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	105768	49.503	ug/l	97
22) Diisopropyl ether	6.32	45	378387	55.287	ug/l	99
23) Vinyl Acetate	6.26	43	1087887	275.835	ug/l	99
24) 1,1-Dichloroethane	6.21	63	211031	51.940	ug/l	98
25) 2-Butanone	7.18	43	168358	274.819	ug/l	99
26) 2,2-Dichloropropane	7.17	77	115352	42.540	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	123103	52.448	ug/l	99
28) Bromochloromethane	7.51	49	100411	59.388	ug/l	97
29) Tetrahydrofuran	7.54	42	109199	291.657	ug/l	99
30) Chloroform	7.68	83	218735	52.843	ug/l	98
31) Cyclohexane	7.95	56	169470	44.647	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	167524	49.031	ug/l	99
36) 1,1-Dichloropropene	8.09	75	160461	46.298	ug/l	100
37) Ethyl Acetate	7.26	43	78514	54.683	ug/l	99
38) Carbon Tetrachloride	8.07	117	153845	45.253	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003528.D
 Acq On : 25 Jun 2018 00:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 01:55:29 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)
39) Methylcyclohexane	9.34	83	179555	44.774	ug/l	98
40) Benzene	8.32	78	469330	49.127	ug/l	99
41) Methacrylonitrile	7.49	41	48206	54.712	ug/l	99
42) 1,2-Dichloroethane	8.40	62	153358	51.237	ug/l	99
43) Isopropyl Acetate	8.43	43	150424	52.762	ug/l	99
44) Trichloroethene	9.09	130	121345	47.936	ug/l	99
45) 1,2-Dichloropropane	9.37	63	123040	50.583	ug/l	99
46) Dibromomethane	9.46	93	64553	51.835	ug/l	97
47) Bromodichloromethane	9.65	83	161613	50.628	ug/l	99
48) Methyl methacrylate	9.44	41	74705	55.757	ug/l	97
49) 1,4-Dioxane	9.49	88	21882	1163.734	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	404321	278.318	ug/l	99
52) Toluene	10.39	92	298336	48.699	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	163073	50.010	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	183483	49.438	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90698	51.684	ug/l	98
56) Ethyl methacrylate	10.65	69	117451	55.116	ug/l	98
57) 1,3-Dichloropropane	10.94	76	160484	53.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	255658	267.628	ug/l	98
59) 2-Hexanone	10.98	43	279332	275.242	ug/l	100
60) Dibromochloromethane	11.13	129	108044	51.772	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86589	52.164	ug/l	100
64) Tetrachloroethene	10.87	164	108239	48.163	ug/l	98
65) Chlorobenzene	11.66	112	332015	47.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	119530	48.612	ug/l	99
67) Ethyl Benzene	11.74	91	593966	47.889	ug/l	100
68) m/p-Xylenes	11.85	106	451401	95.741	ug/l	99
69) o-Xylene	12.17	106	215658	49.355	ug/l	99
70) Styrene	12.19	104	368445	50.659	ug/l	99
71) Bromoform	12.35	173	64488	50.605	ug/l #	99
73) Isopropylbenzene	12.47	105	590226	47.139	ug/l	100
74) N-amyl acetate	12.28	43	150160	52.689	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	109793	51.831	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	146357	95.103	ug/l #	100
77) Bromobenzene	12.76	156	140575	48.208	ug/l	97
78) n-propylbenzene	12.81	91	724246	47.239	ug/l	100
79) 2-Chlorotoluene	12.90	91	414763	47.871	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	505538	48.102	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32308	48.308	ug/l	96
82) 4-Chlorotoluene	13.00	91	436939	47.539	ug/l	100
83) tert-Butylbenzene	13.21	119	424720	47.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	525119	48.573	ug/l	99
85) sec-Butylbenzene	13.39	105	620710	46.624	ug/l	100
86) p-Isopropyltoluene	13.51	119	553214	47.114	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	283728	47.364	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	279146	46.874	ug/l	99
89) n-Butylbenzene	13.84	91	534037	46.658	ug/l	99
90) Hexachloroethane	14.10	117	99401	46.796	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	254348	48.472	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18579	52.119	ug/l	98

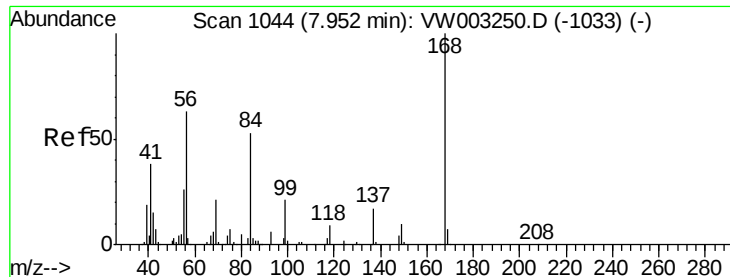
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
Data File : VW003528.D
Acq On : 25 Jun 2018 00:07
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jun 25 01:55:29 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.15	180	176008	47.781	ug/l	99
94) Hexachlorobutadiene	15.25	225	98765	44.572	ug/l	97
95) Naphthalene	15.38	128	334109	53.469	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	158421	48.859	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

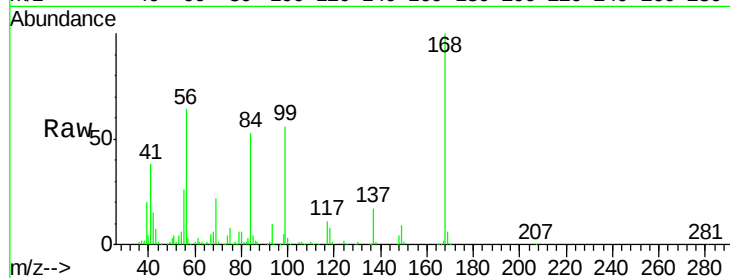
VSTDCCC050

Tgt Ion:168 Resp: 216870

Ion Ratio Lower Upper

168 100

99 56.2 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

100000

80000

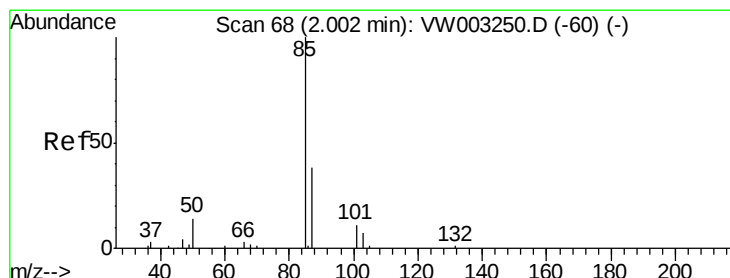
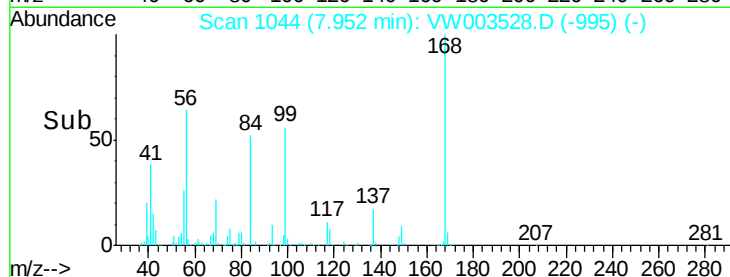
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.154 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003528.D

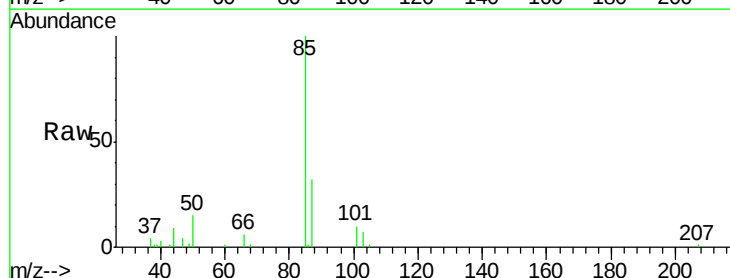
Acq: 25 Jun 2018 00:07

Tgt Ion: 85 Resp: 36162

Ion Ratio Lower Upper

85 100

87 31.7 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

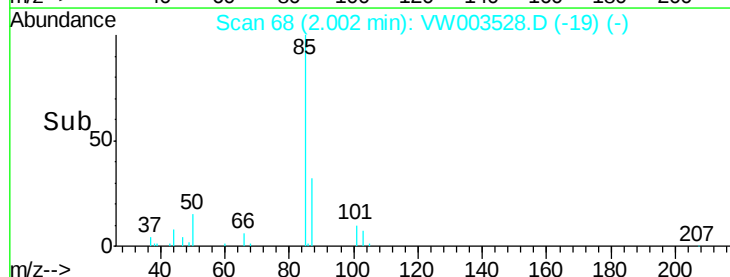
2.00

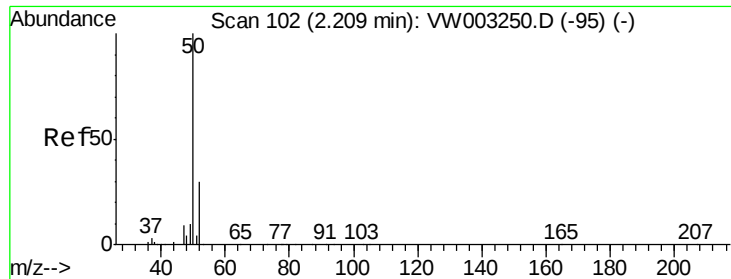
10000

5000

0

Time-->





#3

Chloromethane

Concen: 46.717 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

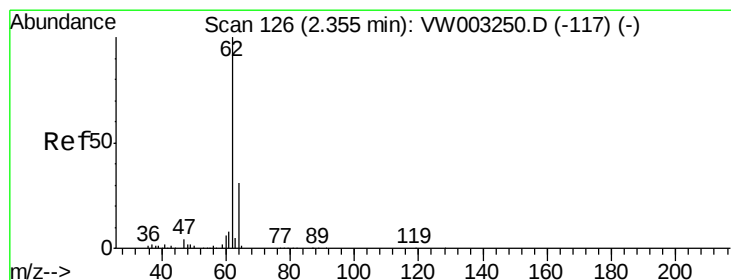
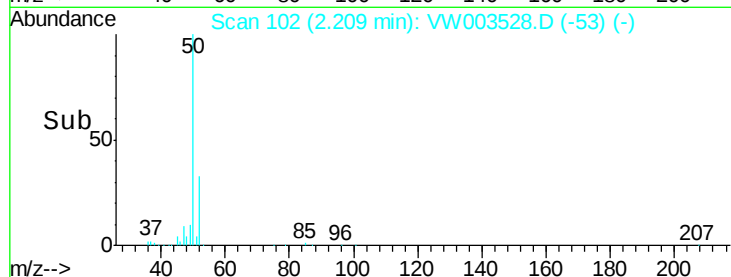
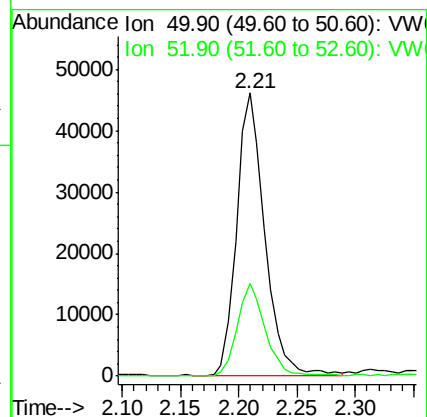
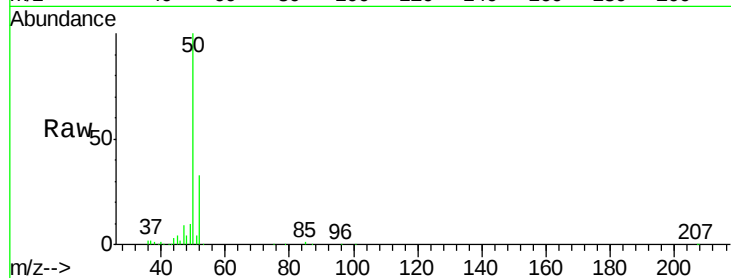
VSTDCCC050

Tgt Ion: 50 Resp: 77390

Ion Ratio Lower Upper

50 100

52 32.8 24.2 36.2



#4

Vinyl Chloride

Concen: 44.633 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003528.D

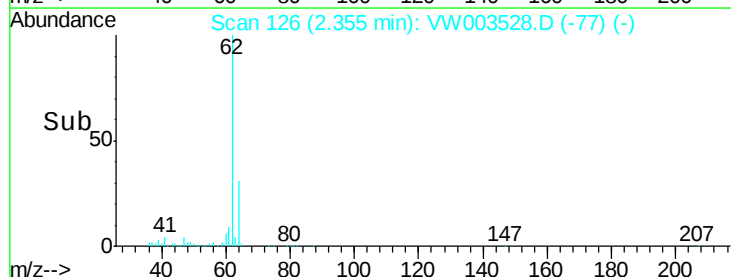
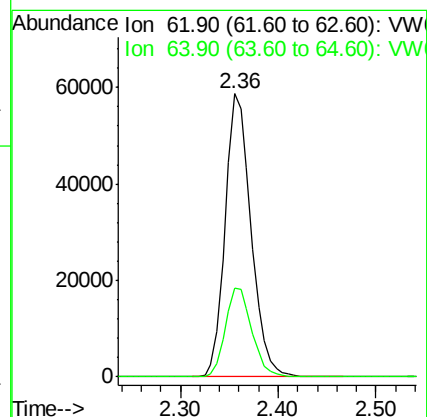
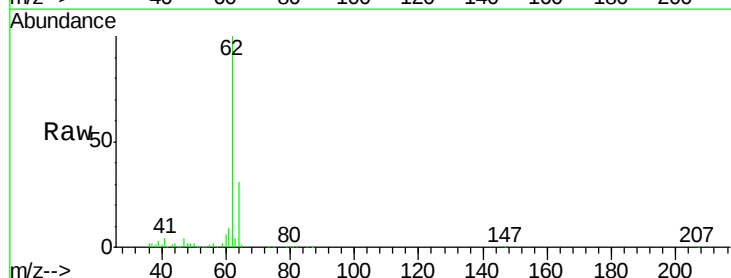
Acq: 25 Jun 2018 00:07

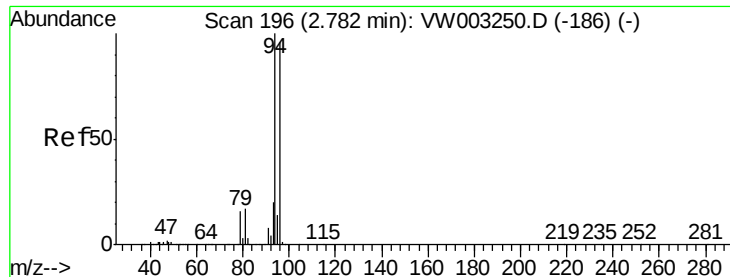
Tgt Ion: 62 Resp: 107785

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3





#5

Bromomethane

Concen: 44.547 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

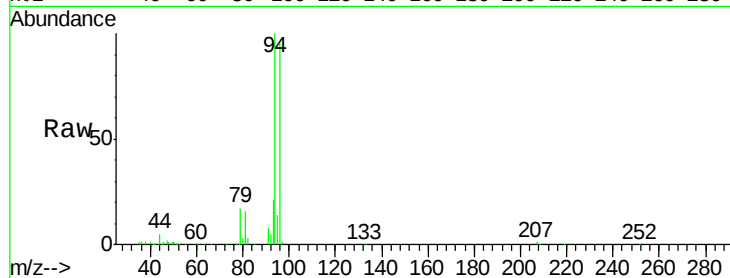
VSTDCCC050

Tgt Ion: 94 Resp: 71503

Ion Ratio Lower Upper

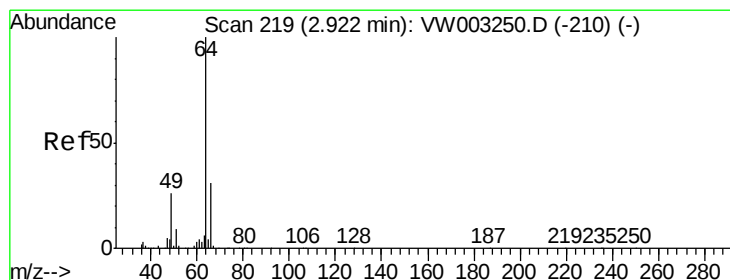
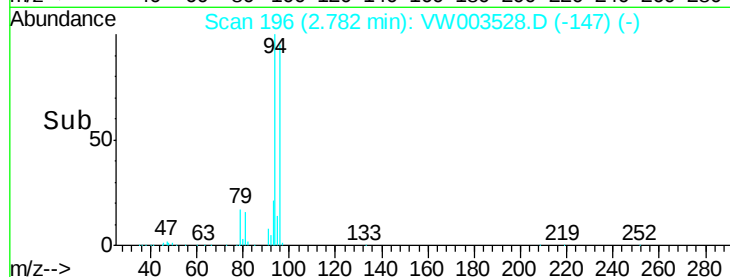
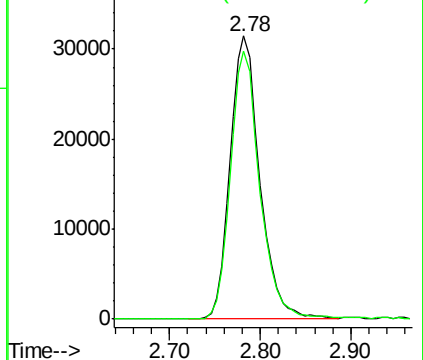
94 100

96 94.8 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 43.750 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003528.D

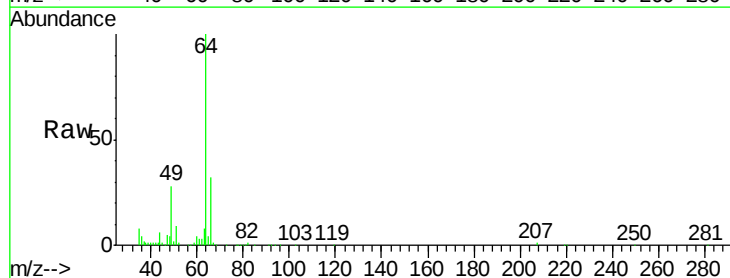
Acq: 25 Jun 2018 00:07

Tgt Ion: 64 Resp: 73543

Ion Ratio Lower Upper

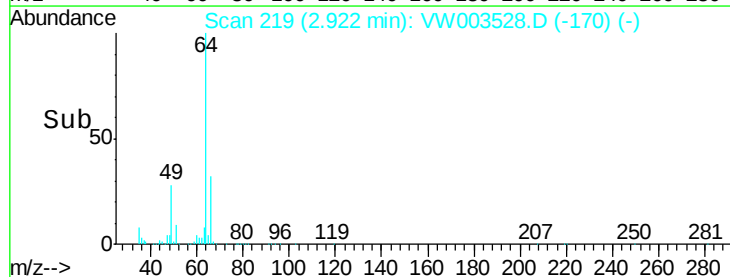
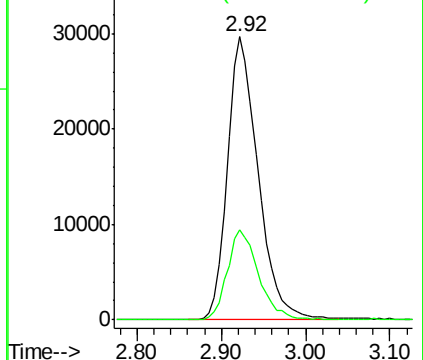
64 100

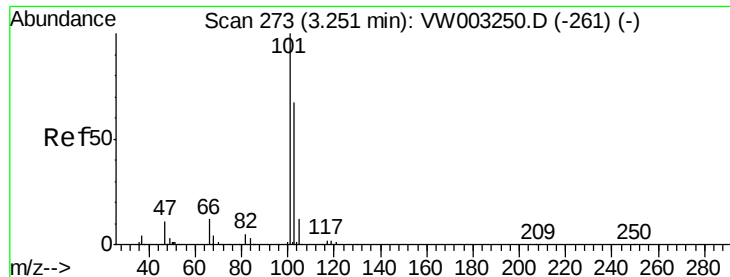
66 32.0 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



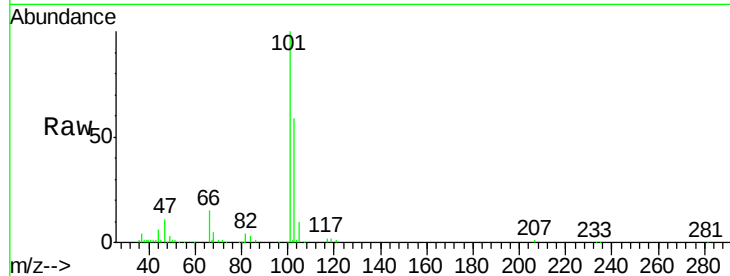


#7

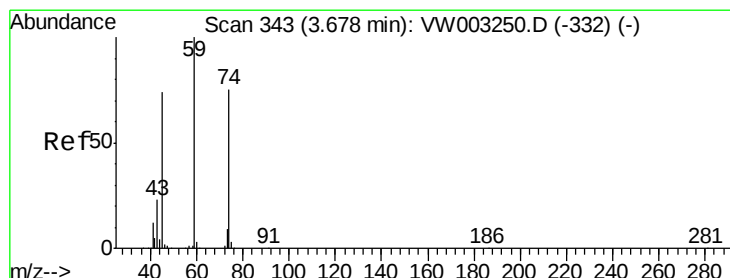
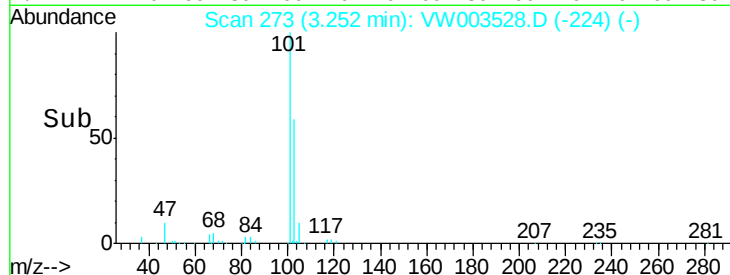
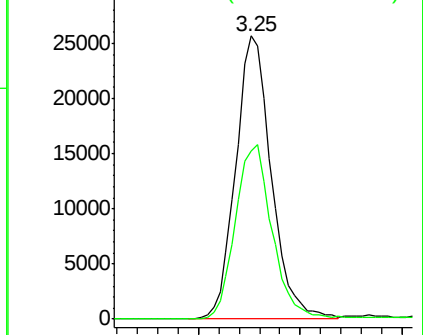
Trichlorofluoromethane
Concen: 43.062 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 62300
Ion Ratio Lower Upper
101 100
103 59.2 53.4 80.0



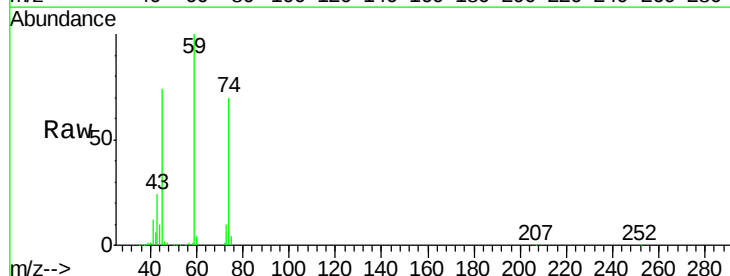
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



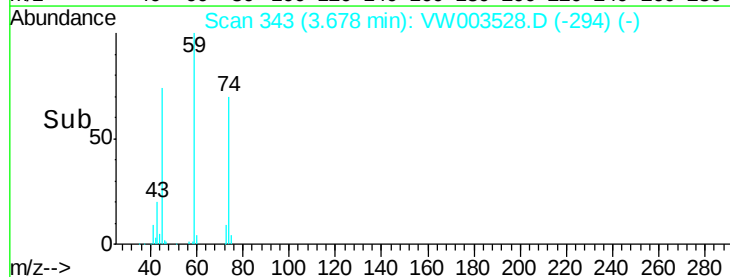
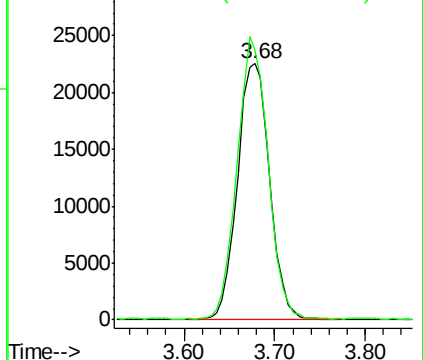
#8

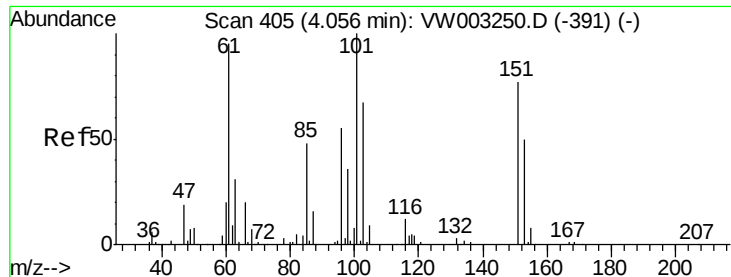
Diethyl Ether
Concen: 52.225 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 74 Resp: 55504
Ion Ratio Lower Upper
74 100
45 105.4 51.4 154.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.733 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

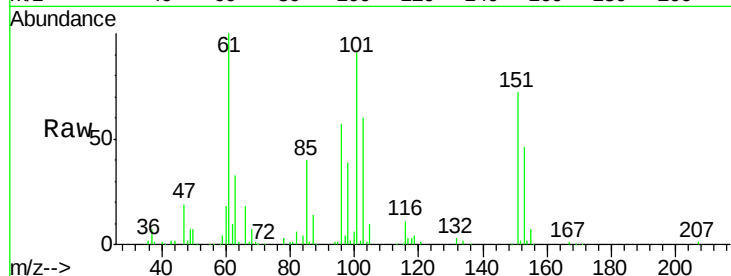
Tgt Ion:101 Resp: 93885

Ion Ratio Lower Upper

101 100

85 45.6 37.0 55.6

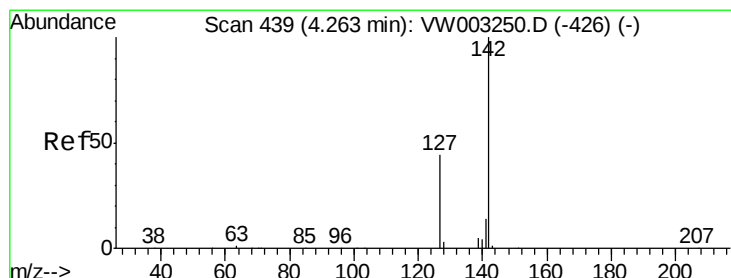
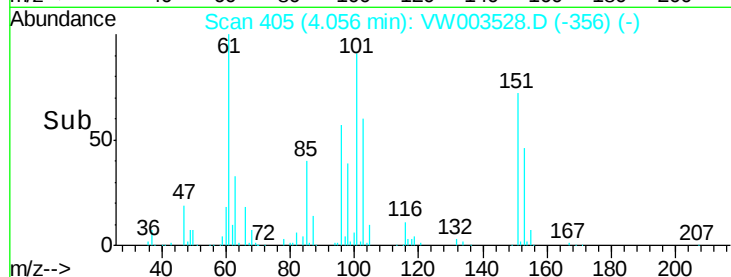
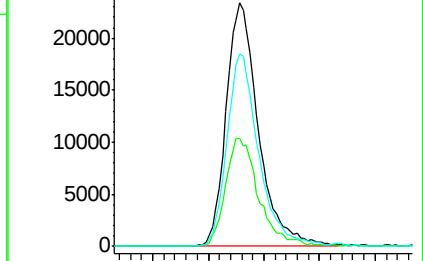
151 77.9 63.3 94.9



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: 49.759 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

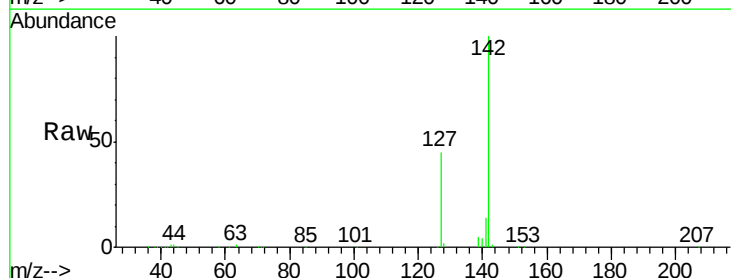
Tgt Ion:142 Resp: 151180

Ion Ratio Lower Upper

142 100

127 45.7 36.5 54.7

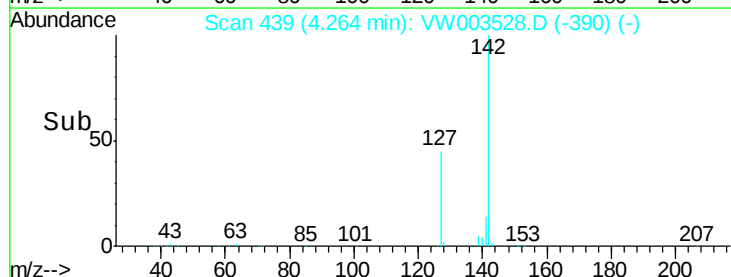
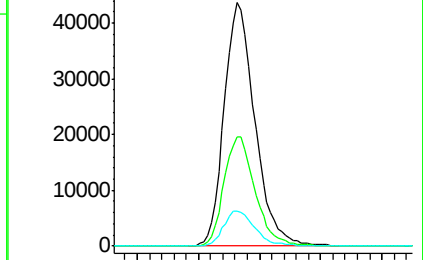
141 14.7 12.1 18.1

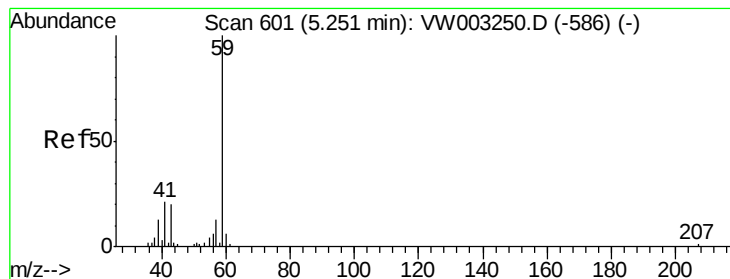


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



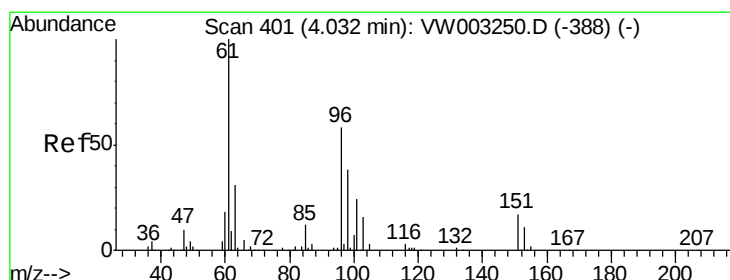
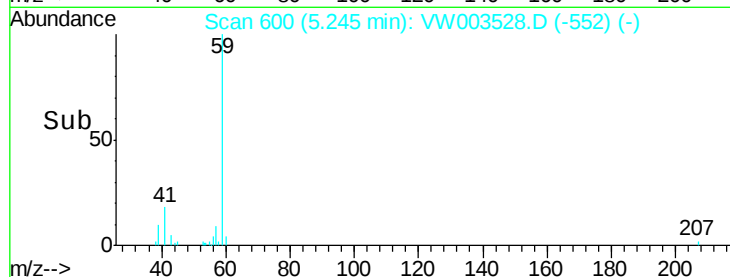
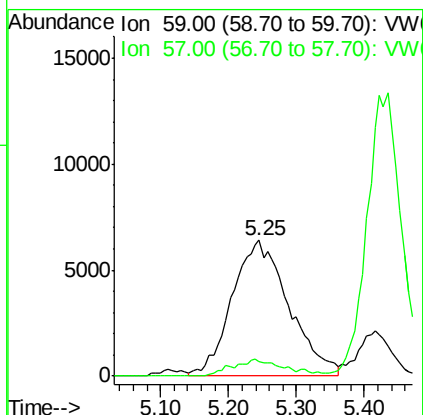
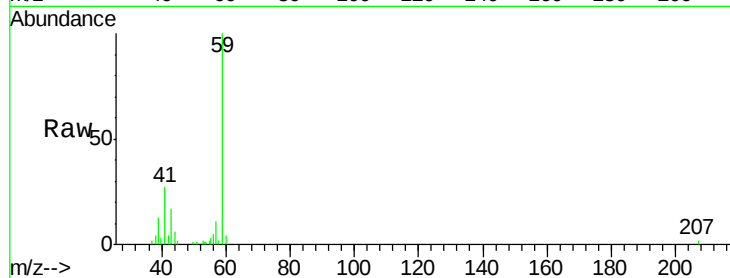


#11

Tert butyl alcohol
Concen: 295.656 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

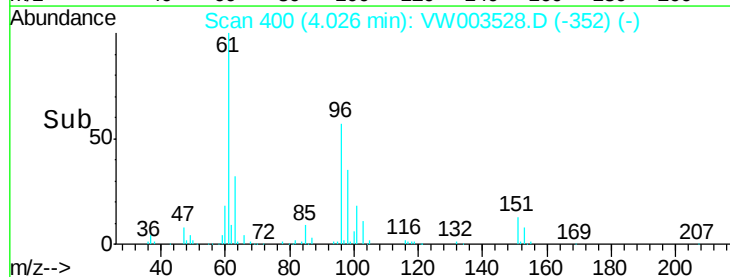
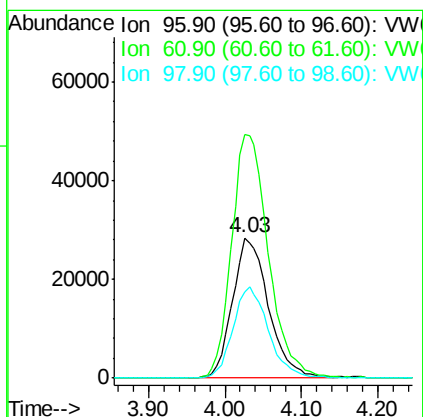
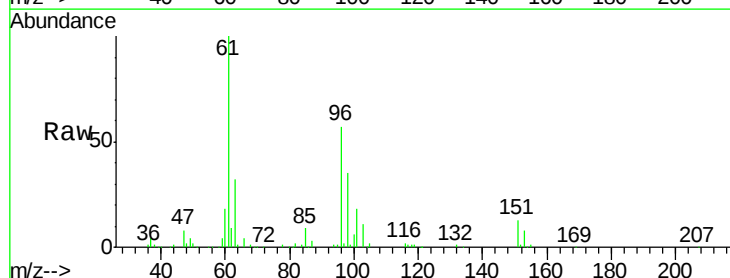
Tgt Ion: 59 Resp: 37247
Ion Ratio Lower Upper
59 100
57 10.1 4.2 6.2#

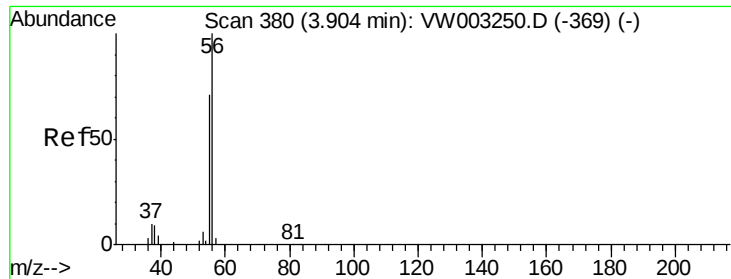


#12

1,1-Dichloroethene
Concen: 47.214 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 96 Resp: 92690
Ion Ratio Lower Upper
96 100
61 174.0 139.0 208.4
98 61.2 53.3 79.9





#13

Acrolein

Concen: 132.218 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

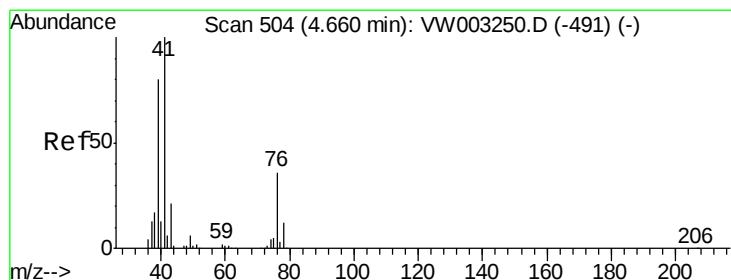
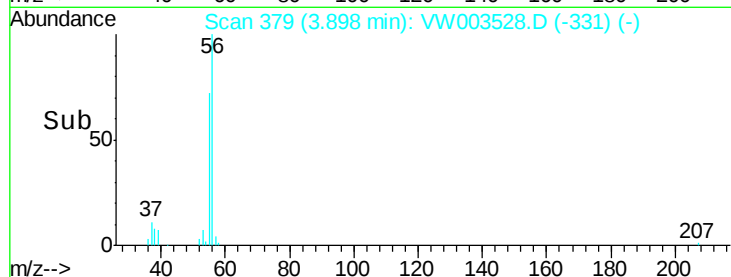
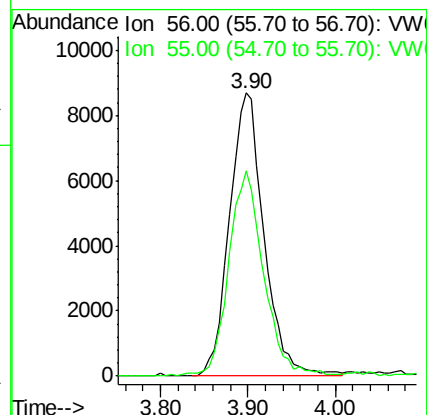
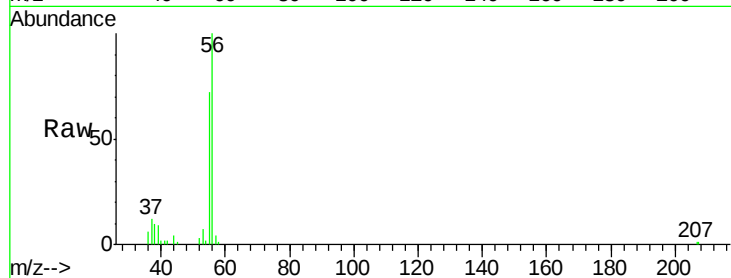
VSTDCCC050

Tgt Ion: 56 Resp: 23815

Ion Ratio Lower Upper

56 100

55 73.3 55.4 83.2



#14

Allyl chloride

Concen: 49.473 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

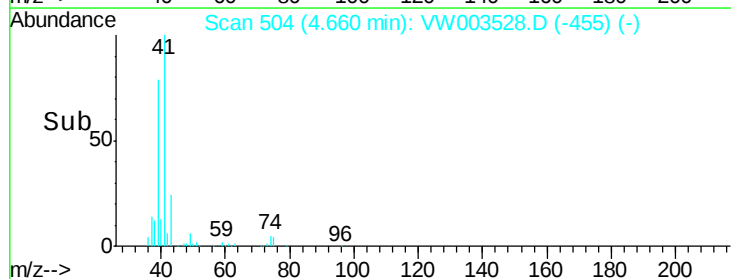
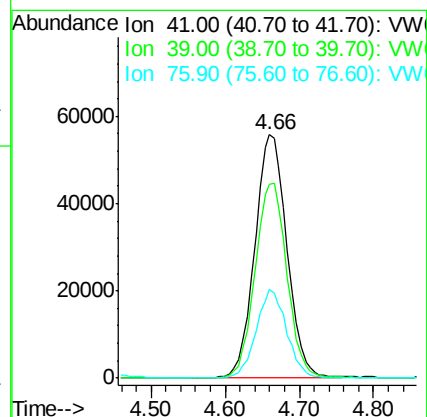
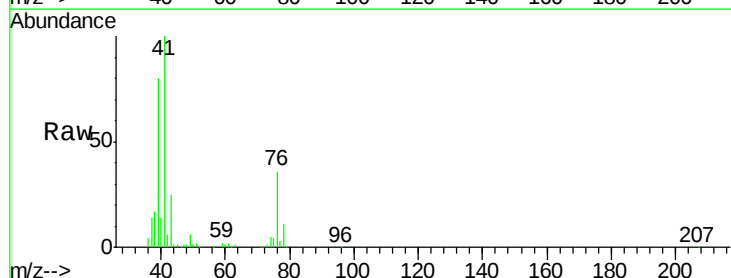
Tgt Ion: 41 Resp: 168239

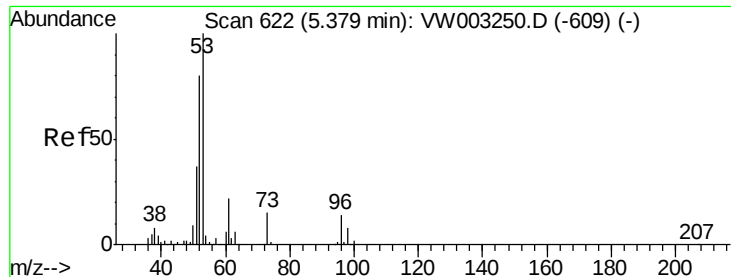
Ion Ratio Lower Upper

41 100

39 79.8 63.2 94.8

76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 288.027 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

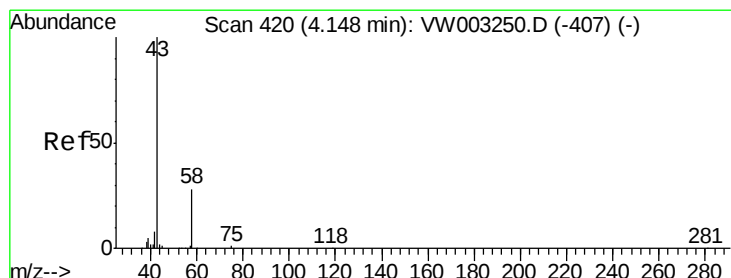
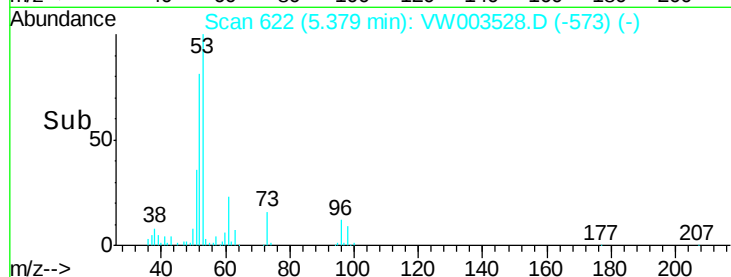
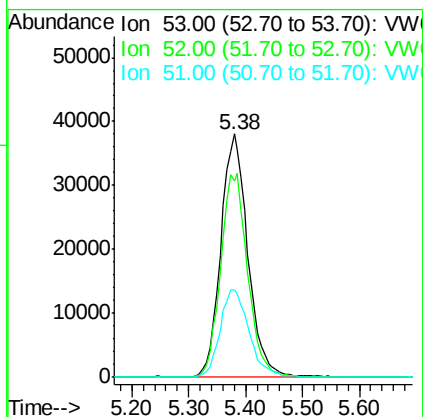
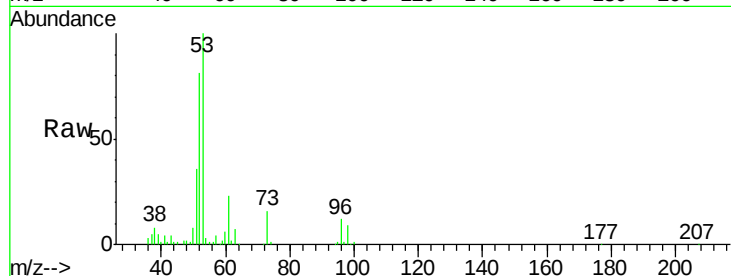
Tgt Ion: 53 Resp: 125944

Ion Ratio Lower Upper

53 100

52 83.5 66.6 100.0

51 38.6 30.6 46.0



#16

Acetone

Concen: 231.428 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003528.D

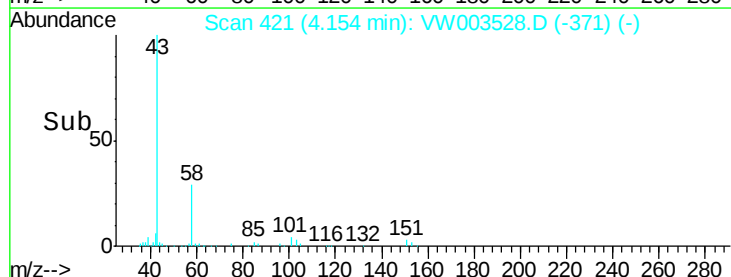
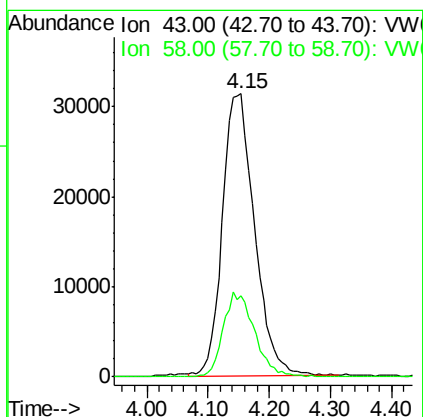
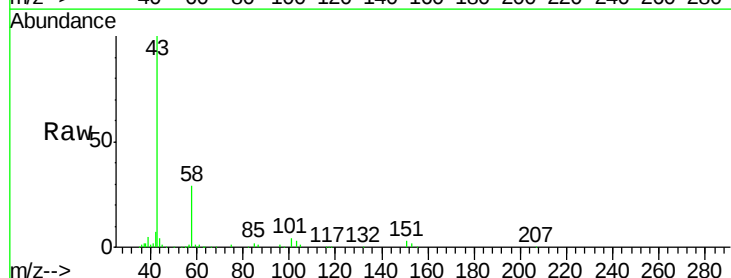
Acq: 25 Jun 2018 00:07

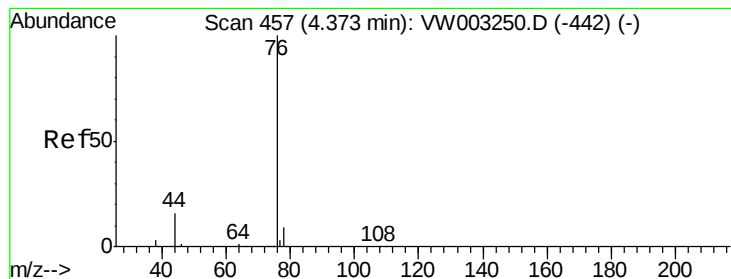
Tgt Ion: 43 Resp: 114016

Ion Ratio Lower Upper

43 100

58 28.7 22.6 34.0





#17

Carbon Disulfide

Concen: 45.151 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

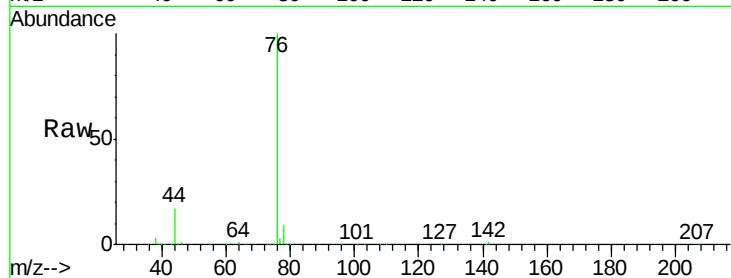
VSTDCCC050

Tgt Ion: 76 Resp: 262055

Ion Ratio Lower Upper

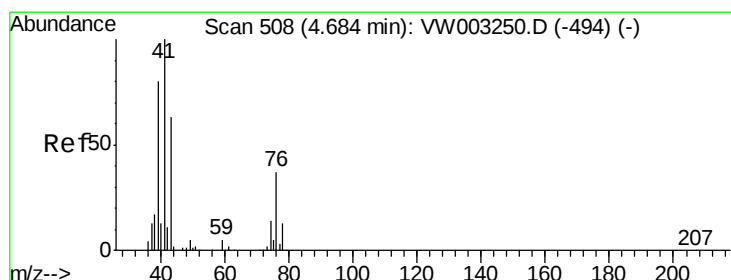
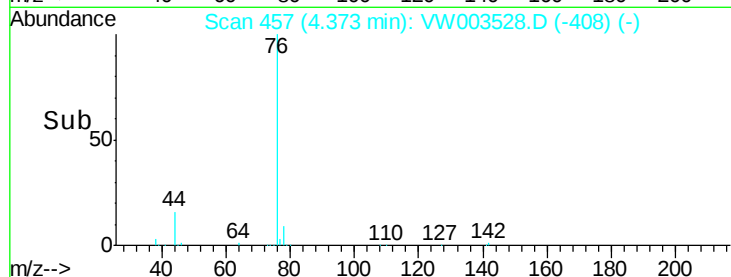
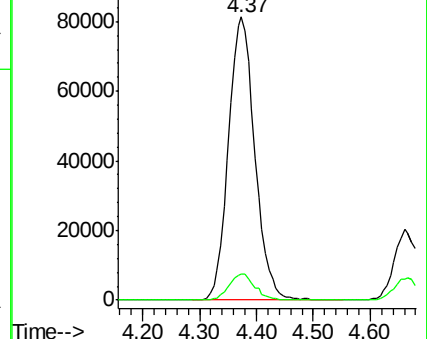
76 100

78 9.4 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: 57.746 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003528.D

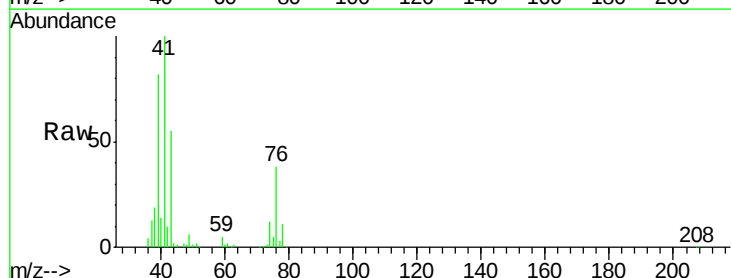
Acq: 25 Jun 2018 00:07

Tgt Ion: 43 Resp: 67490

Ion Ratio Lower Upper

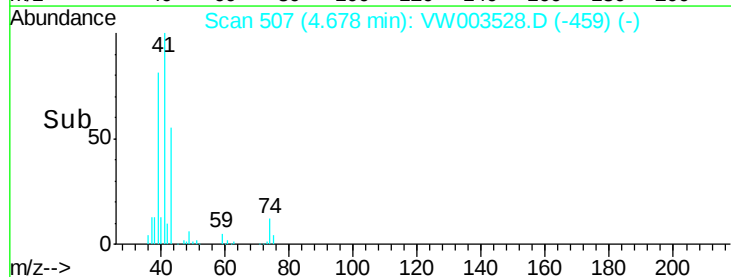
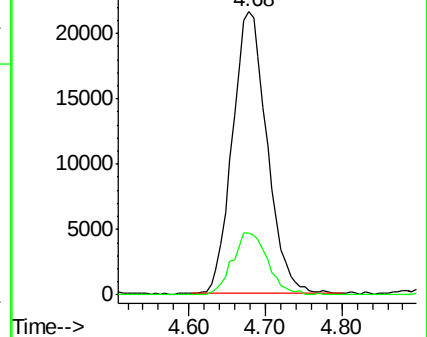
43 100

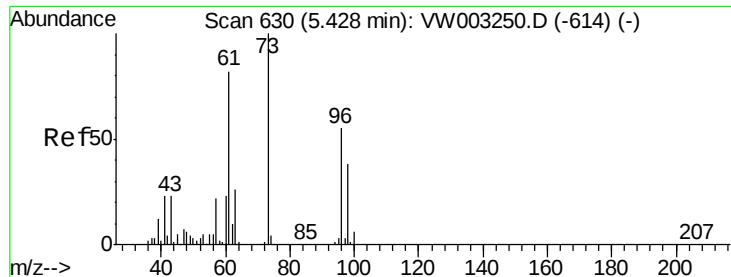
74 22.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

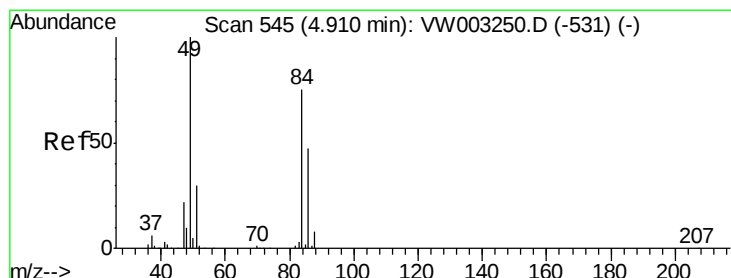
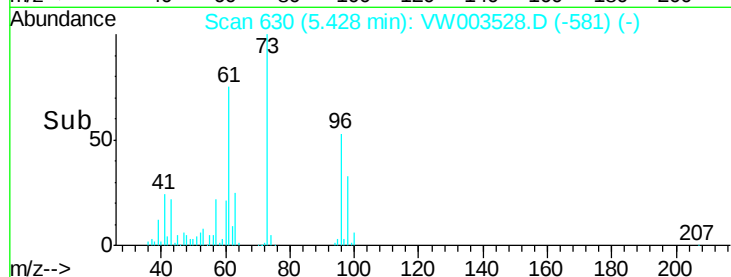
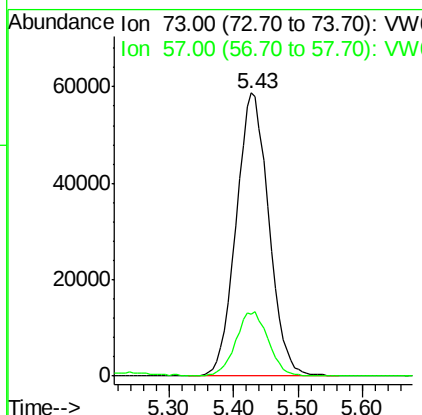
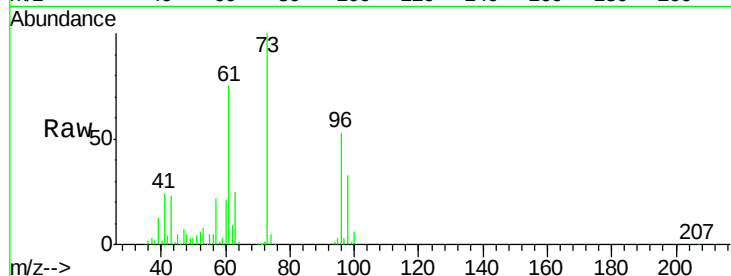




#19
Methyl tert-butyl Ether
Concen: 56.003 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

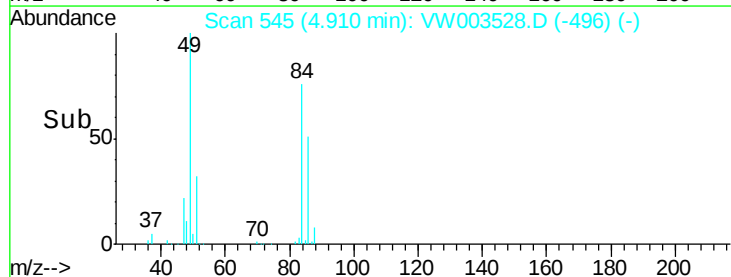
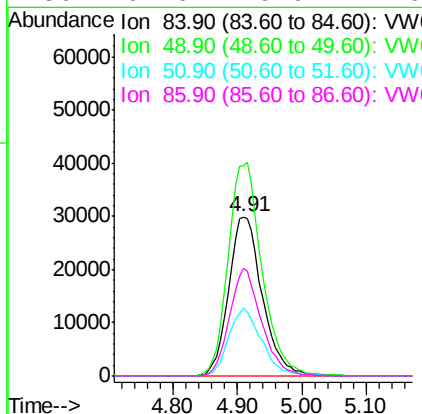
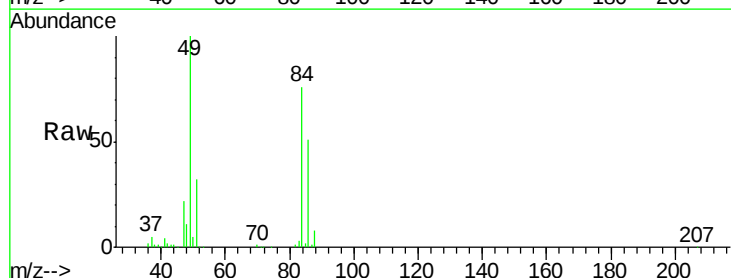
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

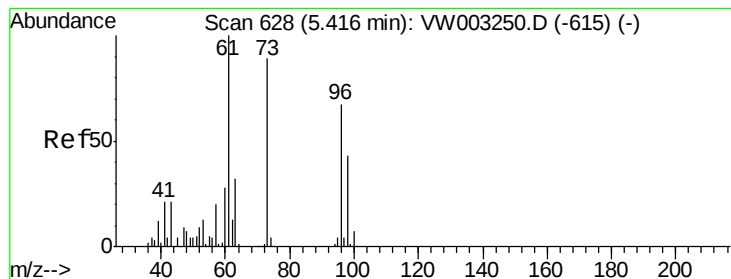
Tgt Ion: 73 Resp: 205924
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0



#20
Methylene Chloride
Concen: 52.179 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 84 Resp: 108865
Ion Ratio Lower Upper
84 100
49 131.9 106.3 159.5
51 42.7 32.0 48.0
86 67.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.503 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

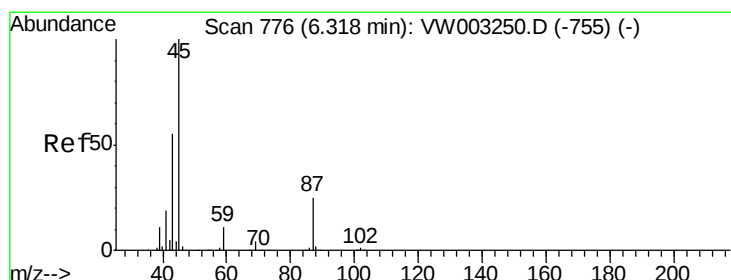
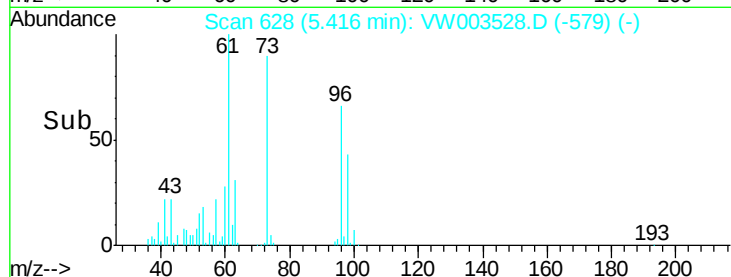
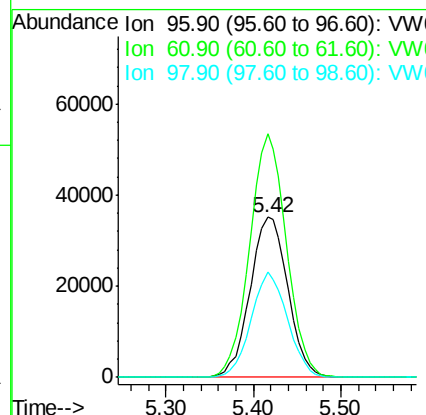
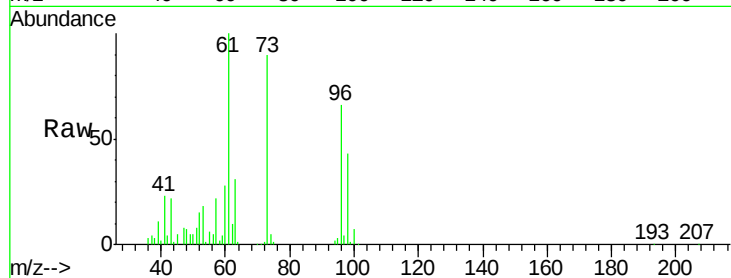
Tgt Ion: 96 Resp: 105768

Ion Ratio Lower Upper

96 100

61 152.1 118.7 178.1

98 65.5 51.0 76.6



#22

Diisopropyl ether

Concen: 55.287 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion: 45 Resp: 378387

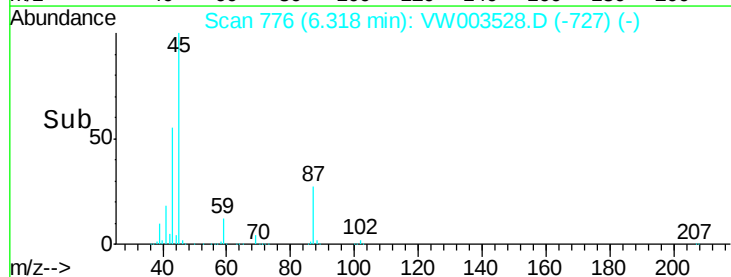
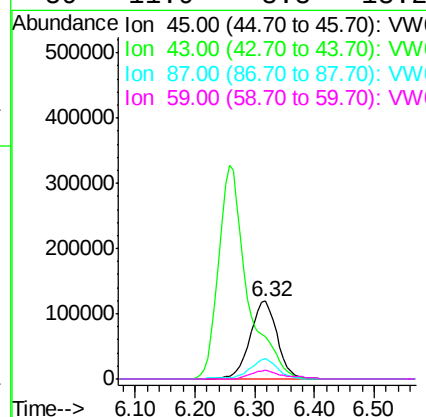
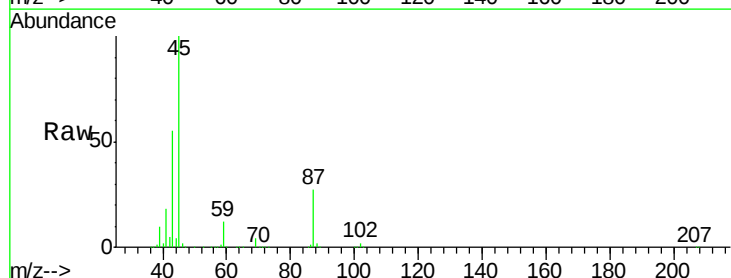
Ion Ratio Lower Upper

45 100

43 54.8 44.0 66.0

87 26.4 20.6 31.0

59 11.9 8.8 13.2

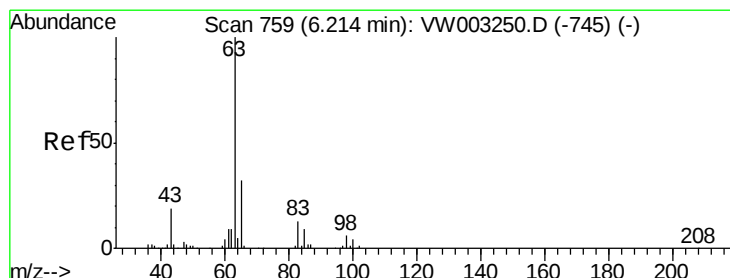
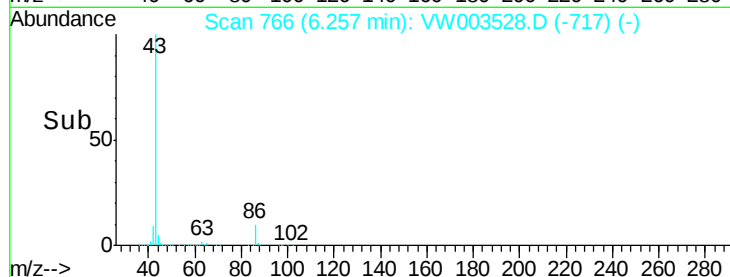
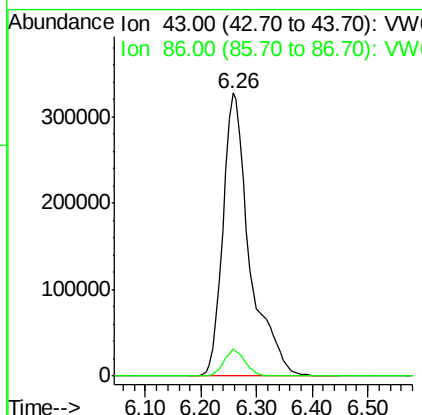
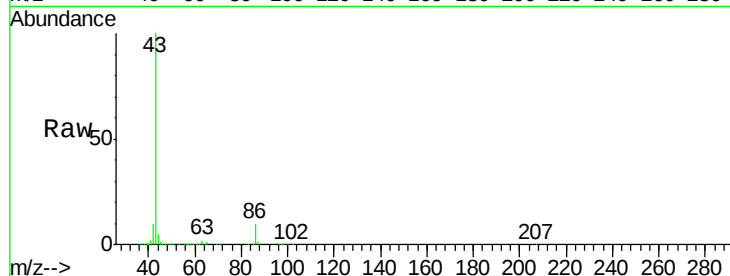




#23
 Vinyl Acetate
 Concen: 275.835 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

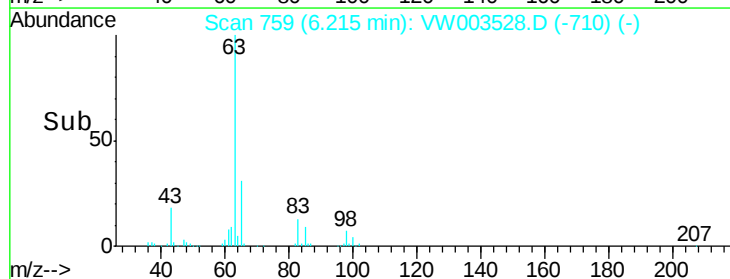
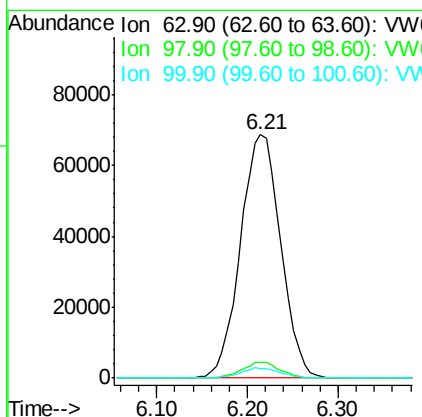
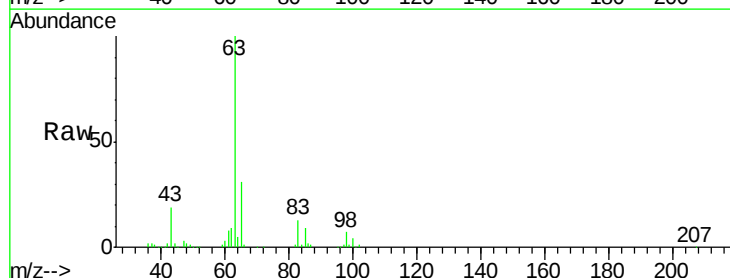
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1087887
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 51.940 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 63 Resp: 211031
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.8 8.3
 100 4.0 2.1 6.5

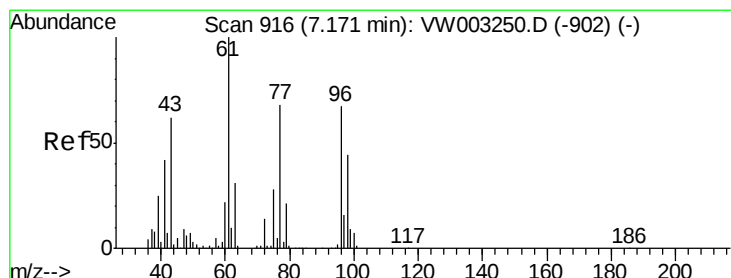
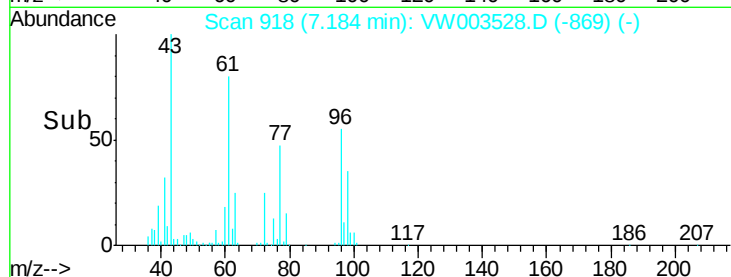
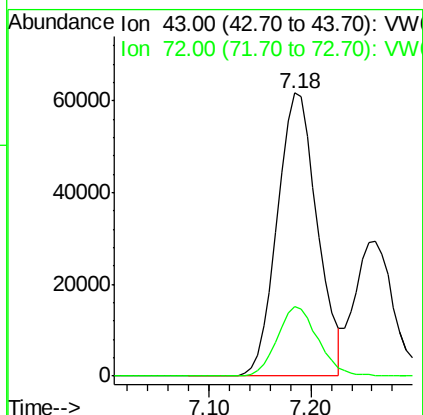
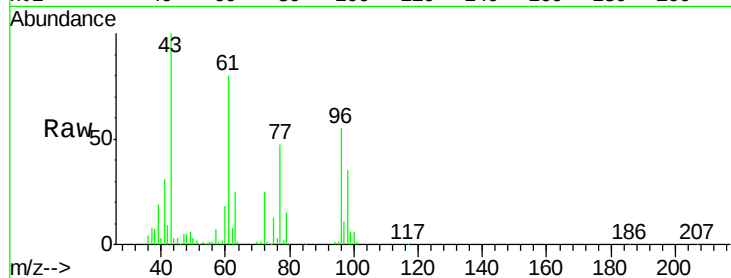




#25
2-Butanone
Concen: 274.819 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

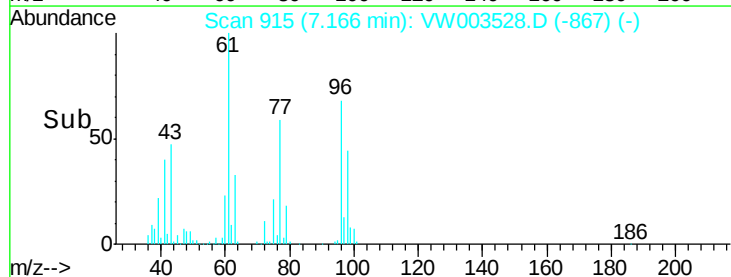
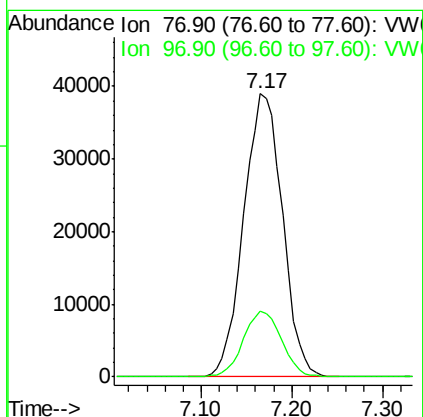
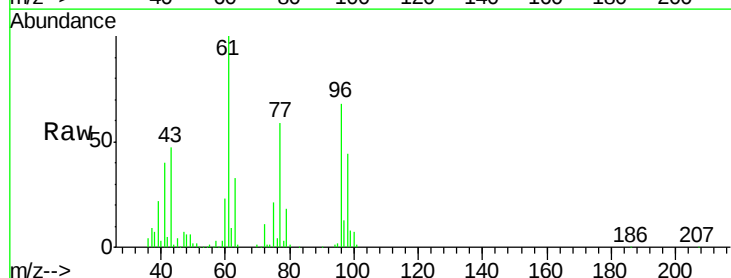
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

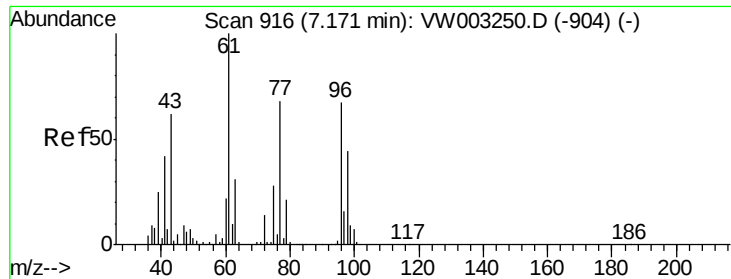
Tgt Ion: 43 Resp: 168358
Ion Ratio Lower Upper
43 100
72 24.7 20.3 30.5



#26
2,2-Dichloropropane
Concen: 42.540 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 77 Resp: 115352
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.9



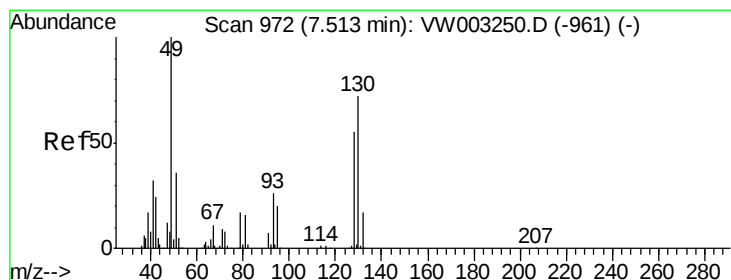
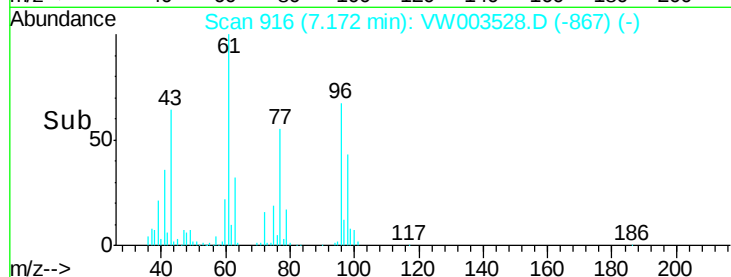
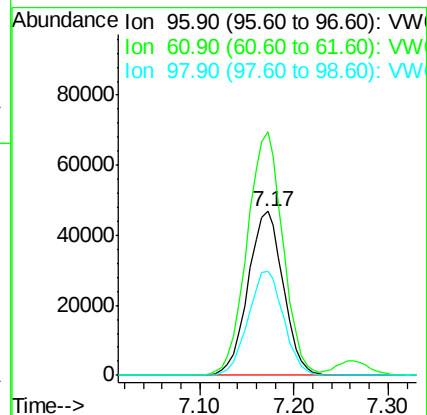
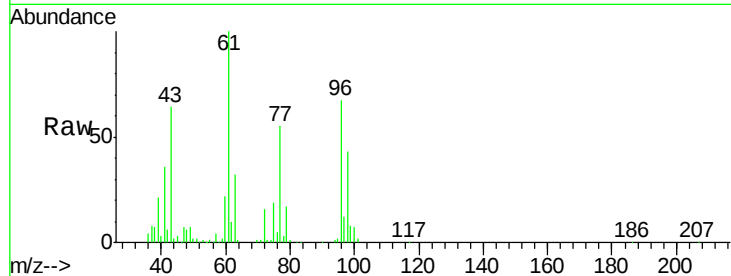


#27

cis-1,2-Dichloroethene
Concen: 52.448 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

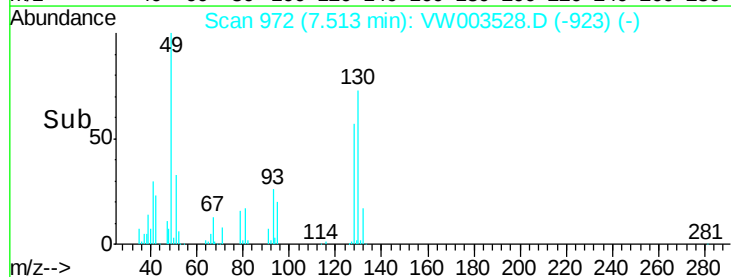
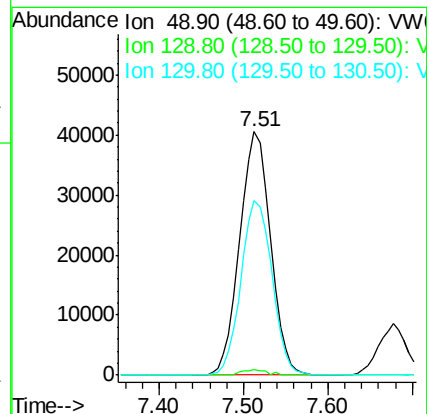
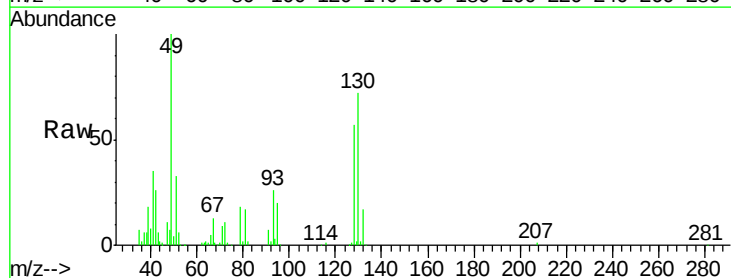
Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	298.8
98	63.7	0.0	130.4

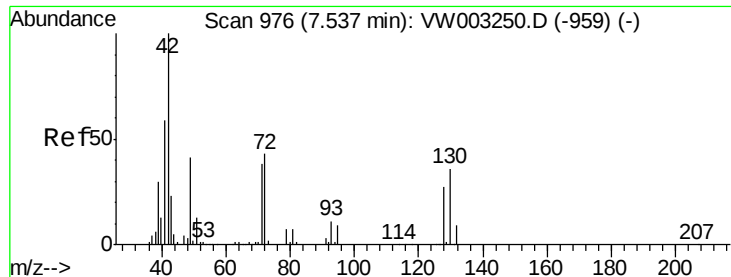


#28

Bromochloromethane
Concen: 59.388 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	71.9	59.4	89.2

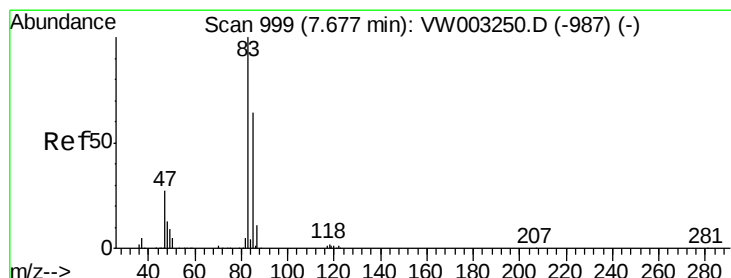
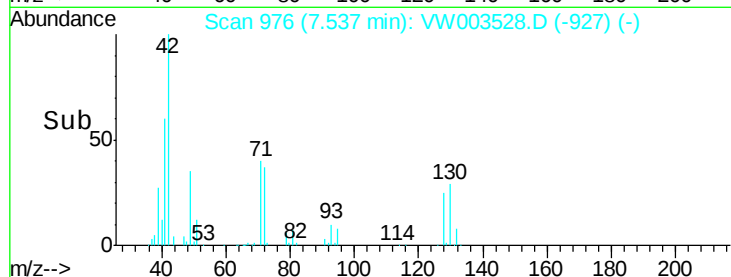
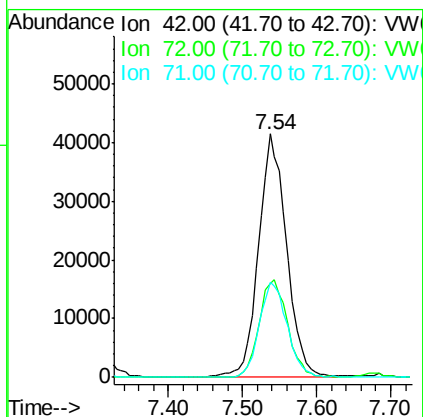
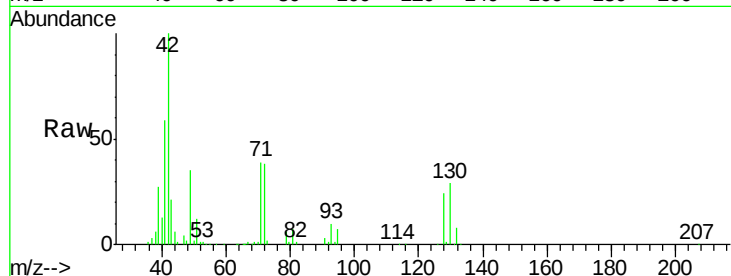




#29
Tetrahydrofuran
Concen: 291.657 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

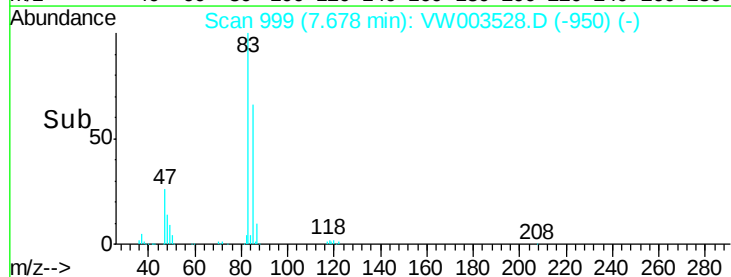
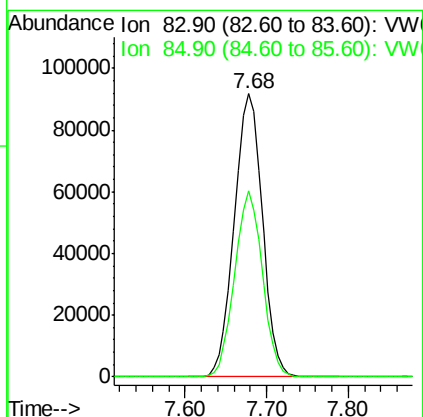
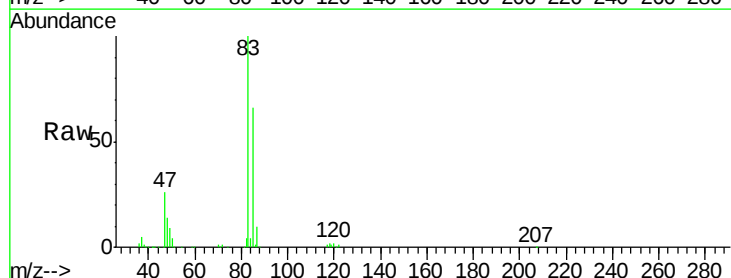
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

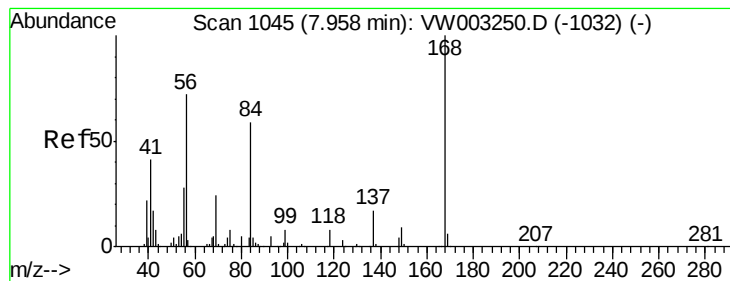
Tgt Ion: 42 Resp: 109199
Ion Ratio Lower Upper
42 100
72 41.0 32.4 48.6
71 38.9 31.2 46.8



#30
Chloroform
Concen: 52.843 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 83 Resp: 218735
Ion Ratio Lower Upper
83 100
85 65.8 51.3 76.9





#31

Cyclohexane

Concen: 44.647 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

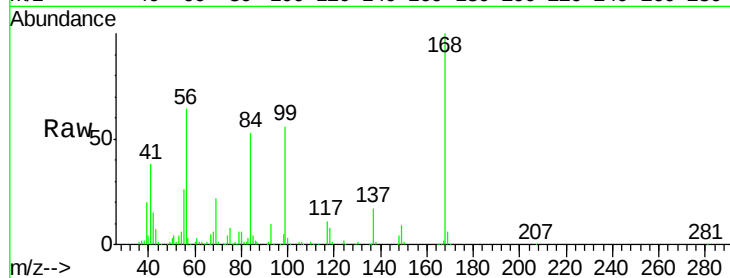
Tgt Ion: 56 Resp: 169470

Ion Ratio Lower Upper

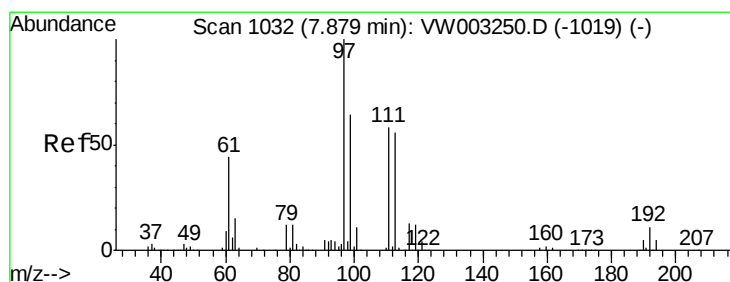
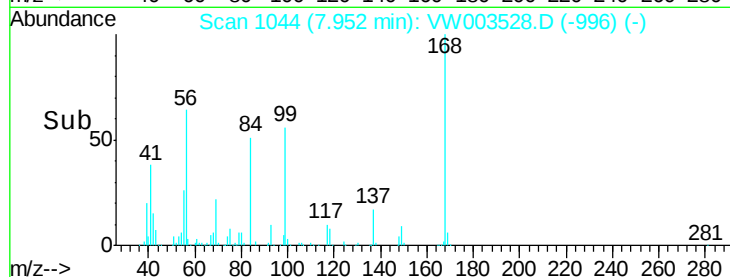
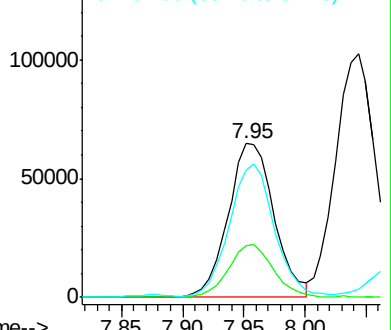
56 100

69 33.6 26.3 39.5

84 81.1 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: 49.031 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

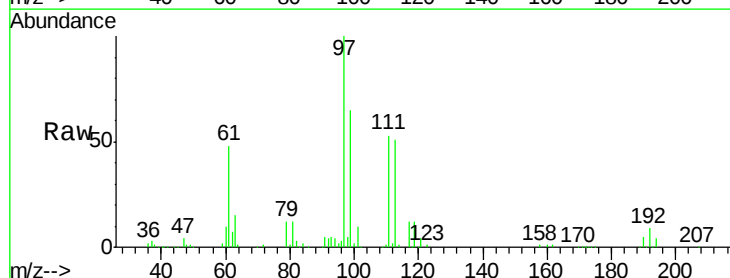
Tgt Ion: 97 Resp: 167524

Ion Ratio Lower Upper

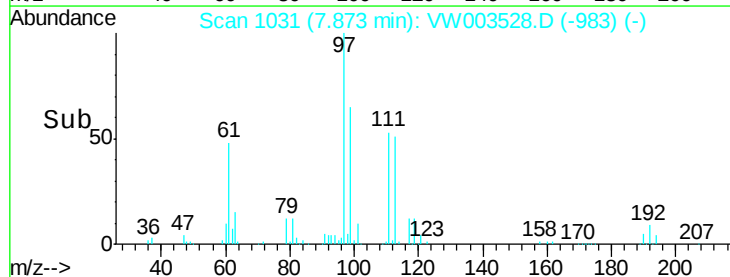
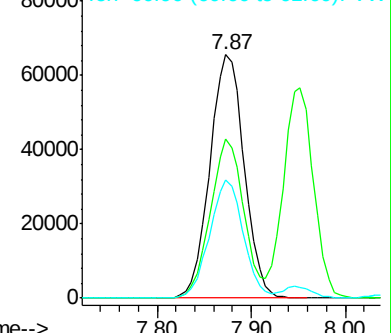
97 100

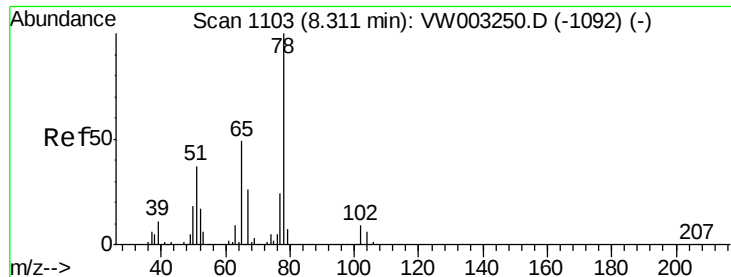
99 64.3 51.7 77.5

61 47.6 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: 60.521 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

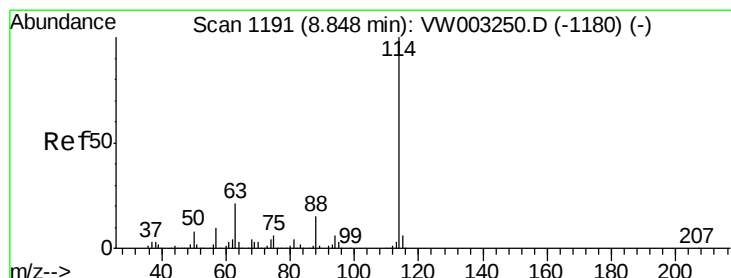
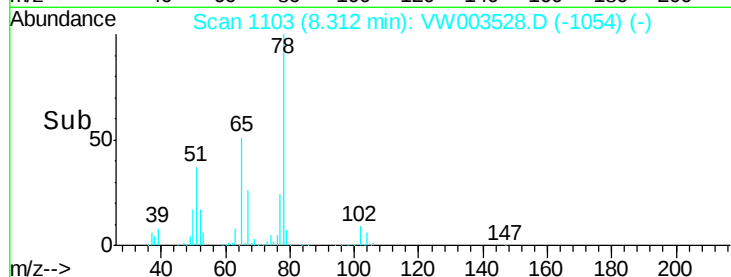
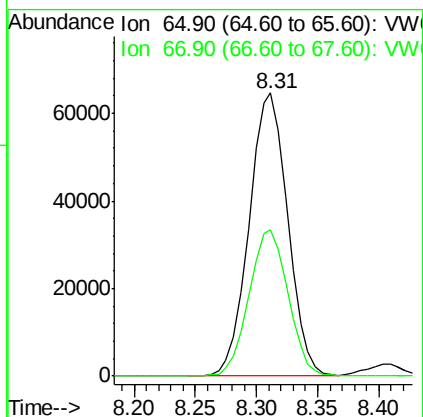
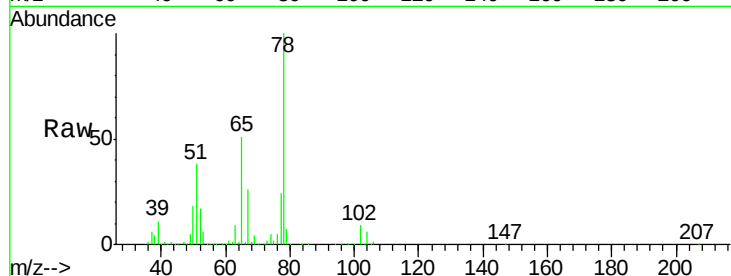
VSTDCCC050

Tgt Ion: 65 Resp: 142167

Ion Ratio Lower Upper

65 100

67 52.4 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: VW003528.D

Acq: 25 Jun 2018 00:07

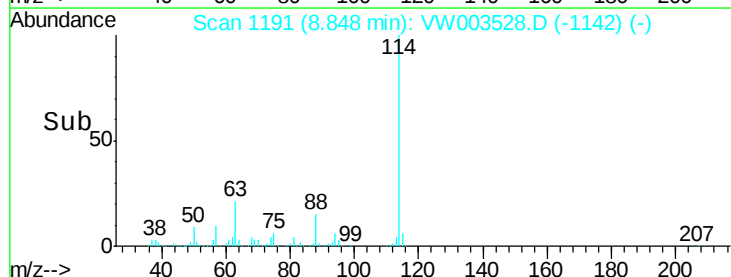
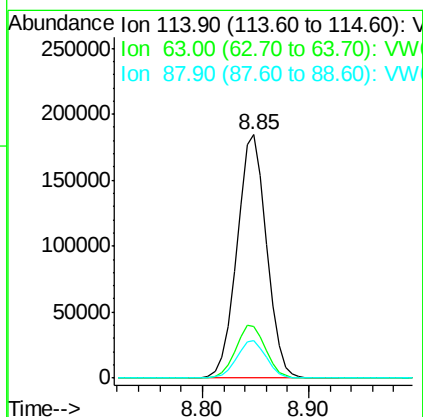
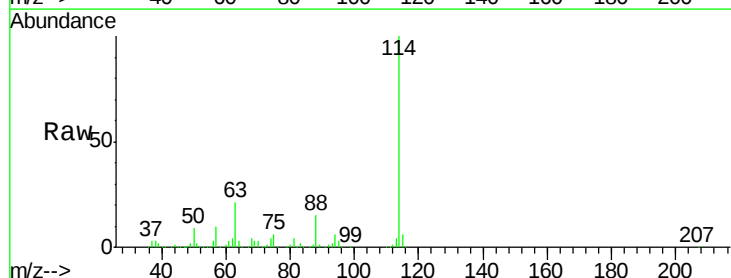
Tgt Ion: 114 Resp: 358878

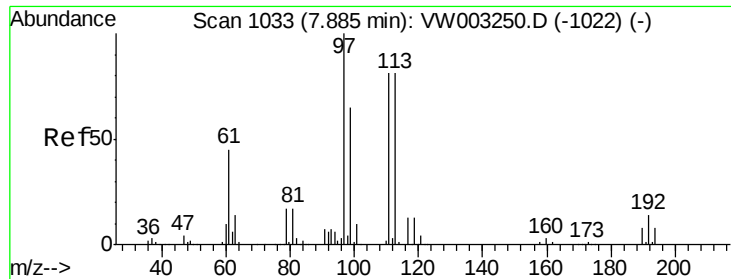
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

88 15.4 0.0 29.6

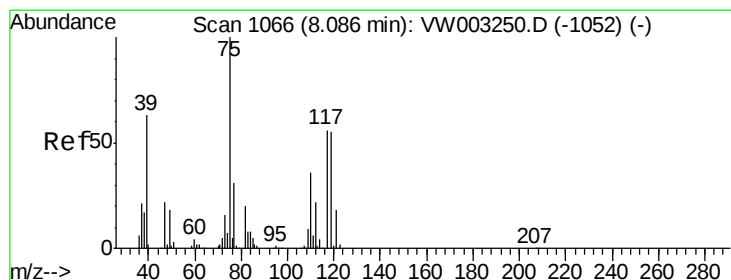
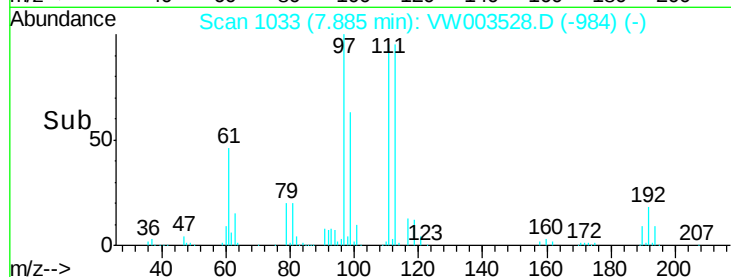
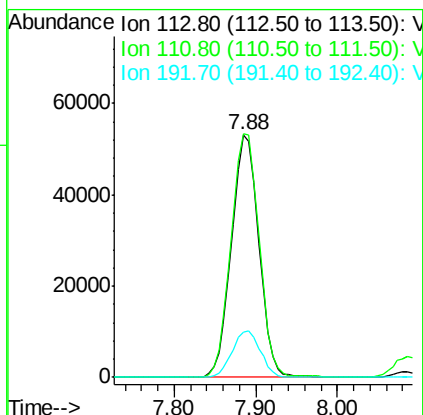
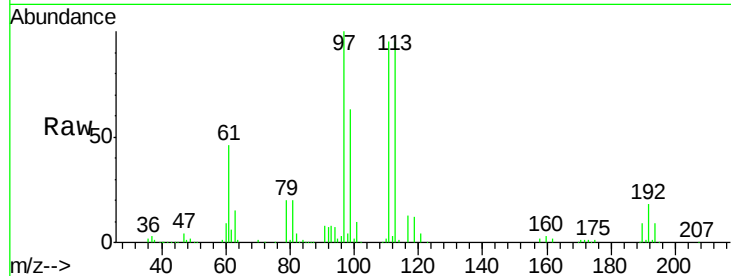




#35
 Dibromofluoromethane
 Concen: 55.106 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

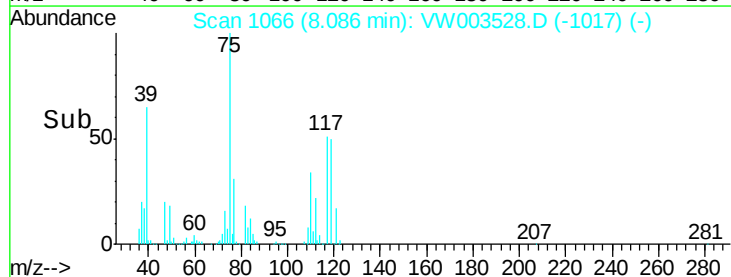
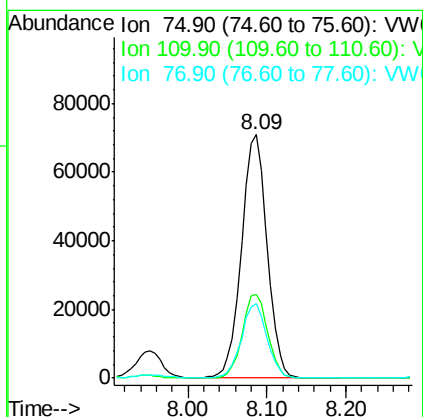
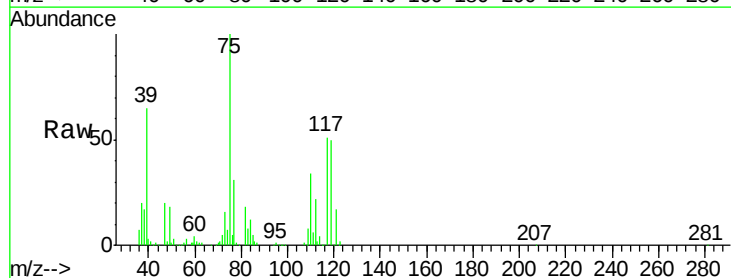
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

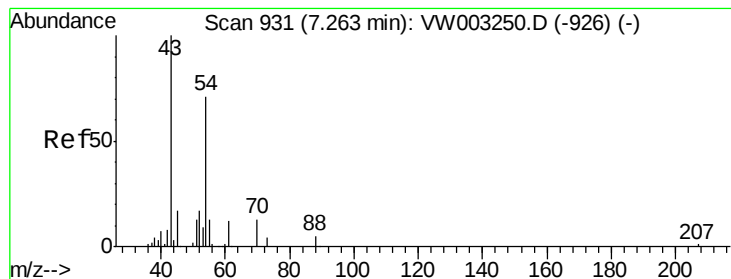
Tgt Ion: 113 Resp: 122884
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 46.298 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 75 Resp: 160461
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.1 51.3
 77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 54.683 ug/l

RT: 7.26 min Scan# 931

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

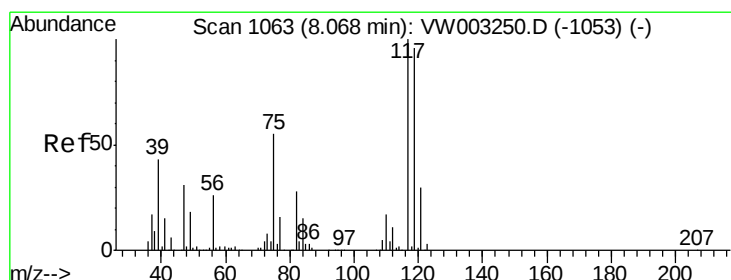
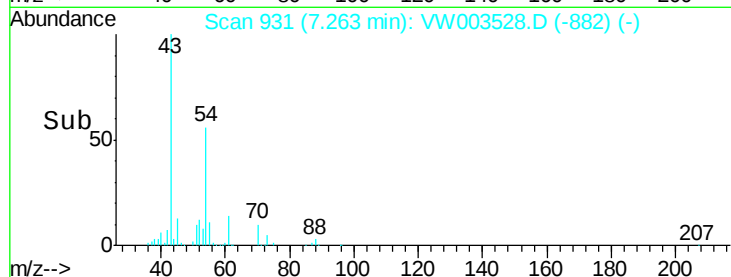
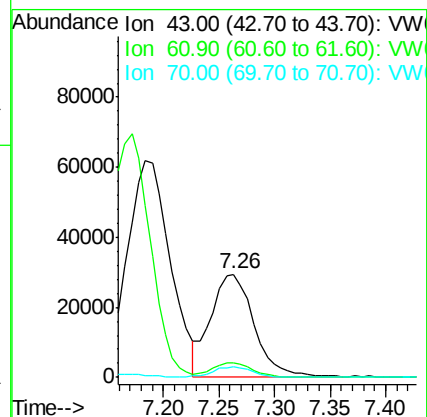
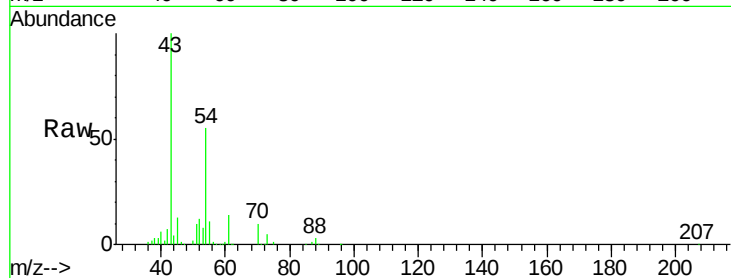
Tgt Ion: 43 Resp: 78514

Ion Ratio Lower Upper

43 100

61 13.2 10.8 16.2

70 9.6 7.8 11.6



#38

Carbon Tetrachloride

Concen: 45.253 ug/l

RT: 8.07 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

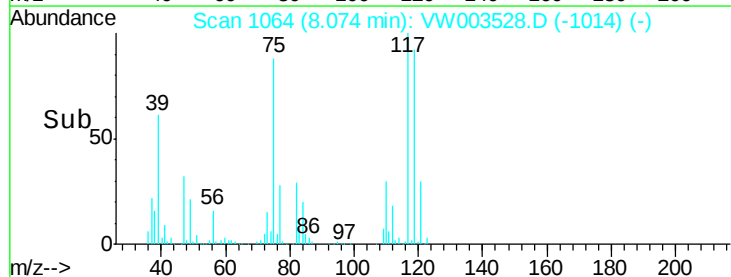
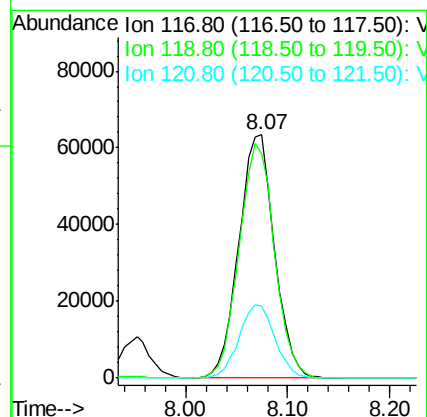
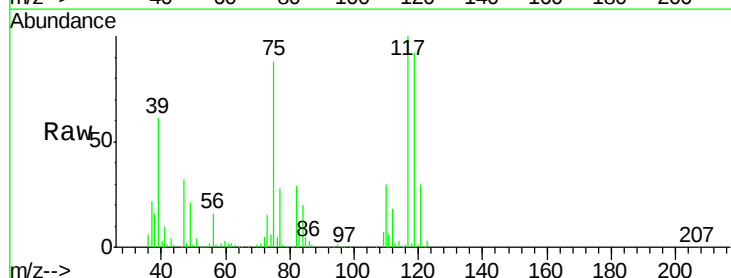
Tgt Ion: 117 Resp: 153845

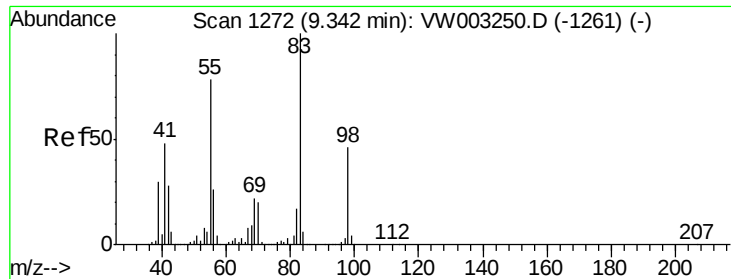
Ion Ratio Lower Upper

117 100

119 92.0 76.6 115.0

121 29.7 23.9 35.9

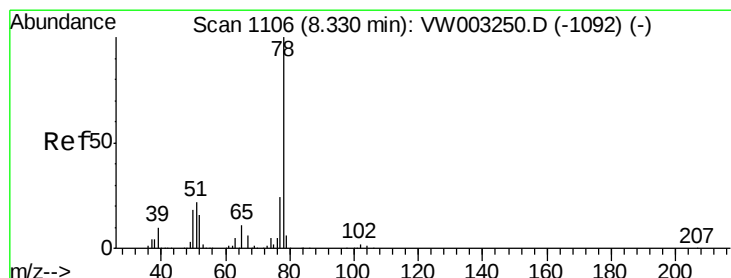
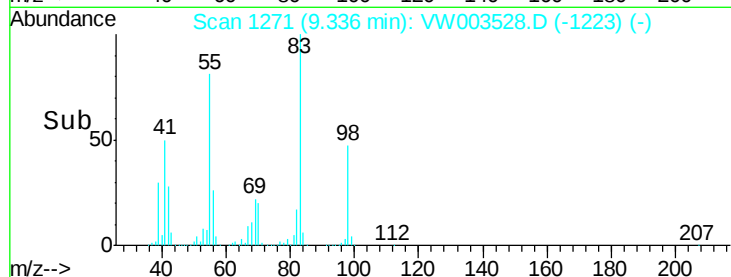
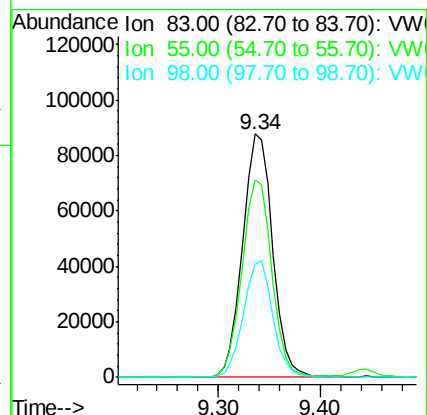
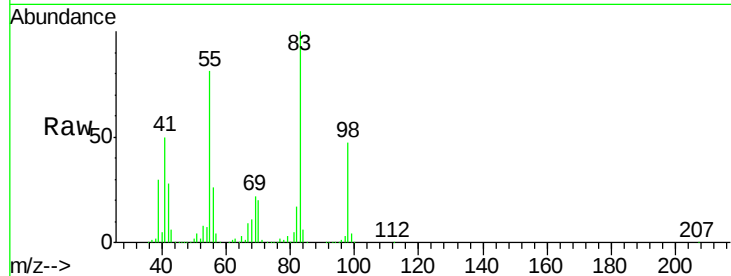




#39
Methylcyclohexane
Concen: 44.774 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

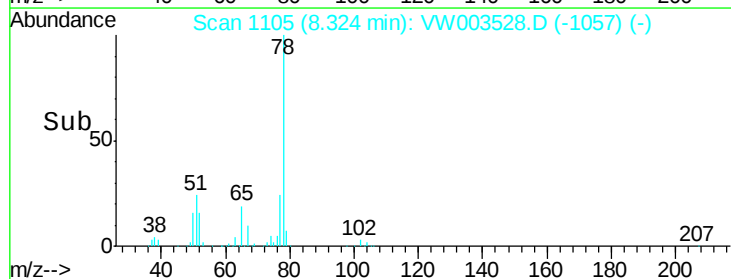
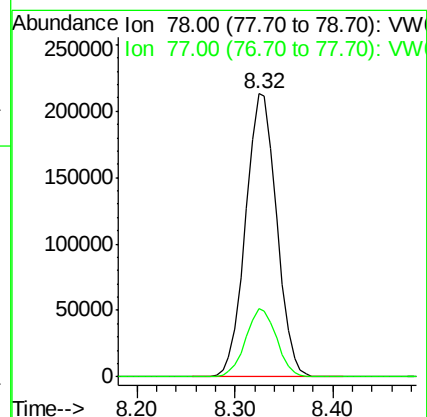
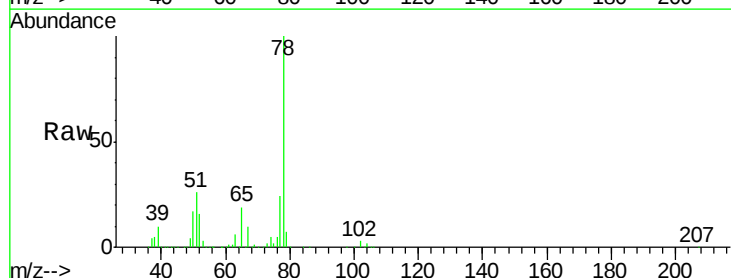
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 179555
Ion Ratio Lower Upper
83 100
55 81.1 62.6 93.8
98 46.7 37.0 55.4



#40
Benzene
Concen: 49.127 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 78 Resp: 469330
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

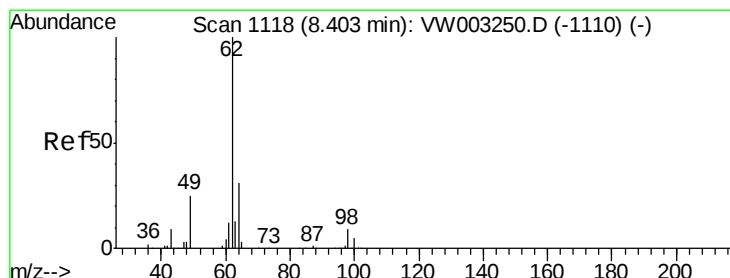
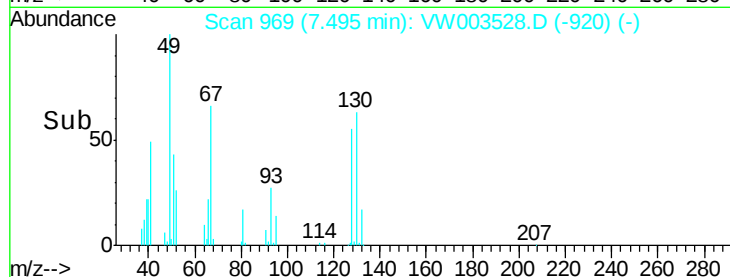
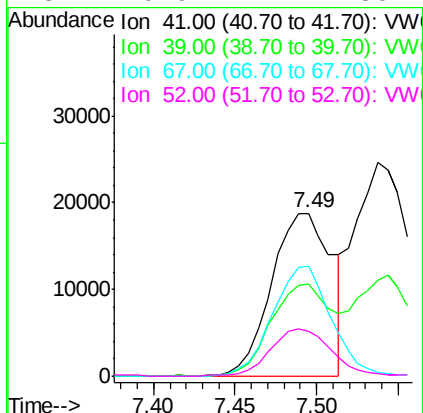
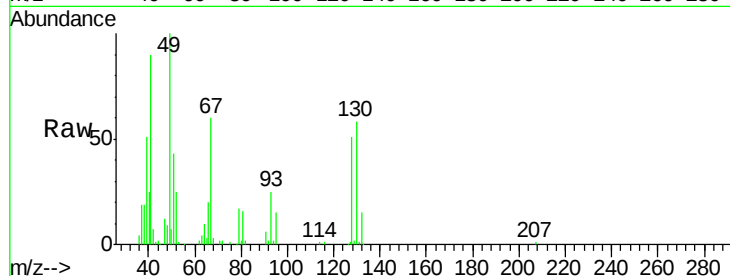




#41
Methacrylonitrile
Concen: 54.712 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

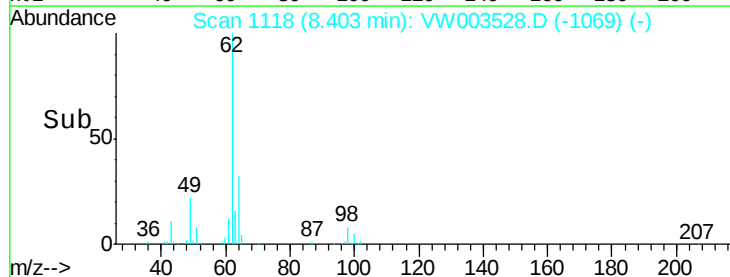
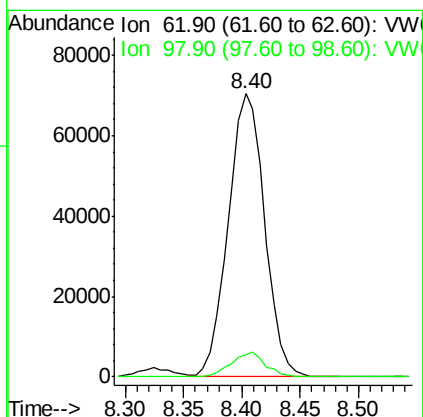
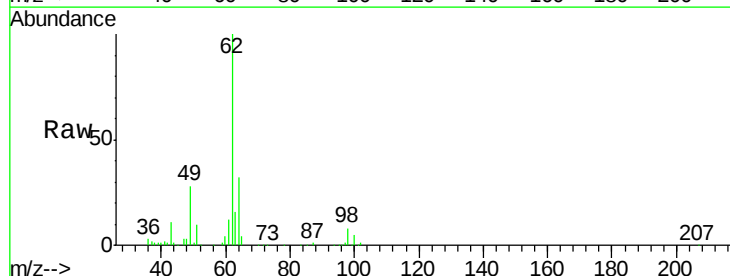
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	48206
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.8
67	66.0	52.3	78.5
52	29.9	24.1	36.1



#42
1,2-Dichloroethane
Concen: 51.237 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion:	62	Resp:	153358
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.762 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

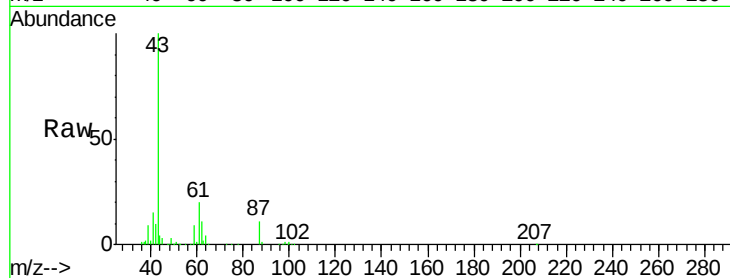
Tgt Ion: 43 Resp: 150424

Ion Ratio Lower Upper

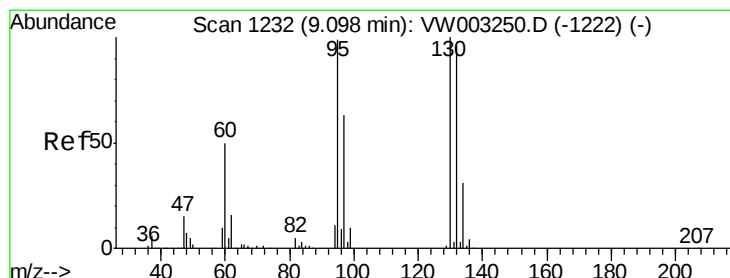
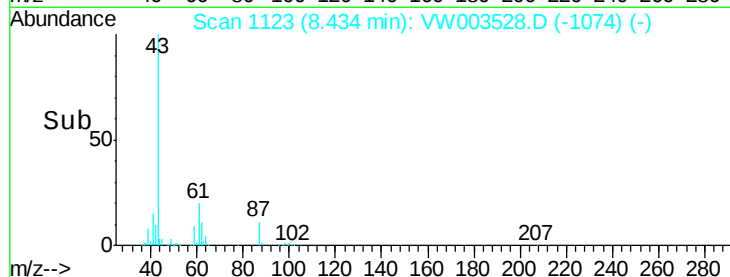
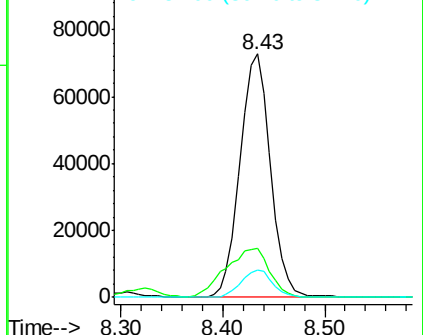
43 100

61 29.2 23.1 34.7

87 11.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 47.936 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003528.D

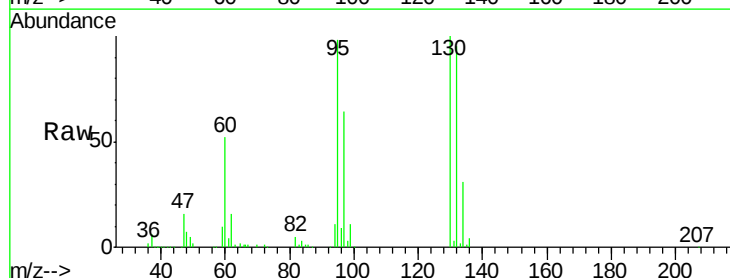
Acq: 25 Jun 2018 00:07

Tgt Ion: 130 Resp: 121345

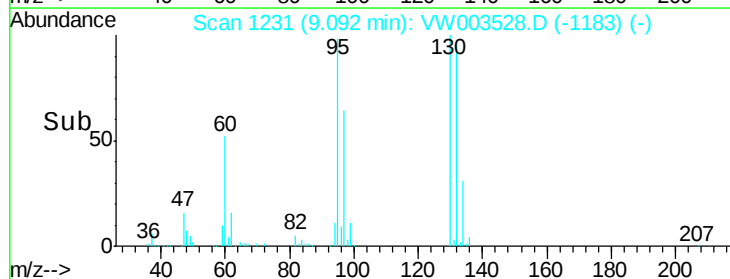
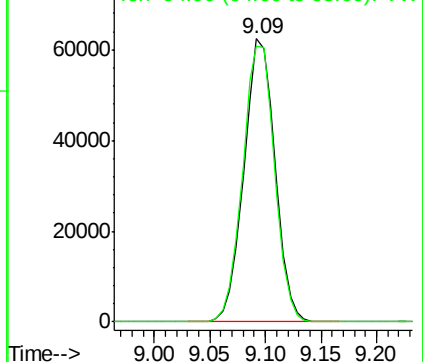
Ion Ratio Lower Upper

130 100

95 97.5 0.0 198.0



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





#45

1,2-Dichloropropane

Concen: 50.583 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

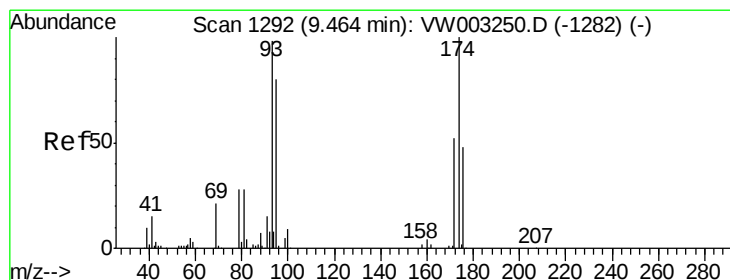
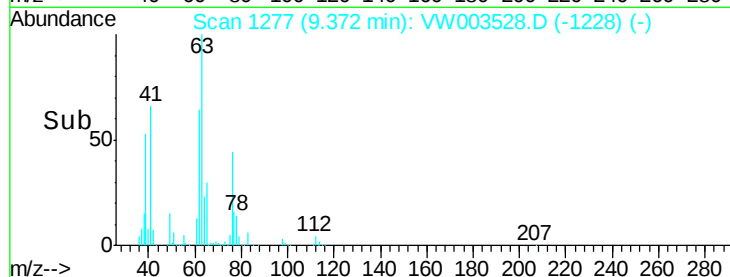
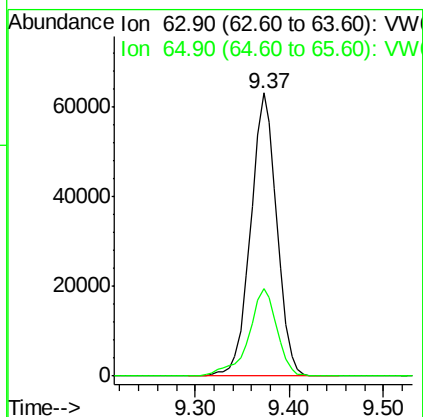
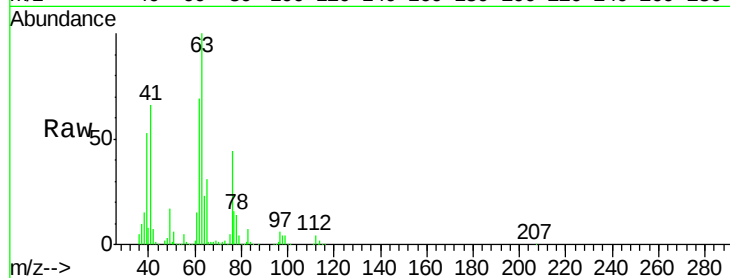
VSTDCCC050

Tgt Ion: 63 Resp: 123040

Ion Ratio Lower Upper

63 100

65 30.9 25.1 37.7



#46

Dibromomethane

Concen: 51.835 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

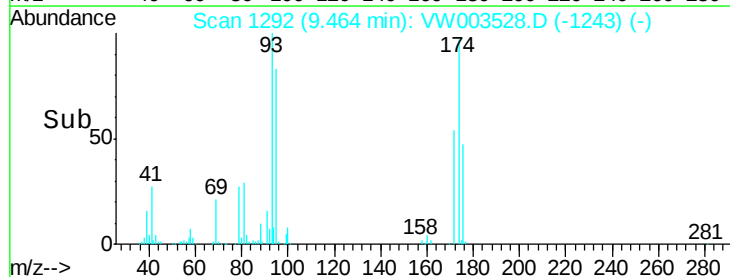
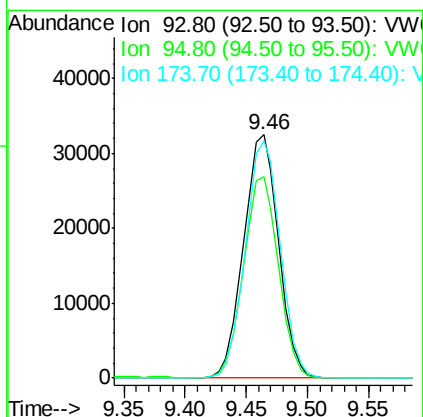
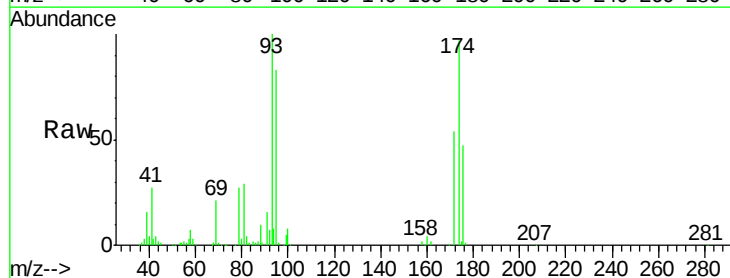
Tgt Ion: 93 Resp: 64553

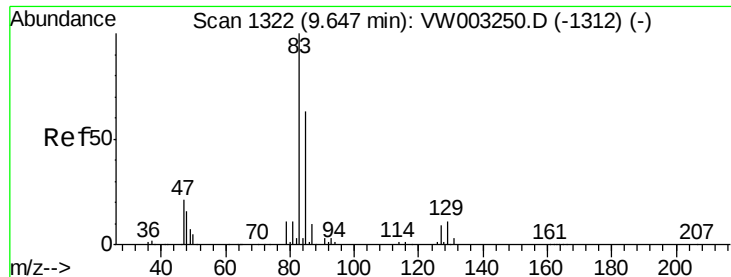
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 97.4 81.4 122.0

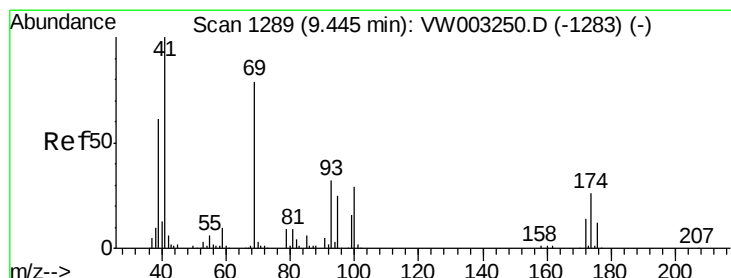
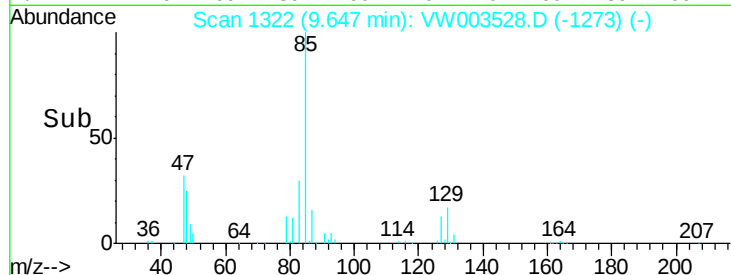
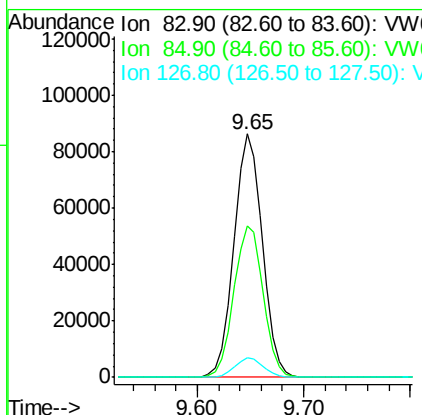
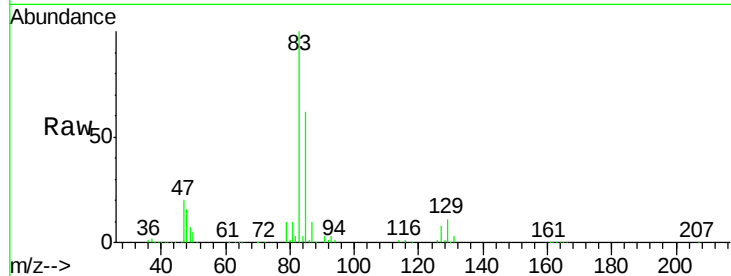




#47
 Bromodichloromethane
 Concen: 50.628 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

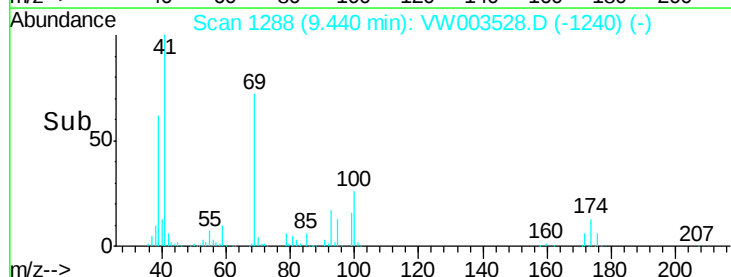
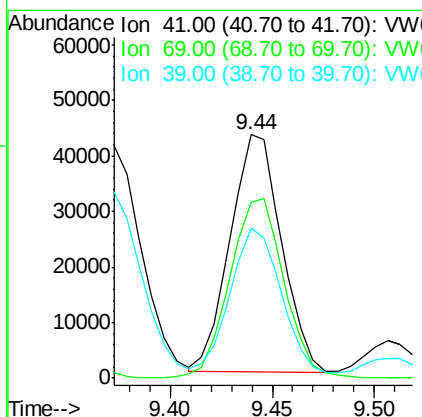
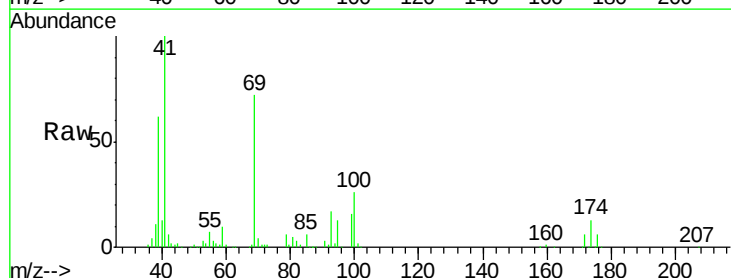
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

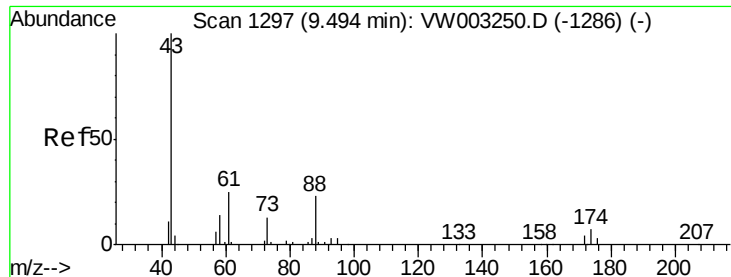
Tgt Ion: 83 Resp: 161613
 Ion Ratio Lower Upper
 83 100
 85 62.4 50.6 75.8
 127 8.3 6.8 10.2



#48
 Methyl methacrylate
 Concen: 55.757 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 41 Resp: 74705
 Ion Ratio Lower Upper
 41 100
 69 79.7 65.4 98.2
 39 64.8 54.2 81.2

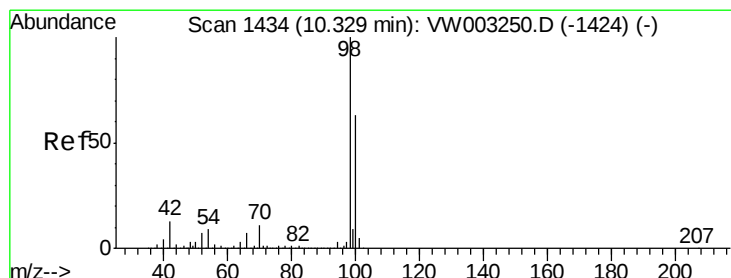
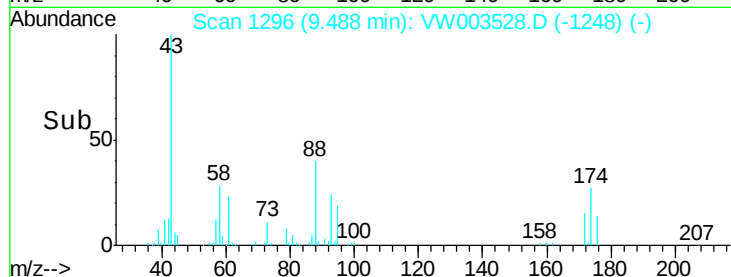
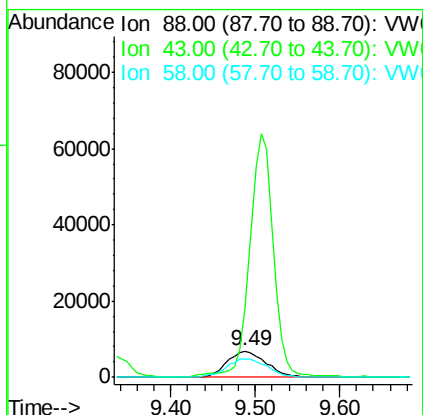
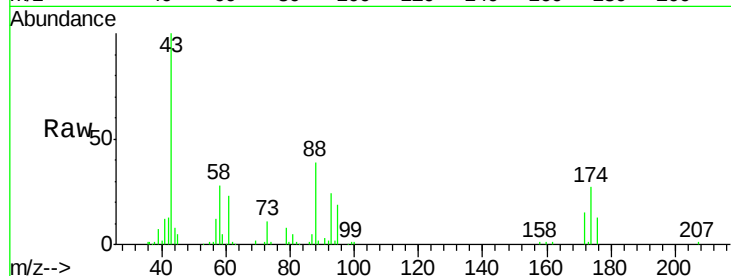




#49
 1,4-Dioxane
 Concen: 1163.734 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

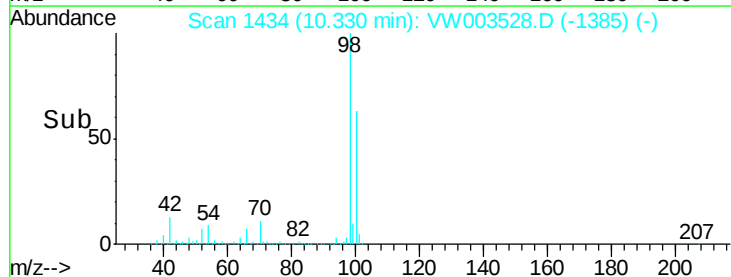
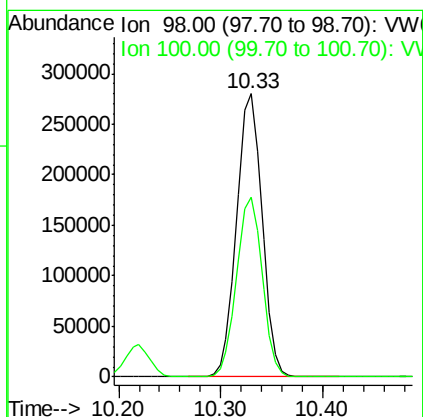
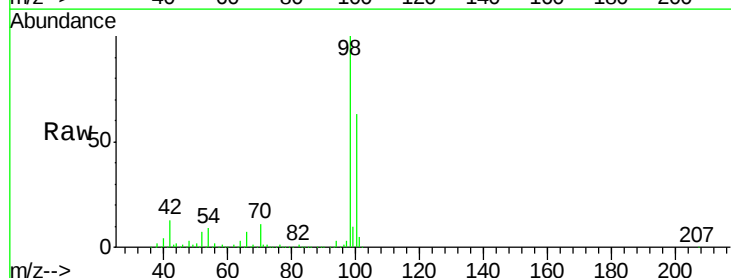
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

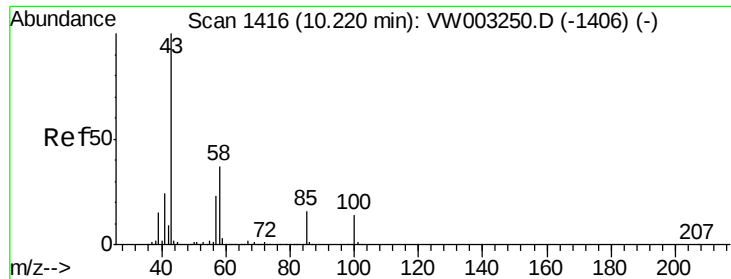
Tgt Ion: 88 Resp: 21882
 Ion Ratio Lower Upper
 88 100
 43 553.0 454.7 682.1
 58 74.7 58.6 88.0



#50
 Toluene-d8
 Concen: 54.878 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 98 Resp: 485248
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.8 76.2

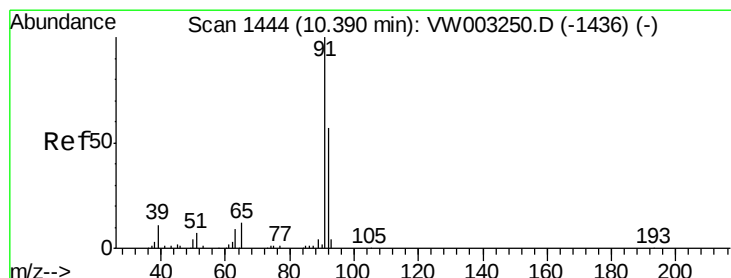
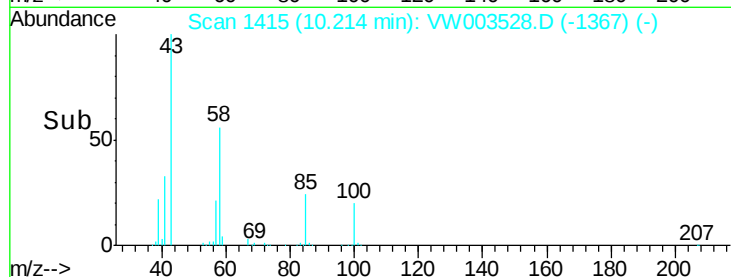
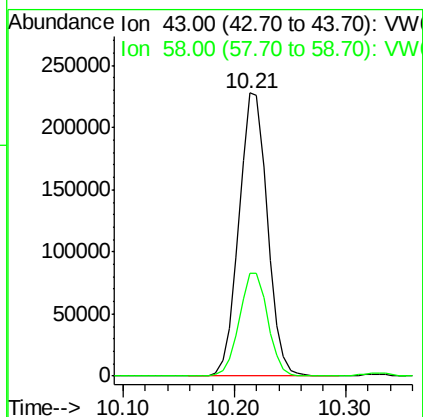
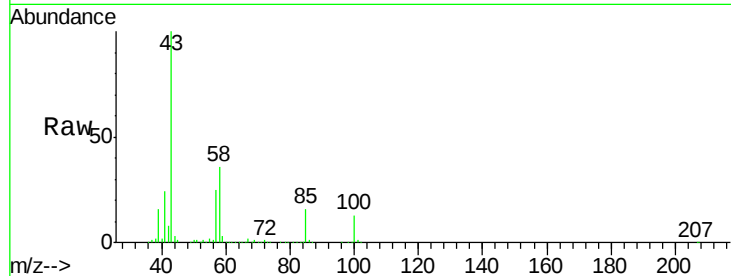




#51
 4-Methyl-2-Pentanone
 Concen: 278.318 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

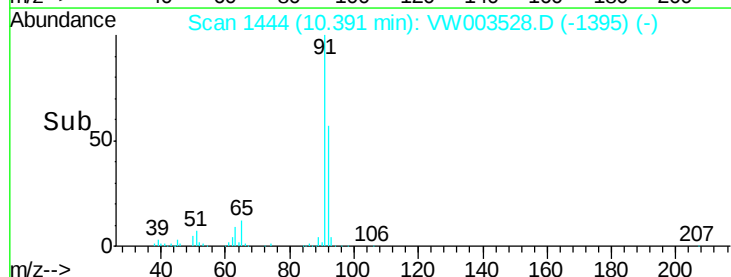
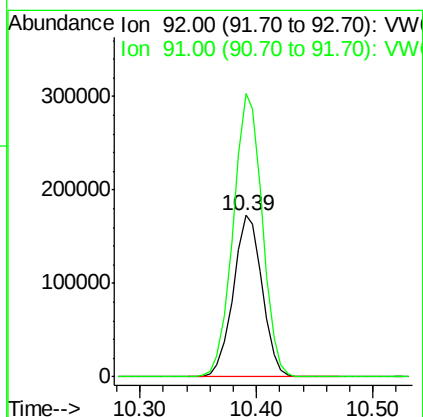
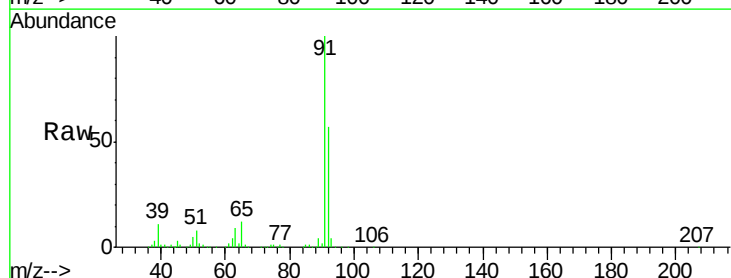
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

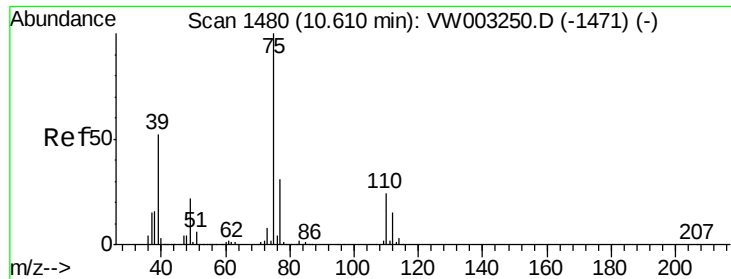
Tgt Ion: 43 Resp: 404321
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.0 43.4



#52
 Toluene
 Concen: 48.699 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 92 Resp: 298336
 Ion Ratio Lower Upper
 92 100
 91 176.2 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 50.010 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampled :

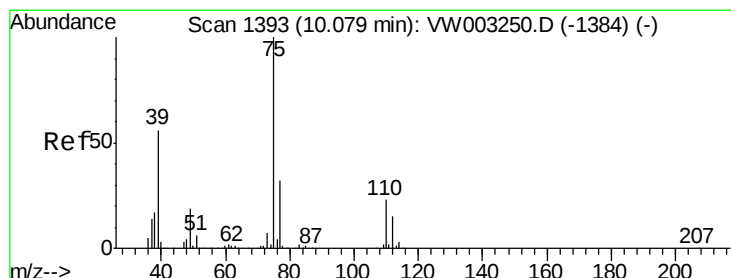
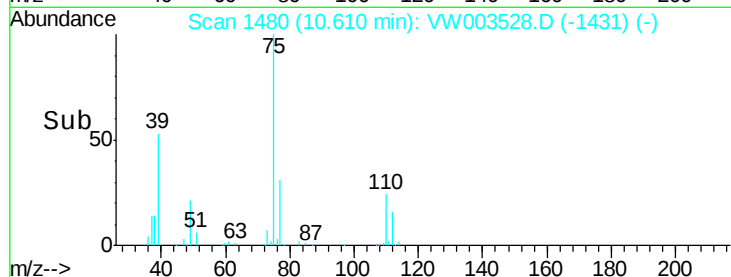
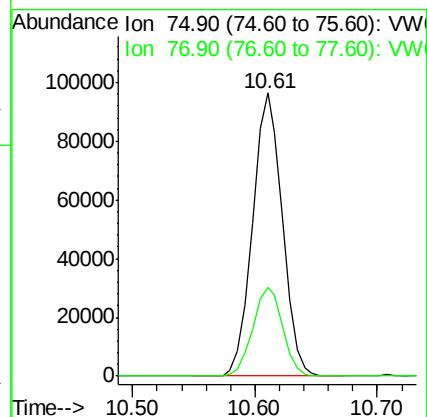
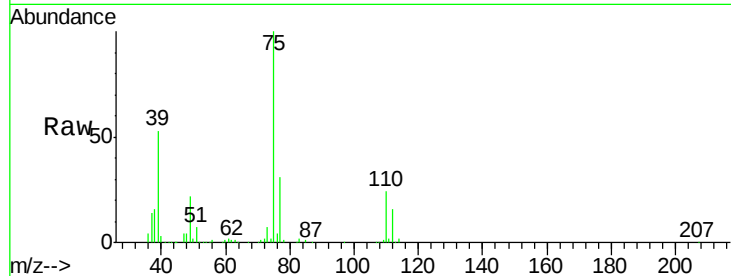
VSTDCCC050

Tgt Ion: 75 Resp: 163073

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 49.438 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

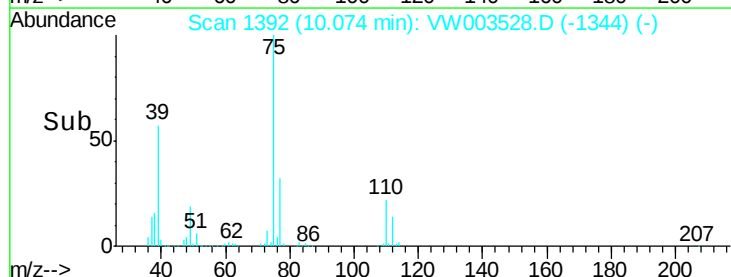
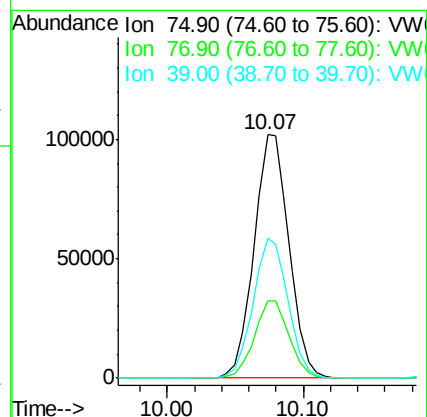
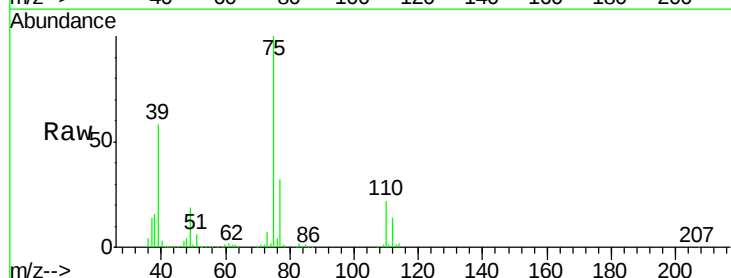
Tgt Ion: 75 Resp: 183483

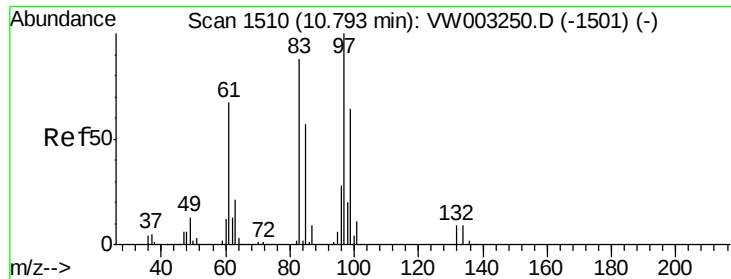
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 57.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 51.684 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 90698

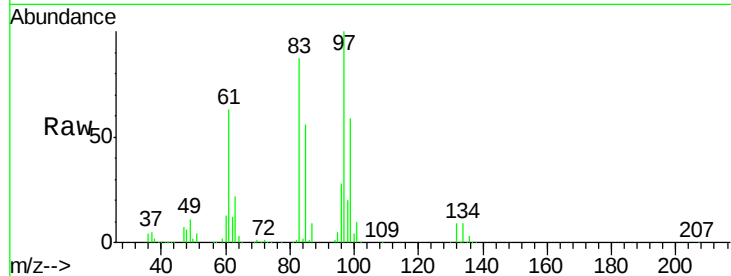
Ion Ratio Lower Upper

97 100

83 87.0 70.2 105.2

85 56.4 45.6 68.4

99 59.2 51.2 76.8



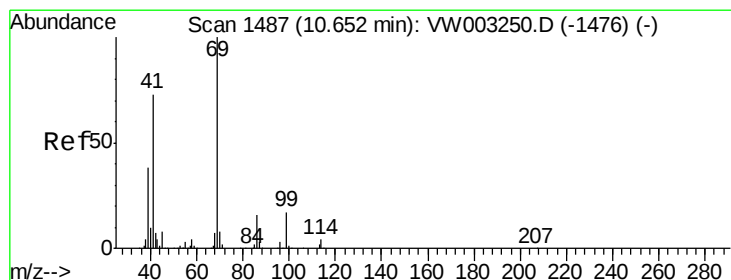
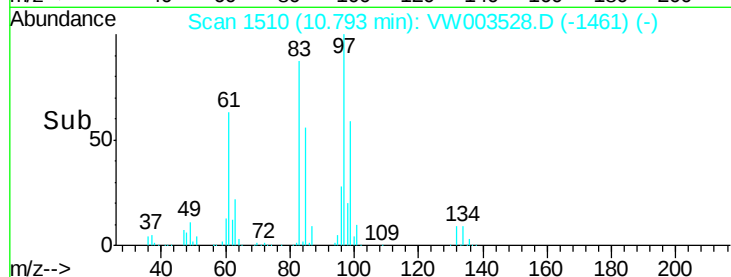
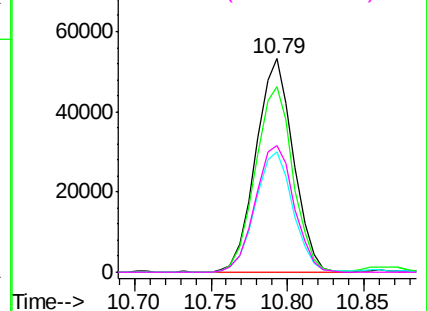
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 55.116 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

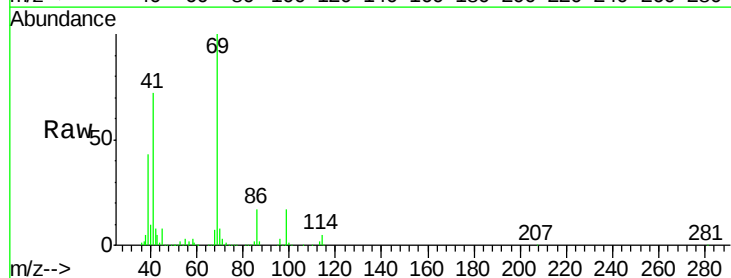
Tgt Ion: 69 Resp: 117451

Ion Ratio Lower Upper

69 100

41 73.6 57.8 86.6

39 40.2 32.7 49.1

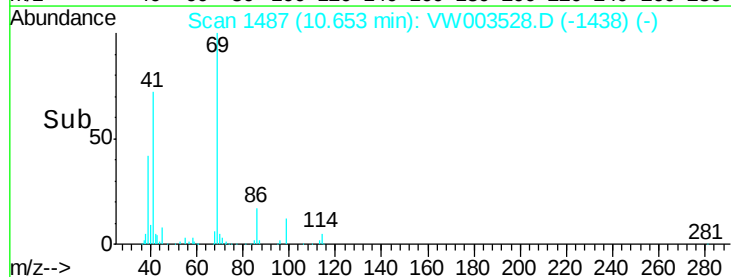
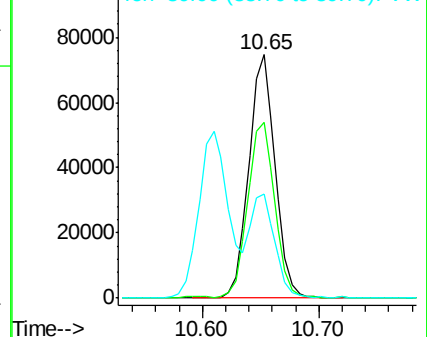


Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 53.024 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

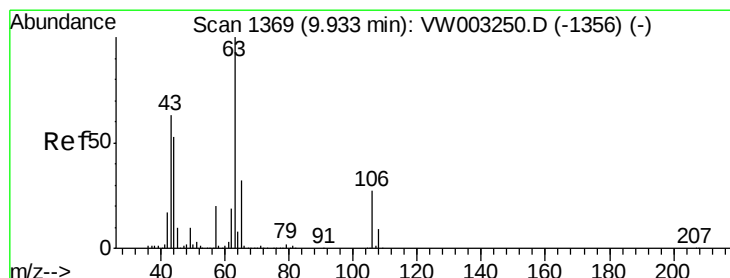
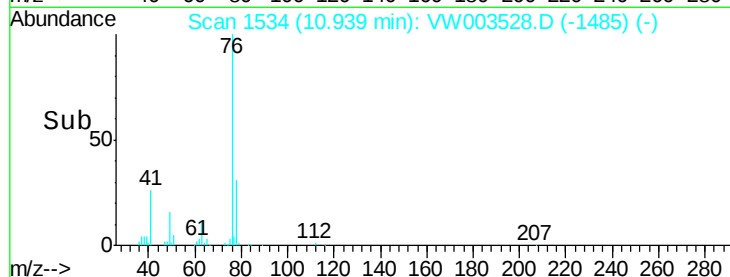
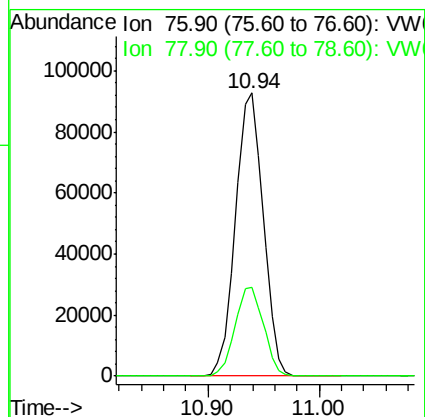
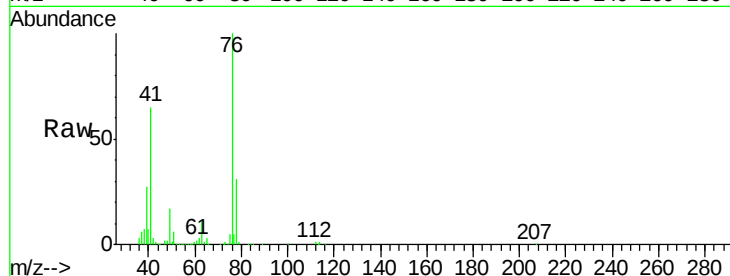
VSTDCCC050

Tgt Ion: 76 Resp: 160484

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 267.628 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003528.D

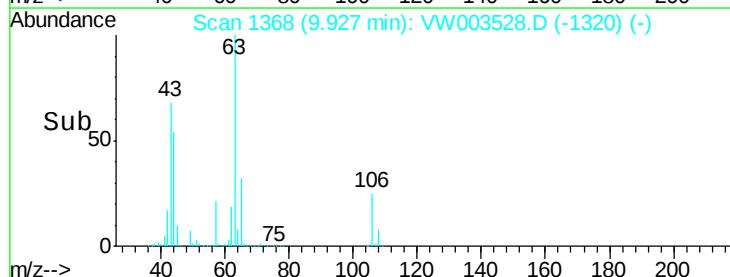
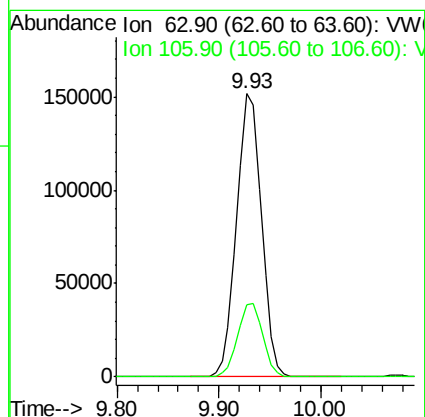
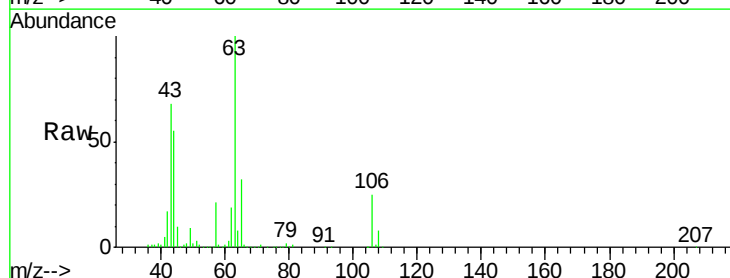
Acq: 25 Jun 2018 00:07

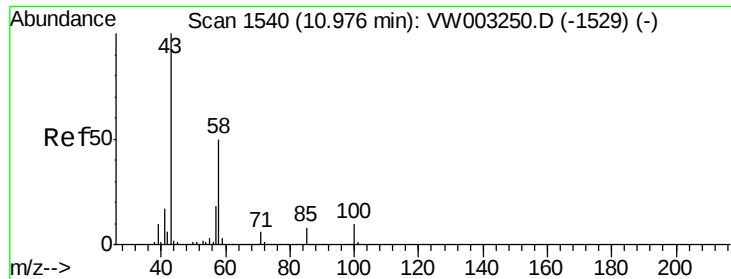
Tgt Ion: 63 Resp: 255658

Ion Ratio Lower Upper

63 100

106 26.2 21.8 32.8

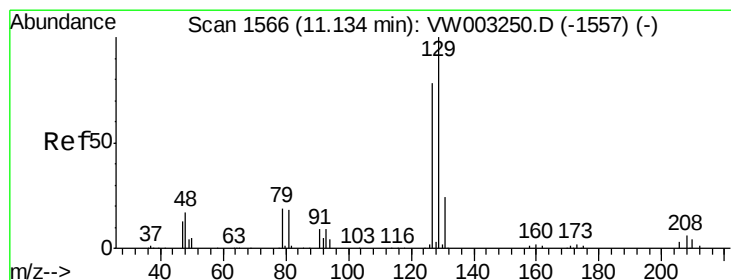
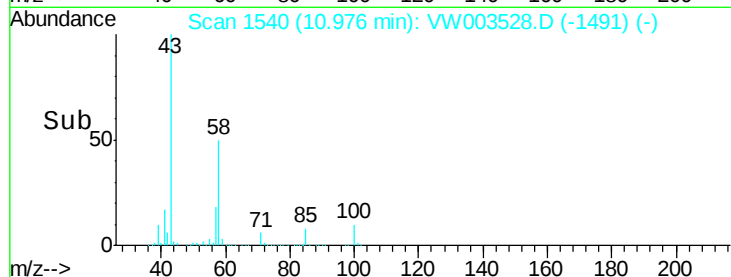
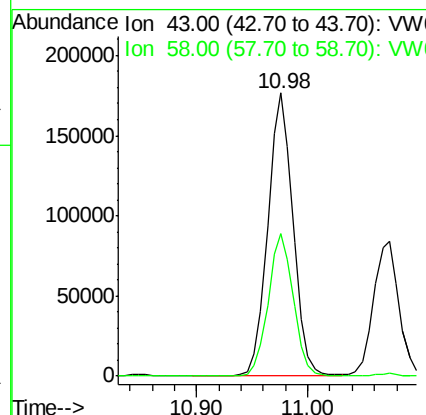
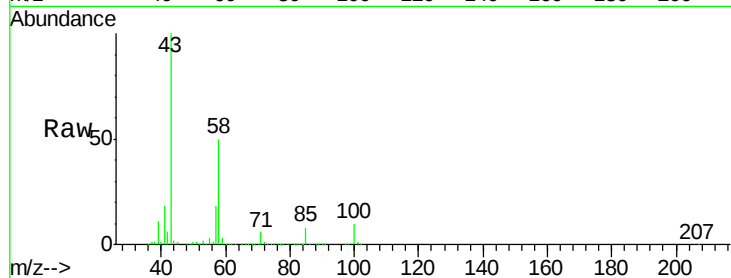




#59
2-Hexanone
Concen: 275.242 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

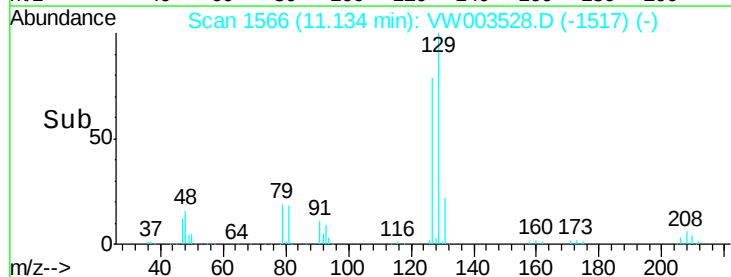
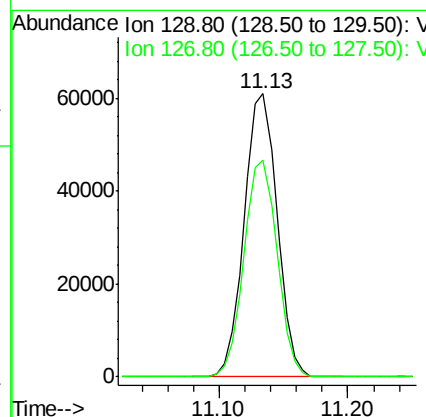
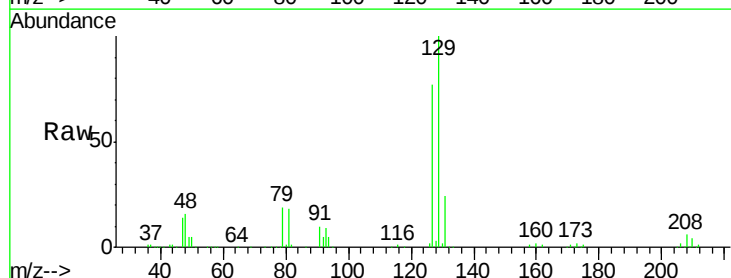
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

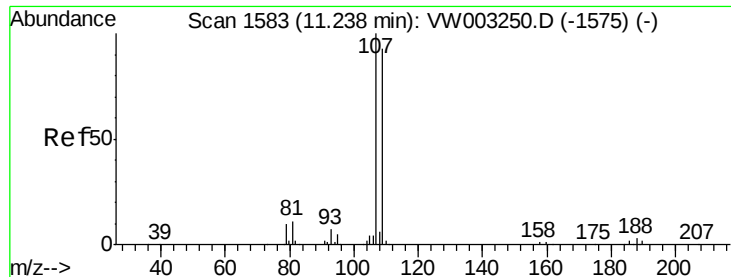
Tgt Ion: 43 Resp: 279332
Ion Ratio Lower Upper
43 100
58 50.1 25.0 75.0



#60
Dibromochloromethane
Concen: 51.772 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 129 Resp: 108044
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.5

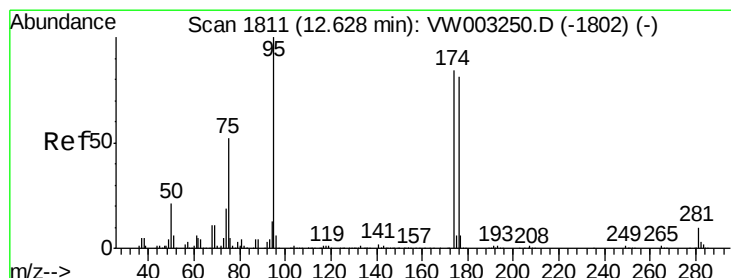
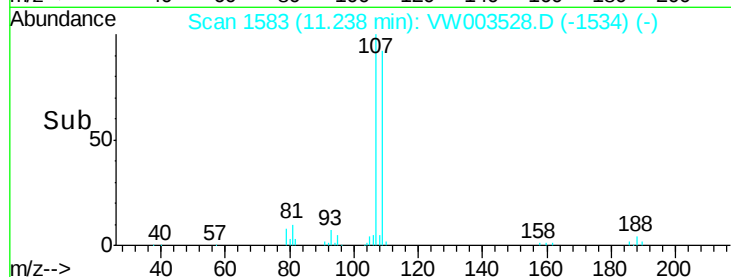
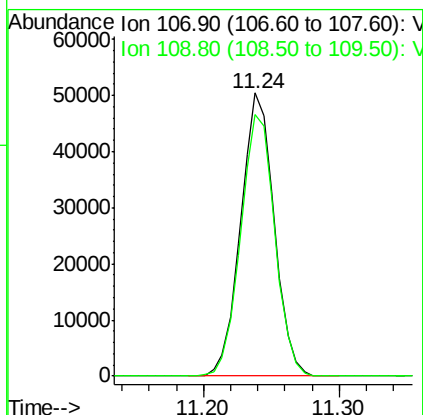
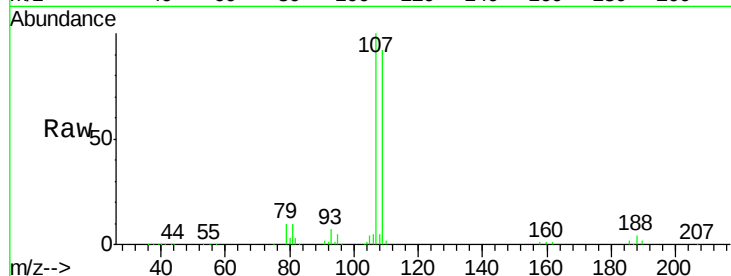




#61
 1,2-Dibromoethane
 Concen: 52.164 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

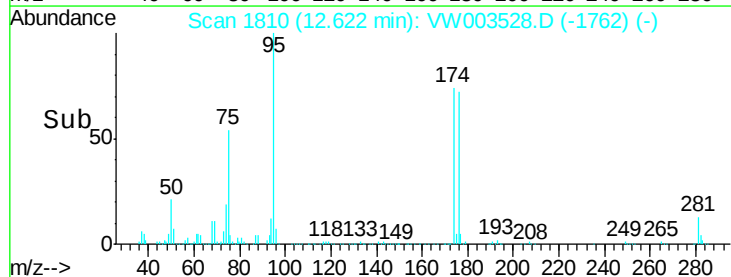
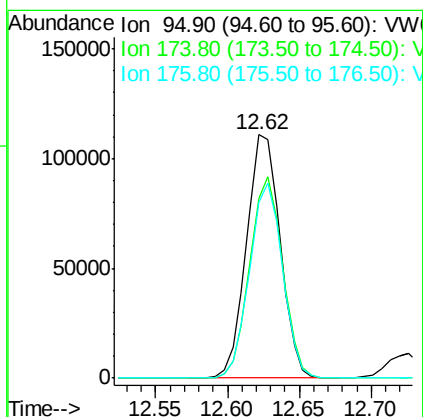
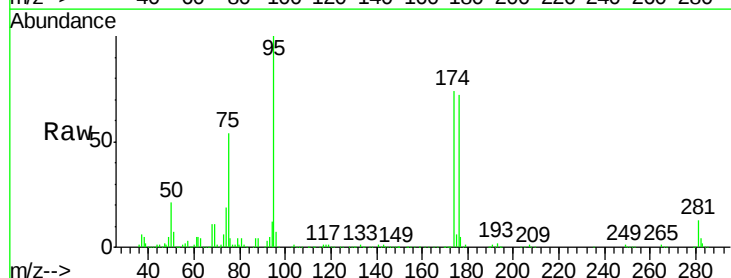
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

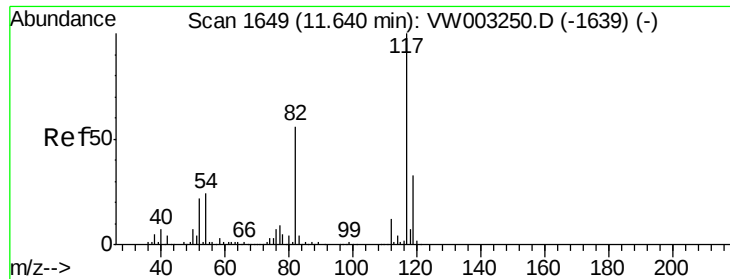
Tgt Ion: 107 Resp: 86589
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 57.241 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 95 Resp: 179120
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 166.4
 176 78.2 0.0 162.0

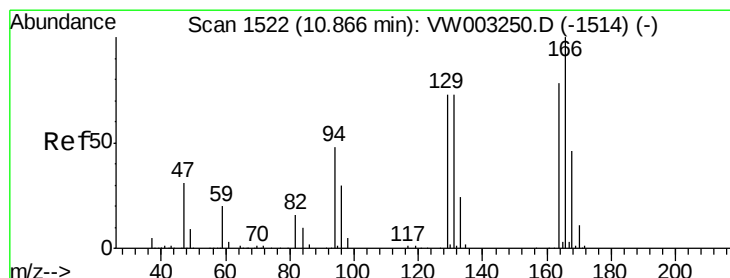
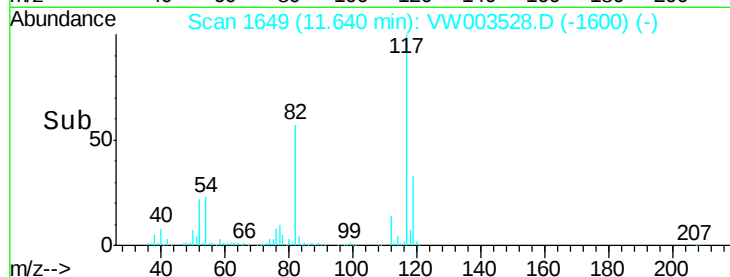
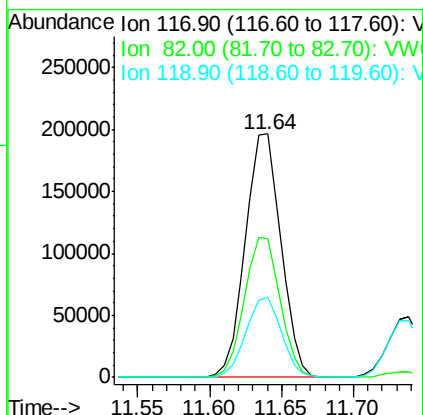
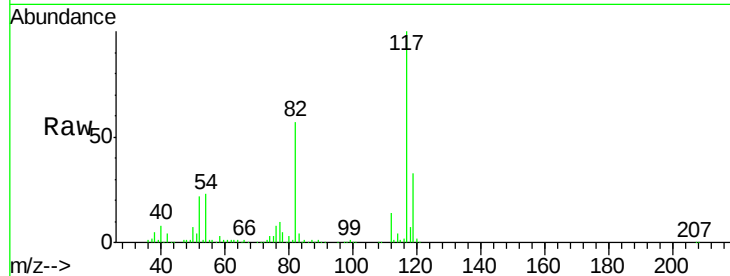




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

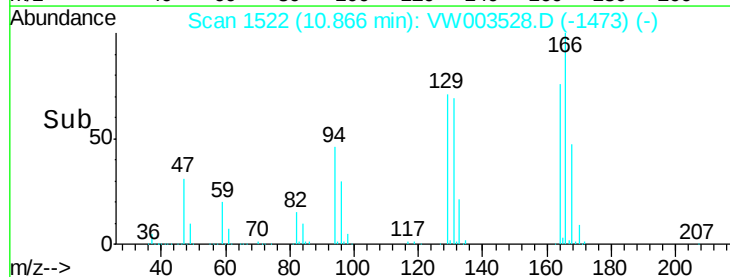
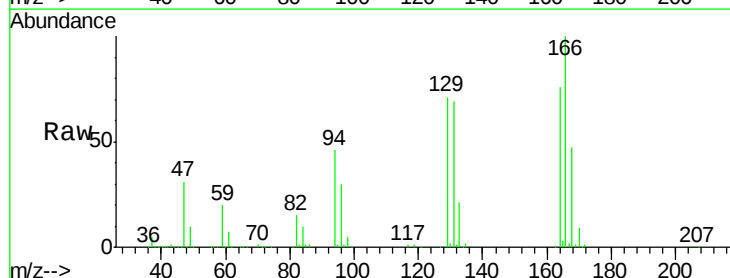
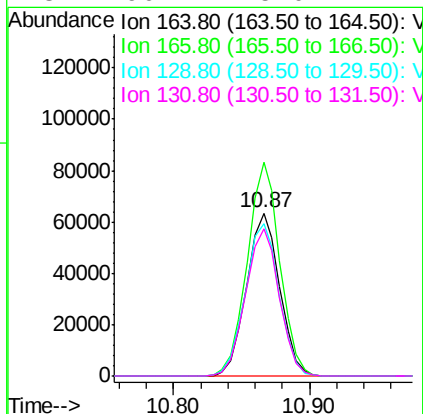
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

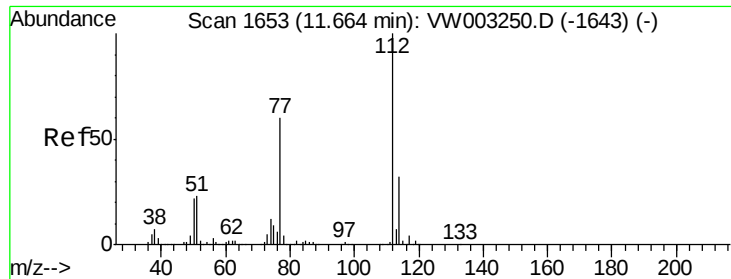
Tgt Ion:117 Resp: 335999
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.7 26.7 40.1



#64
Tetrachloroethene
Concen: 48.163 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion:164 Resp: 108239
Ion Ratio Lower Upper
164 100
166 131.0 102.6 154.0
129 93.2 75.2 112.8
131 90.4 75.0 112.4

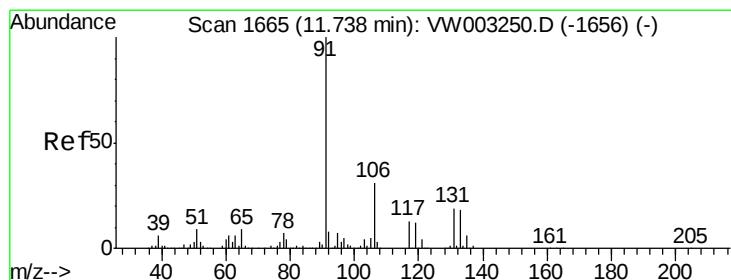
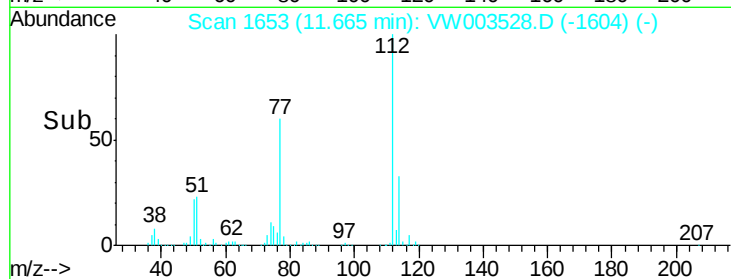
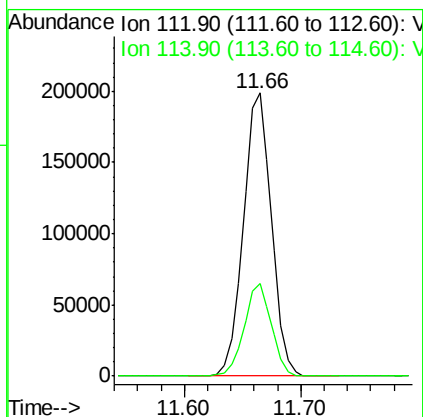
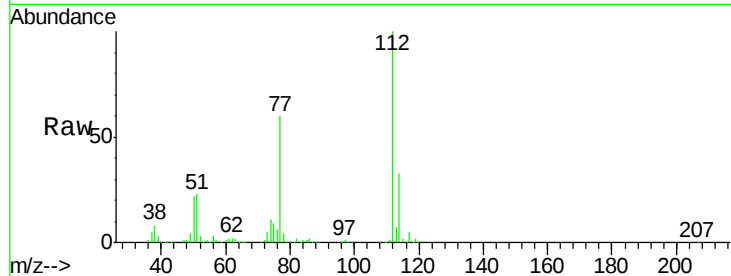




#65
Chlorobenzene
Concen: 47.452 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

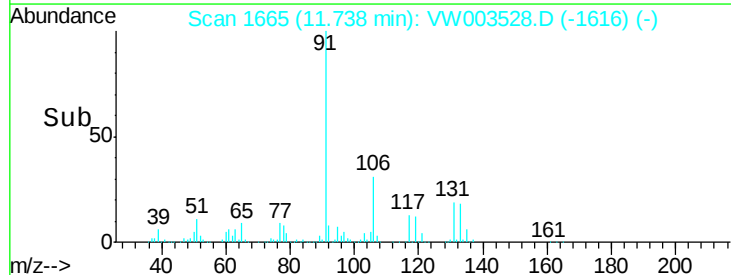
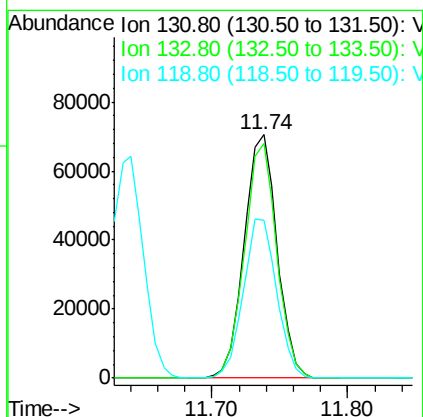
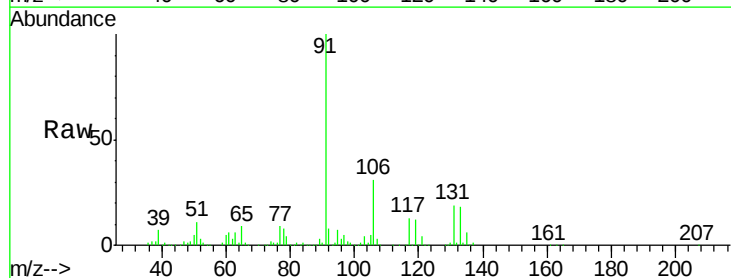
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

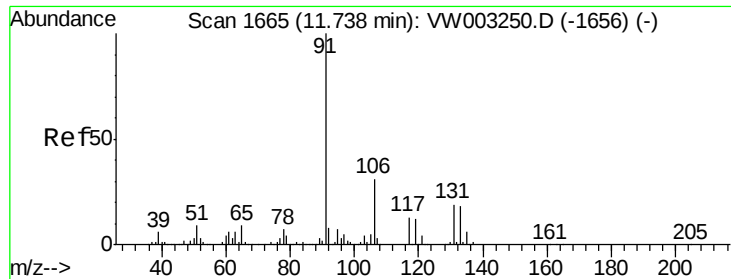
Tgt Ion:112 Resp: 332015
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.612 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion:131 Resp: 119530
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 66.1 32.5 97.4

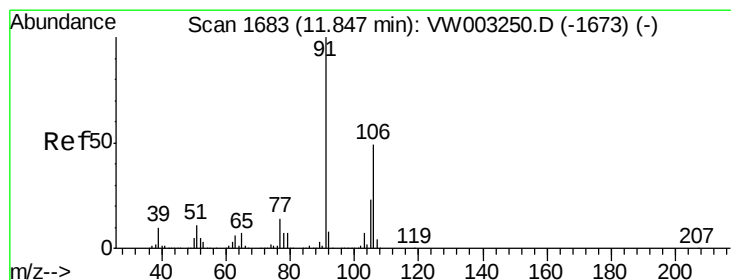
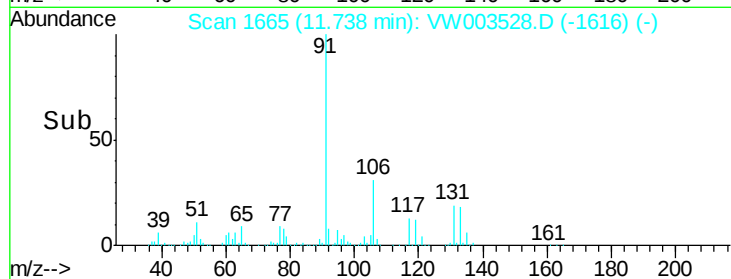
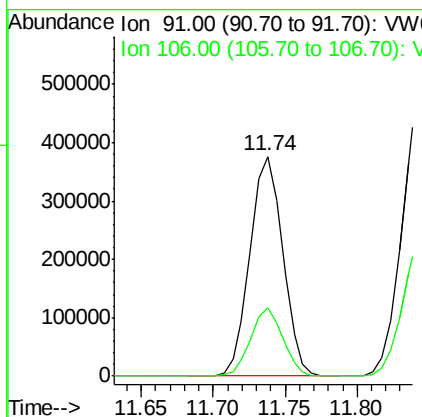
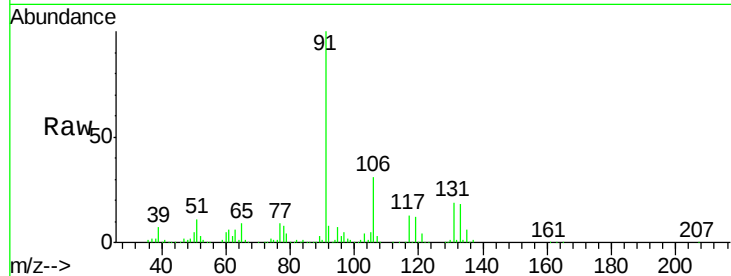




#67
Ethyl Benzene
Concen: 47.889 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

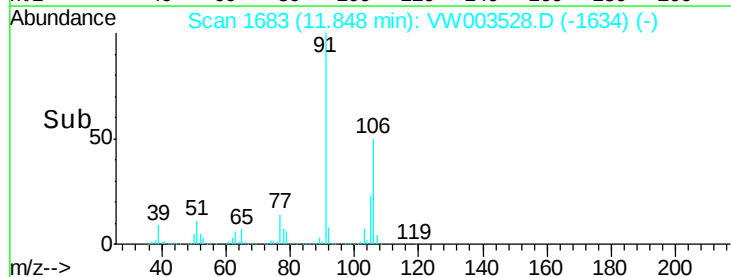
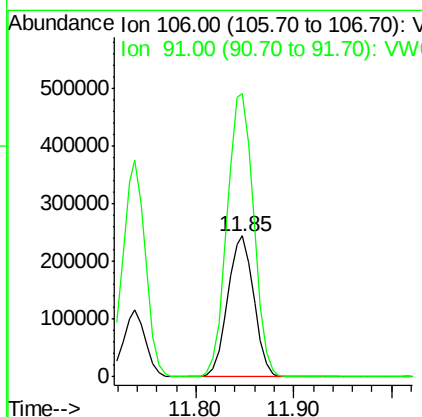
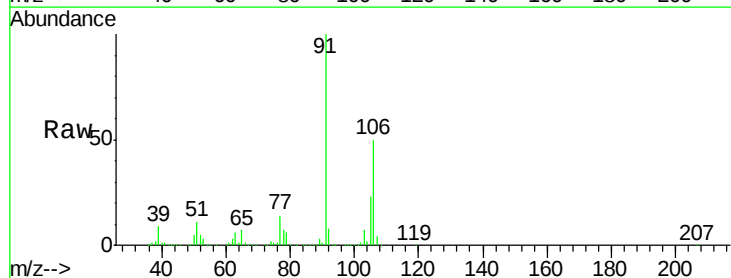
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

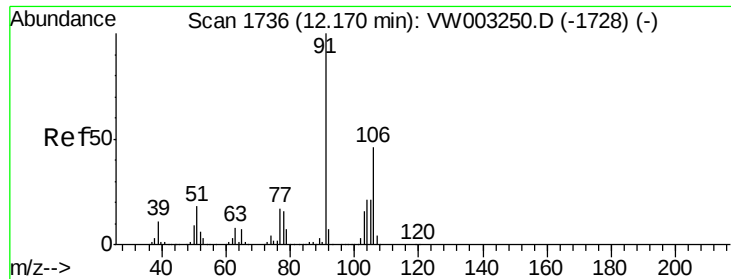
Tgt Ion: 91 Resp: 593966
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1



#68
m/p-Xylenes
Concen: 95.741 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 106 Resp: 451401
Ion Ratio Lower Upper
106 100
91 205.0 165.4 248.0

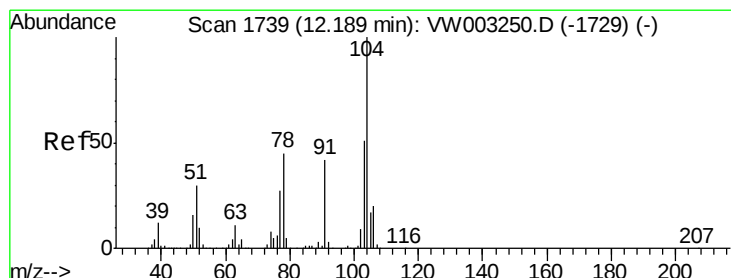
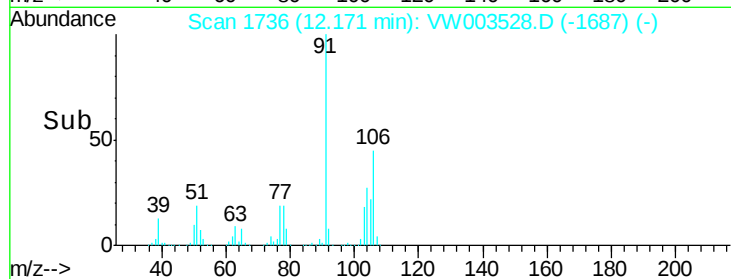
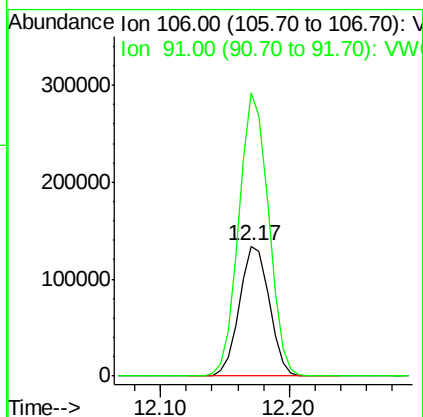
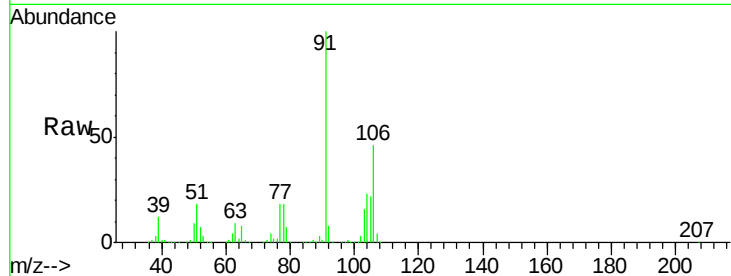




#69
o-Xylene
Concen: 49.355 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

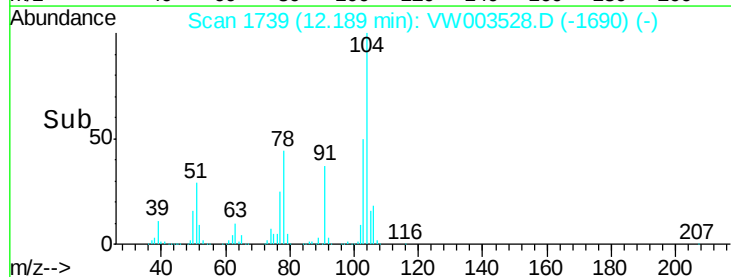
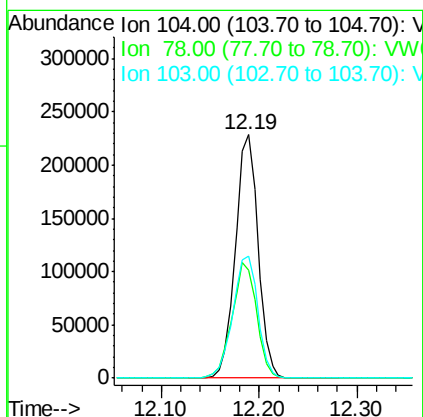
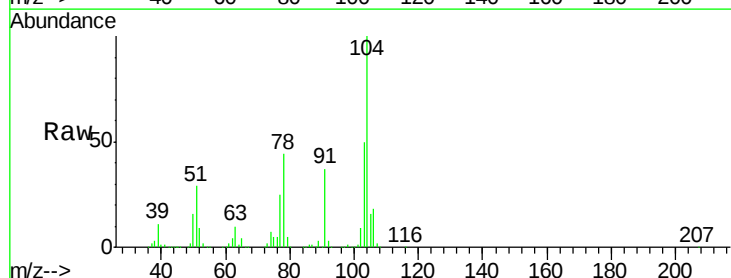
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

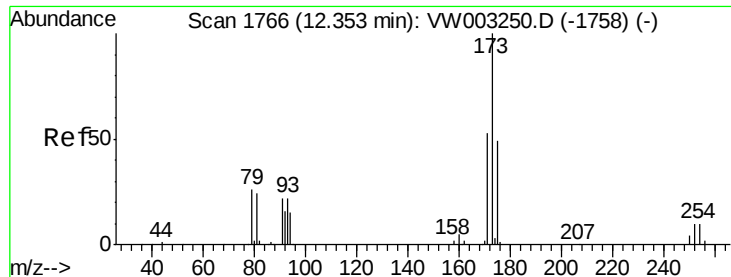
Tgt Ion:106 Resp: 215658
Ion Ratio Lower Upper
106 100
91 215.5 108.6 325.6



#70
Styrene
Concen: 50.659 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion:104 Resp: 368445
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 55.3 45.0 67.4





#71

Bromoform

Concen: 50.605 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

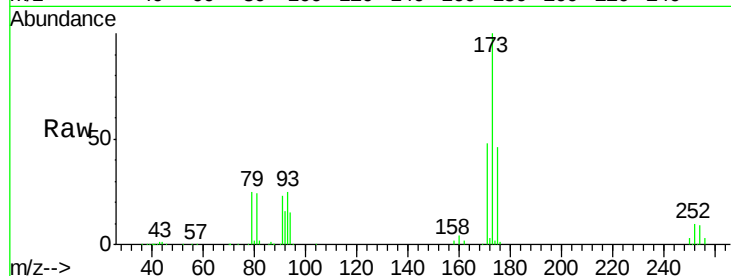
Tgt Ion:173 Resp: 64488

Ion Ratio Lower Upper

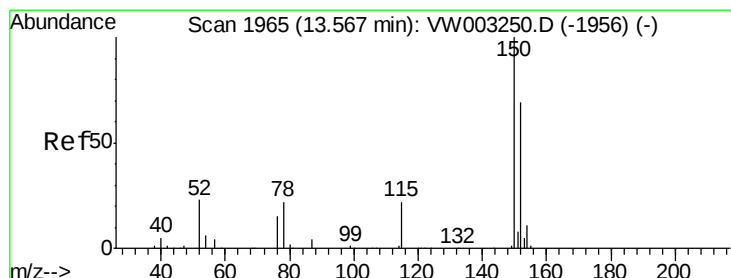
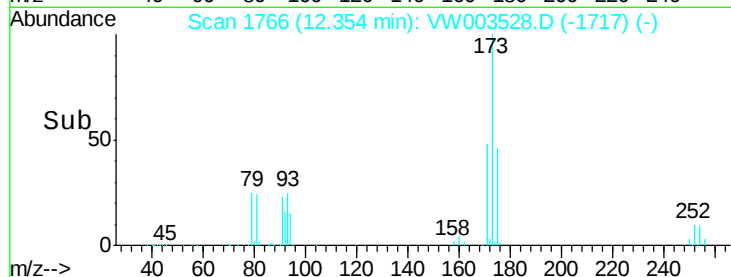
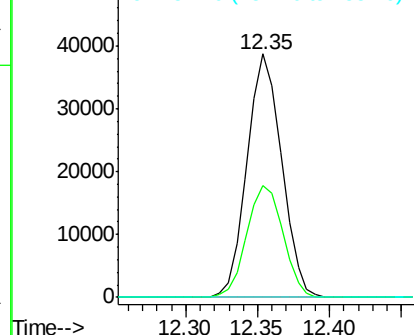
173 100

175 48.0 24.4 73.4

254 0.0 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: VW003528.D

Acq: 25 Jun 2018 00:07

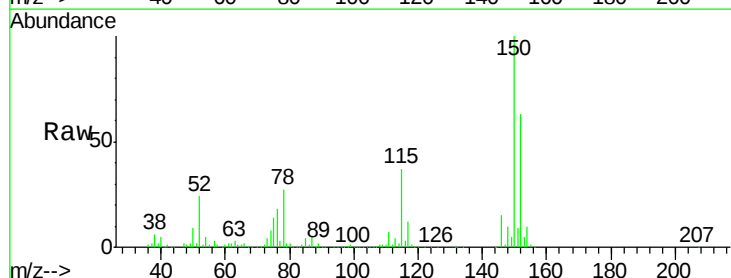
Tgt Ion:152 Resp: 180017

Ion Ratio Lower Upper

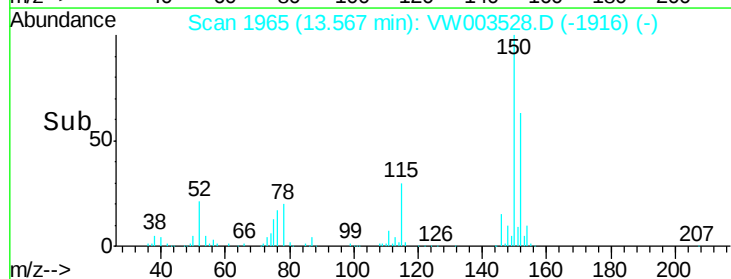
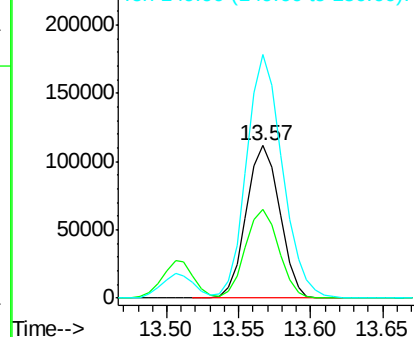
152 100

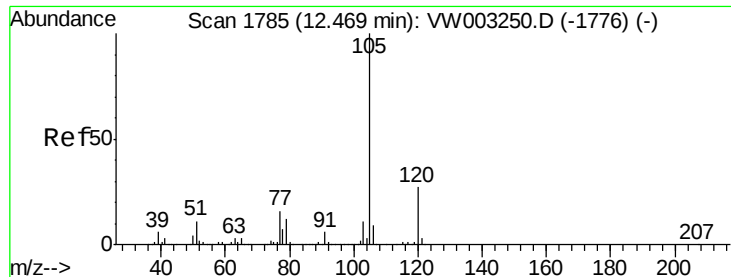
115 57.8 29.3 88.0

150 171.2 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: 47.139 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

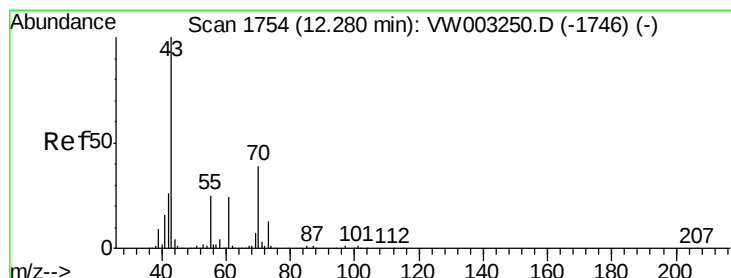
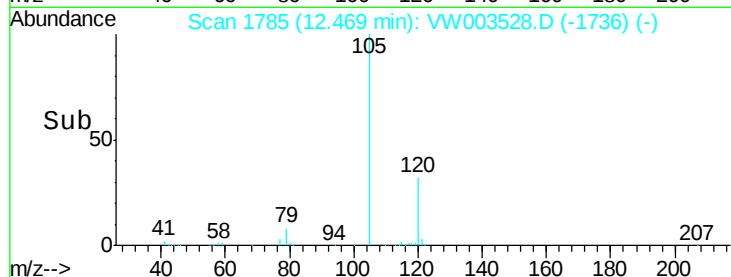
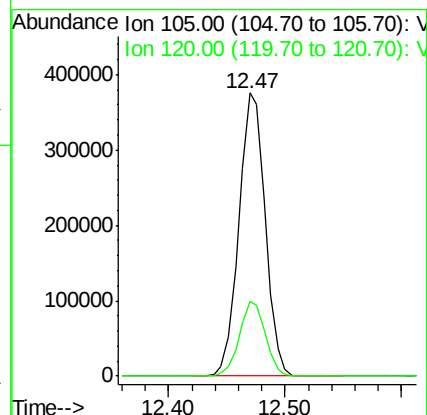
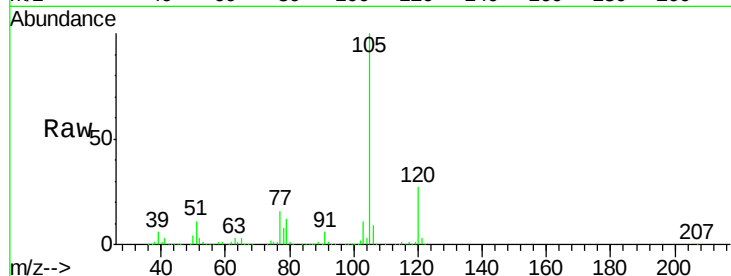
VSTDCCC050

Tgt Ion:105 Resp: 590226

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 52.689 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion: 43 Resp: 150160

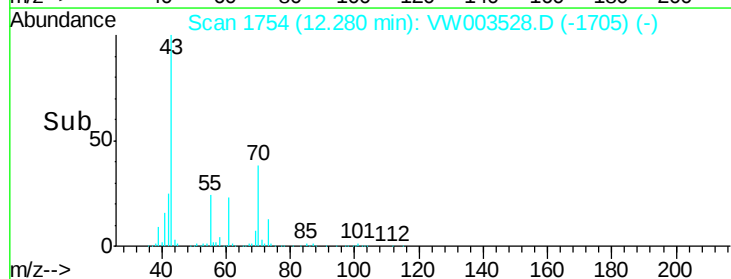
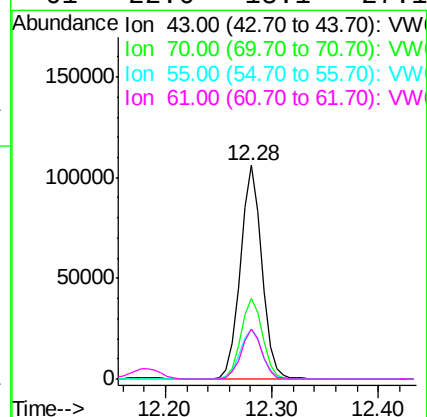
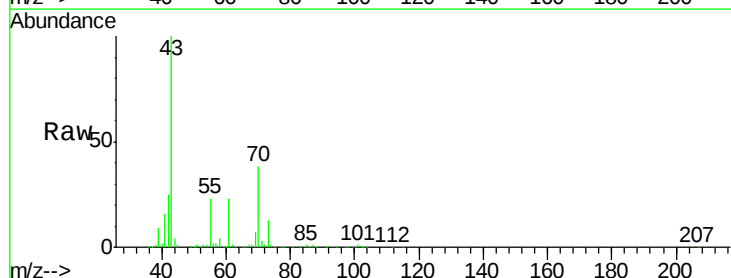
Ion Ratio Lower Upper

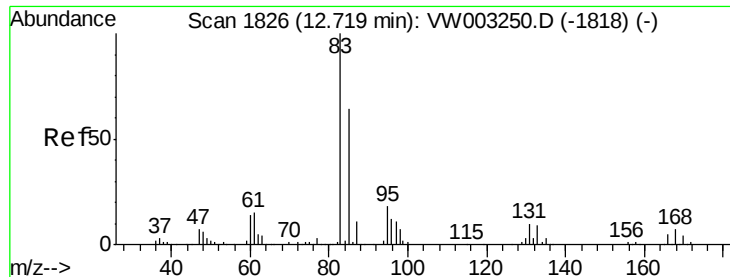
43 100

70 38.5 31.0 46.6

55 24.3 19.7 29.5

61 22.6 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.831 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

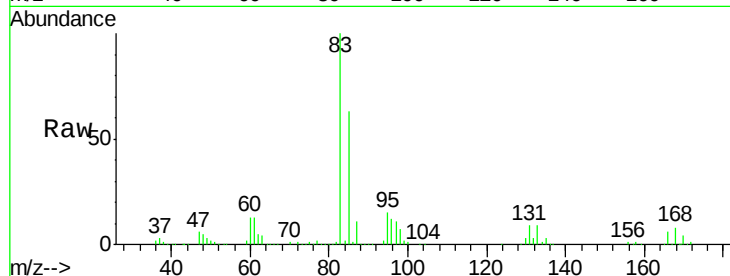
Tgt Ion: 83 Resp: 109793

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

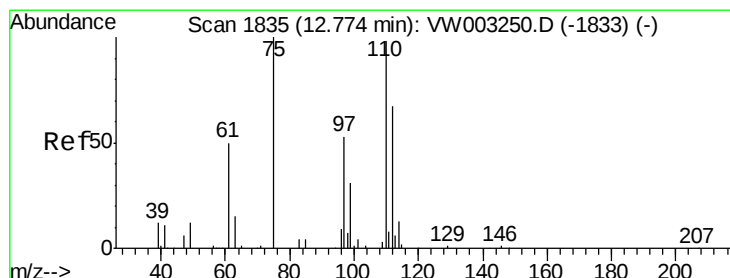
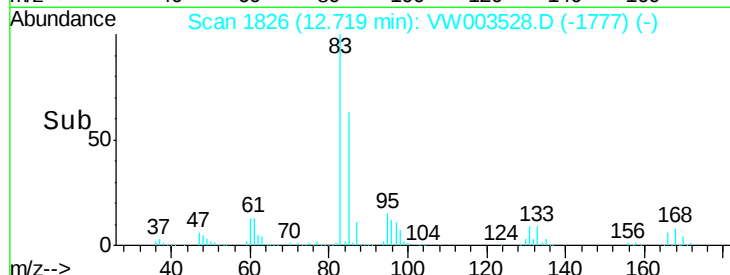
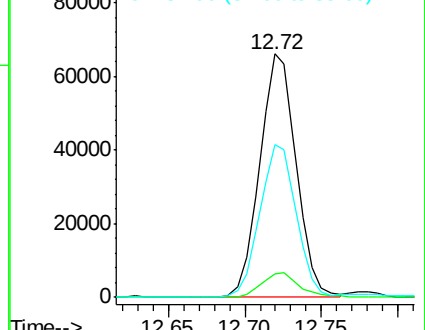
85 63.1 31.9 95.7



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: 95.103 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003528.D

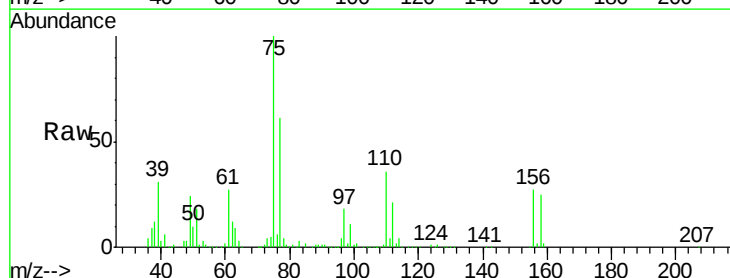
Acq: 25 Jun 2018 00:07

Tgt Ion: 75 Resp: 146357

Ion Ratio Lower Upper

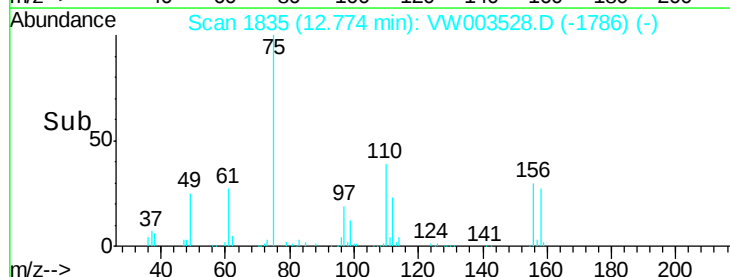
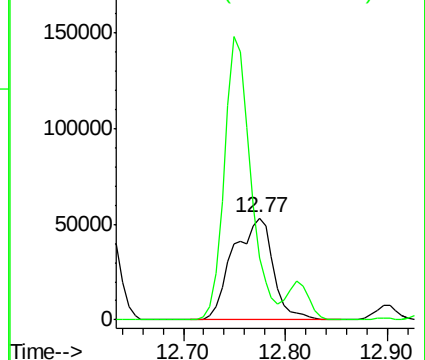
75 100

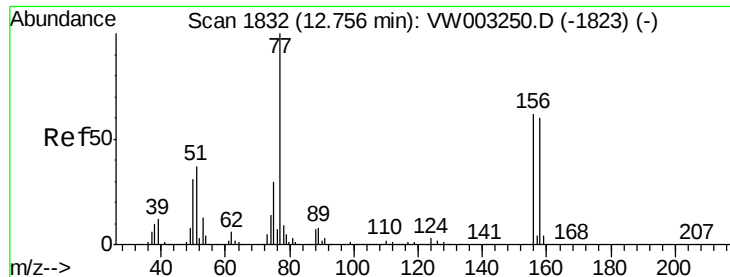
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.208 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

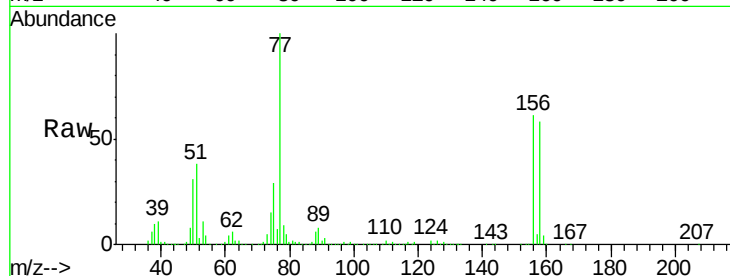
Tgt Ion:156 Resp: 140575

Ion Ratio Lower Upper

156 100

77 189.4 92.3 276.9

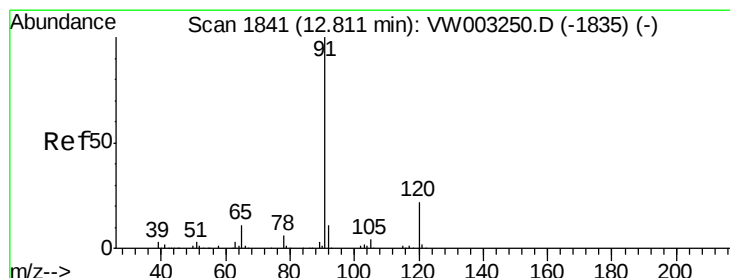
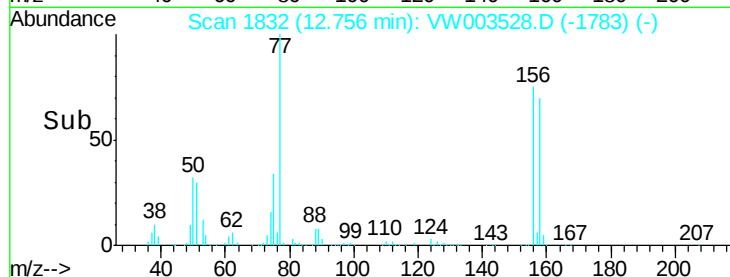
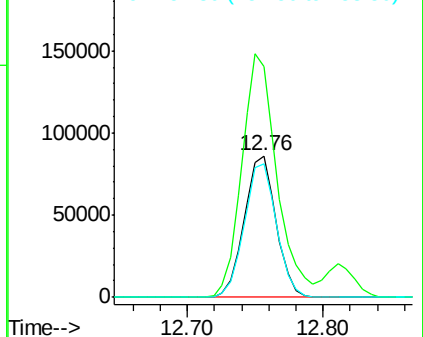
158 96.1 47.5 142.6



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: 47.239 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003528.D

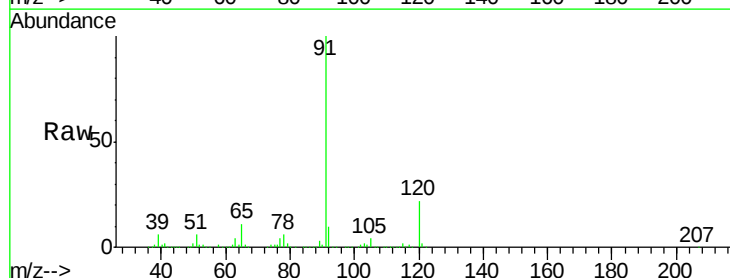
Acq: 25 Jun 2018 00:07

Tgt Ion: 91 Resp: 724246

Ion Ratio Lower Upper

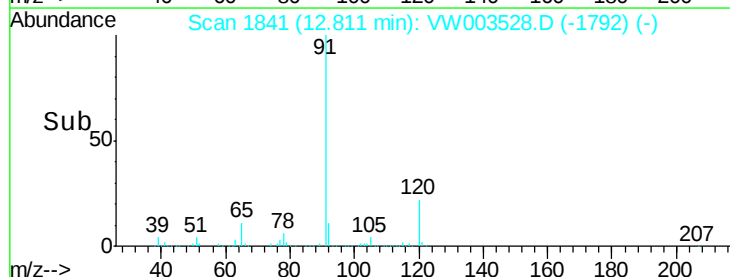
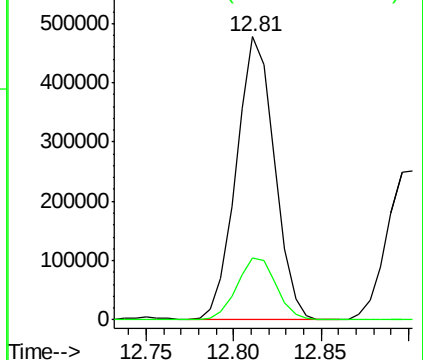
91 100

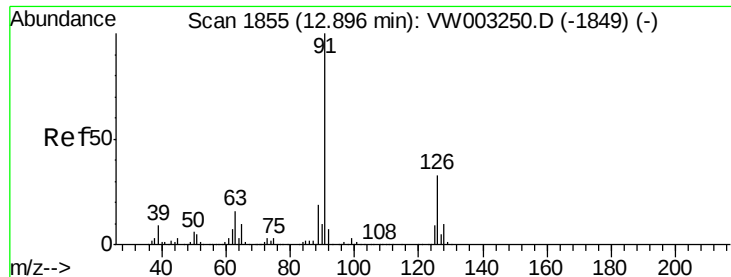
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.871 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

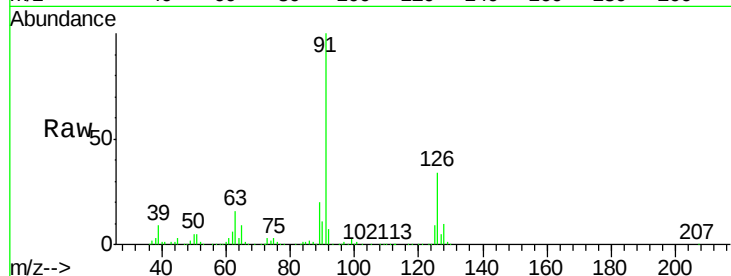
VSTDCCC050

Tgt Ion: 91 Resp: 414763

Ion Ratio Lower Upper

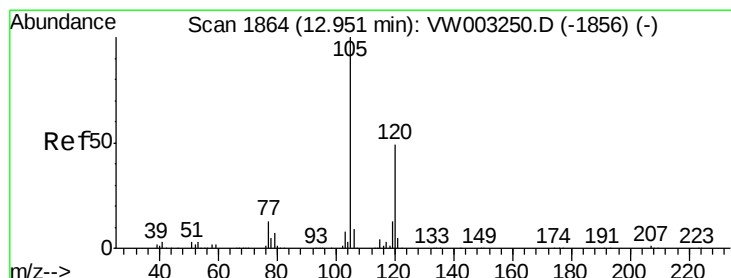
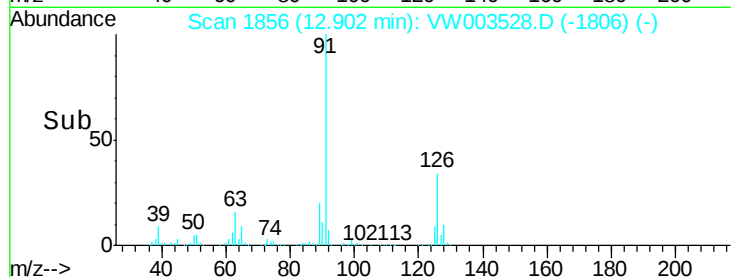
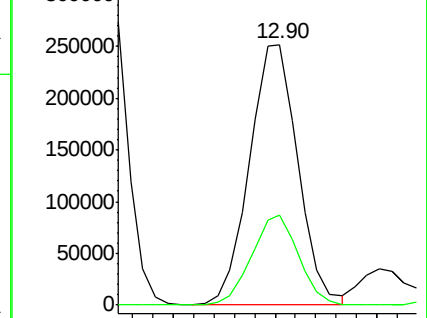
91 100

126 33.6 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.102 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003528.D

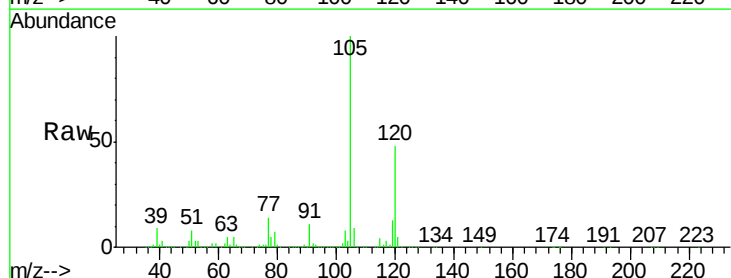
Acq: 25 Jun 2018 00:07

Tgt Ion: 105 Resp: 505538

Ion Ratio Lower Upper

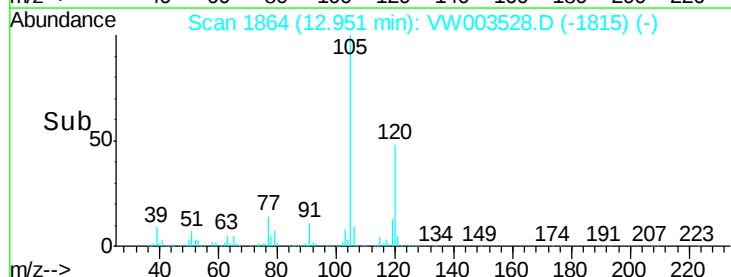
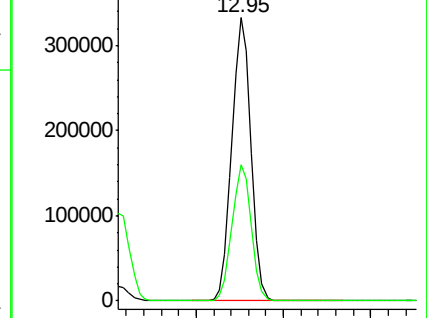
105 100

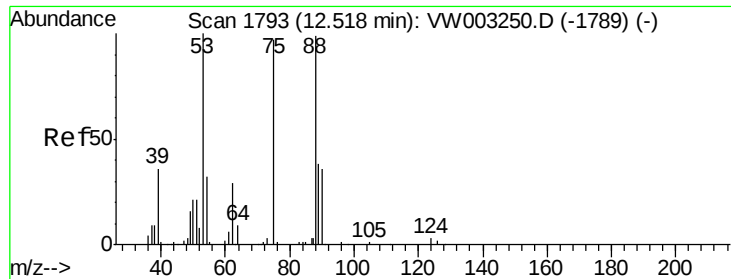
120 48.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.308 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

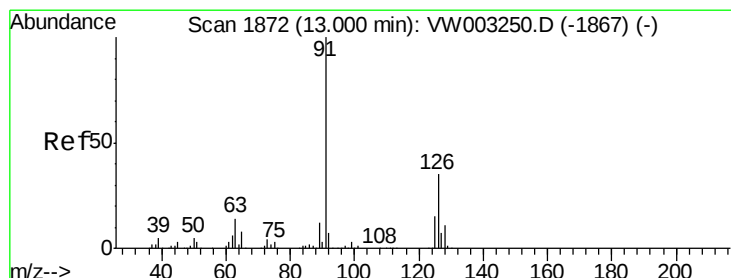
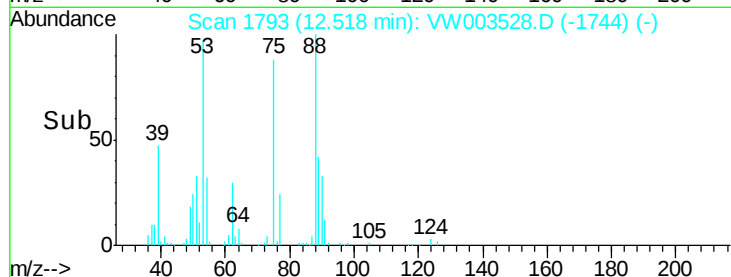
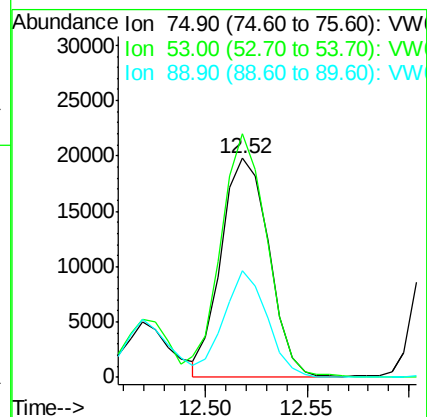
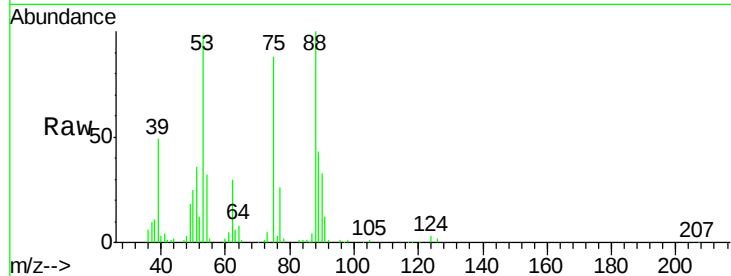
Tgt Ion: 75 Resp: 32308

Ion Ratio Lower Upper

75 100

53 108.2 82.9 124.3

89 44.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 47.539 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW003528.D

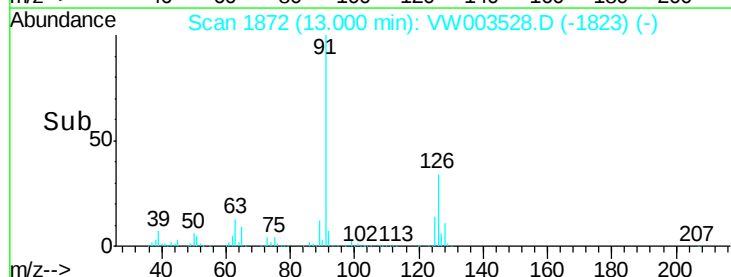
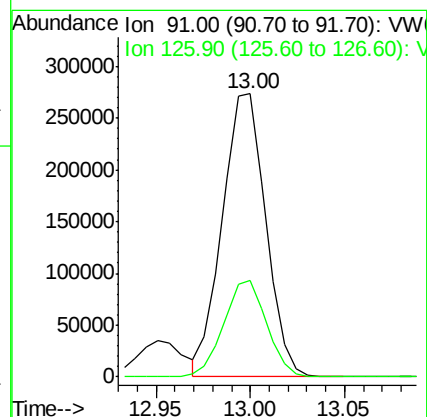
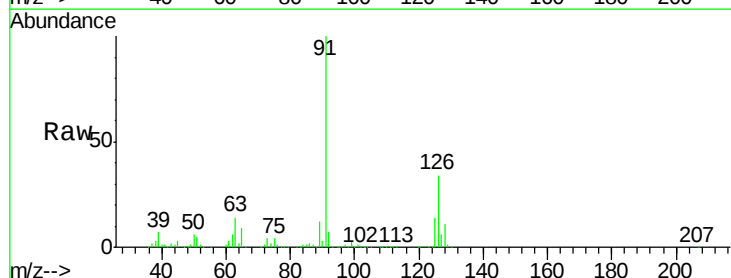
Acq: 25 Jun 2018 00:07

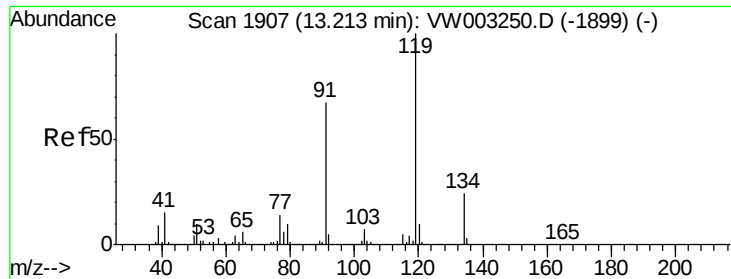
Tgt Ion: 91 Resp: 436939

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.3

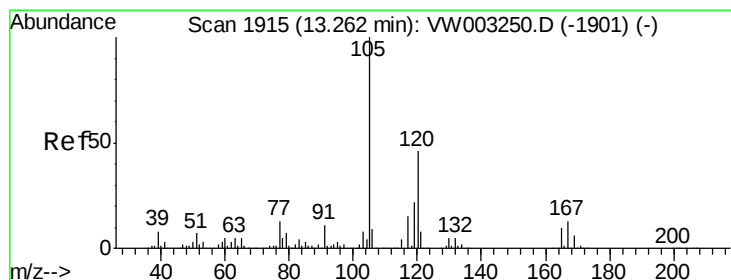
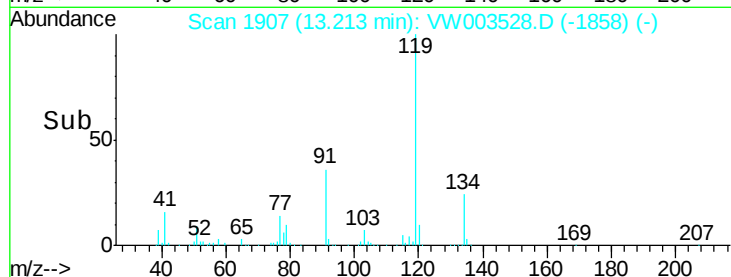
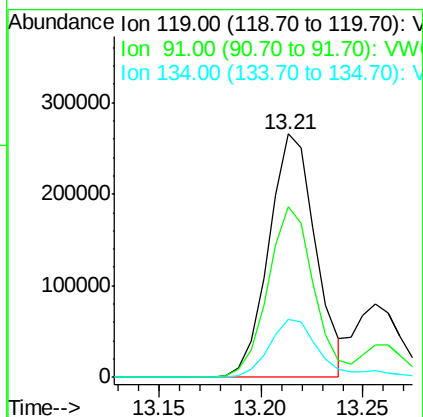
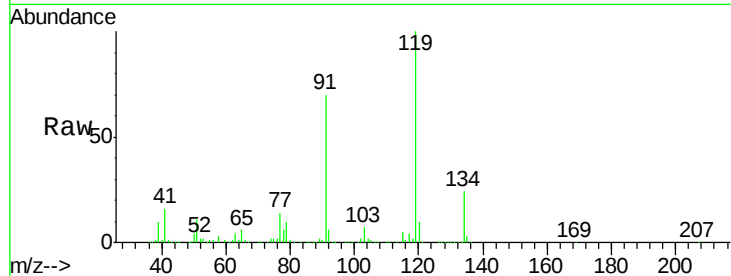




#83
 tert-Butylbenzene
 Concen: 47.420 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

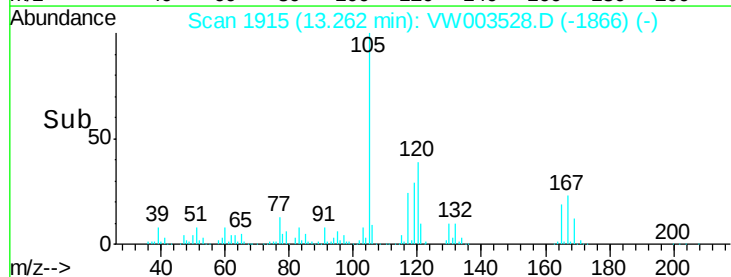
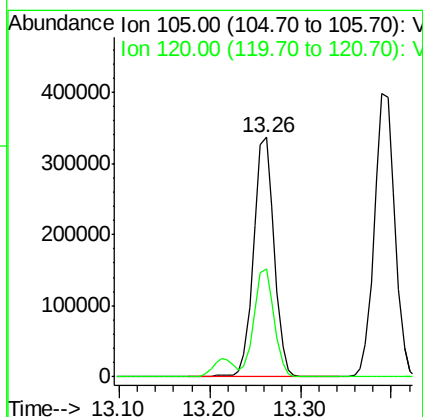
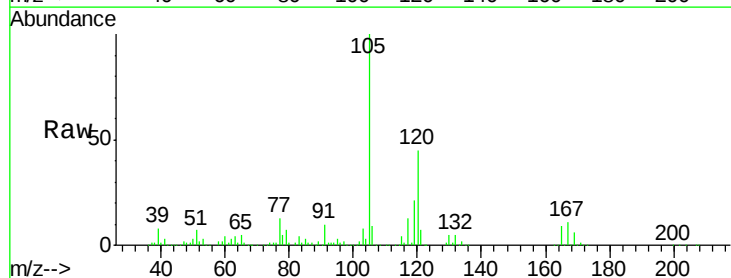
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

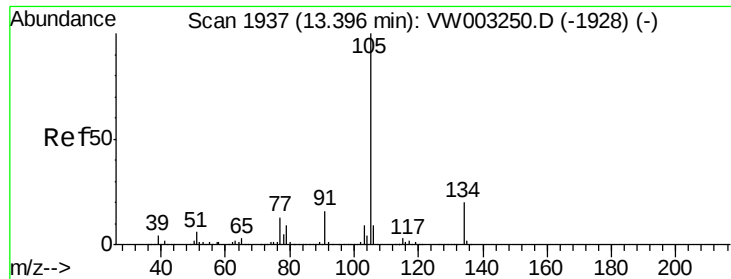
Tgt Ion:119 Resp: 424720
 Ion Ratio Lower Upper
 119 100
 91 69.0 33.9 101.7
 134 26.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.573 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion:105 Resp: 525119
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.5 67.5

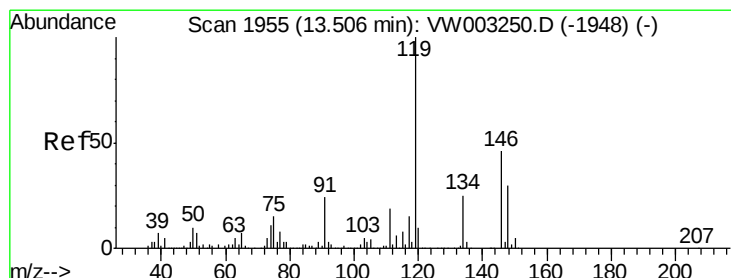
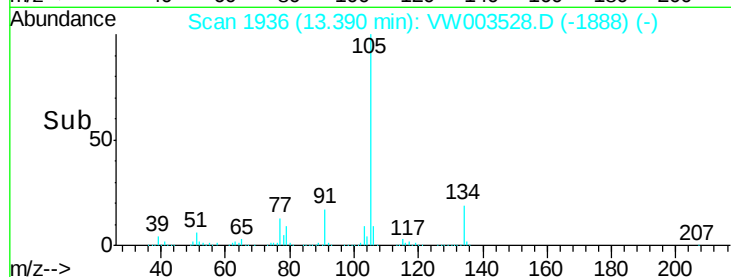
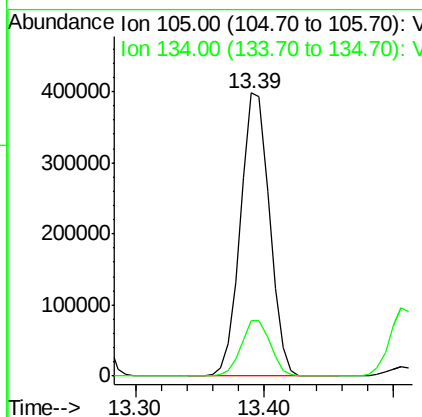
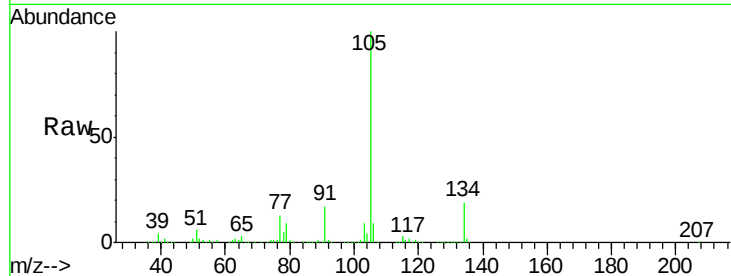




#85
 sec-Butylbenzene
 Concen: 46.624 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

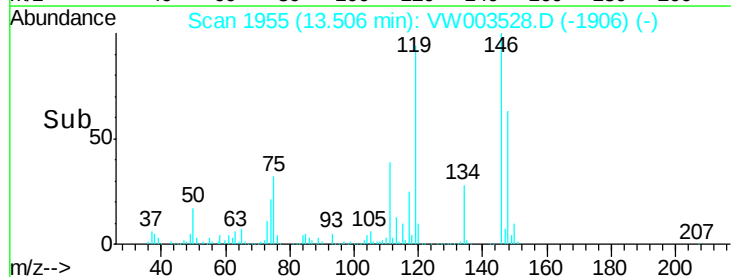
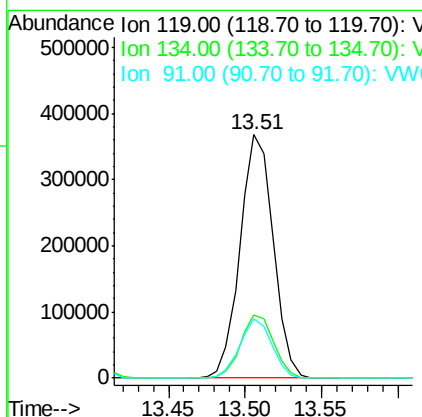
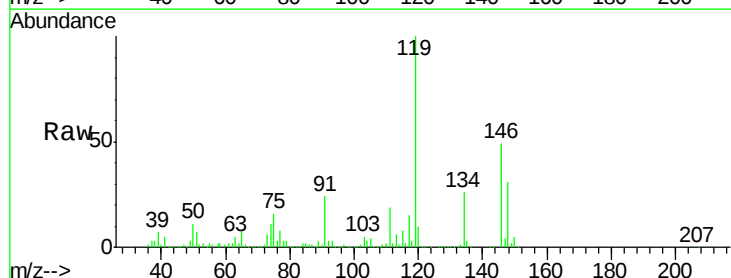
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

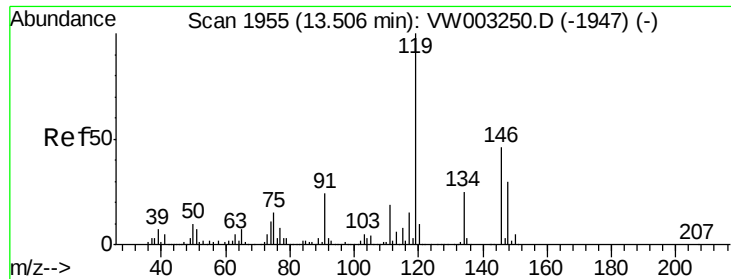
Tgt Ion:105 Resp: 620710
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 47.114 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion:119 Resp: 553214
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.7 11.8 35.3

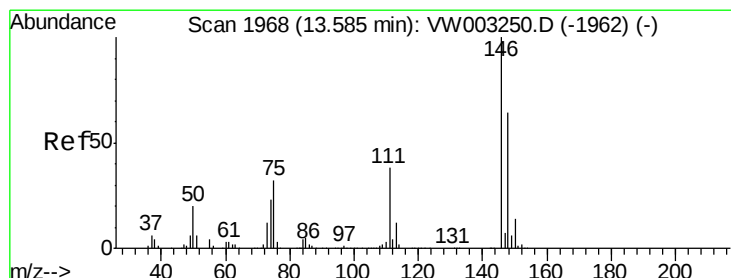
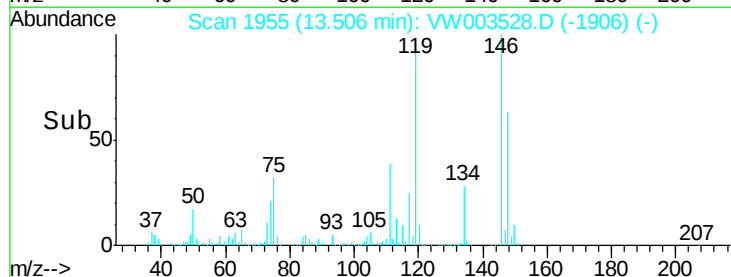
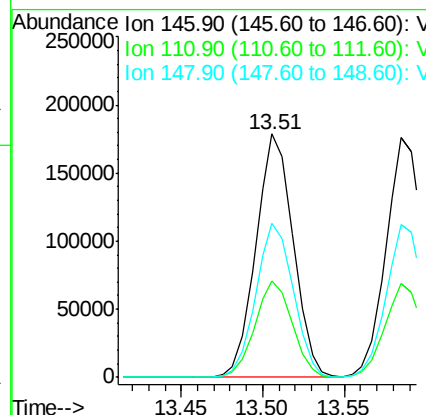
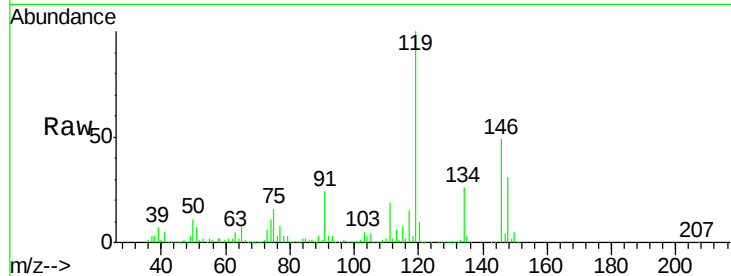




#87
 1,3-Dichlorobenzene
 Concen: 47.364 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

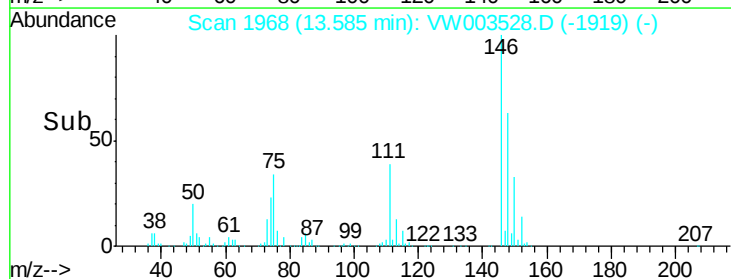
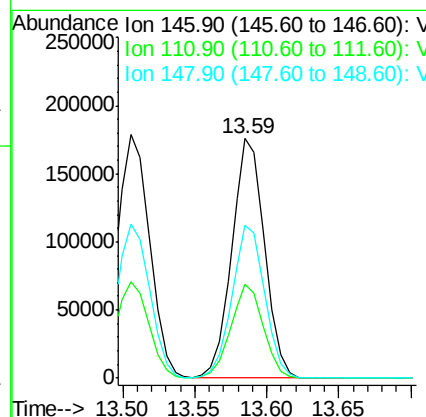
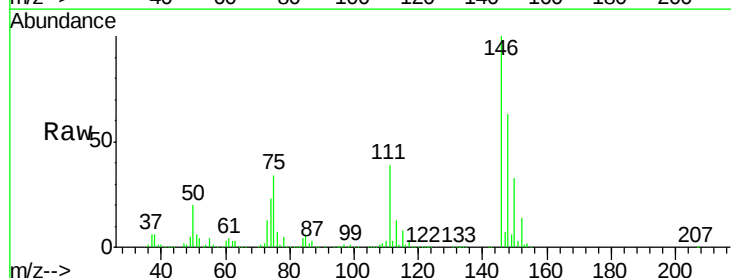
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 283728
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.4
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.874 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion:146 Resp: 279146
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.2 57.6
 148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 46.658 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

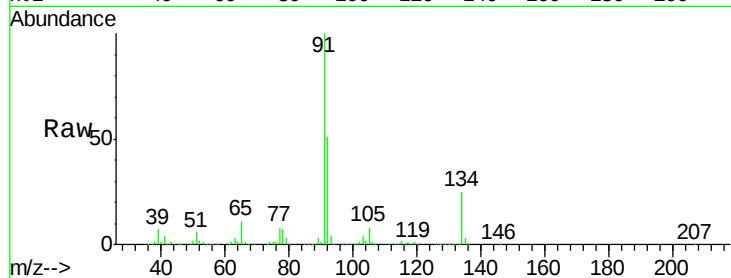
Tgt Ion: 91 Resp: 534037

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

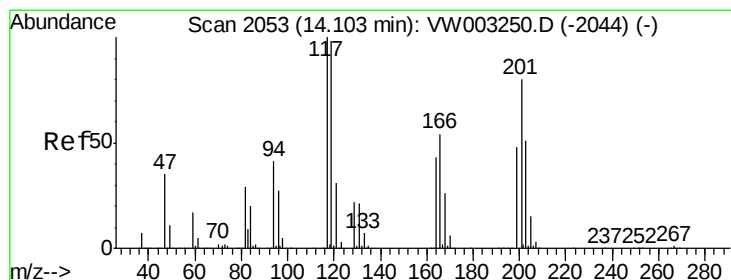
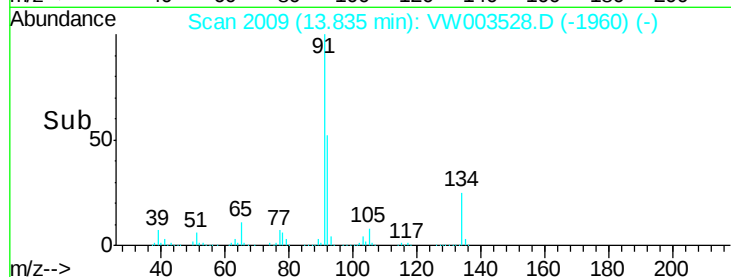
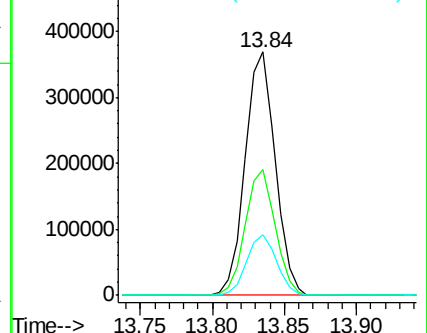
134 24.9 12.7 38.0



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: 46.796 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003528.D

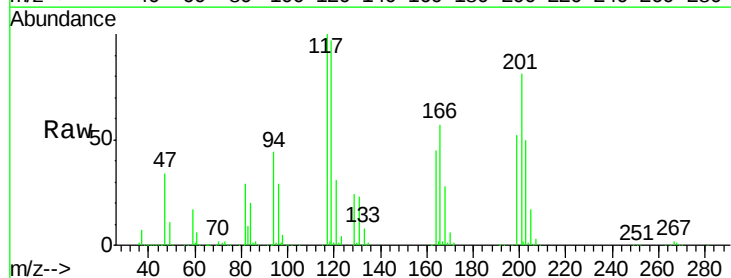
Acq: 25 Jun 2018 00:07

Tgt Ion: 117 Resp: 99401

Ion Ratio Lower Upper

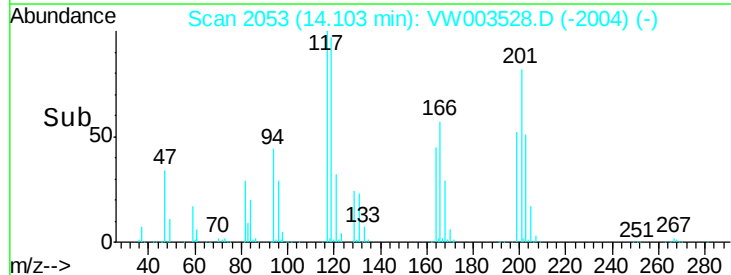
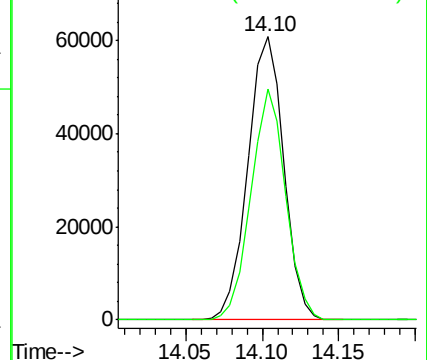
117 100

201 78.7 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: 48.472 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

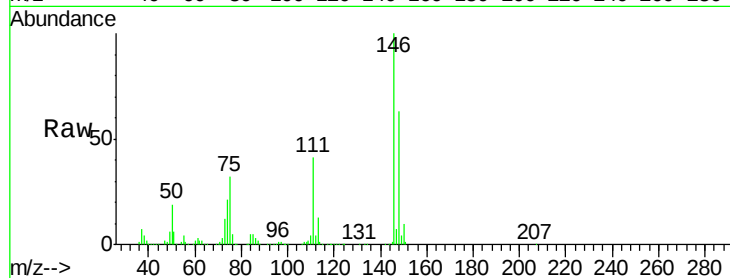
Tgt Ion:146 Resp: 254348

Ion Ratio Lower Upper

146 100

111 41.6 20.3 61.0

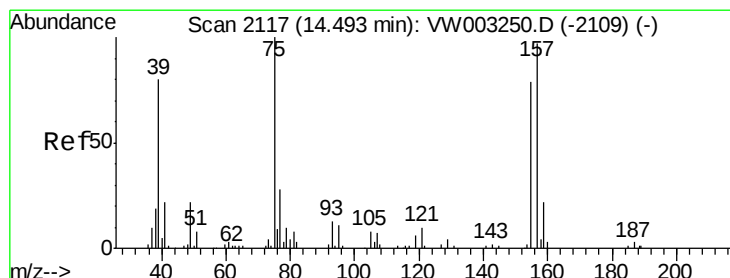
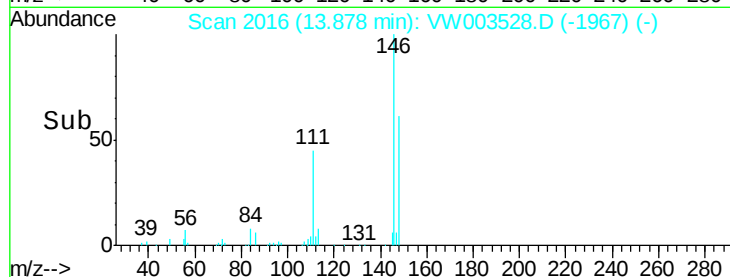
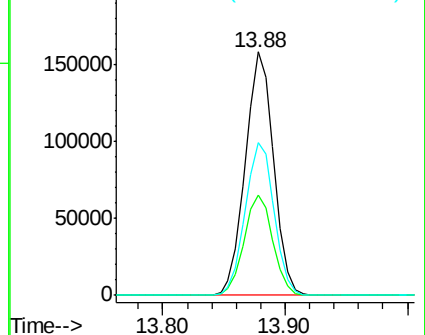
148 63.9 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.119 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

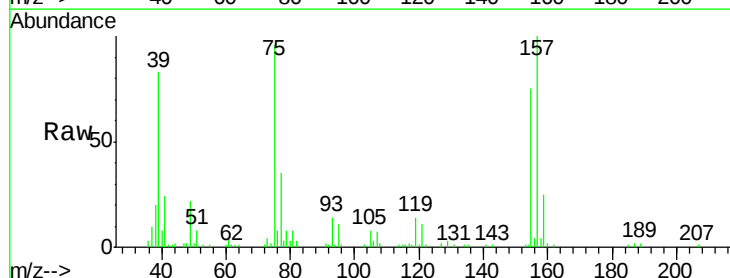
Tgt Ion: 75 Resp: 18579

Ion Ratio Lower Upper

75 100

155 75.5 39.4 118.2

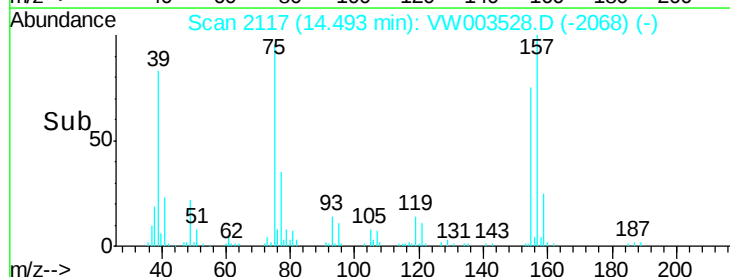
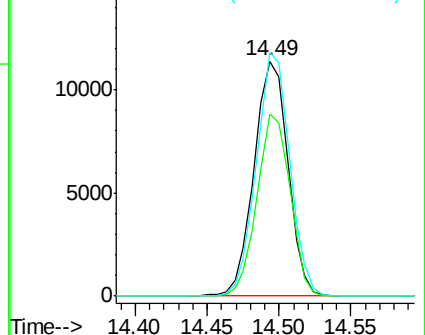
157 102.0 51.5 154.5

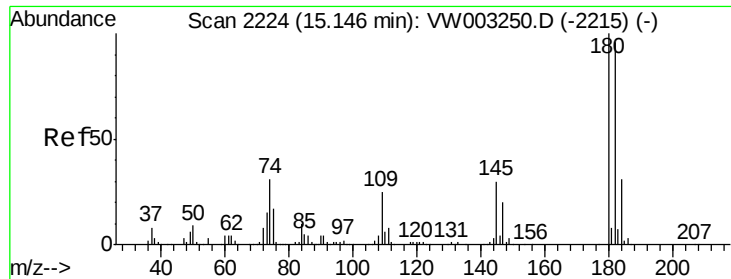


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

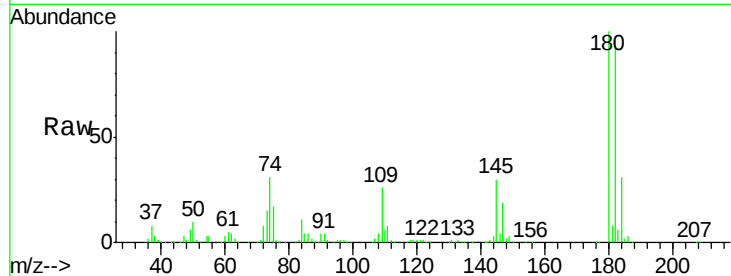




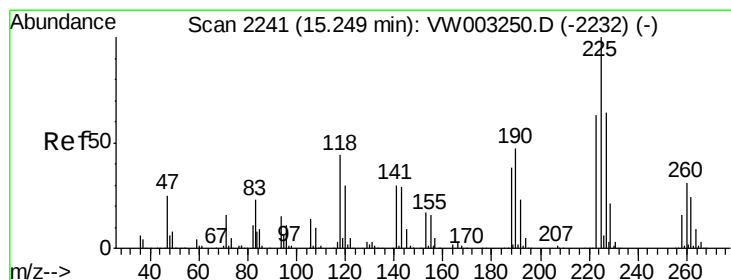
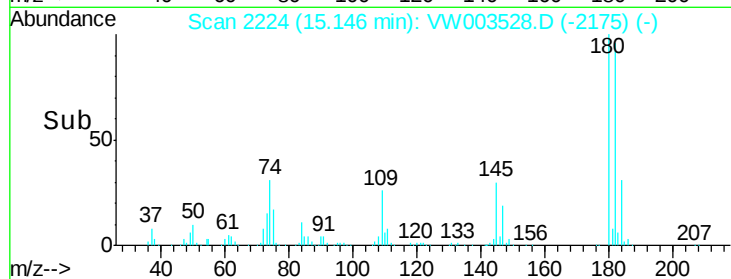
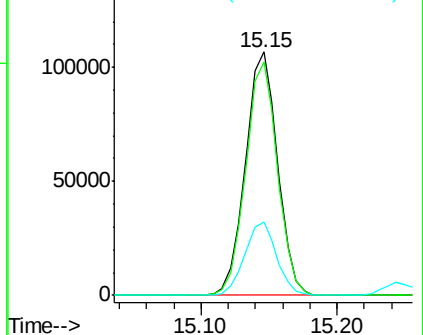
#93
 1,2,4-Trichlorobenzene
 Concen: 47.781 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 176008
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.6
 145 30.0 15.2 45.5

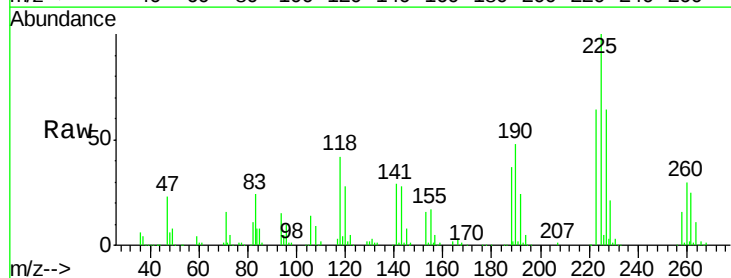


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

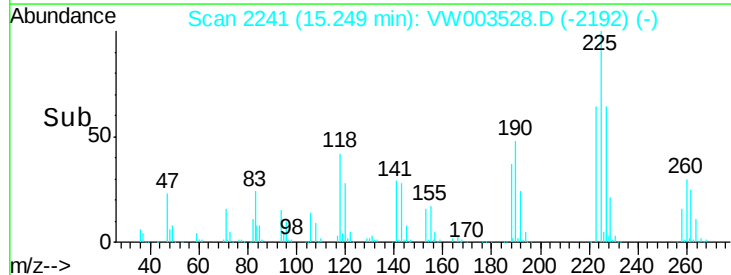
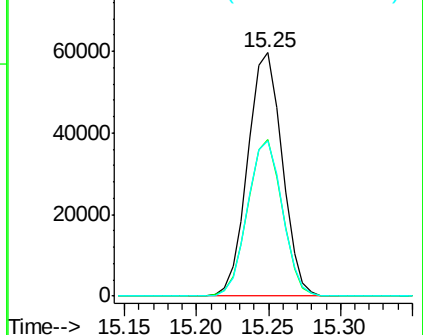


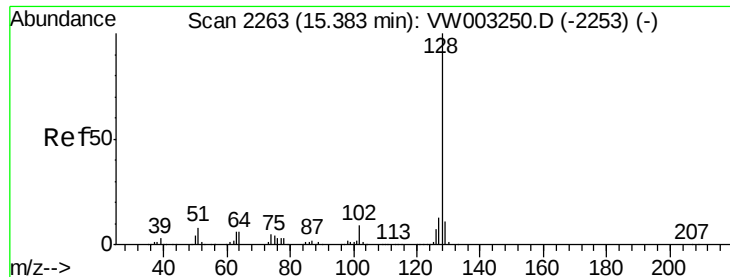
#94
 Hexachlorobutadiene
 Concen: 44.572 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion:225 Resp: 98765
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.6 92.0
 227 64.6 31.7 95.1



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

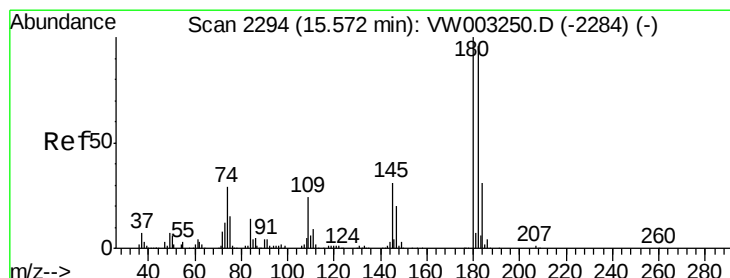
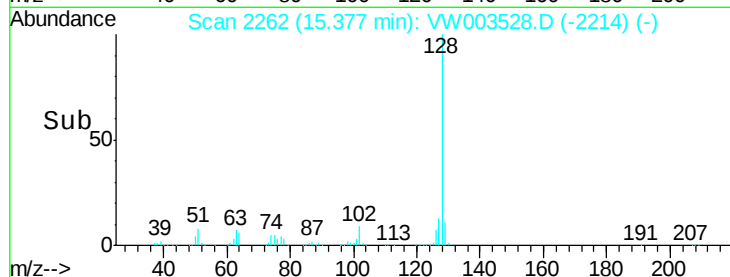
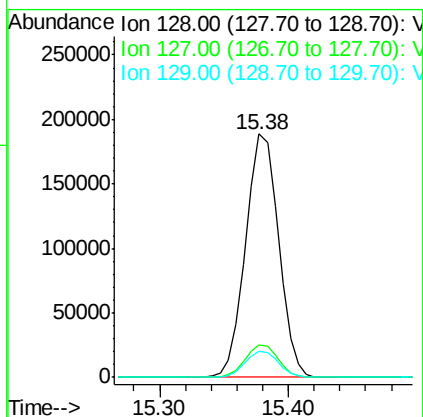
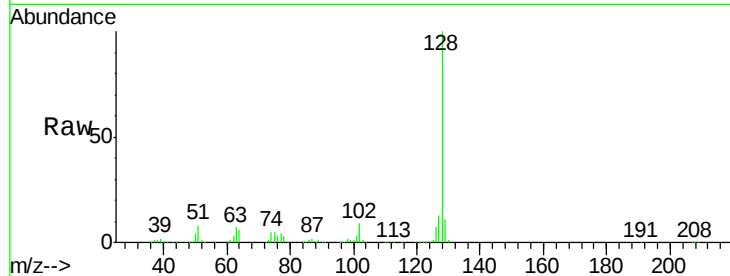




#95
Naphthalene
Concen: 53.469 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.859 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	31.6	15.8	47.4

