

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003684.D
 Acq On : 02 Jul 2018 18:42
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 03 02:31:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188868	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	306302	112.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	225.32%	
35) Dibromofluoromethane	7.88	113	264699	108.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.78%	
50) Toluene-d8	10.33	98	1064780	110.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.36%	
62) 4-Bromofluorobenzene	12.62	95	384911	112.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	224.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	143192	173.666	ug/l	96
3) Chloromethane	2.21	50	205416	107.187	ug/l	99
4) Vinyl Chloride	2.36	62	273290	98.620	ug/l	100
5) Bromomethane	2.77	94	188215	102.842	ug/l	99
6) Chloroethane	2.92	64	171654	91.066	ug/l	98
7) Trichlorofluoromethane	3.25	101	139757	86.576	ug/l	99
8) Diethyl Ether	3.67	74	136486	111.194	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	240946	104.262	ug/l	99
10) Methyl Iodide	4.26	142	371348	106.511	ug/l	100
11) Tert butyl alcohol	5.21	59	93444	632.809	ug/l	98
12) 1,1-Dichloroethene	4.03	96	242126	106.474	ug/l	98
13) Acrolein	3.89	56	26717	147.617	ug/l	96
14) Allyl chloride	4.65	41	433520	110.690	ug/l	99
15) Acrylonitrile	5.37	53	327175	636.064	ug/l	100
16) Acetone	4.14	43	332342	574.380	ug/l	99
17) Carbon Disulfide	4.37	76	774065	113.787	ug/l	100
18) Methyl Acetate	4.67	43	153136	113.846	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	503982	118.192	ug/l	99
20) Methylene Chloride	4.91	84	266409	94.772	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	274547	110.619	ug/l	99
22) Diisopropyl ether	6.31	45	887177	112.168	ug/l	99
23) Vinyl Acetate	6.26	43	2936770	635.349	ug/l	100
24) 1,1-Dichloroethane	6.21	63	511823	109.017	ug/l	99
25) 2-Butanone	7.18	43	480447	662.419	ug/l	98
26) 2,2-Dichloropropane	7.17	77	287397	93.411	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	299456	110.877	ug/l	99
28) Bromochloromethane	7.51	49	214955	110.286	ug/l	99
29) Tetrahydrofuran	7.54	42	298630	671.174	ug/l	100
30) Chloroform	7.68	83	512167	107.490	ug/l	97
31) Cyclohexane	7.96	56	453485	103.060	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	400386	102.679	ug/l	99
36) 1,1-Dichloropropene	8.08	75	410907	107.992	ug/l	99
37) Ethyl Acetate	7.26	43	205124	127.164	ug/l	99
38) Carbon Tetrachloride	8.07	117	386787	104.514	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	501417	113.555	ug/l	99
40) Benzene	8.32	78	1155678	110.144	ug/l	100
41) Methacrylonitrile	7.49	41	121723	124.567	ug/l	96
42) 1,2-Dichloroethane	8.40	62	359347	109.442	ug/l	100
43) Isopropyl Acetate	8.43	43	399321	126.070	ug/l	99
44) Trichloroethene	9.09	130	295846	107.342	ug/l	99
45) 1,2-Dichloropropane	9.37	63	298364	111.715	ug/l	98
46) Dibromomethane	9.46	93	156625	114.073	ug/l	100
47) Bromodichloromethane	9.65	83	388739	111.070	ug/l	100
48) Methyl methacrylate	9.44	41	195786	131.107	ug/l	99
49) 1,4-Dioxane	9.47	88	51982	2502.265	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1052292	647.733	ug/l	100
52) Toluene	10.39	92	732690	109.104	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	420740	117.376	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	472935	115.758	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	218325	112.897	ug/l	98
56) Ethyl methacrylate	10.65	69	309737	131.017	ug/l	98
57) 1,3-Dichloropropane	10.93	76	385815	115.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	589325	565.424	ug/l	99
59) 2-Hexanone	10.98	43	758343	666.811	ug/l	99
60) Dibromochloromethane	11.13	129	264100	115.524	ug/l	99
61) 1,2-Dibromoethane	11.24	107	214641	117.303	ug/l	99
64) Tetrachloroethene	10.87	164	256001	103.951	ug/l	97
65) Chlorobenzene	11.66	112	798797	104.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	281079	104.434	ug/l	99
67) Ethyl Benzene	11.74	91	1447673	106.371	ug/l	99
68) m/p-Xylenes	11.85	106	1098280	212.263	ug/l	100
69) o-Xylene	12.17	106	516422	108.074	ug/l	99
70) Styrene	12.19	104	877593	109.794	ug/l	99
71) Bromoform	12.35	173	163118	116.100	ug/l	99
73) Isopropylbenzene	12.47	105	1421409	107.771	ug/l	100
74) N-amyl acetate	12.28	43	392365	127.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	265682	116.677	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	365670	223.530	ug/l #	100
77) Bromobenzene	12.76	156	329464	106.795	ug/l	99
78) n-propylbenzene	12.81	91	1733564	107.035	ug/l	100
79) 2-Chlorotoluene	12.90	91	973007	106.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1189917	107.384	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	91793	127.477	ug/l	96
82) 4-Chlorotoluene	12.99	91	1017528	104.848	ug/l	99
83) tert-Butylbenzene	13.21	119	1008483	106.904	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1215930	106.432	ug/l	100
85) sec-Butylbenzene	13.39	105	1477828	105.300	ug/l	100
86) p-Isopropyltoluene	13.51	119	1318893	106.788	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	654730	103.643	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	642695	102.273	ug/l	99
89) n-Butylbenzene	13.83	91	1291781	107.066	ug/l	99
90) Hexachloroethane	14.10	117	236556	105.724	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	581847	104.944	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46795	121.953	ug/l	99

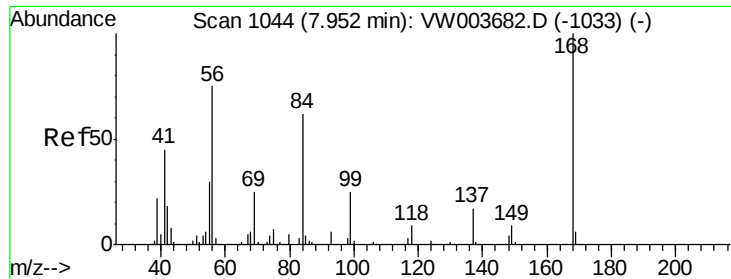
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
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QLast Update : Tue Jul 03 02:27:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	419532	107.714	ug/l	100
94) Hexachlorobutadiene	15.25	225	234160	100.740	ug/l	99
95) Naphthalene	15.38	128	824530	123.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	371774	108.215	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

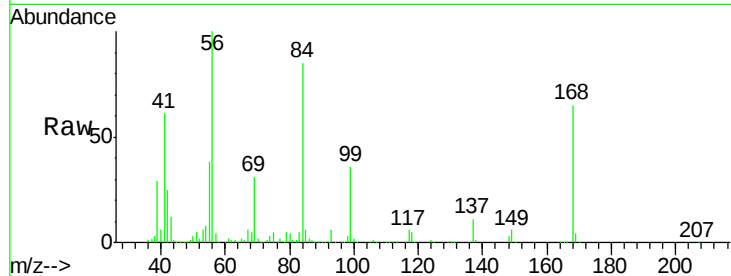
VSTDIC100

Tgt Ion:168 Resp: 245936

Ion Ratio Lower Upper

168 100

99 55.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

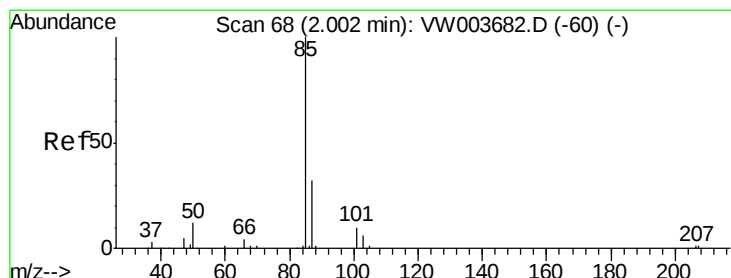
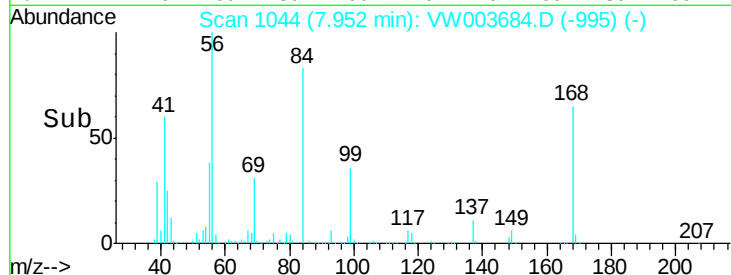
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 173.666 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003684.D

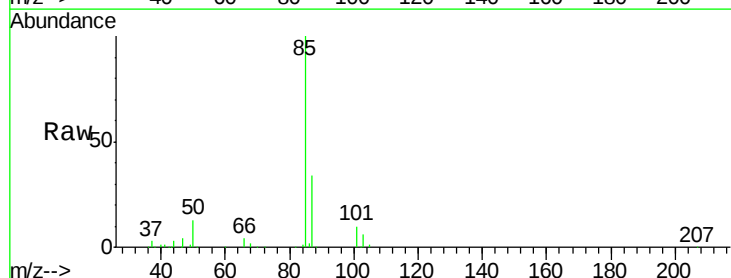
Acq: 02 Jul 2018 18:42

Tgt Ion: 85 Resp: 143192

Ion Ratio Lower Upper

85 100

87 34.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

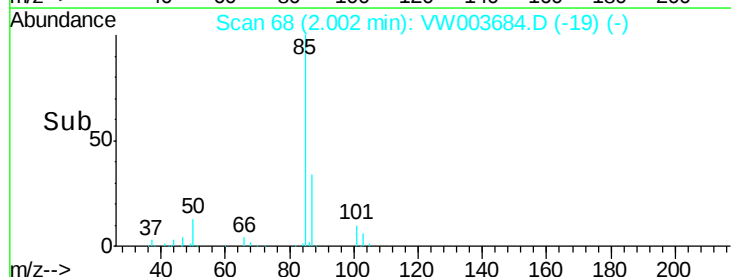
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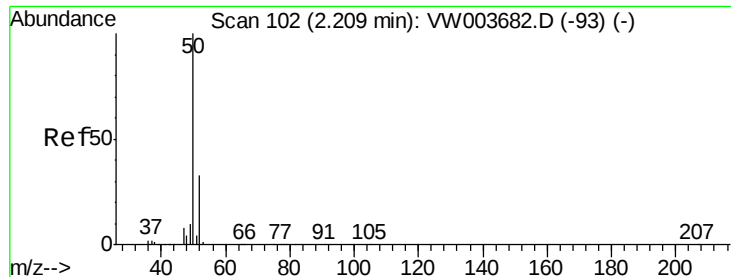
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 107.187 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

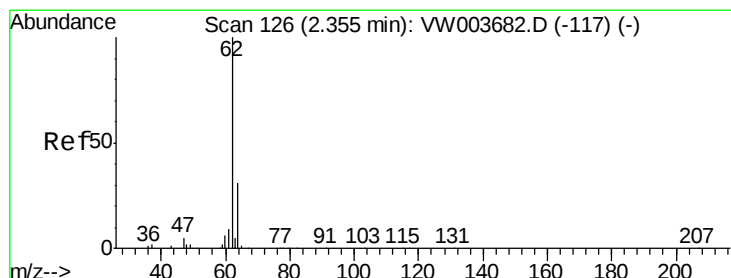
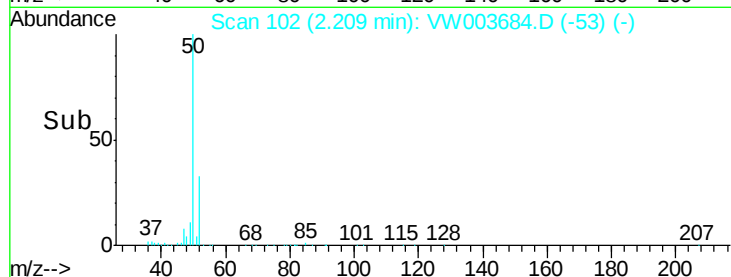
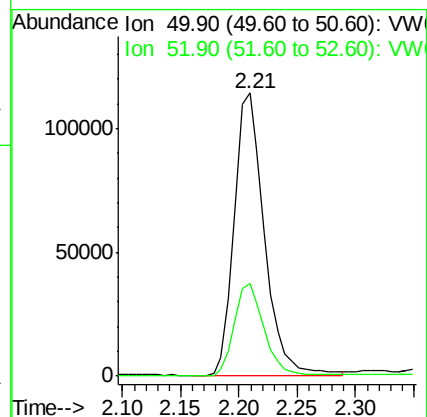
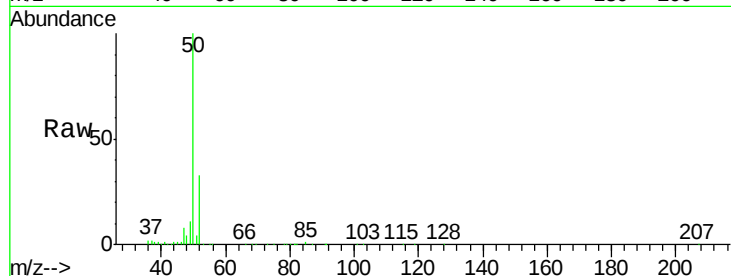
VSTDIC100

Tgt Ion: 50 Resp: 205416

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 98.620 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003684.D

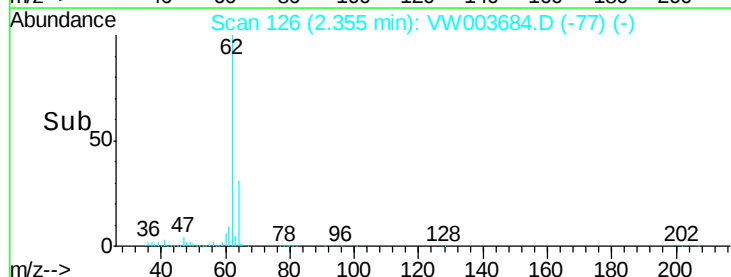
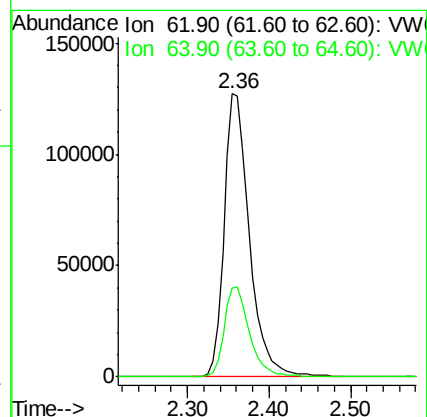
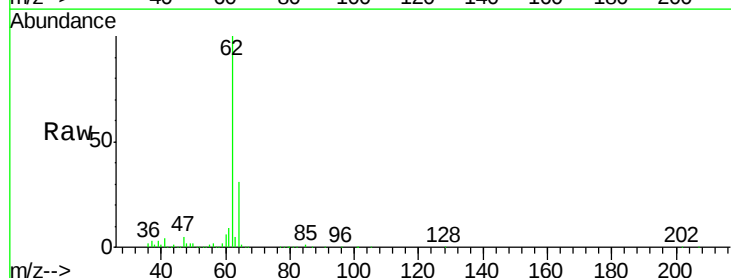
Acq: 02 Jul 2018 18:42

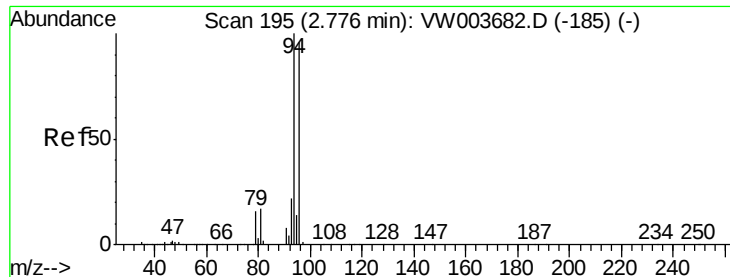
Tgt Ion: 62 Resp: 273290

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 102.842 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

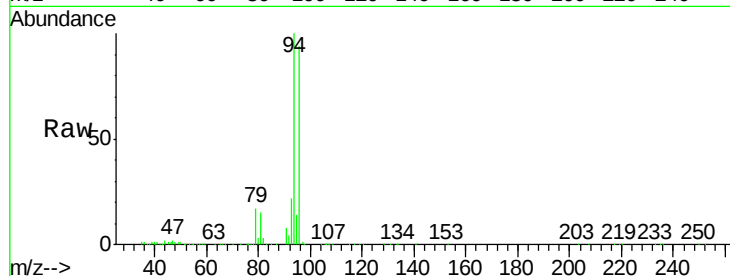
VSTDIC100

Tgt Ion: 94 Resp: 188215

Ion Ratio Lower Upper

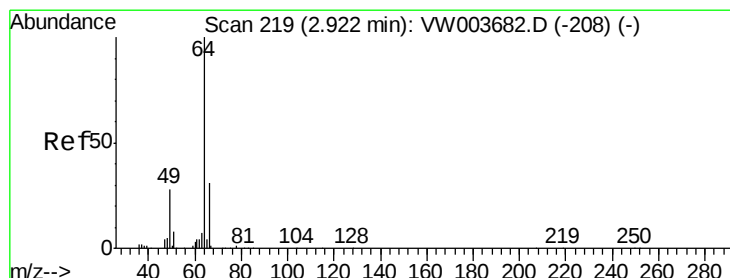
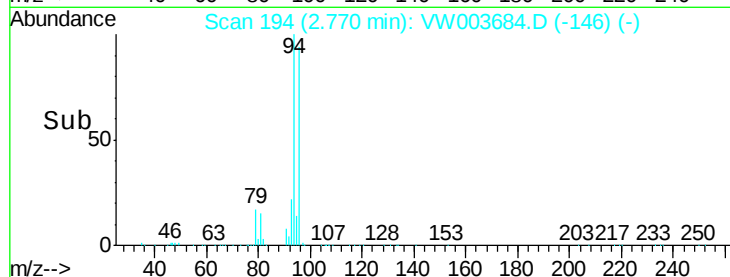
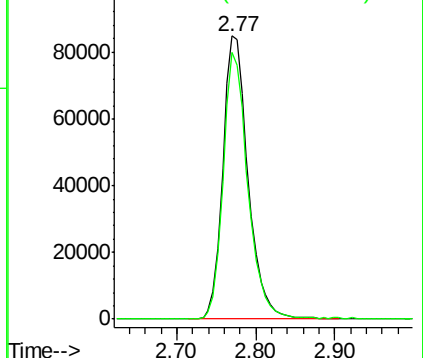
94 100

96 94.3 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 91.066 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003684.D

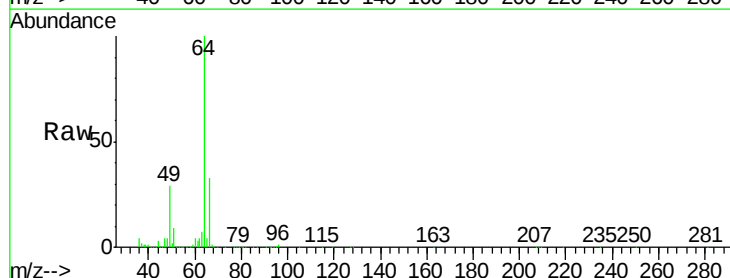
Acq: 02 Jul 2018 18:42

Tgt Ion: 64 Resp: 171654

Ion Ratio Lower Upper

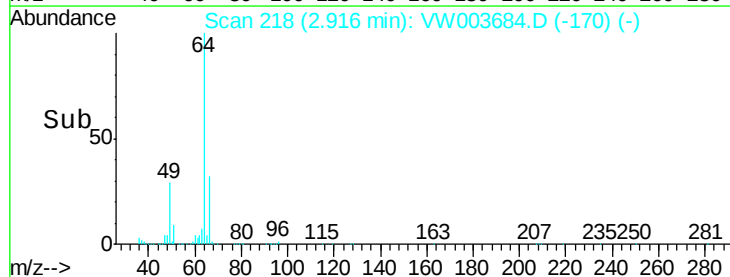
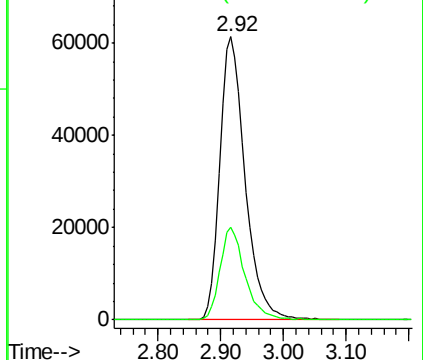
64 100

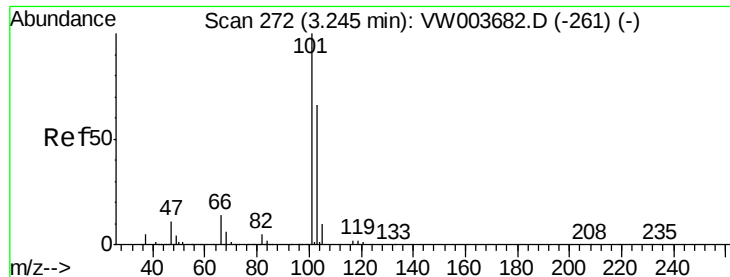
66 32.4 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



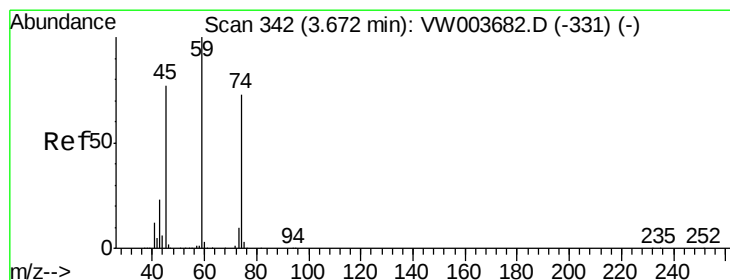
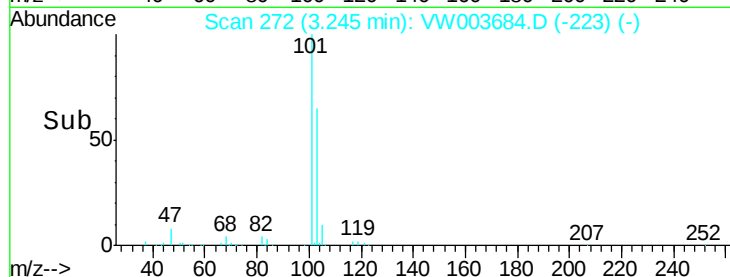
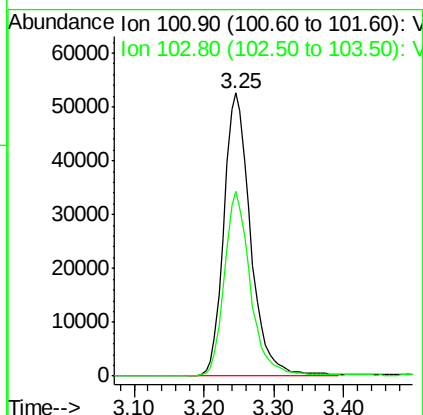
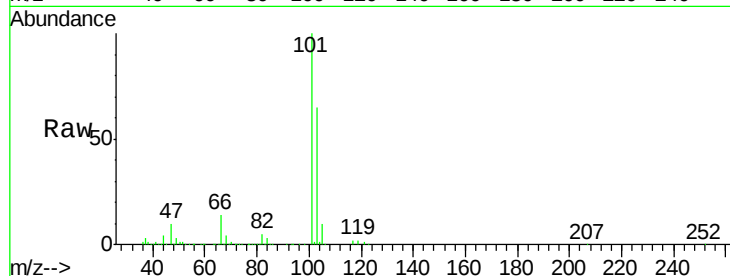


#7

Trichlorofluoromethane
Concen: 86.576 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

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MSVOA_W
ClientSampleId :
VSTDICC100

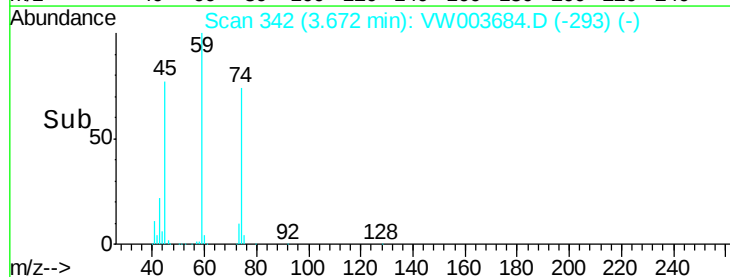
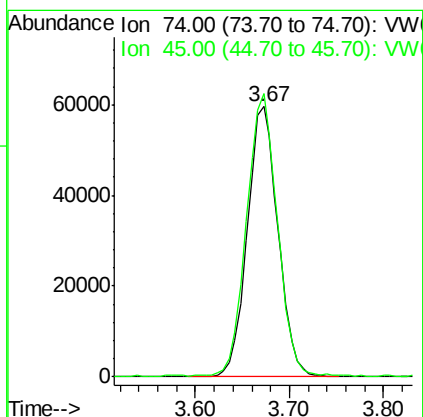
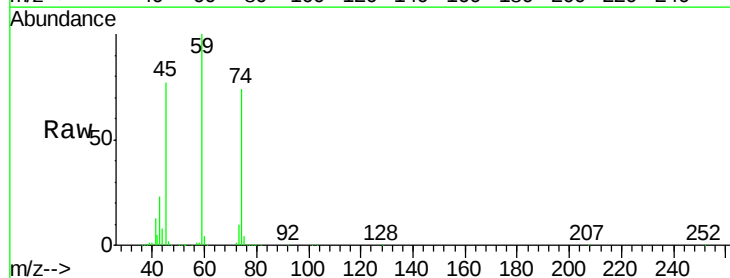
Tgt Ion: 101 Resp: 139757
Ion Ratio Lower Upper
101 100
103 65.1 52.9 79.3

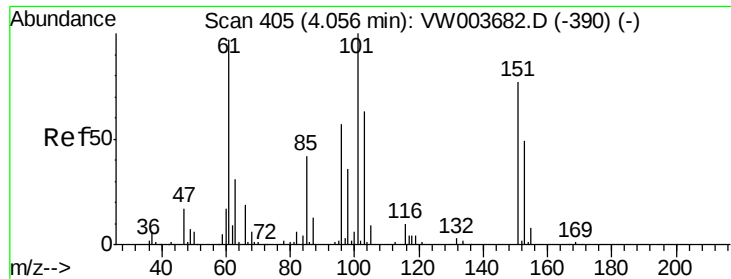


#8

Diethyl Ether
Concen: 111.194 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 74 Resp: 136486
Ion Ratio Lower Upper
74 100
45 105.3 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 104.262 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

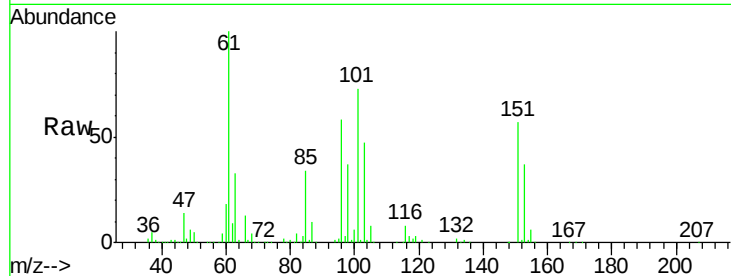
Tgt Ion:101 Resp: 240946

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

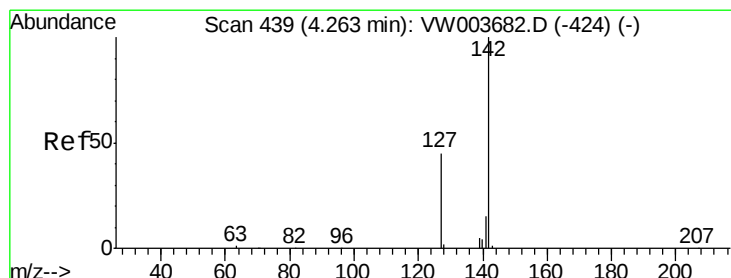
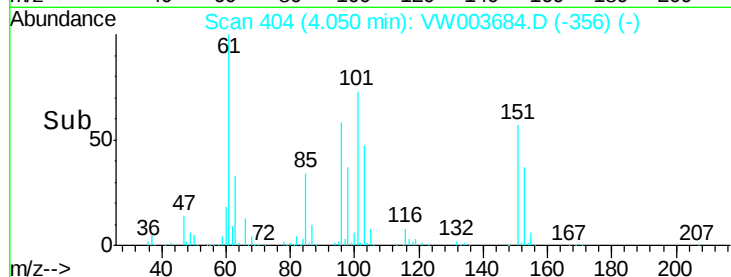
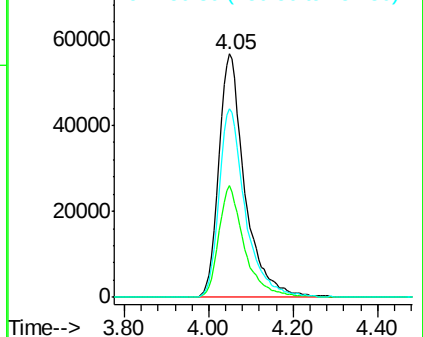
151 78.4 62.4 93.6



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: 106.511 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

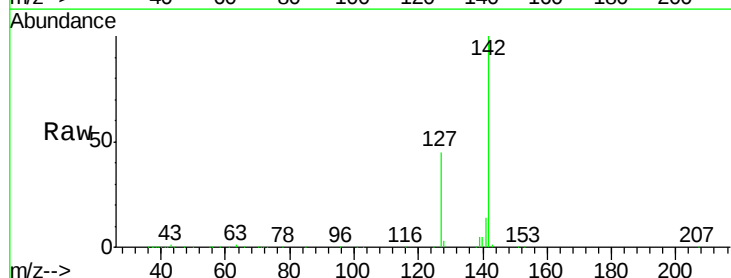
Tgt Ion:142 Resp: 371348

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

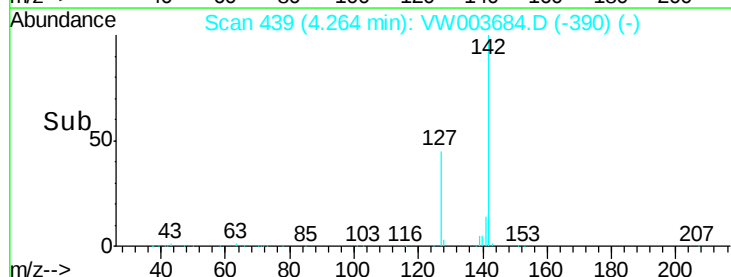
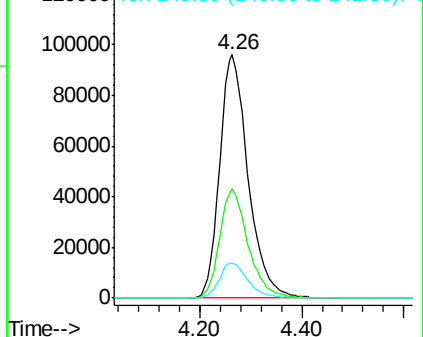
141 14.7 11.9 17.9

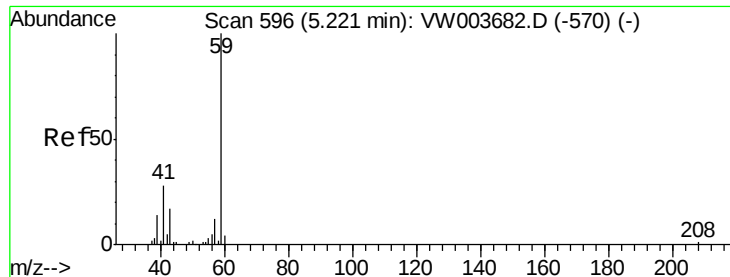


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



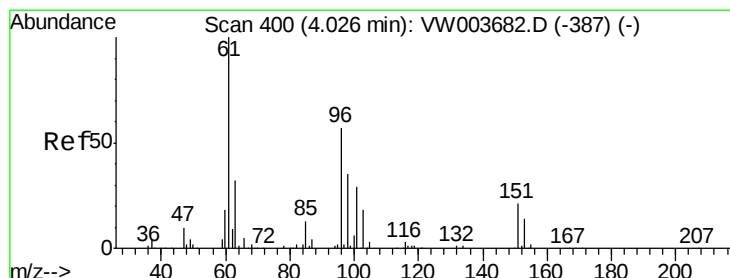
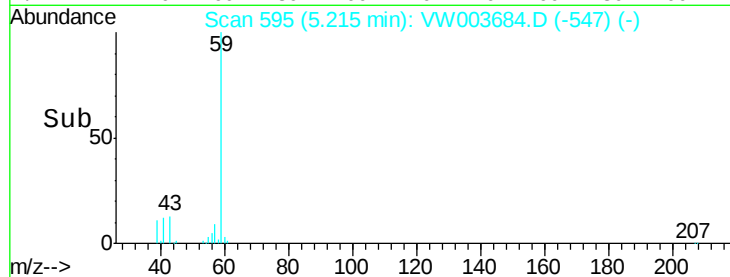
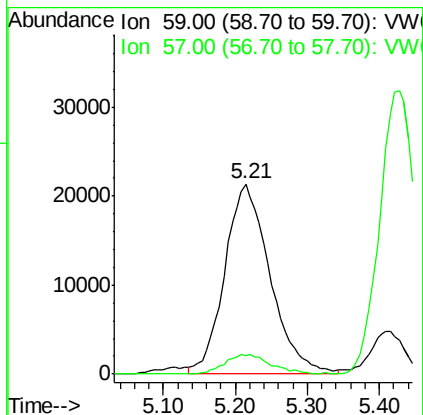
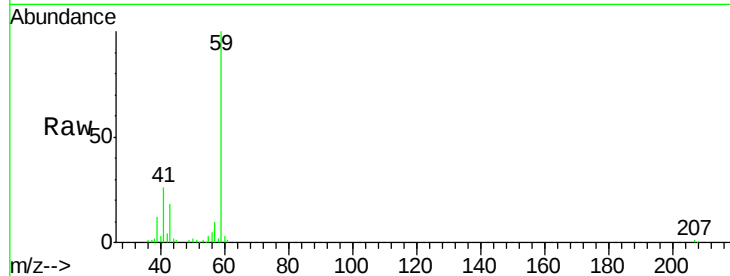


#11

Tert butyl alcohol
Concen: 632.809 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

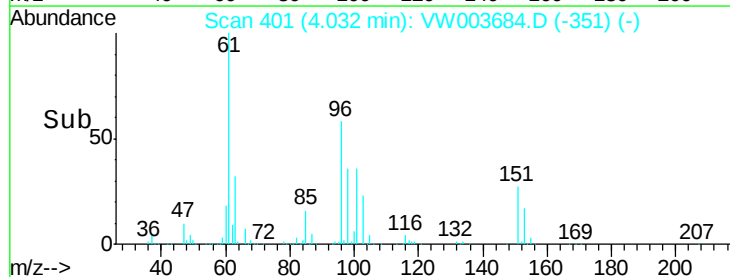
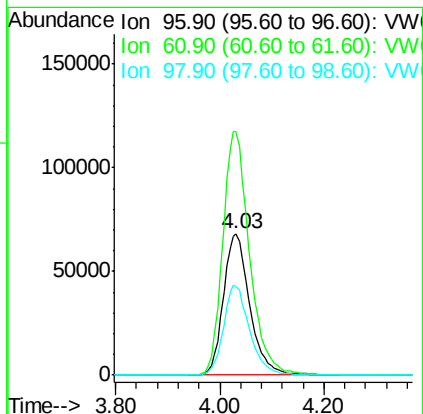
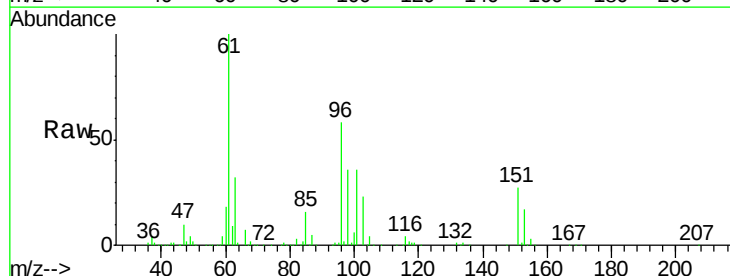
Tgt Ion: 59 Resp: 93444
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

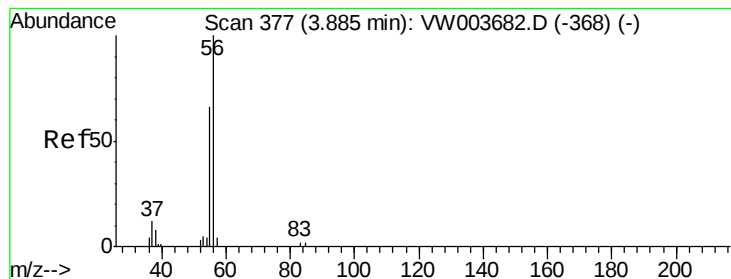


#12

1,1-Dichloroethene
Concen: 106.474 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 96 Resp: 242126
Ion Ratio Lower Upper
96 100
61 172.1 140.6 211.0
98 62.6 49.4 74.0





#13

Acrolein

Concen: 147.617 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampled :

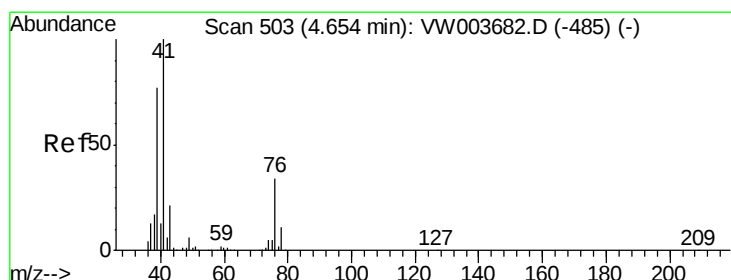
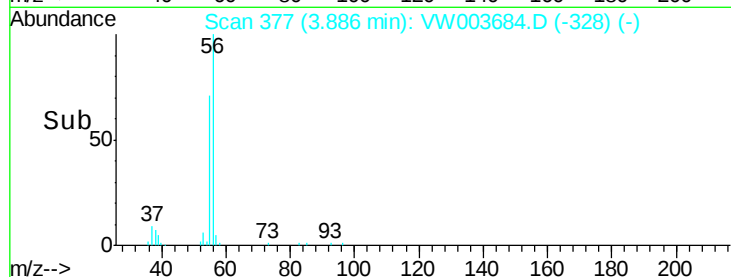
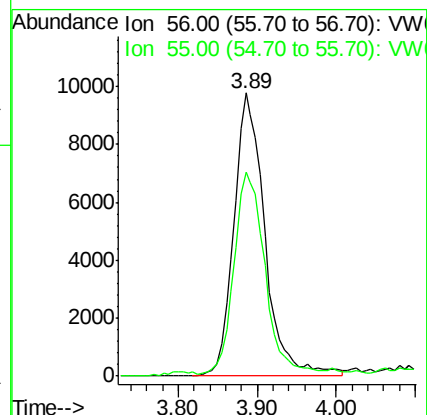
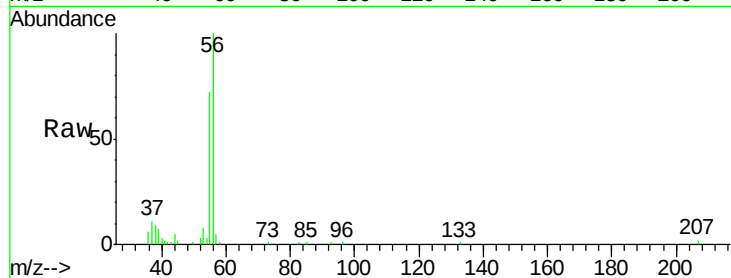
VSTDIC100

Tgt Ion: 56 Resp: 26717

Ion Ratio Lower Upper

56 100

55 71.3 54.7 82.1



#14

Allyl chloride

Concen: 110.690 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

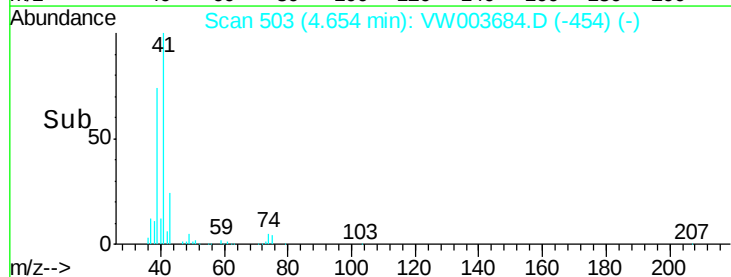
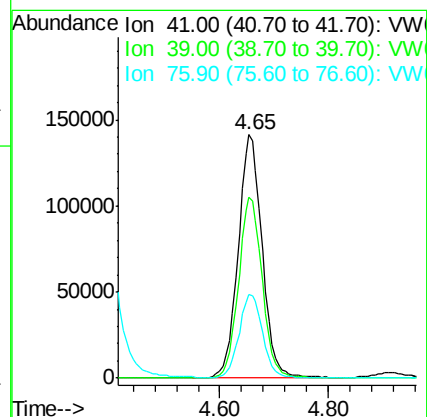
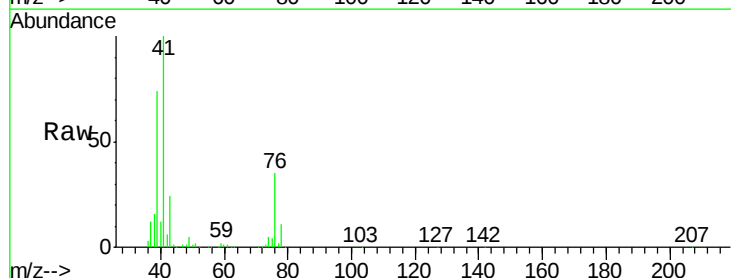
Tgt Ion: 41 Resp: 433520

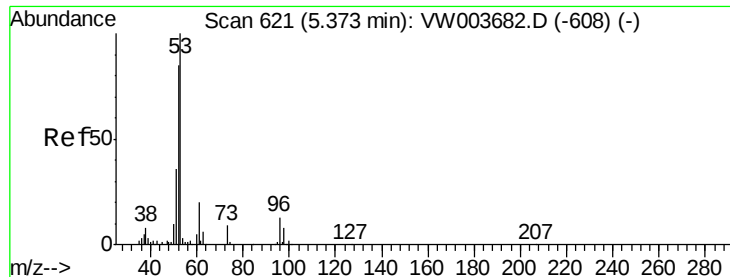
Ion Ratio Lower Upper

41 100

39 73.5 60.1 90.1

76 34.1 27.2 40.8





#15

Acrylonitrile

Concen: 636.064 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

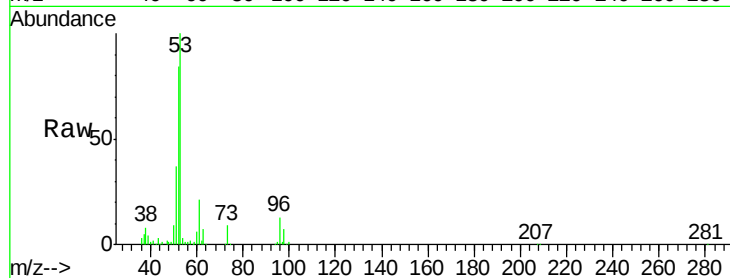
Tgt Ion: 53 Resp: 327175

Ion Ratio Lower Upper

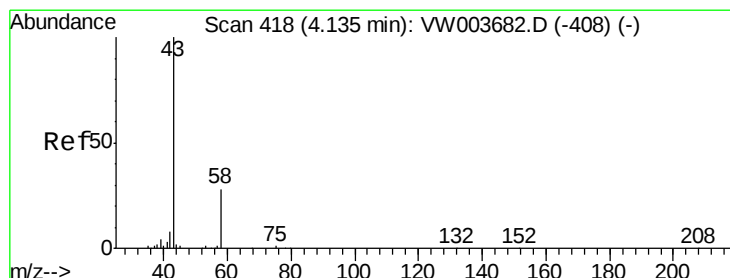
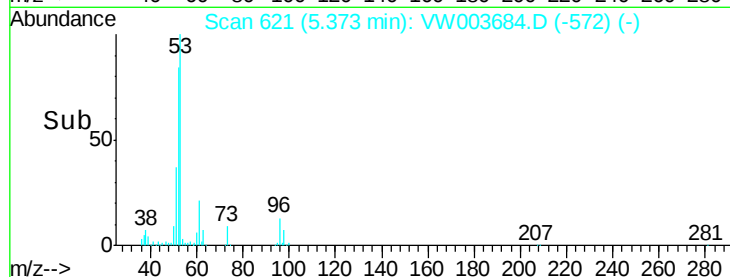
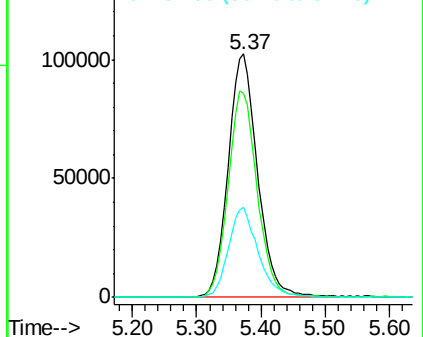
53 100

52 84.0 66.8 100.2

51 37.5 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 574.380 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003684.D

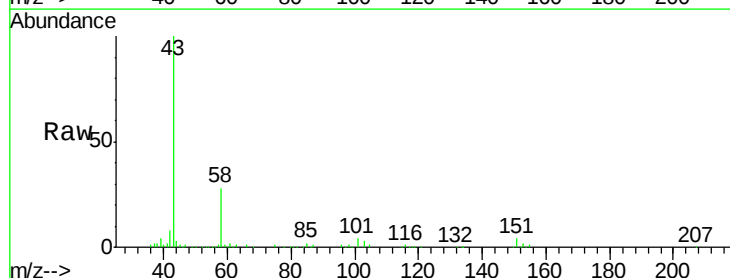
Acq: 02 Jul 2018 18:42

Tgt Ion: 43 Resp: 332342

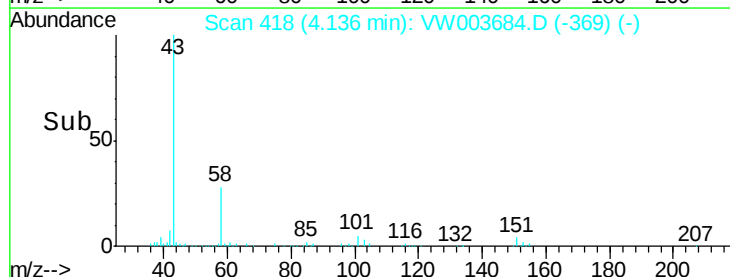
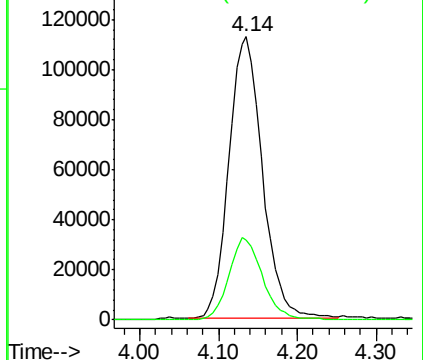
Ion Ratio Lower Upper

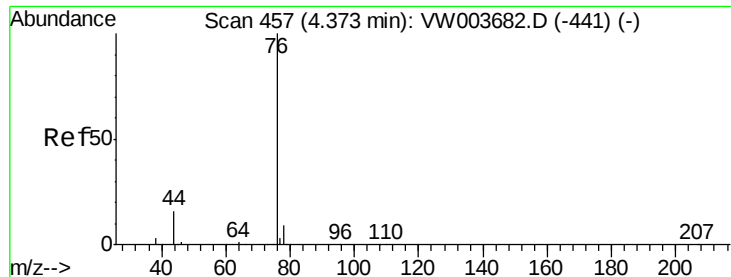
43 100

58 28.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

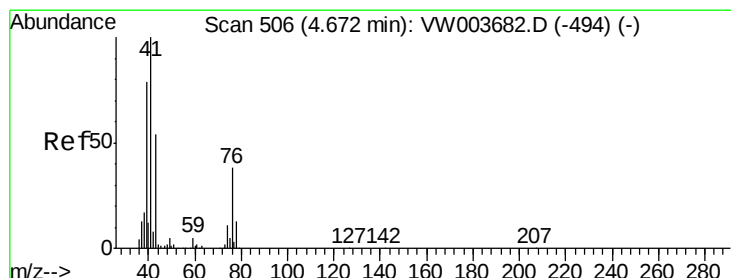
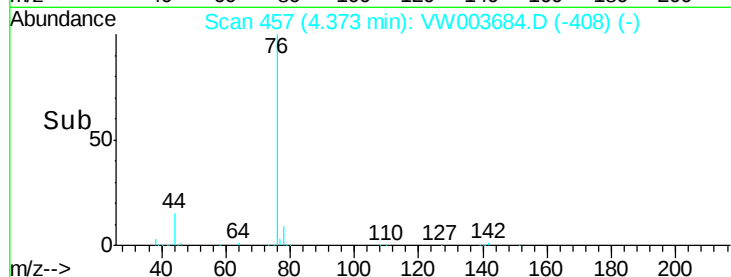
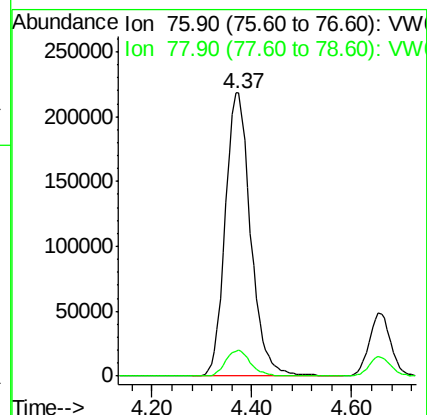
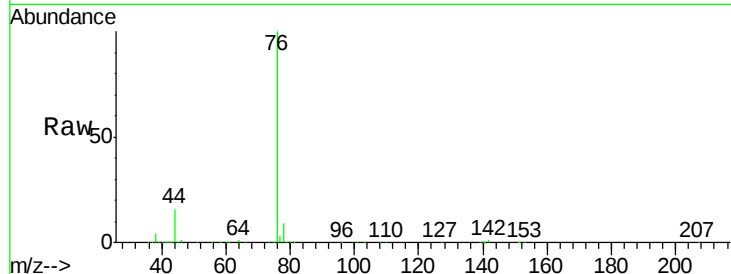




#17
Carbon Disulfide
Concen: 113.787 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

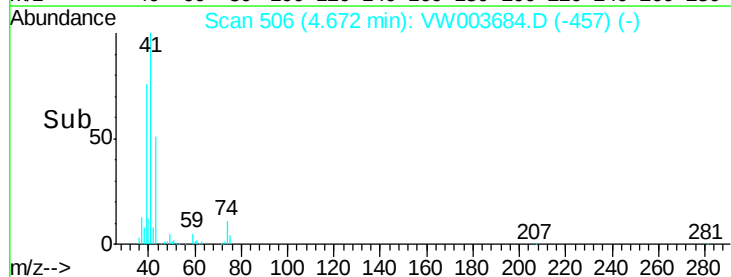
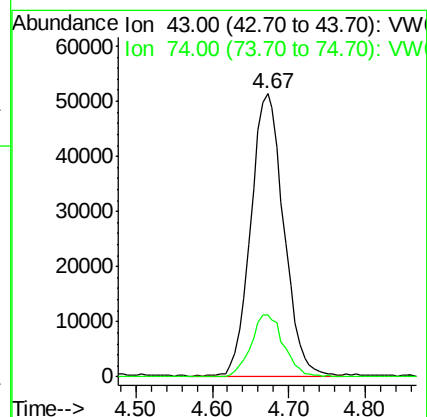
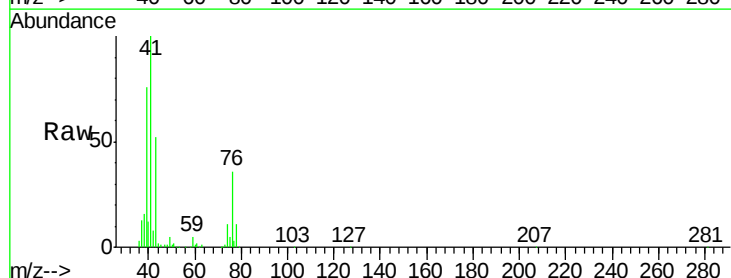
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

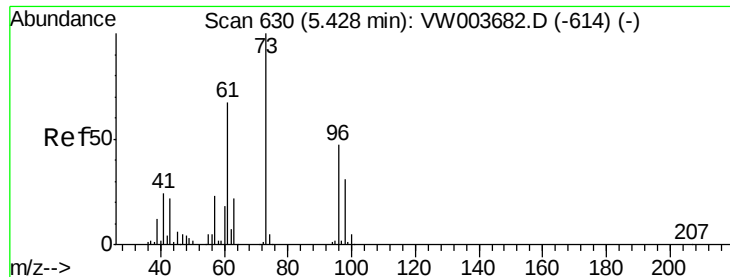
Tgt Ion: 76 Resp: 774065
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 113.846 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 43 Resp: 153136
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.2

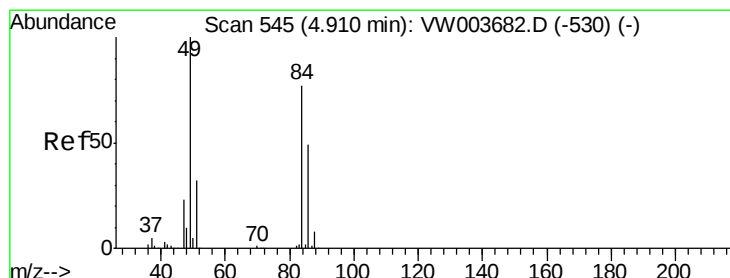
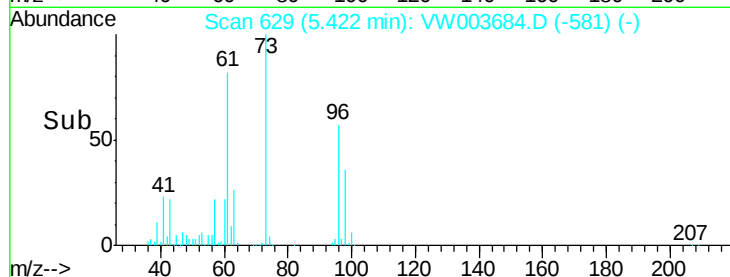
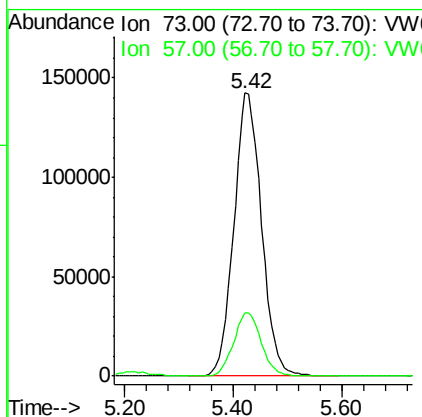
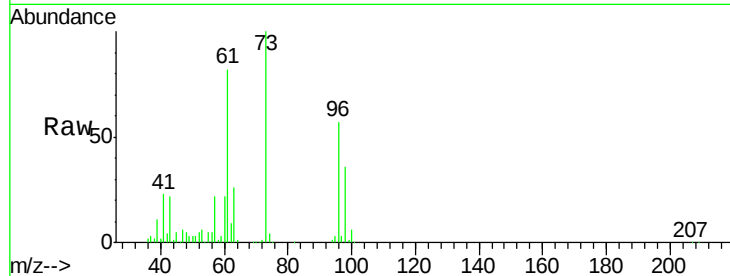




#19
Methyl tert-butyl Ether
Concen: 118.192 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

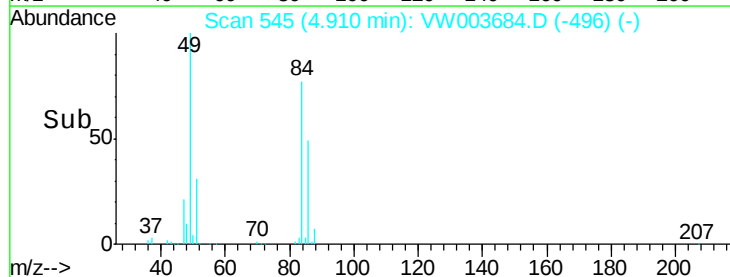
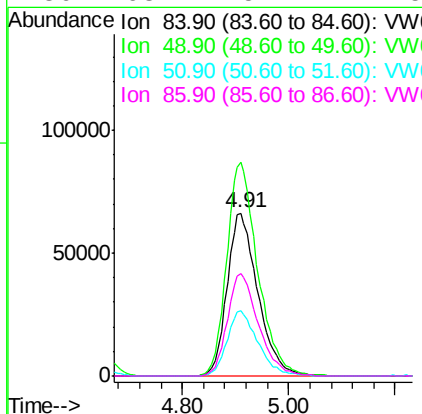
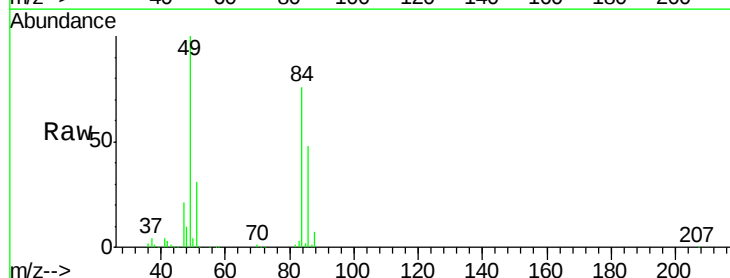
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

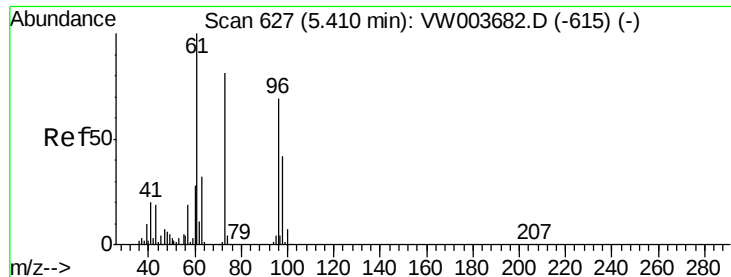
Tgt Ion: 73 Resp: 503982
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 94.772 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 84 Resp: 266409
Ion Ratio Lower Upper
84 100
49 131.1 104.6 156.8
51 40.1 33.2 49.8
86 63.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 110.619 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

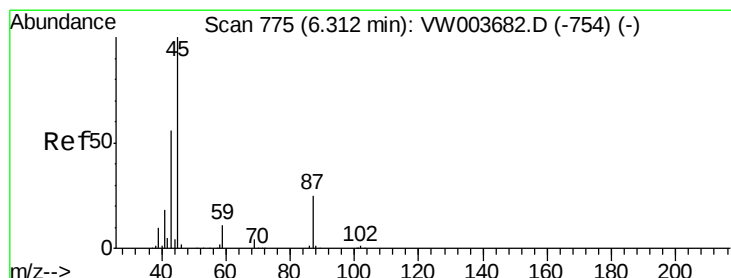
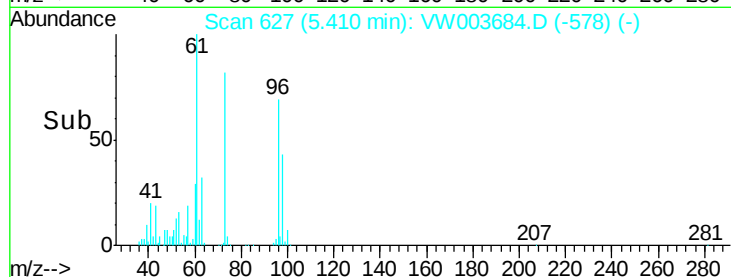
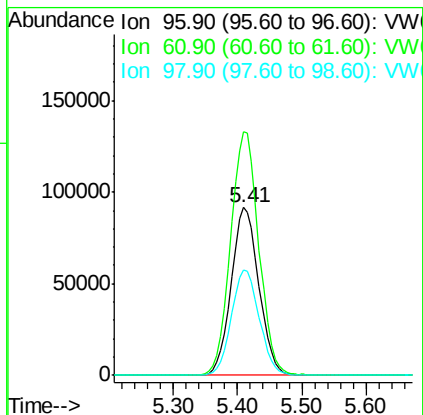
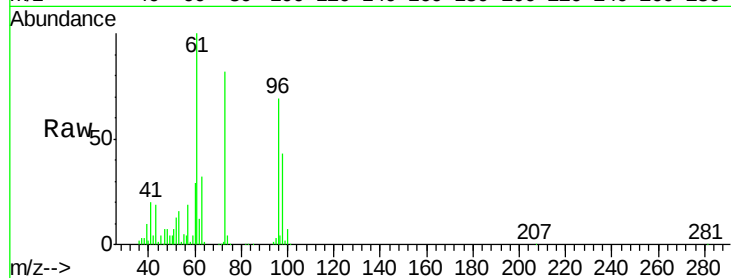
Tgt Ion: 96 Resp: 274547

Ion Ratio Lower Upper

96 100

61 145.0 116.8 175.2

98 62.9 49.6 74.4



#22

Diisopropyl ether

Concen: 112.168 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Tgt Ion: 45 Resp: 887177

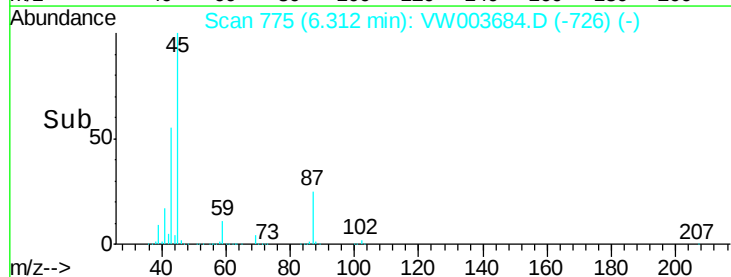
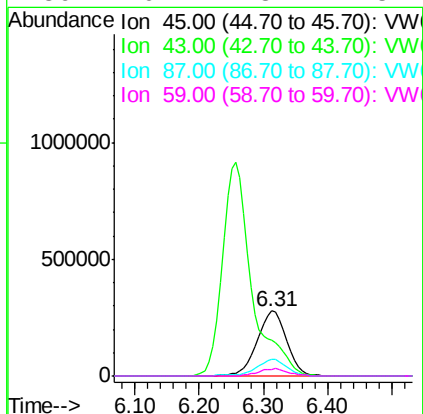
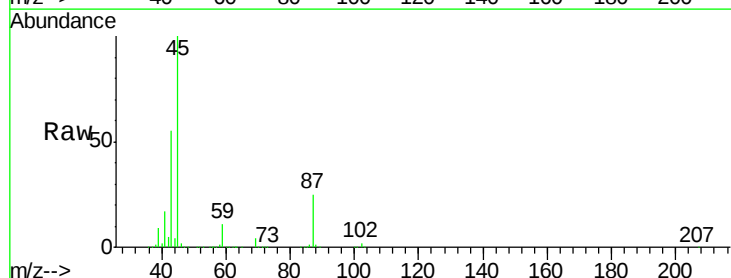
Ion Ratio Lower Upper

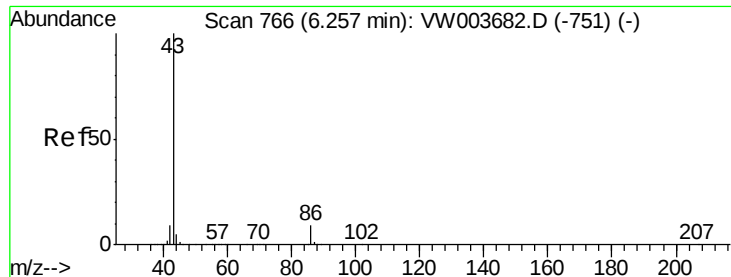
45 100

43 54.9 44.5 66.7

87 24.7 20.2 30.4

59 10.7 8.7 13.1





#23

Vinyl Acetate

Concen: 635.349 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

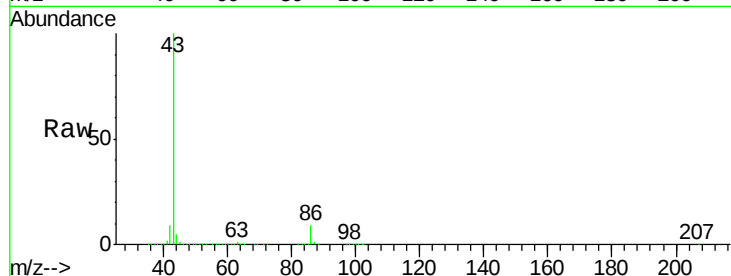
VSTDIC100

Tgt Ion: 43 Resp: 2936770

Ion Ratio Lower Upper

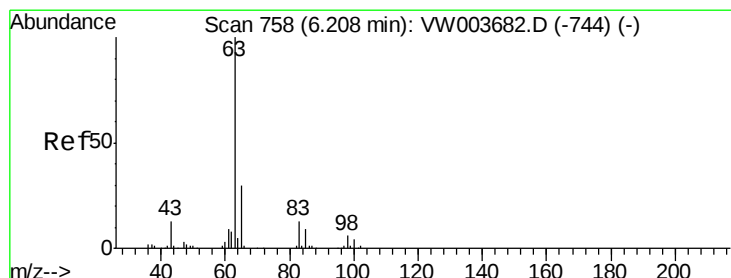
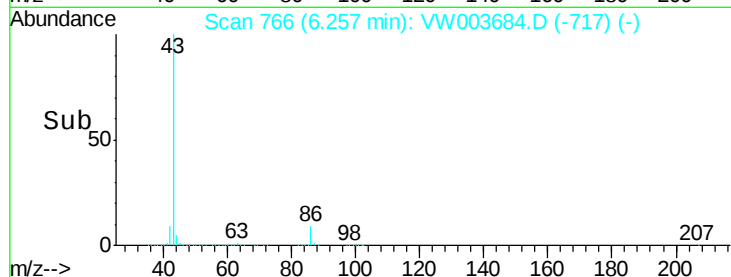
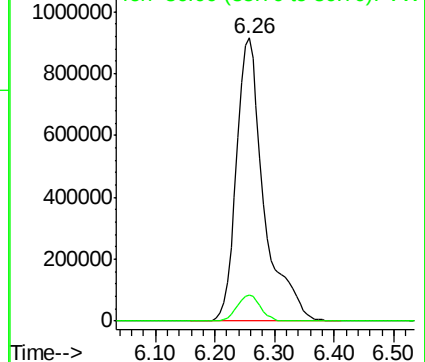
43 100

86 9.3 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 109.017 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

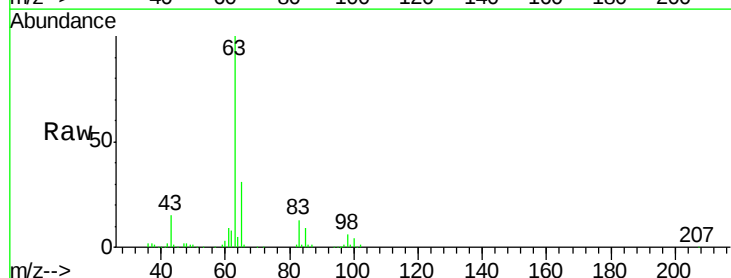
Tgt Ion: 63 Resp: 511823

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.6

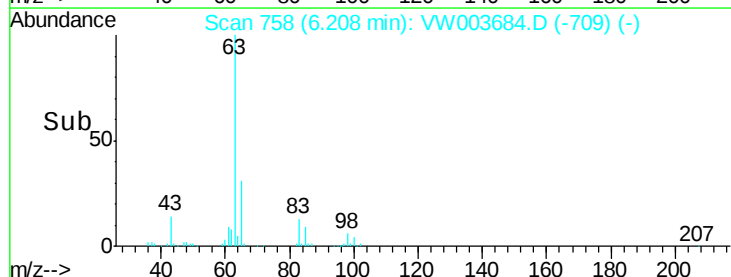
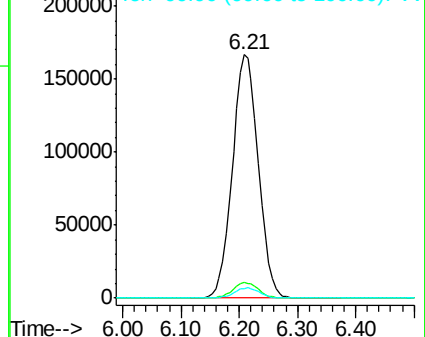
100 3.7 1.9 5.7

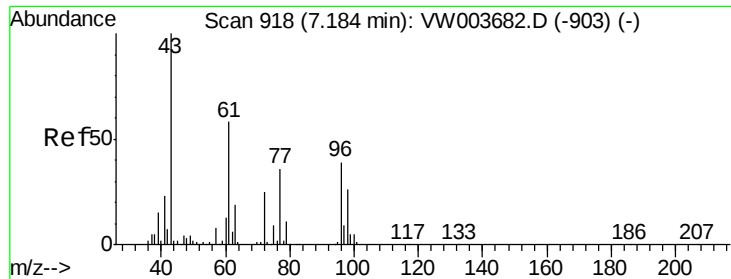


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 662.419 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampled :

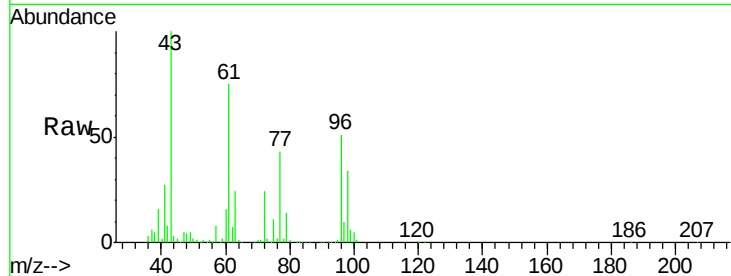
VSTDIC100

Tgt Ion: 43 Resp: 480447

Ion Ratio Lower Upper

43 100

72 24.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

200000

150000

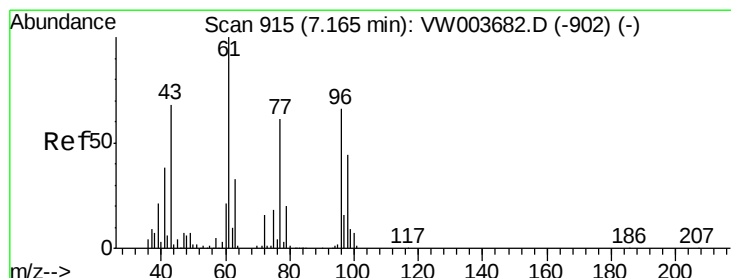
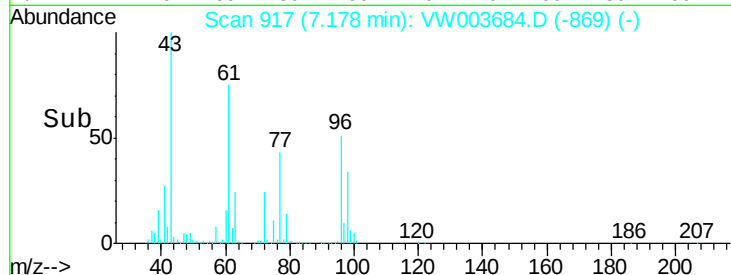
100000

50000

0

7.10 7.20

Time-->



#26

2,2-Dichloropropane

Concen: 93.411 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003684.D

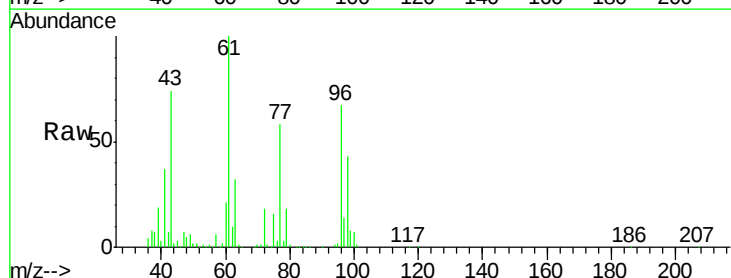
Acq: 02 Jul 2018 18:42

Tgt Ion: 77 Resp: 287397

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

100000

80000

60000

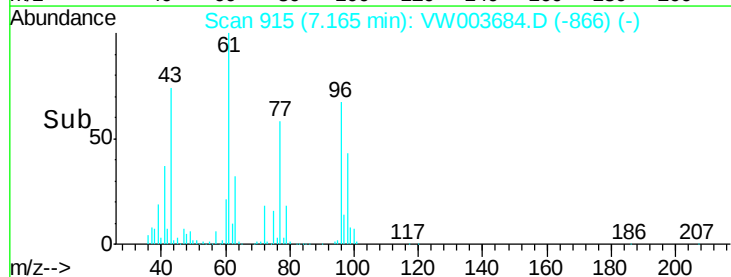
40000

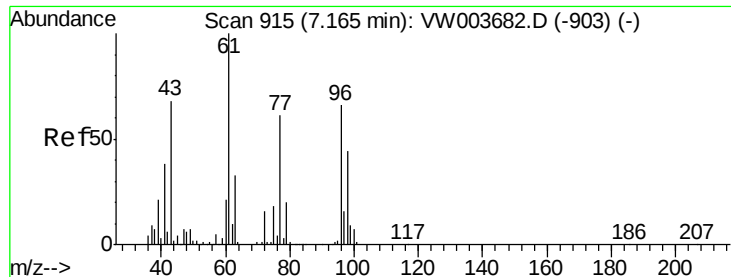
20000

0

7.00 7.10 7.20 7.30

Time-->



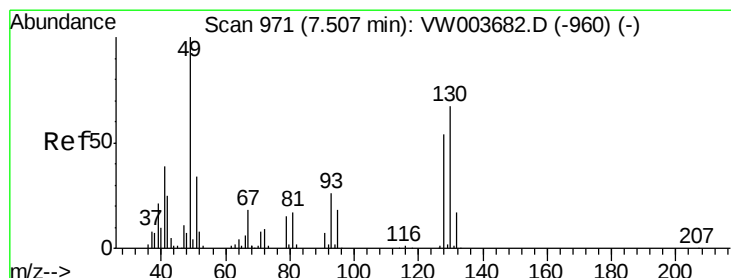
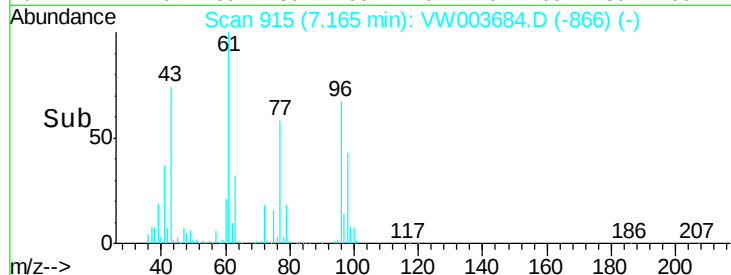
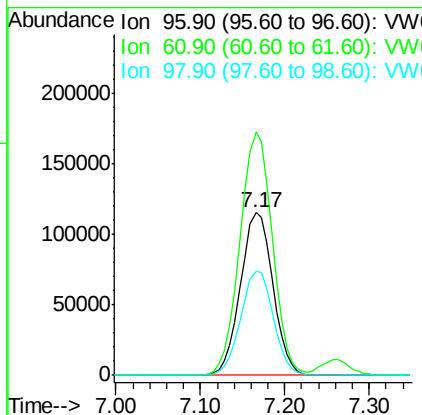
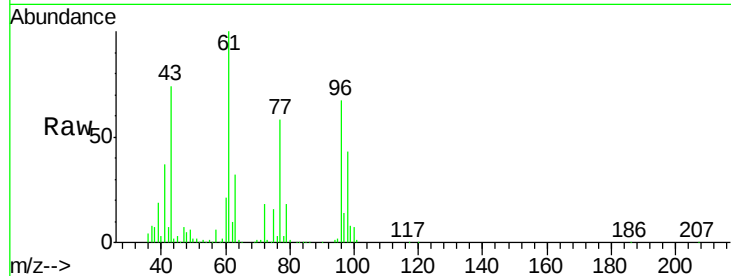


#27

cis-1,2-Dichloroethene
 Concen: 110.877 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

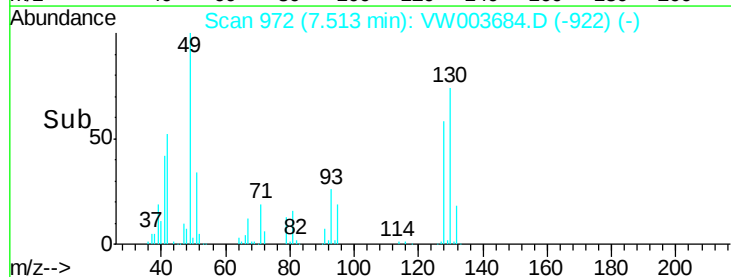
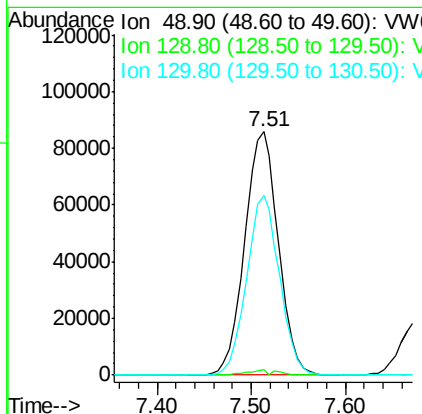
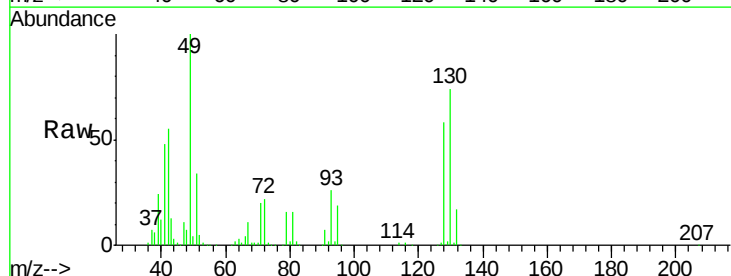
Tgt Ion: 96 Resp: 299456
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 305.0
 98 64.6 0.0 129.6

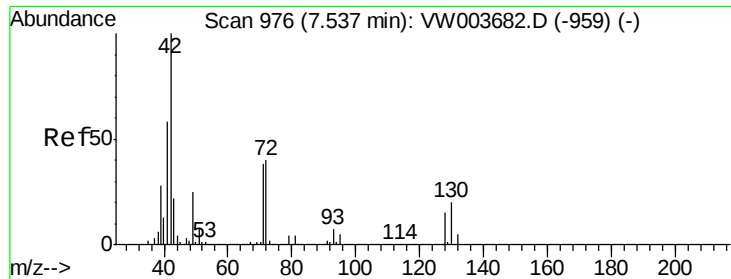


#28

Bromochloromethane
 Concen: 110.286 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion: 49 Resp: 214955
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 72.3 57.0 85.6

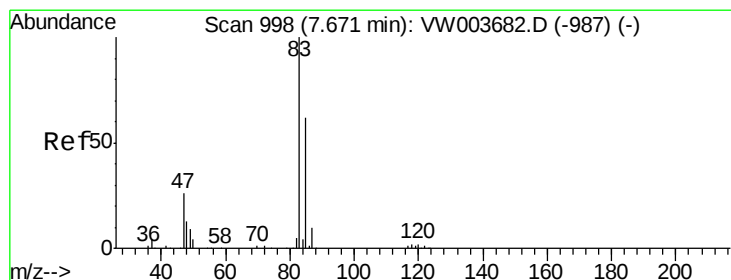
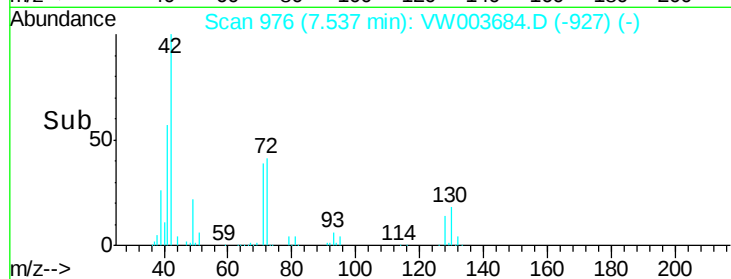
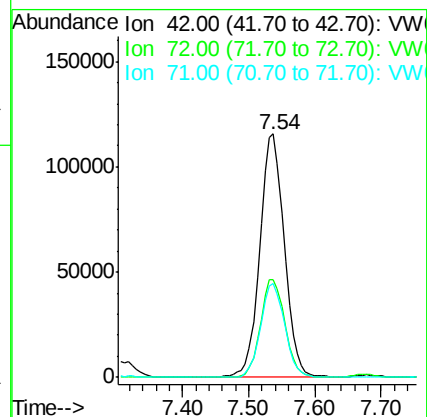
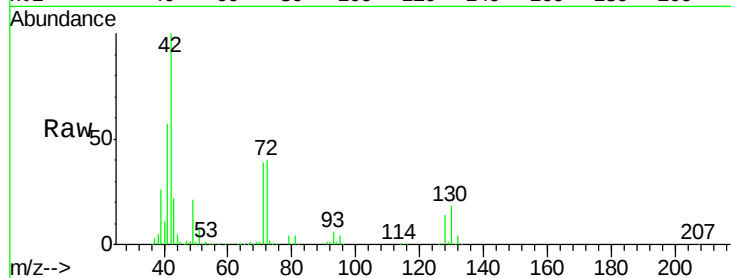




#29
Tetrahydrofuran
Concen: 671.174 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

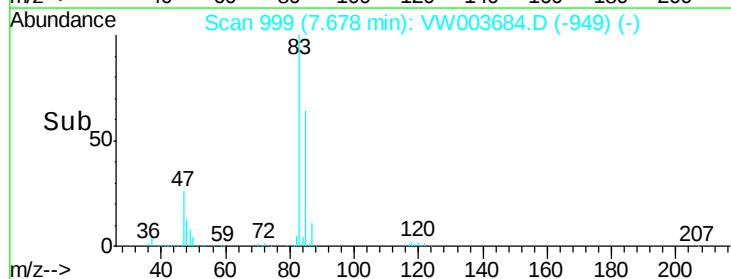
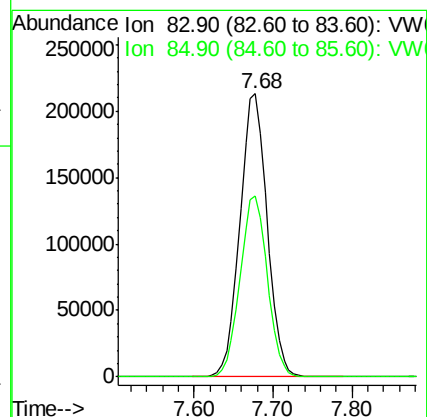
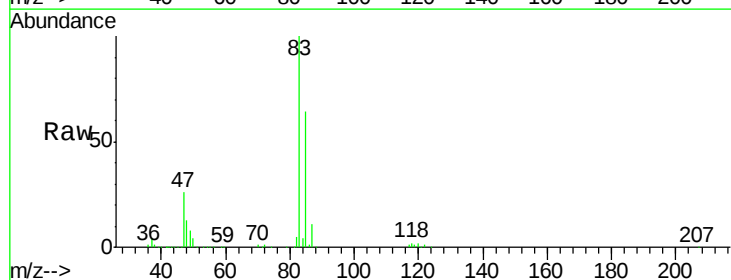
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

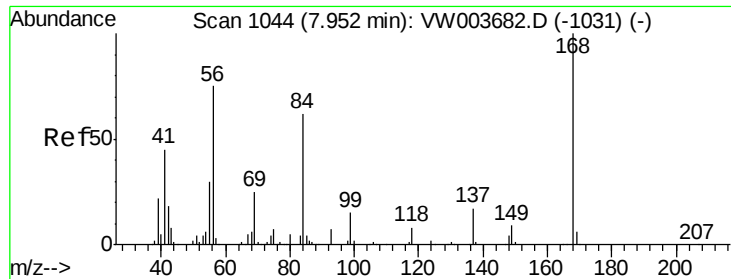
Tgt Ion: 42 Resp: 298630
Ion Ratio Lower Upper
42 100
72 40.1 32.0 48.0
71 37.9 30.2 45.2



#30
Chloroform
Concen: 107.490 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 83 Resp: 512167
Ion Ratio Lower Upper
83 100
85 64.2 49.7 74.5

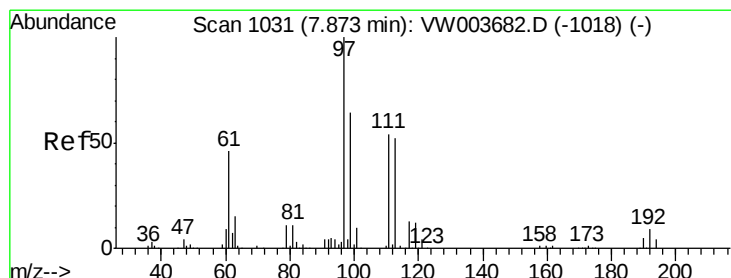
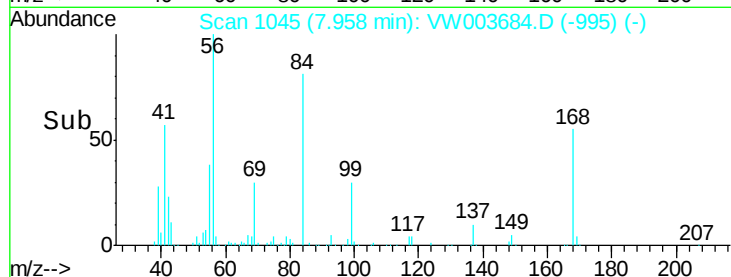
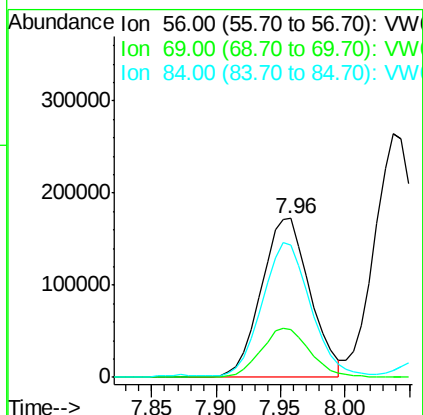
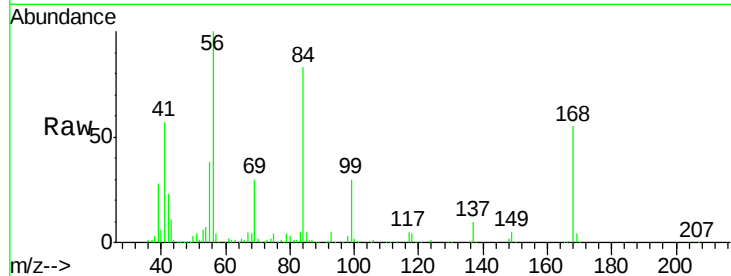




#31
Cyclohexane
Concen: 103.060 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

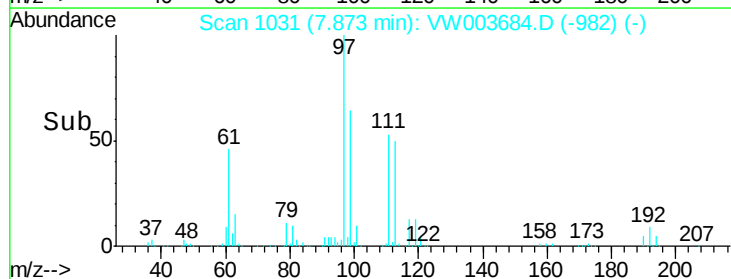
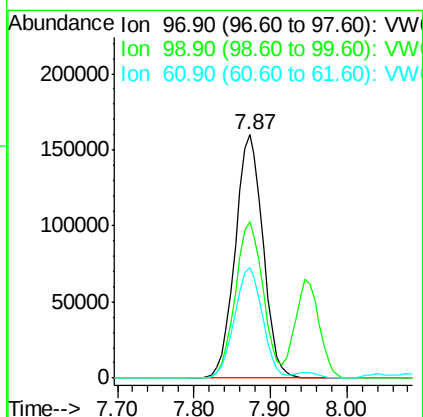
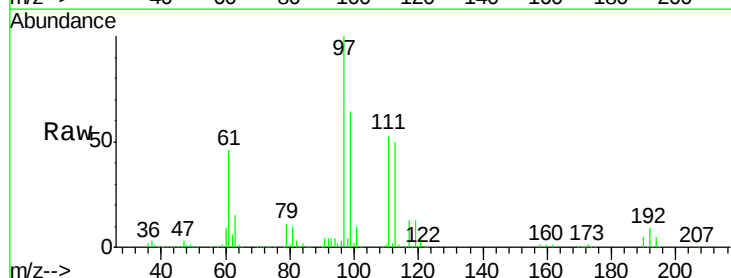
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

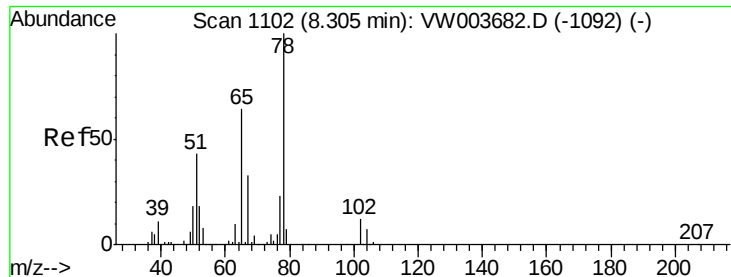
Tgt Ion: 56 Resp: 453485
Ion Ratio Lower Upper
56 100
69 30.2 27.0 40.4
84 81.6 65.4 98.0



#32
1,1,1-Trichloroethane
Concen: 102.679 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 97 Resp: 400386
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 46.0 37.2 55.8

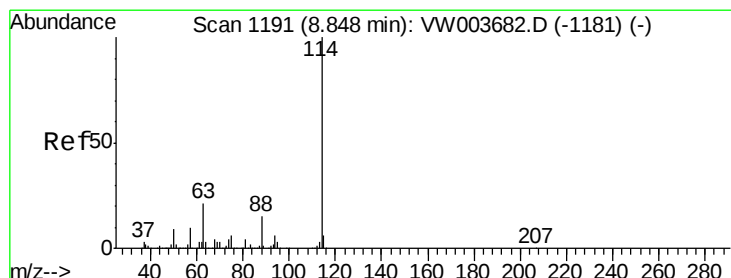
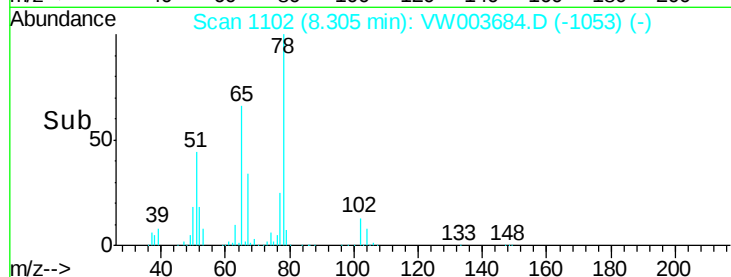
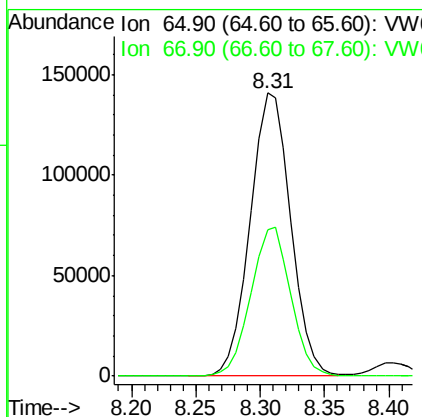
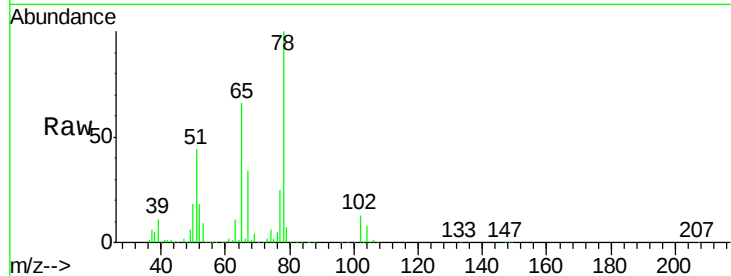




#33
 1,2-Dichloroethane-d4
 Concen: 112.659 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

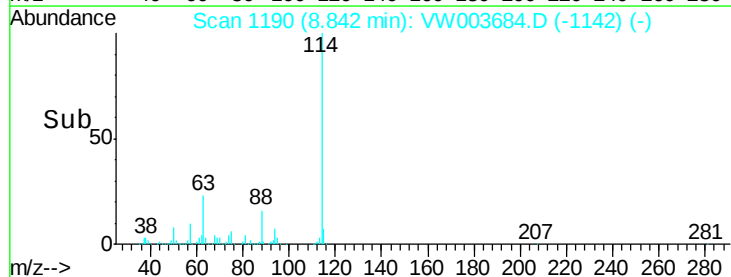
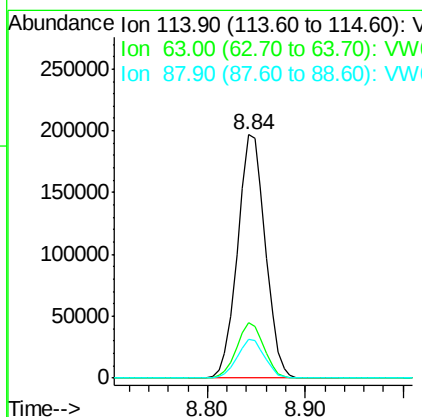
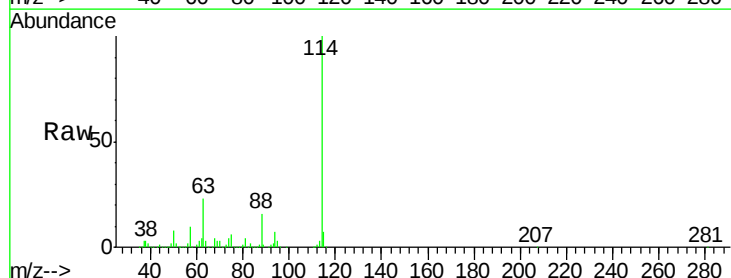
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

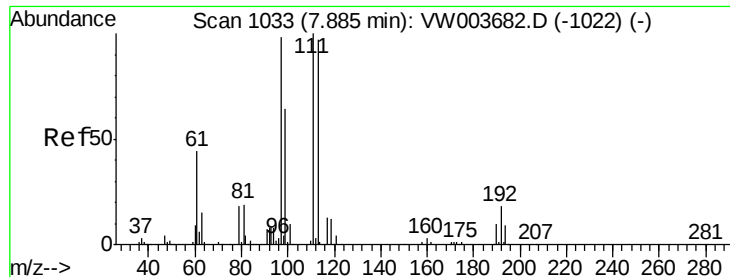
Tgt Ion: 65 Resp: 306302
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion: 114 Resp: 386787
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.6
 88 16.0 0.0 29.8

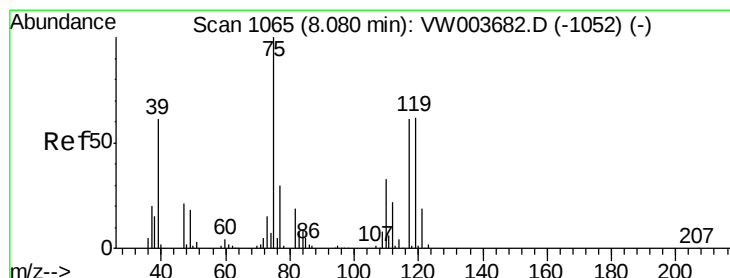
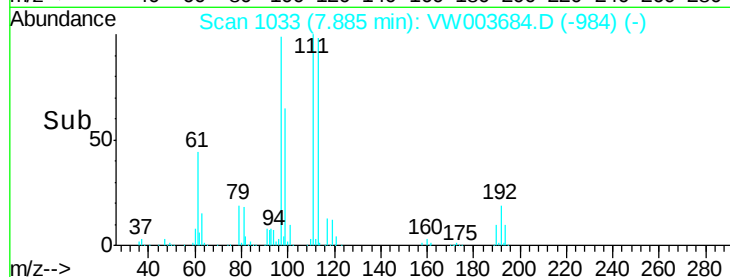
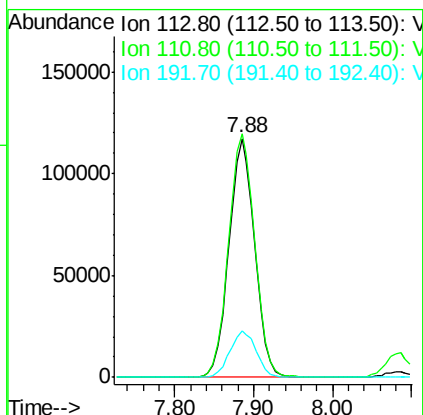
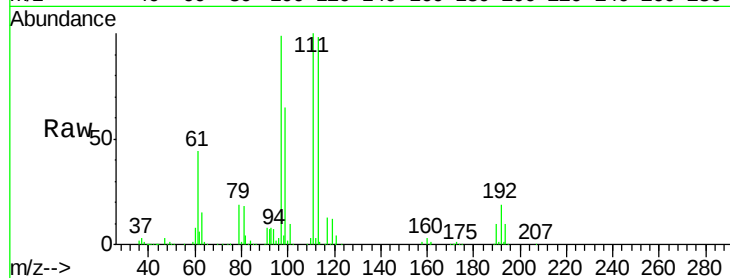




#35
 Dibromofluoromethane
 Concen: 108.390 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

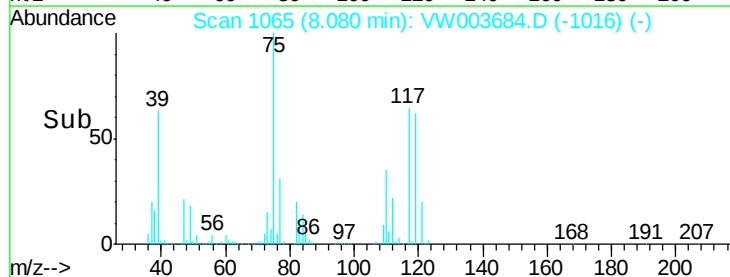
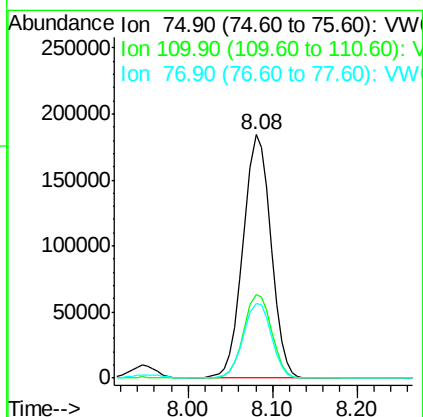
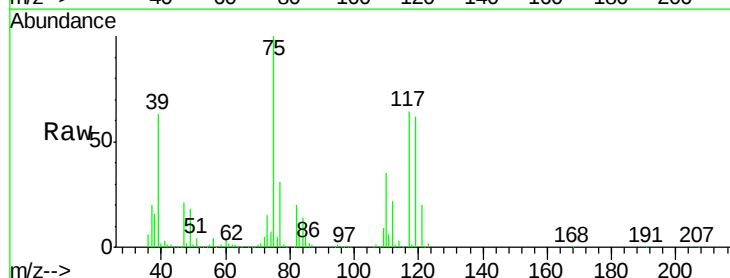
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

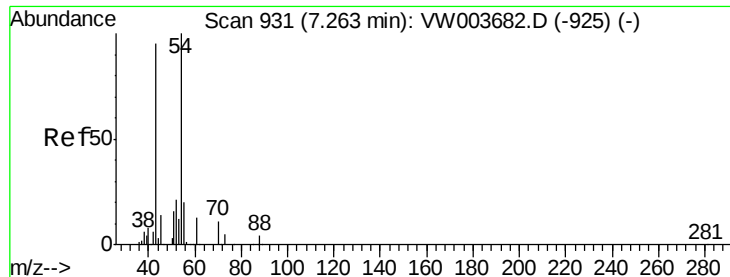
Tgt Ion: 113 Resp: 264699
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.4 123.6
 192 20.0 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 107.992 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion: 75 Resp: 410907
 Ion Ratio Lower Upper
 75 100
 110 34.6 16.9 50.6
 77 31.3 24.9 37.3

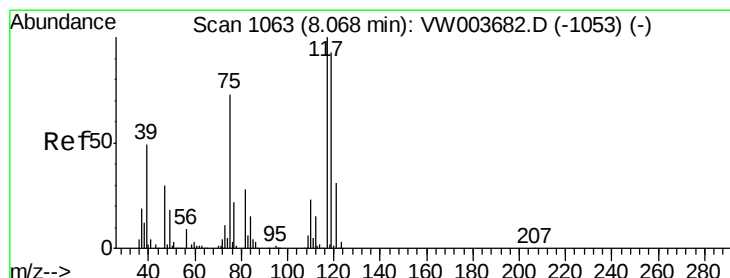
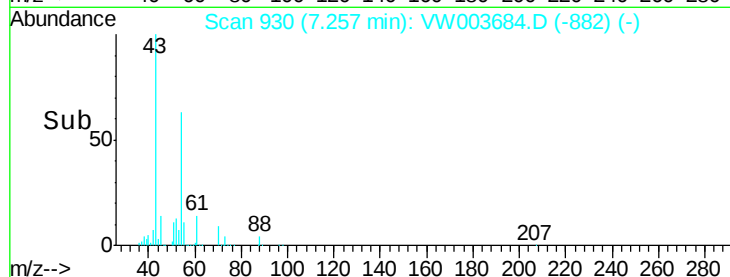
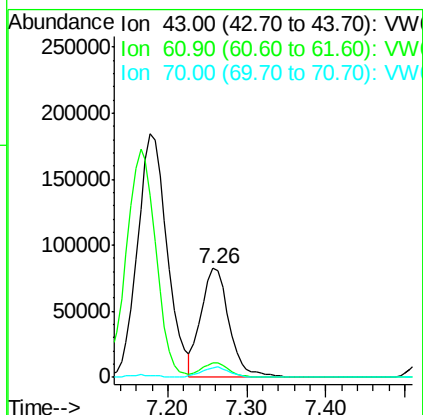
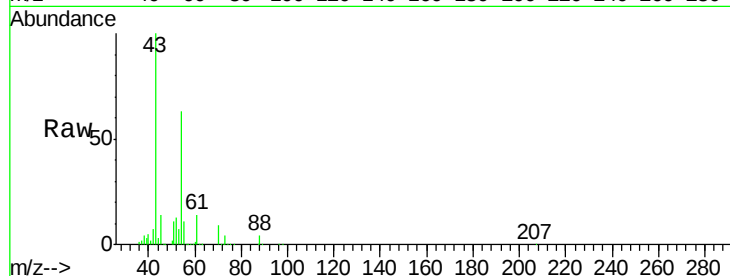




#37
Ethyl Acetate
Concen: 127.164 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

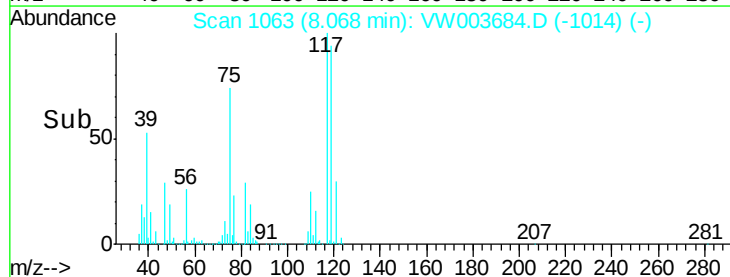
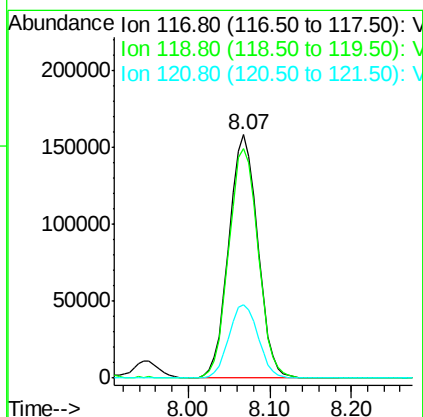
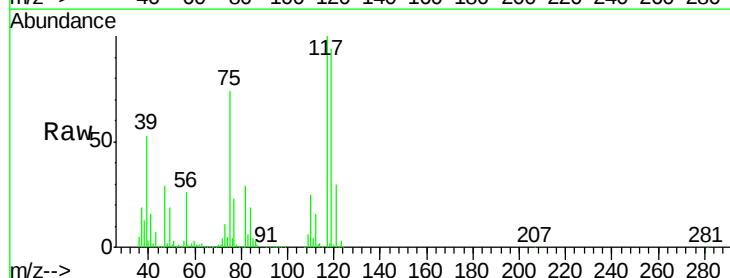
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

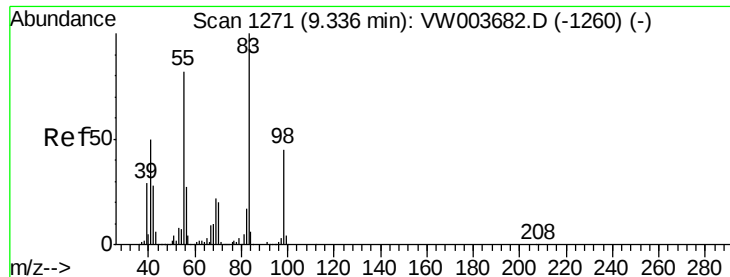
Tgt Ion: 43 Resp: 205124
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 104.514 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 117 Resp: 386787
Ion Ratio Lower Upper
117 100
119 94.3 74.1 111.1
121 30.4 25.0 37.4

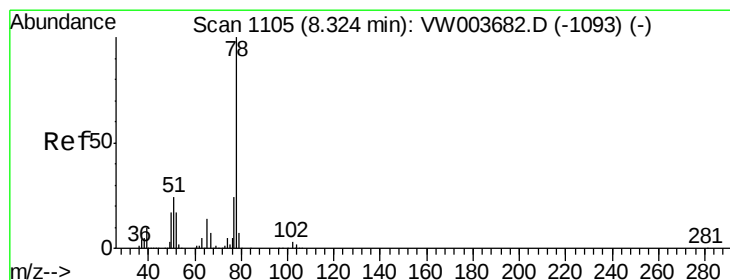
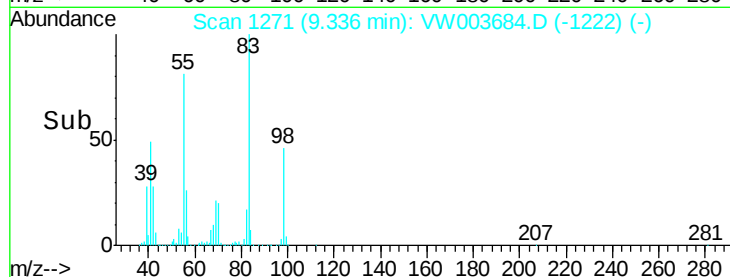
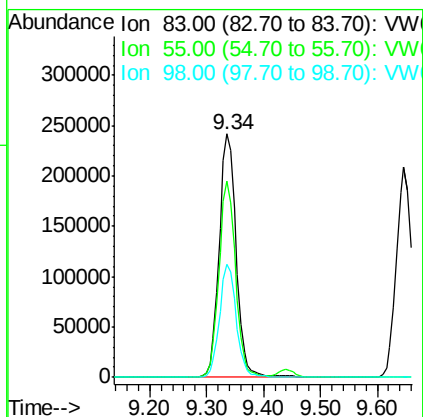
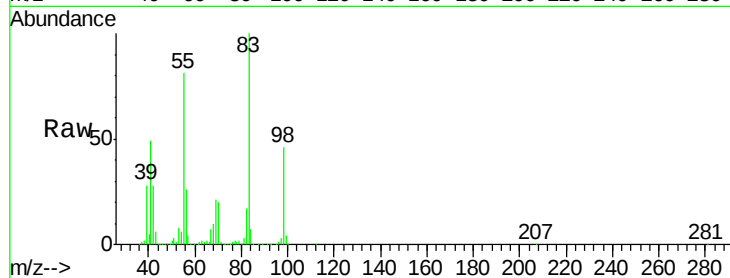




#39
Methylcyclohexane
Concen: 113.555 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

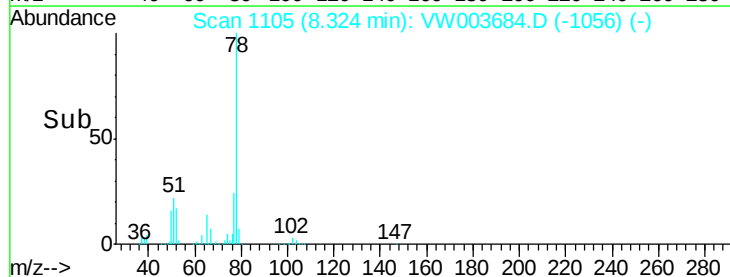
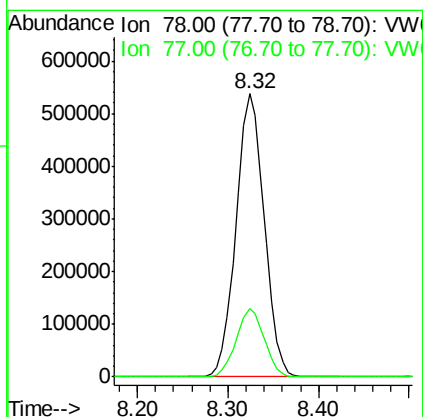
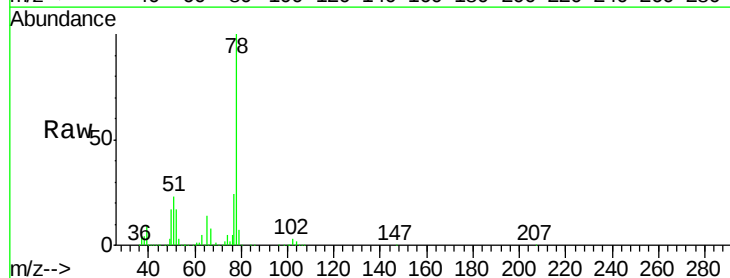
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

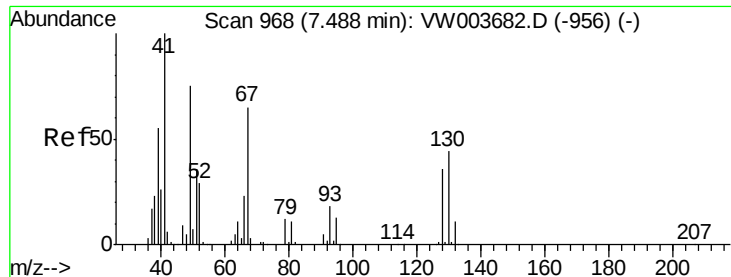
Tgt Ion: 83 Resp: 501417
Ion Ratio Lower Upper
83 100
55 80.6 65.3 97.9
98 46.2 36.3 54.5



#40
Benzene
Concen: 110.144 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 78 Resp: 1155678
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

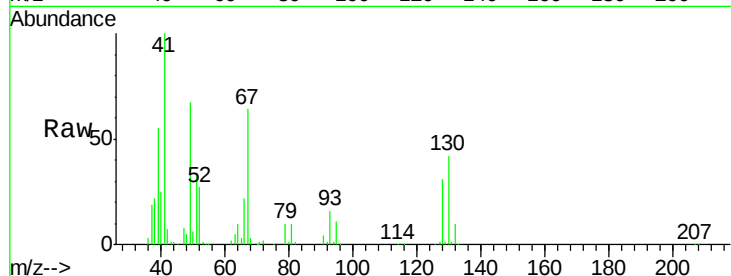




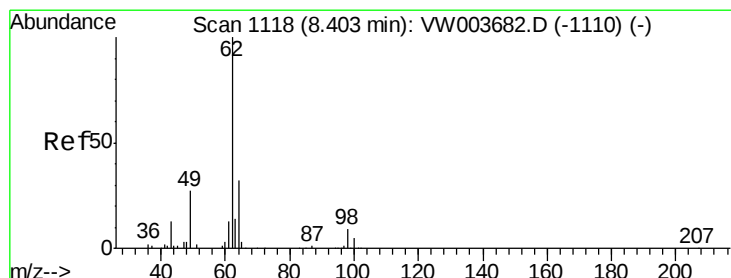
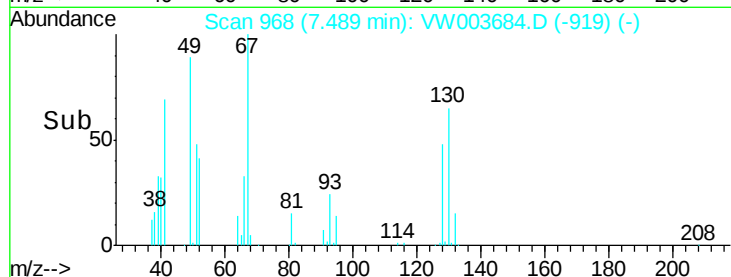
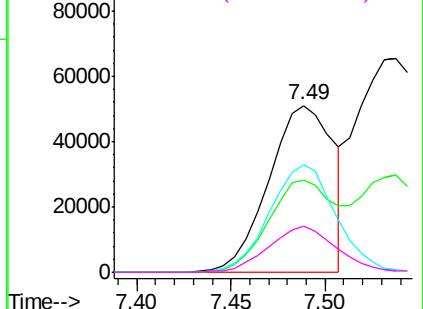
#41
Methacrylonitrile
Concen: 124.567 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	121723
Ion	Ratio	Lower	Upper
41	100		
39	54.5	47.8	71.8
67	66.2	53.9	80.9
52	29.1	25.0	37.6

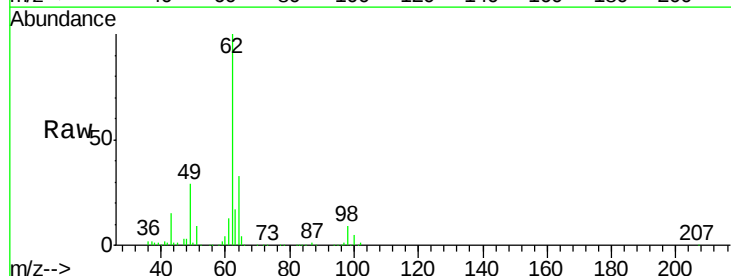


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

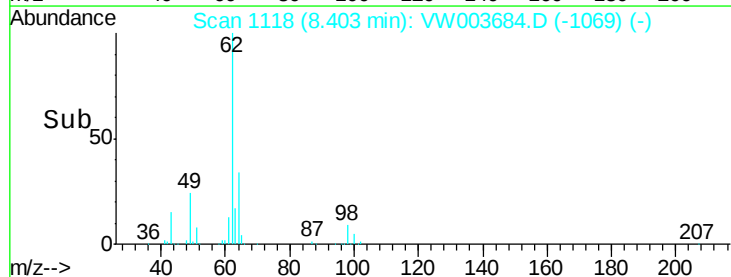
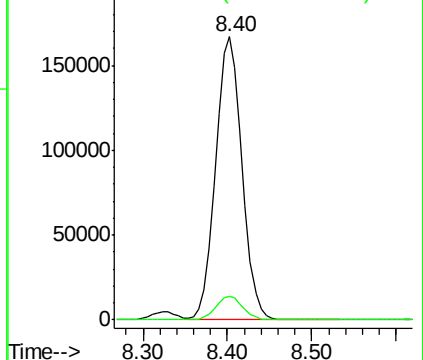


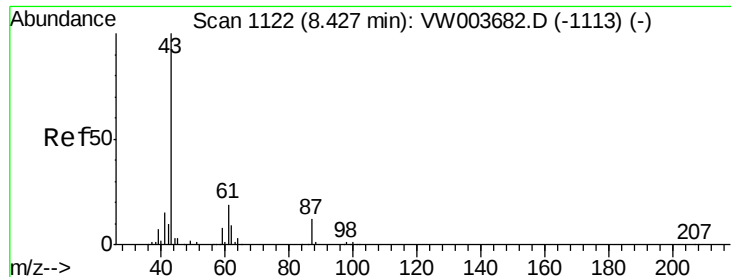
#42
1,2-Dichloroethane
Concen: 109.442 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion:	62	Resp:	359347
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 126.070 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

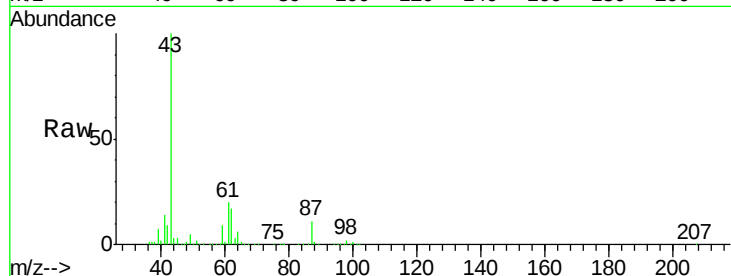
Tgt Ion: 43 Resp: 399321

Ion Ratio Lower Upper

43 100

61 28.1 23.0 34.6

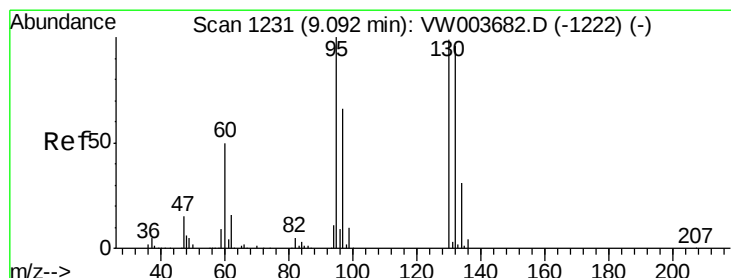
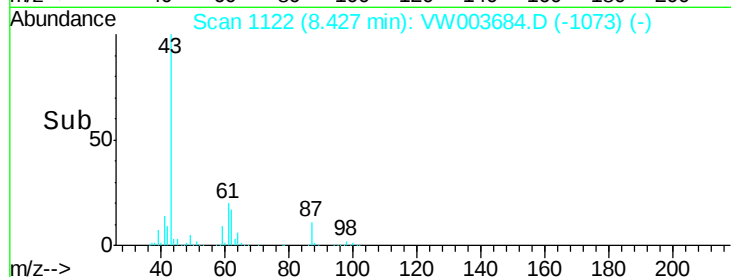
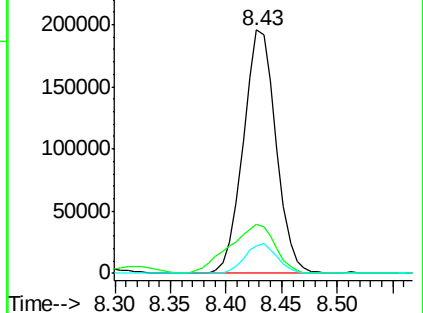
87 12.0 9.8 14.6



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: 107.342 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003684.D

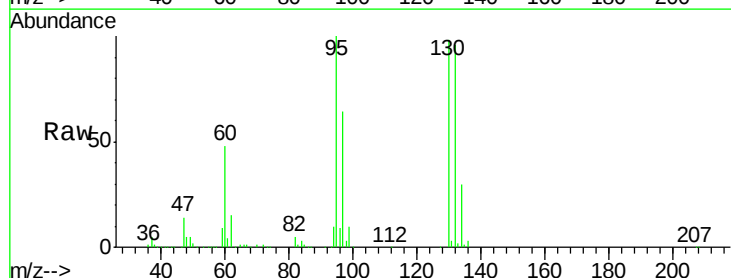
Acq: 02 Jul 2018 18:42

Tgt Ion: 130 Resp: 295846

Ion Ratio Lower Upper

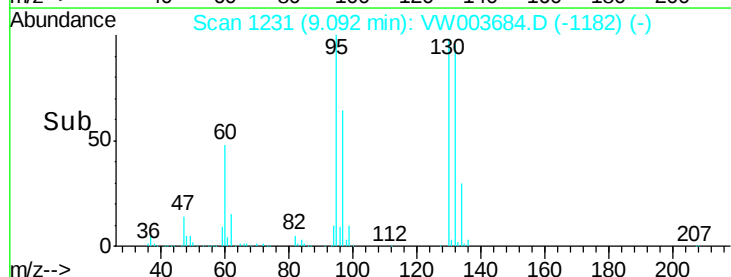
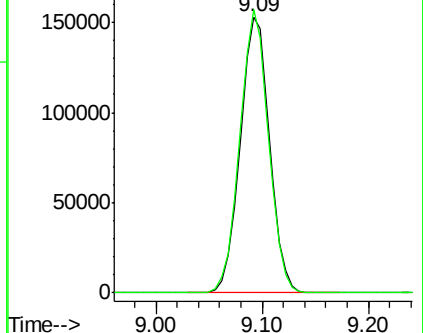
130 100

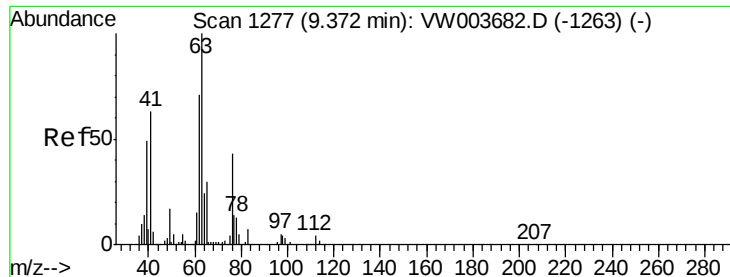
95 102.5 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 111.715 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

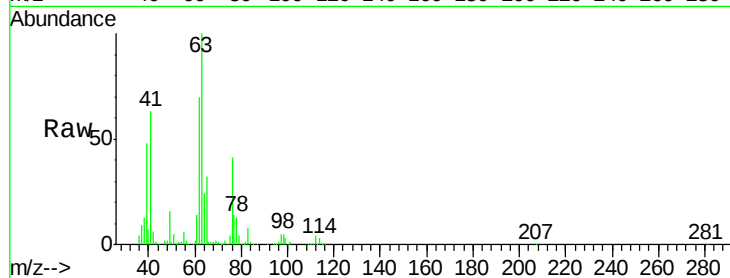
VSTDIC100

Tgt Ion: 63 Resp: 298364

Ion Ratio Lower Upper

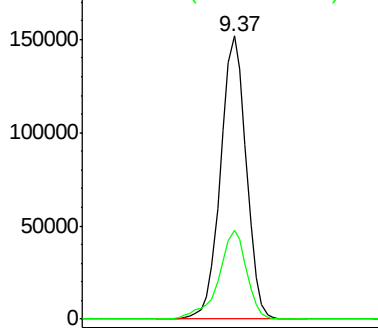
63 100

65 31.6 24.3 36.5

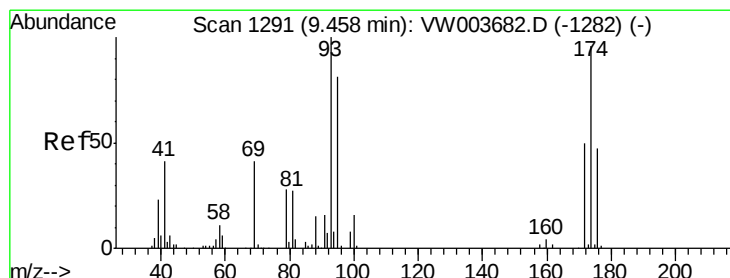
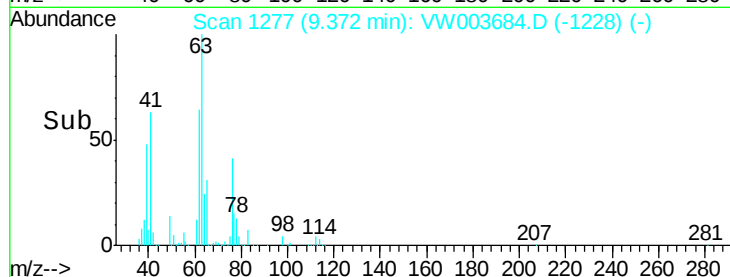


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



Time-->



#46

Dibromomethane

Concen: 114.073 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

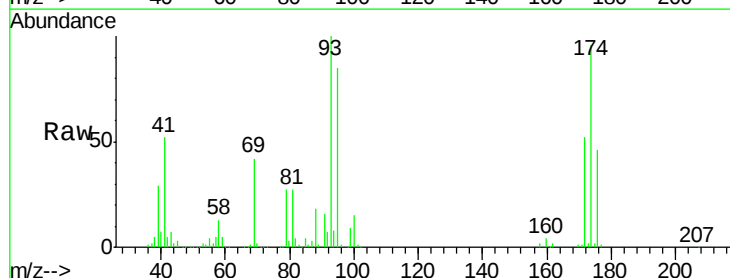
Tgt Ion: 93 Resp: 156625

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

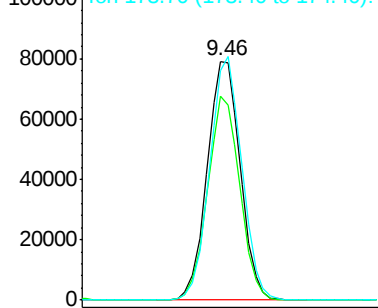
174 98.8 79.6 119.4



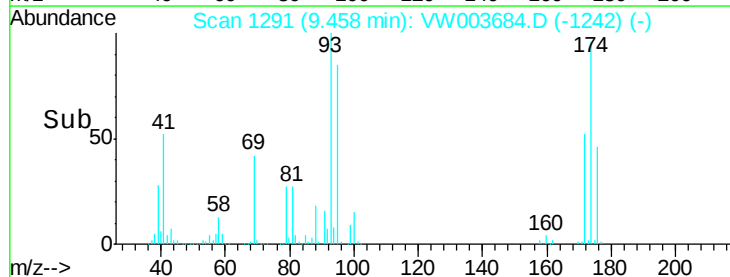
Abundance Ion 92.80 (92.50 to 93.50): VW

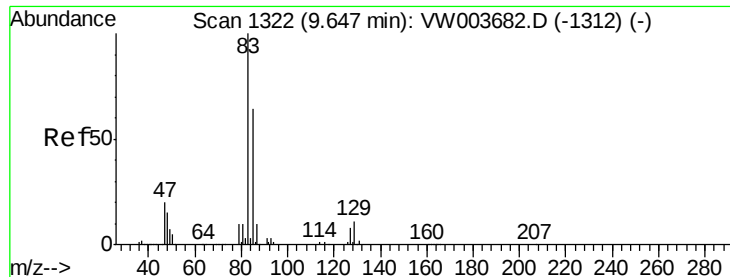
Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 111.070 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

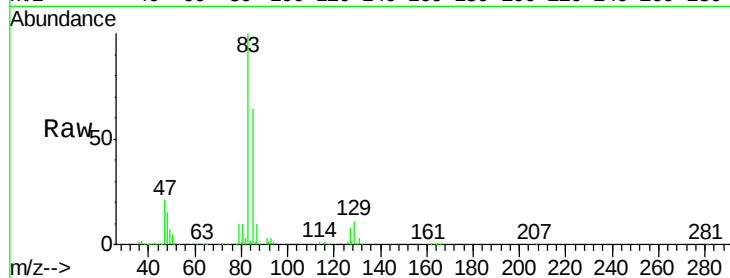
Tgt Ion: 83 Resp: 388739

Ion Ratio Lower Upper

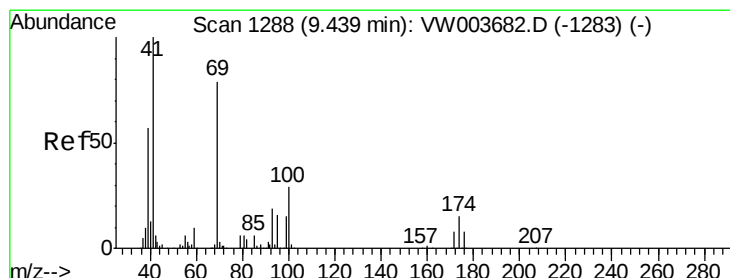
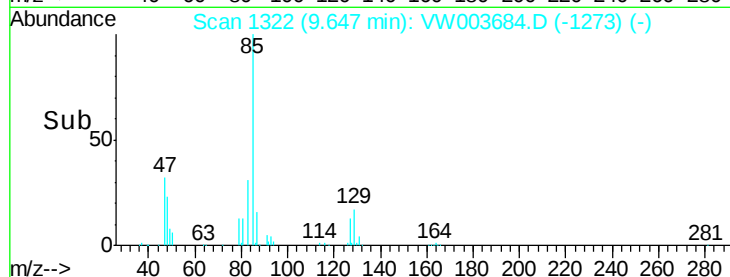
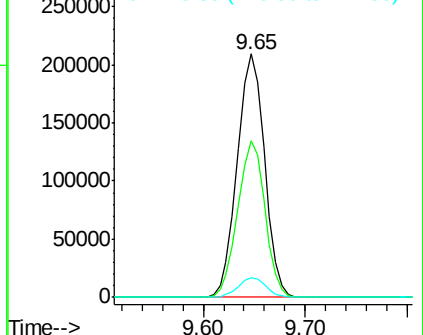
83 100

85 64.3 51.1 76.7

127 8.1 6.5 9.7



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



#48

Methyl methacrylate

Concen: 131.107 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

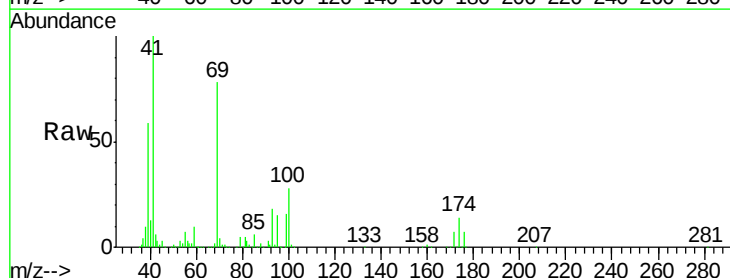
Tgt Ion: 41 Resp: 195786

Ion Ratio Lower Upper

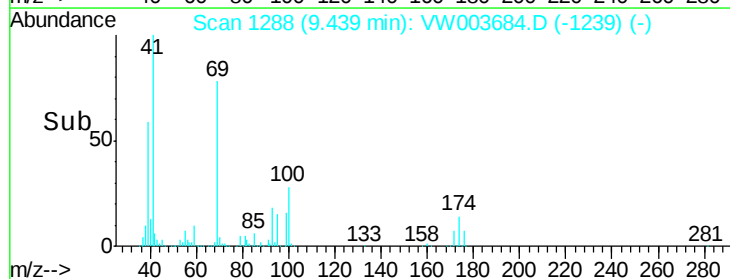
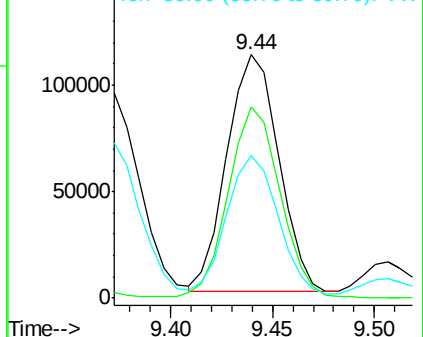
41 100

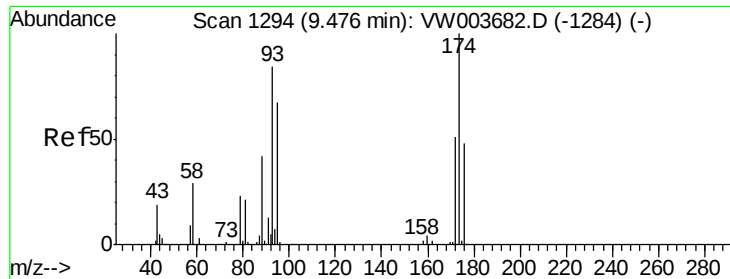
69 81.7 65.4 98.2

39 61.7 50.0 75.0



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

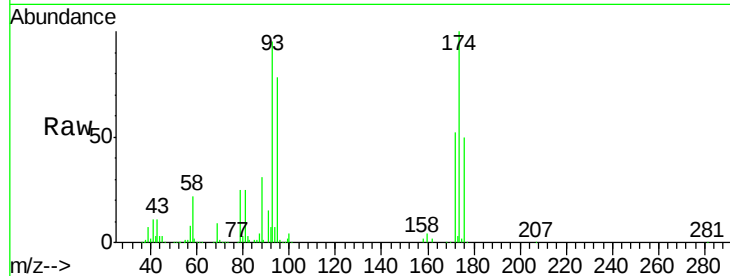




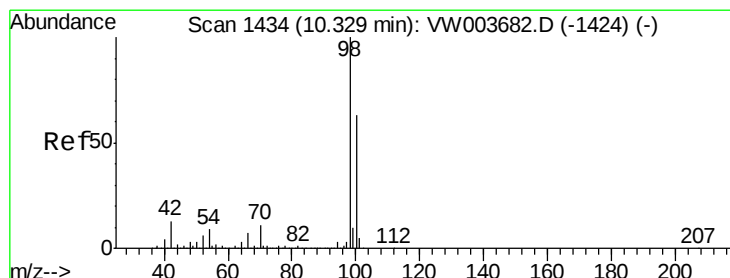
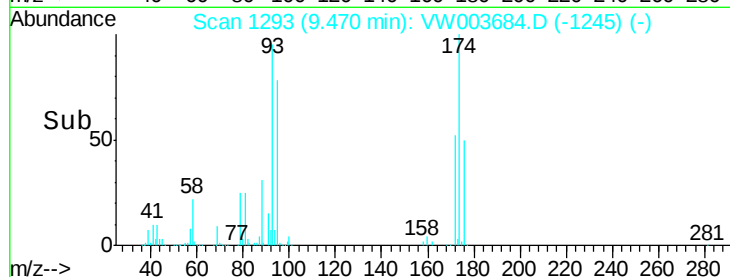
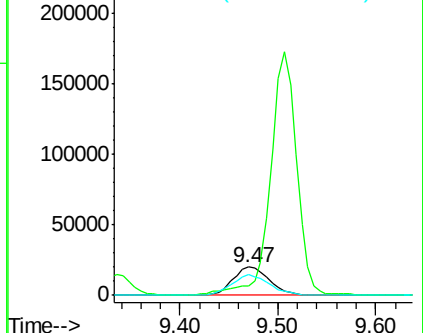
#49
1,4-Dioxane
Concen: 2502.265 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 51982
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.7 61.8 92.6

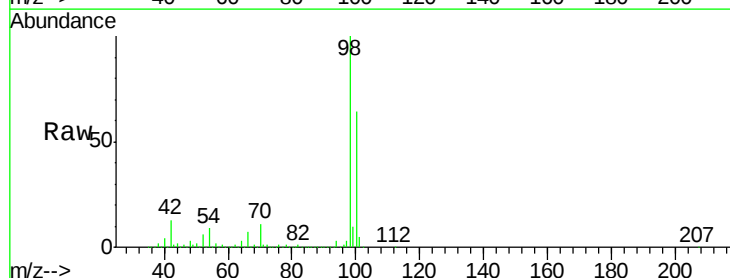


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

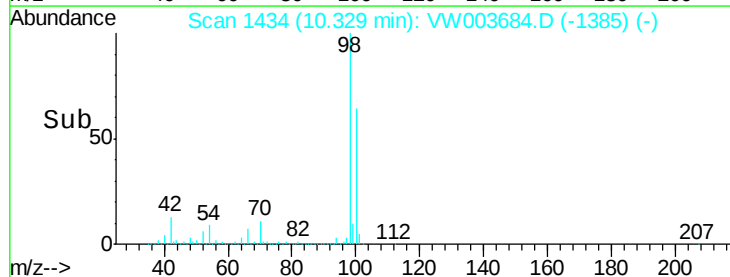
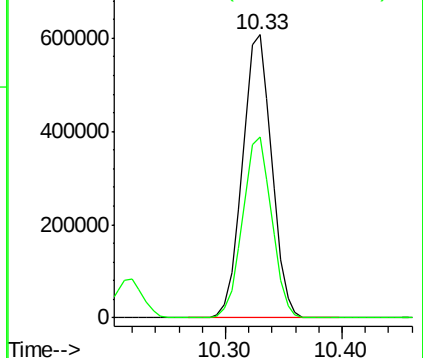


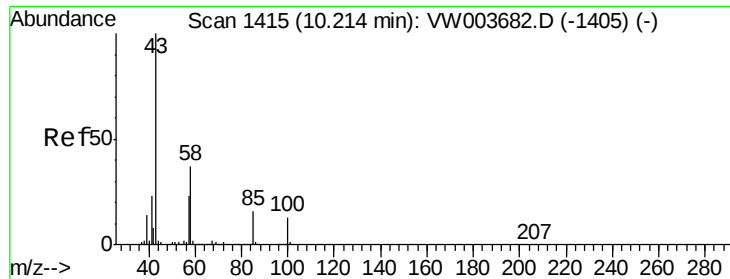
#50
Toluene-d8
Concen: 110.184 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 98 Resp: 1064780
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

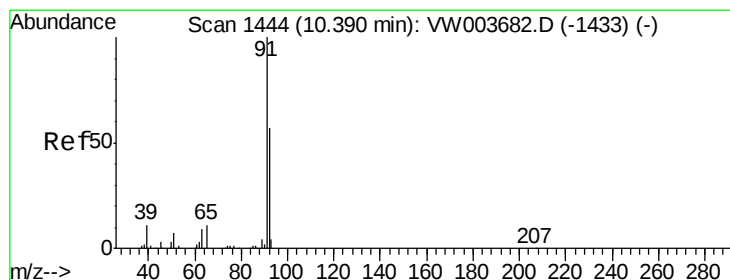
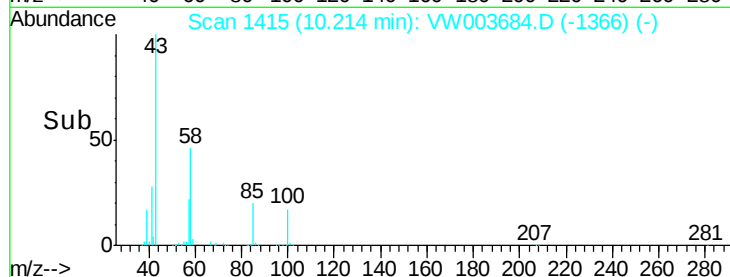
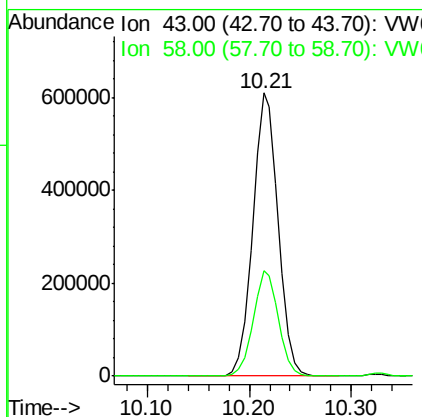
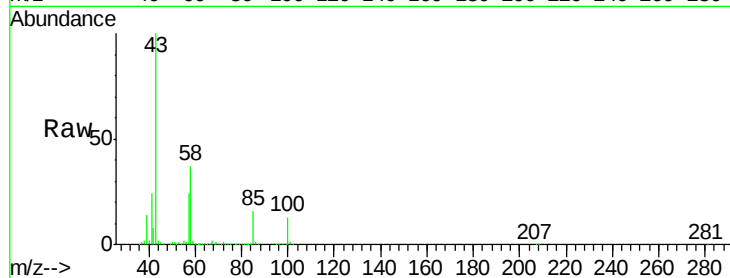




#51
 4-Methyl-2-Pentanone
 Concen: 647.733 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

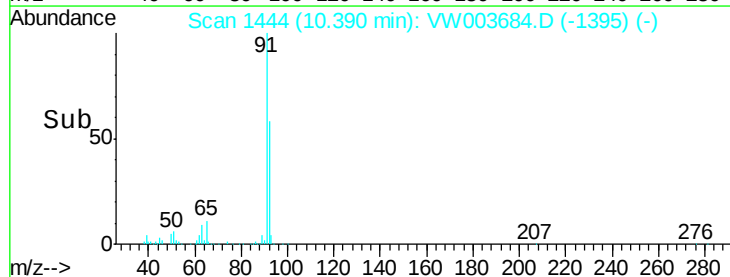
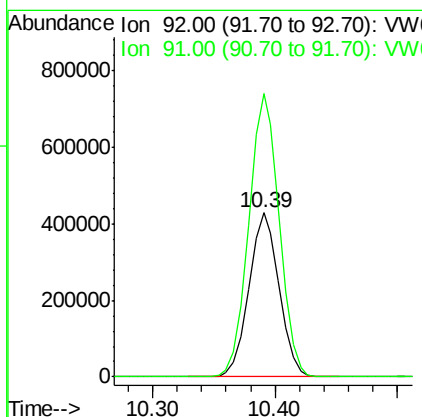
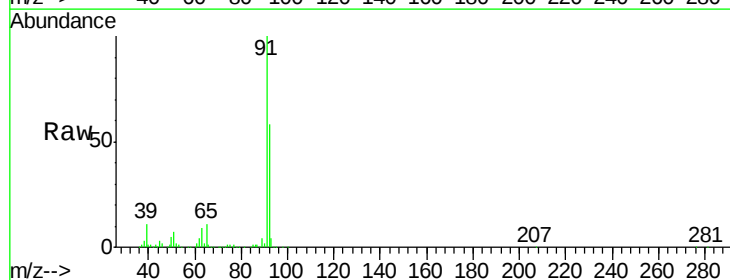
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

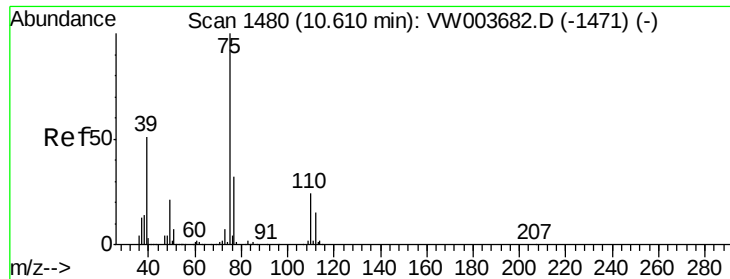
Tgt Ion: 43 Resp: 1052292
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.6 44.4



#52
 Toluene
 Concen: 109.104 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion: 92 Resp: 732690
 Ion Ratio Lower Upper
 92 100
 91 174.3 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 117.376 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

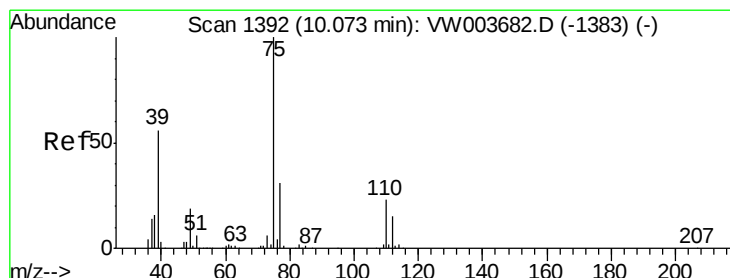
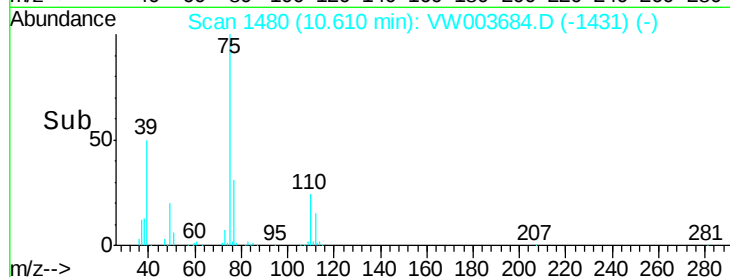
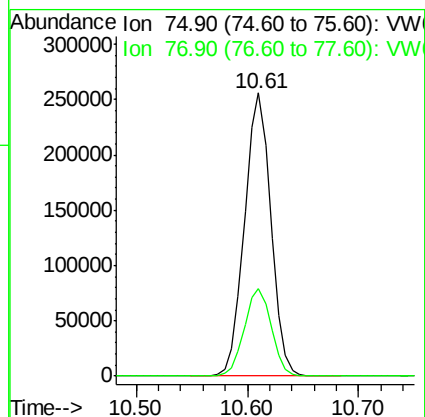
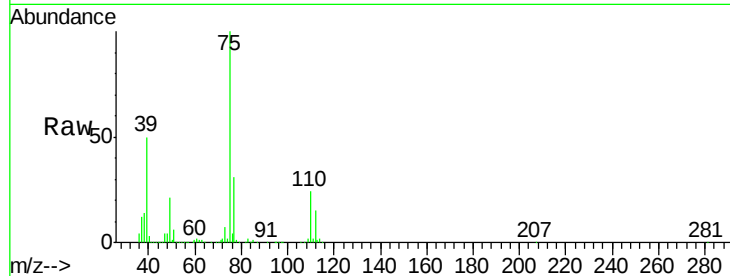
VSTDICC100

Tgt Ion: 75 Resp: 420740

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 115.758 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

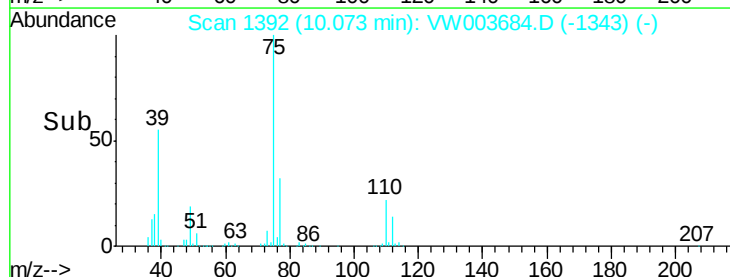
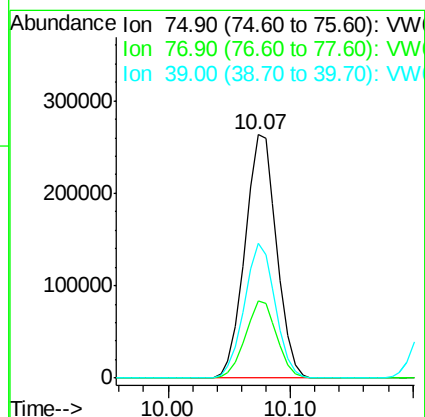
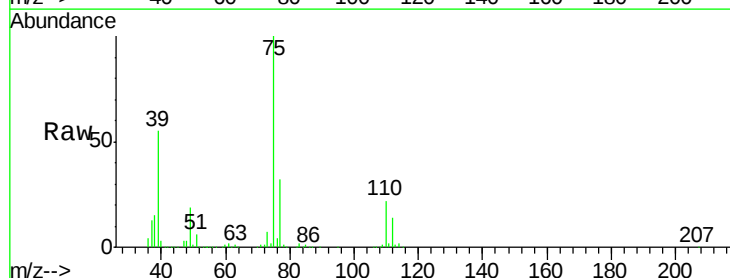
Tgt Ion: 75 Resp: 472935

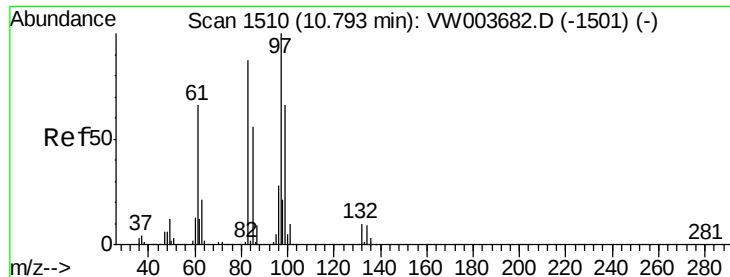
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 55.2 44.6 67.0

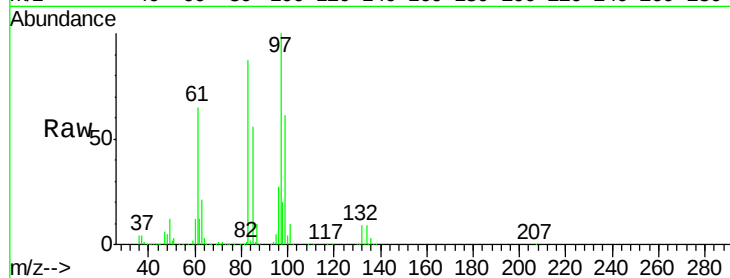




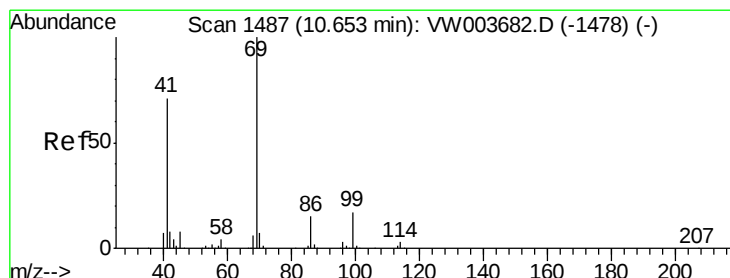
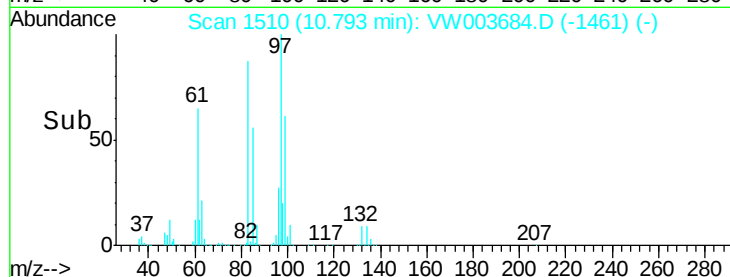
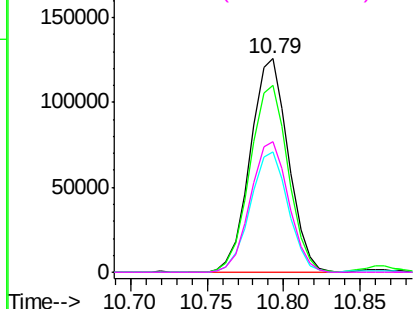
#55
 1,1,2-Trichloroethane
 Concen: 112.897 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	218325
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.5	104.3
85	56.4	44.7	67.1
99	61.4	52.6	78.8

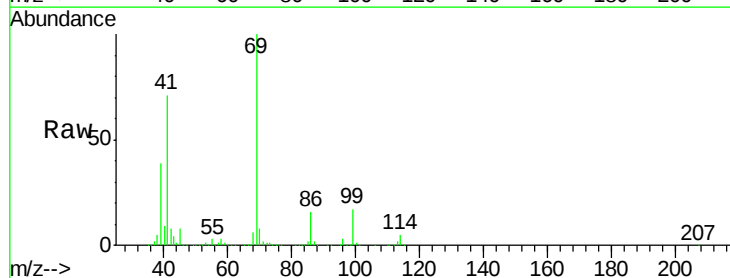


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

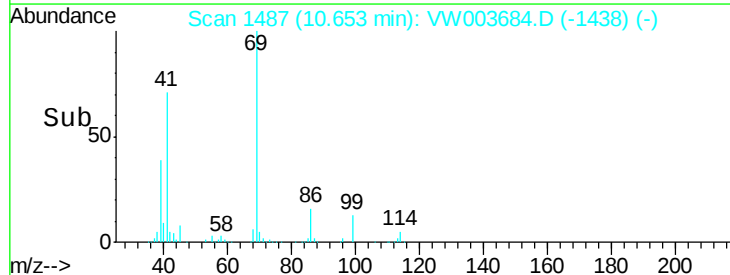
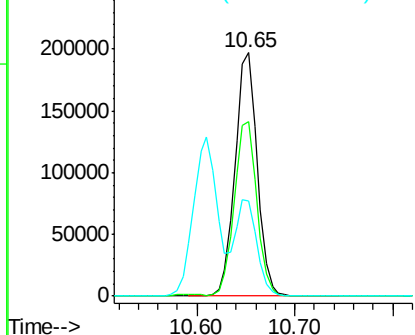


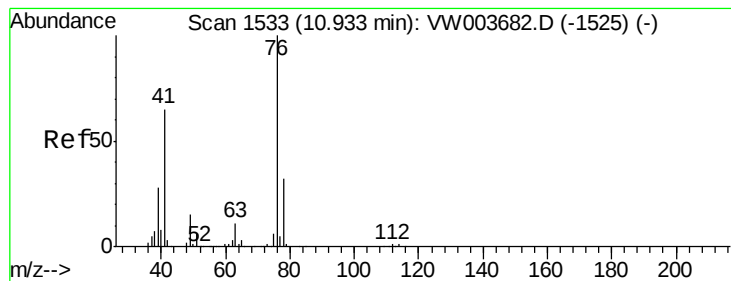
#56
 Ethyl methacrylate
 Concen: 131.017 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion:	69	Resp:	309737
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.5	86.3
39	39.9	29.4	44.0



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: 115.421 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

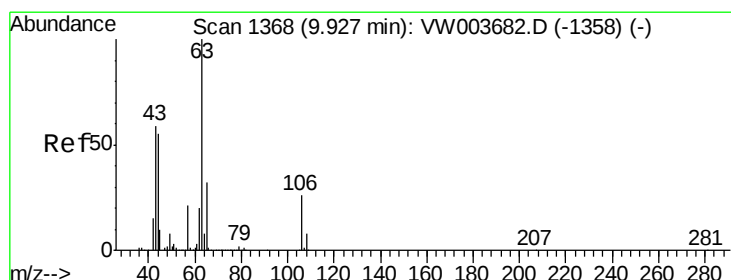
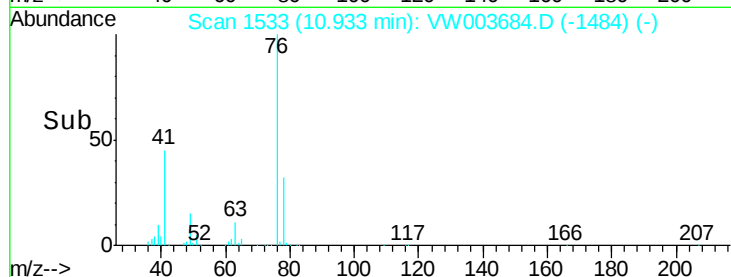
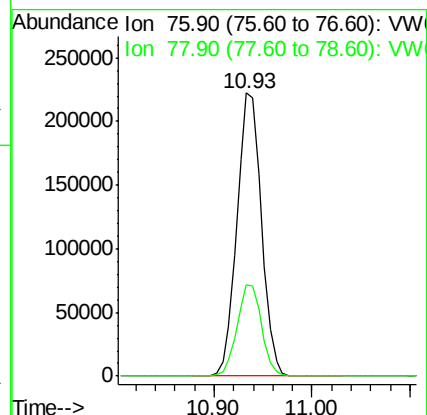
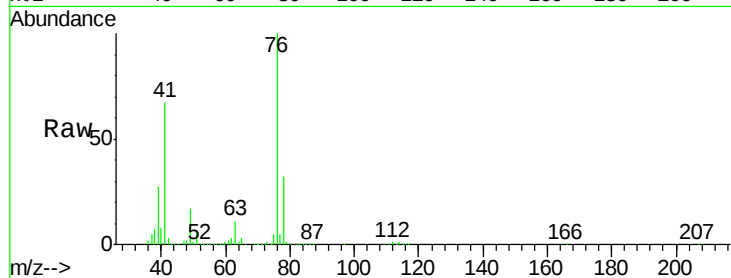
VSTDICC100

Tgt Ion: 76 Resp: 385815

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 565.424 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003684.D

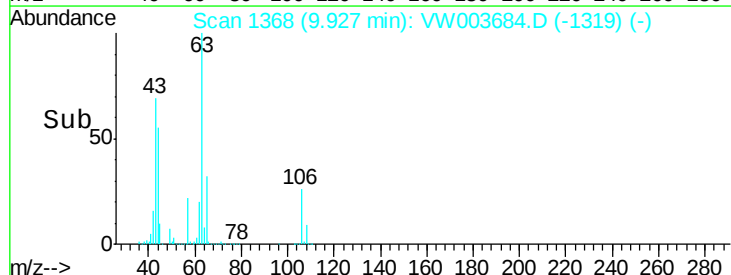
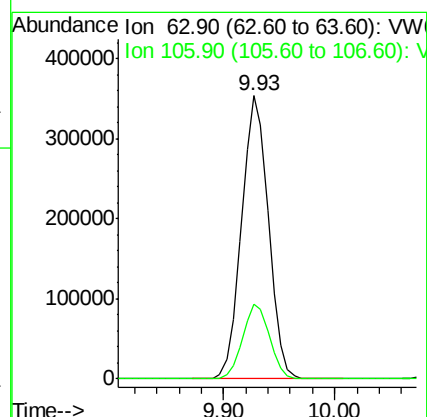
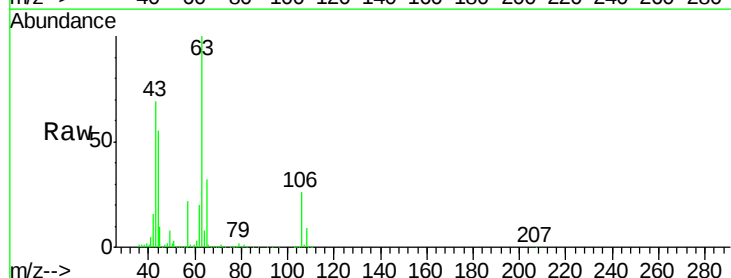
Acq: 02 Jul 2018 18:42

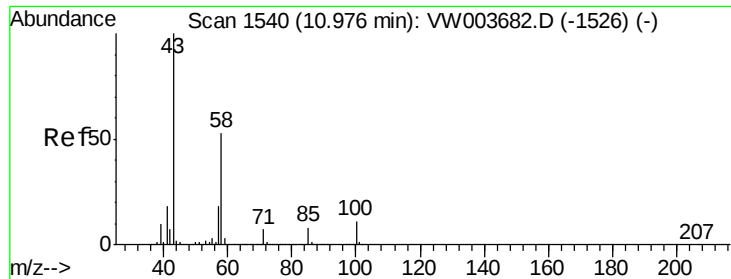
Tgt Ion: 63 Resp: 589325

Ion Ratio Lower Upper

63 100

106 26.4 20.7 31.1

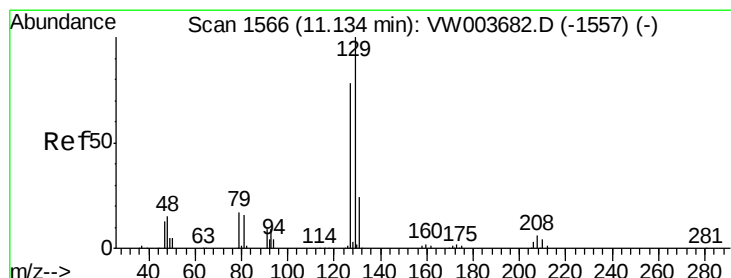
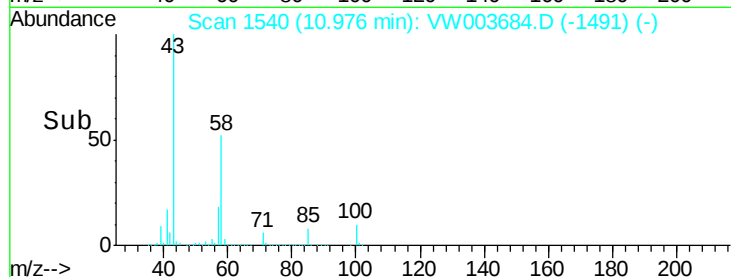
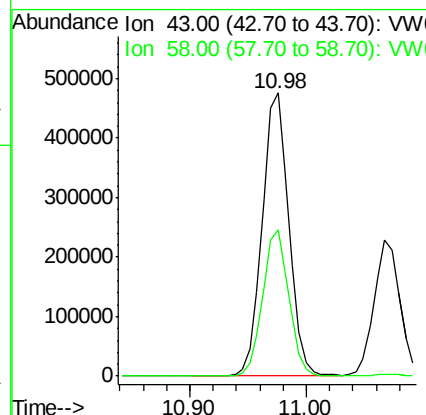
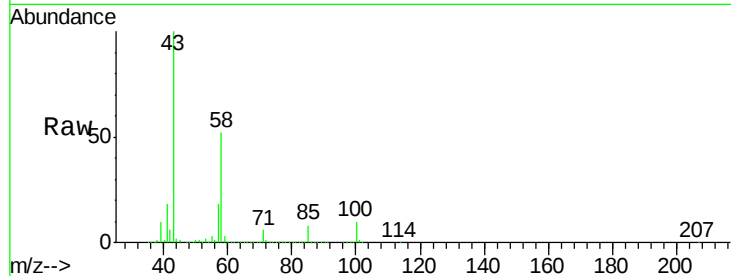




#59
2-Hexanone
Concen: 666.811 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

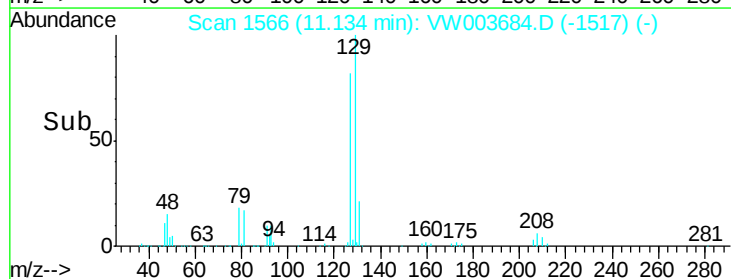
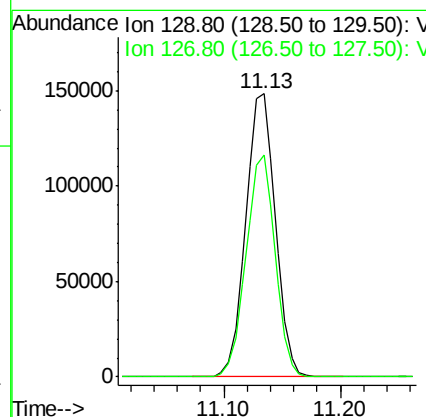
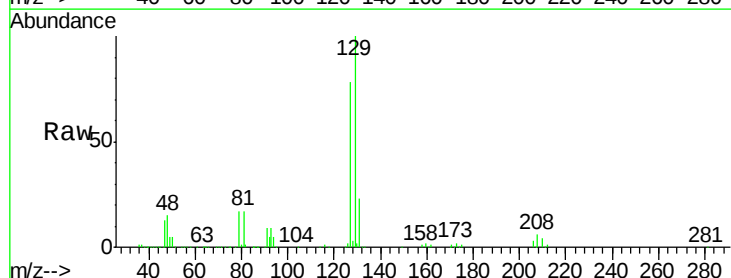
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

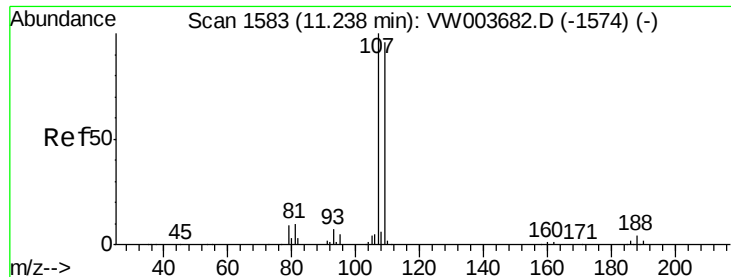
Tgt Ion: 43 Resp: 758343
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.6



#60
Dibromochloromethane
Concen: 115.524 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 129 Resp: 264100
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

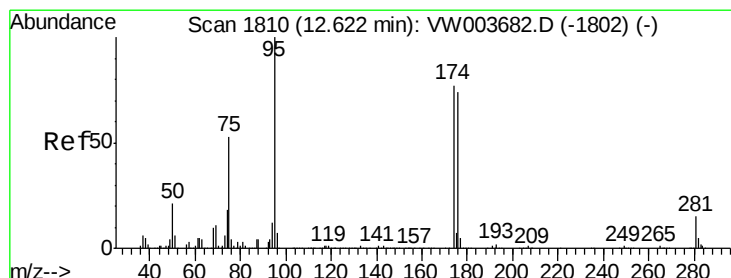
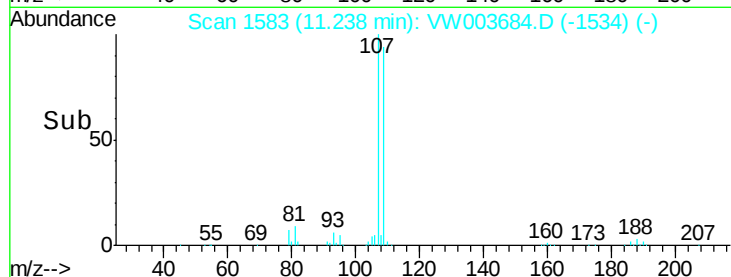
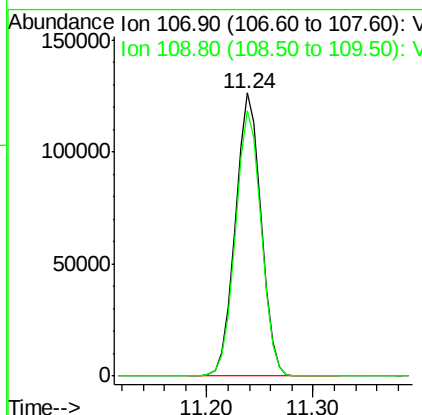
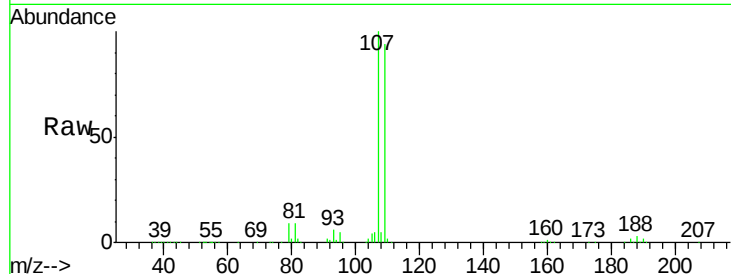




#61
 1,2-Dibromoethane
 Concen: 117.303 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

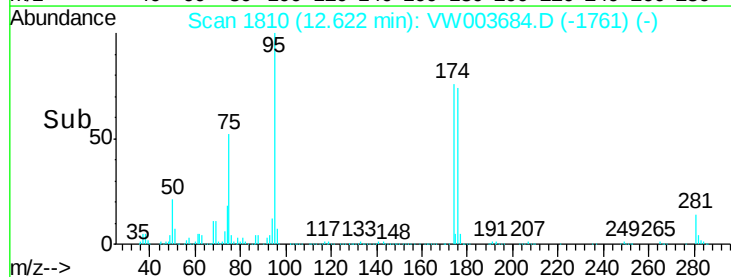
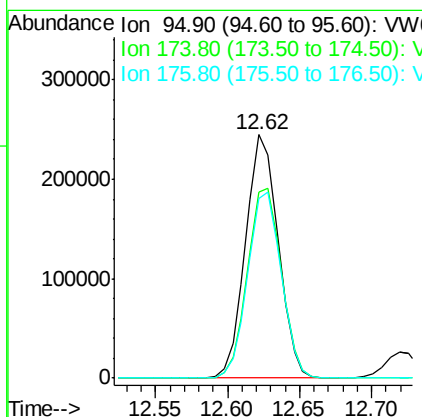
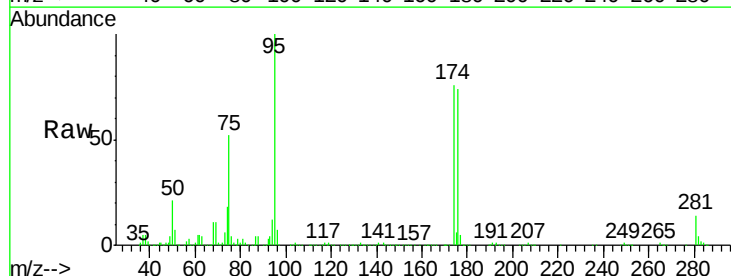
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

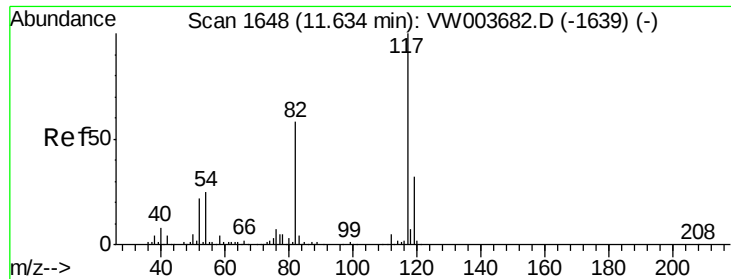
Tgt Ion: 107 Resp: 214641
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 112.055 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion: 95 Resp: 384911
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 161.2
 176 78.2 0.0 155.0

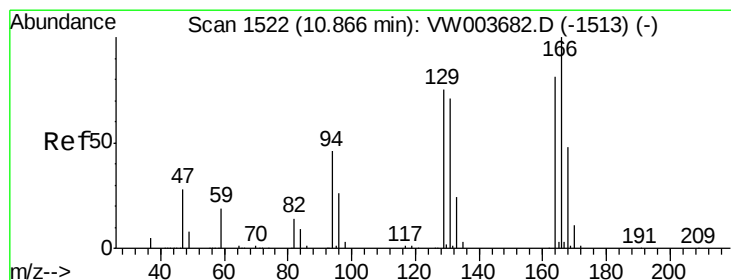
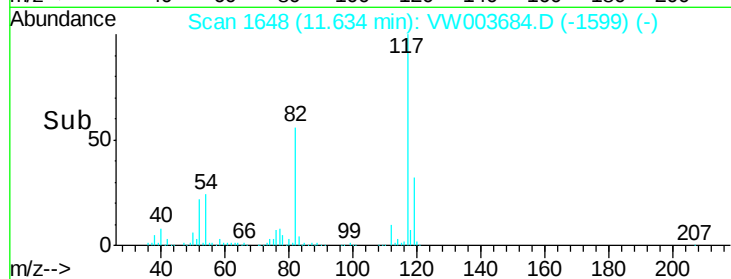
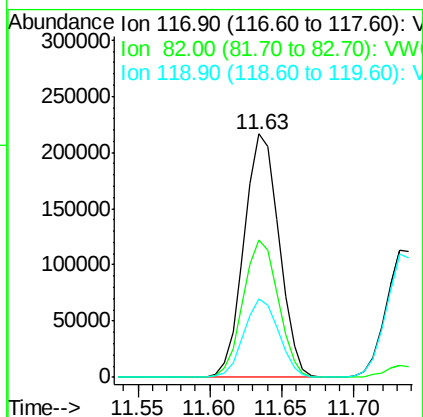
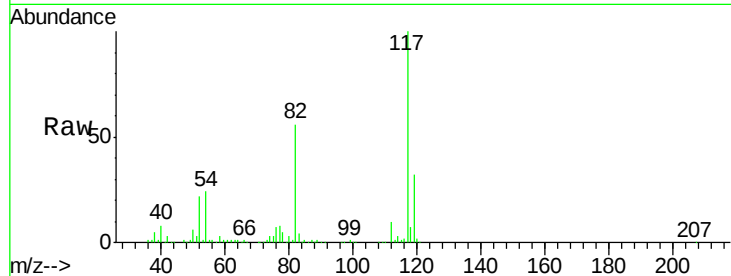




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

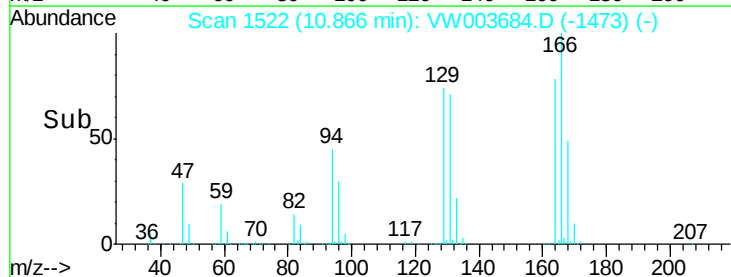
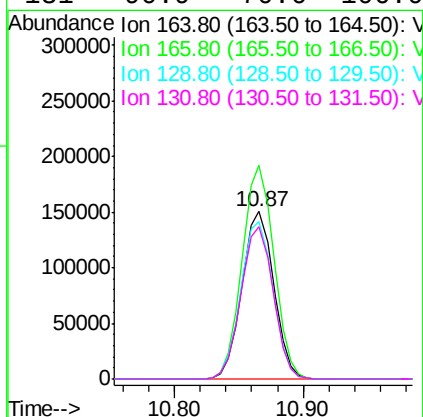
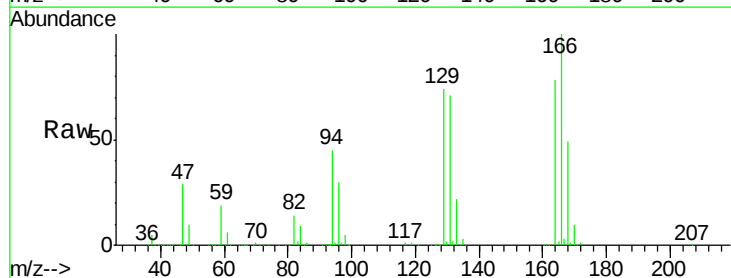
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

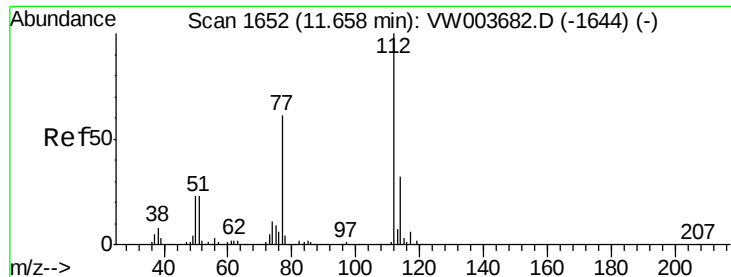
Tgt Ion:117 Resp: 365168
Ion Ratio Lower Upper
117 100
82 56.3 46.0 69.0
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 103.951 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion:164 Resp: 256001
Ion Ratio Lower Upper
164 100
166 127.6 99.0 148.4
129 94.2 73.8 110.6
131 90.9 70.6 106.0

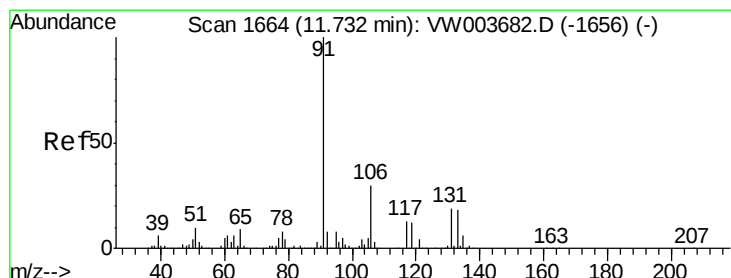
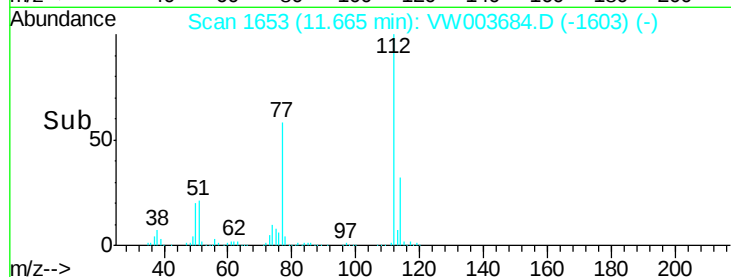
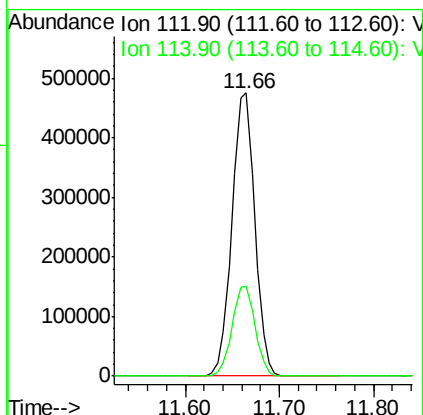
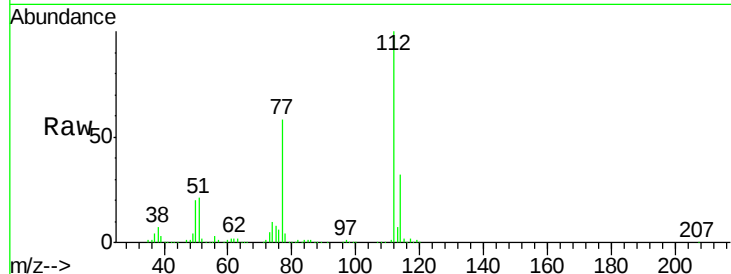




#65
Chlorobenzene
Concen: 104.133 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

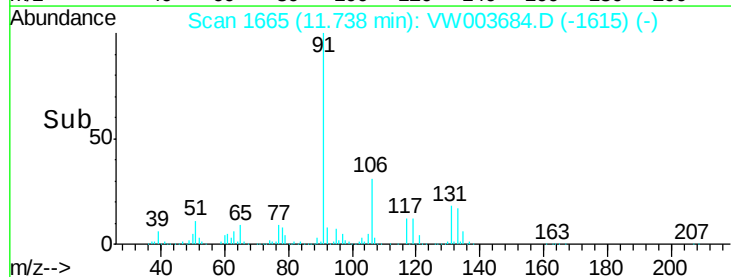
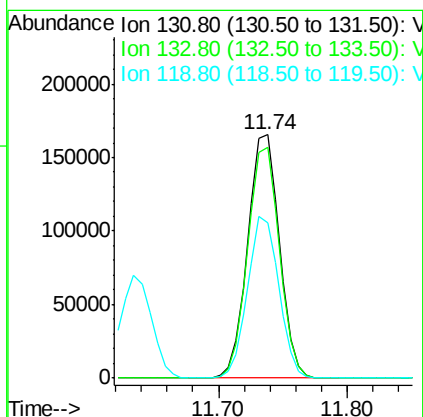
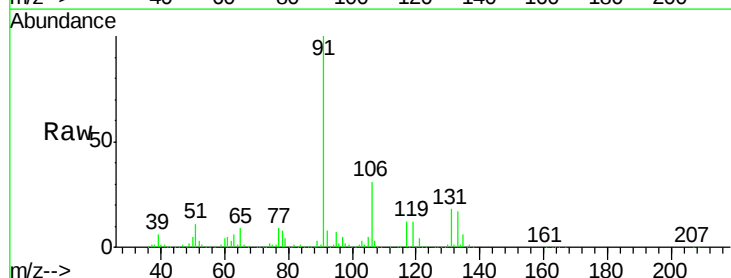
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

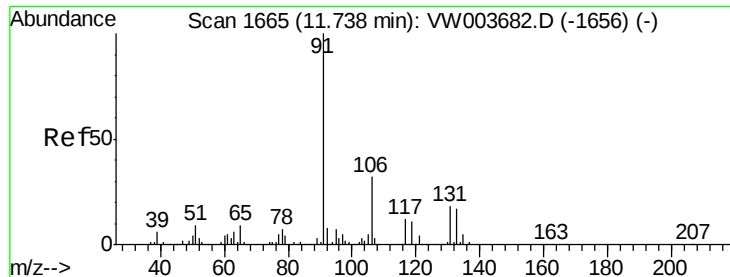
Tgt Ion:112 Resp: 798797
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 104.434 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion:131 Resp: 281079
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.8
119 65.6 31.9 95.9

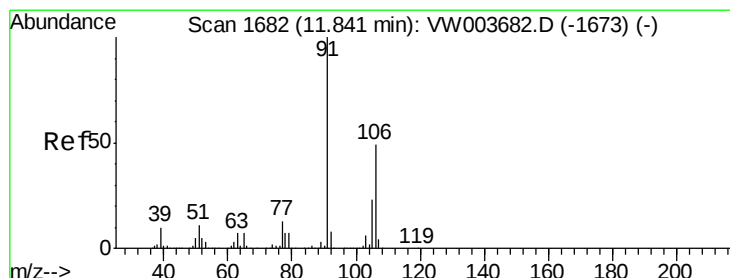
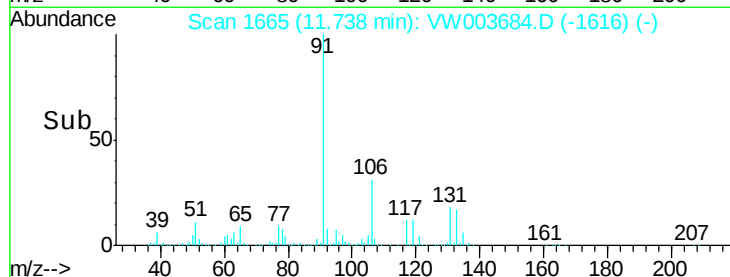
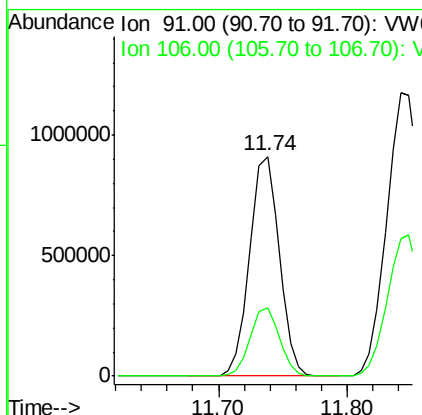
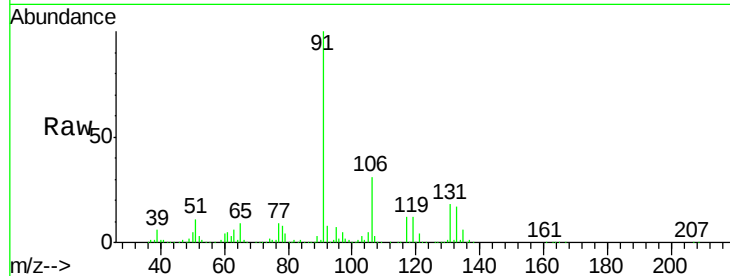




#67
Ethyl Benzene
Concen: 106.371 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

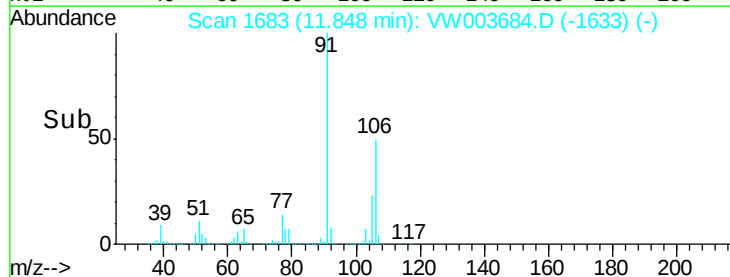
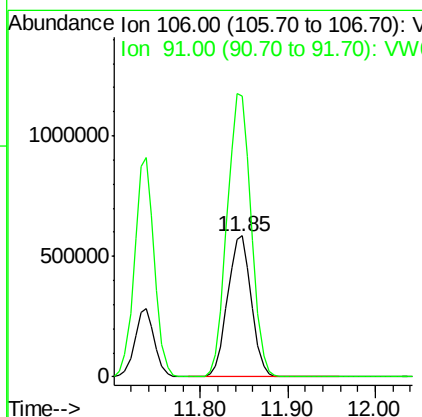
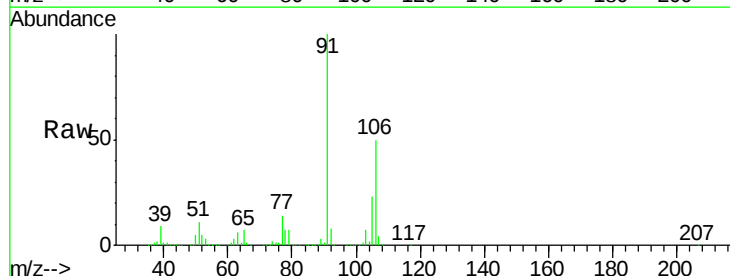
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

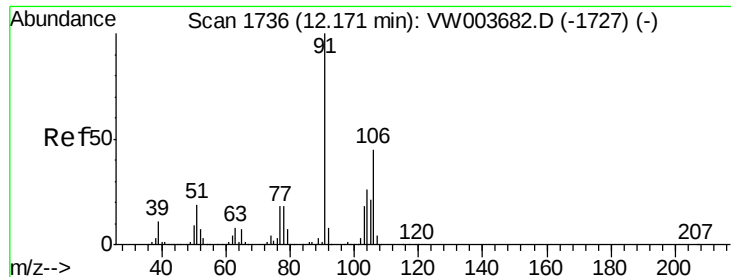
Tgt Ion: 91 Resp: 1447673
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 212.263 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion: 106 Resp: 1098280
Ion Ratio Lower Upper
106 100
91 204.2 163.7 245.5

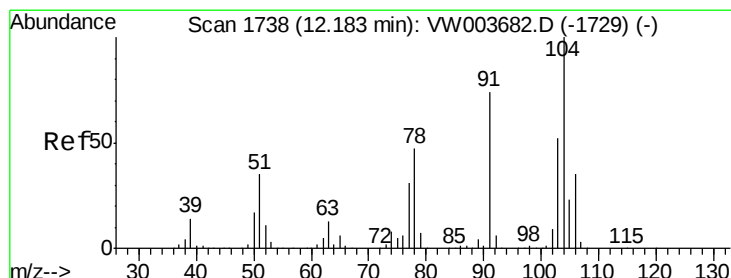
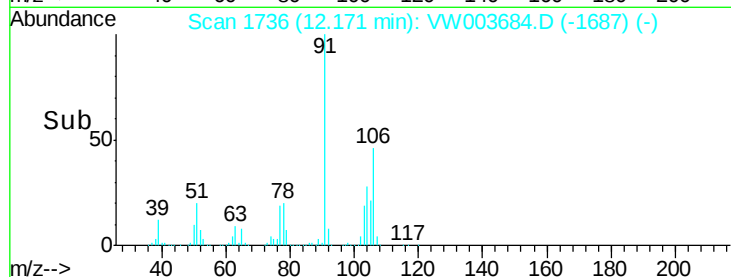
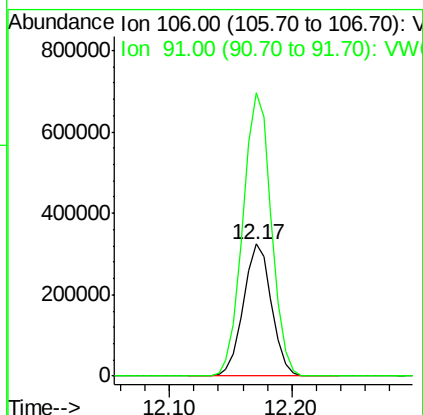
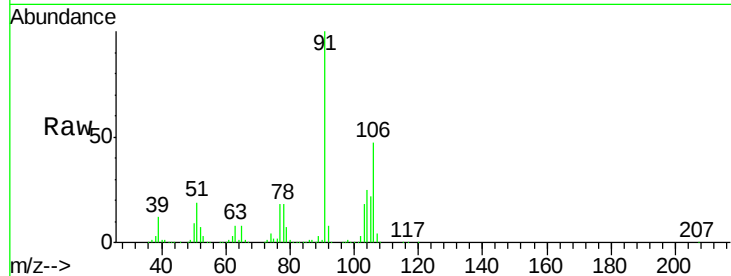




#69
o-Xylene
Concen: 108.074 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

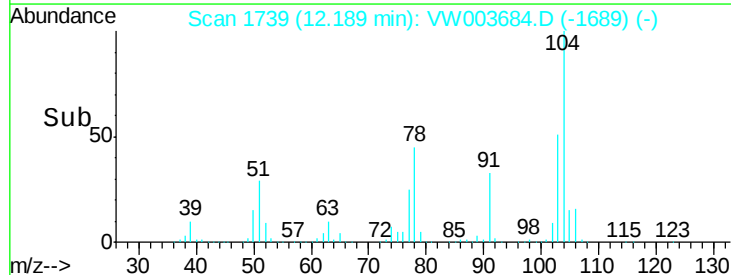
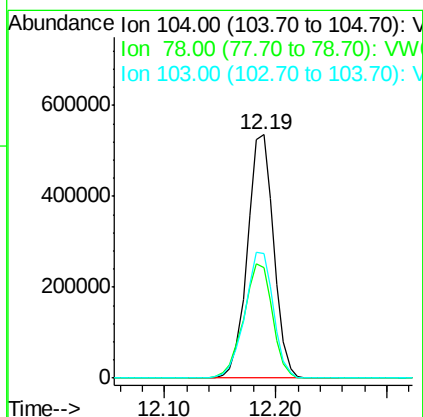
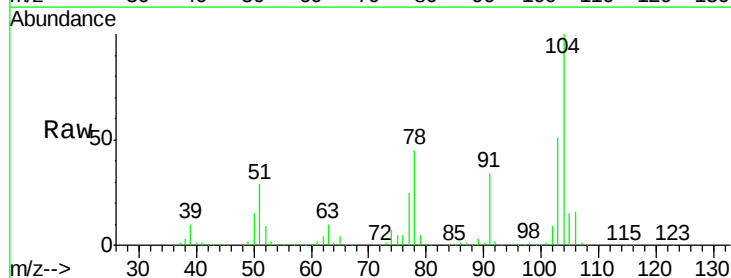
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

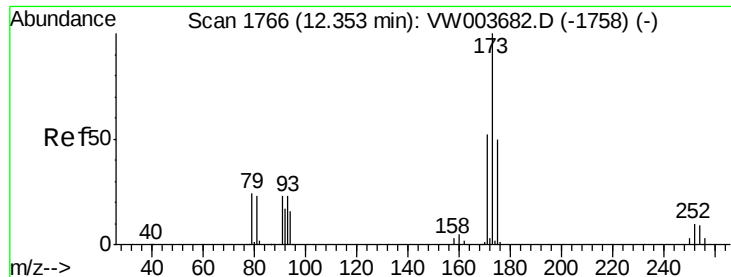
Tgt Ion:106 Resp: 516422
Ion Ratio Lower Upper
106 100
91 217.0 109.3 327.8



#70
Styrene
Concen: 109.794 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion:104 Resp: 877593
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 56.1 44.4 66.6





#71

Bromoform

Concen: 116.100 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

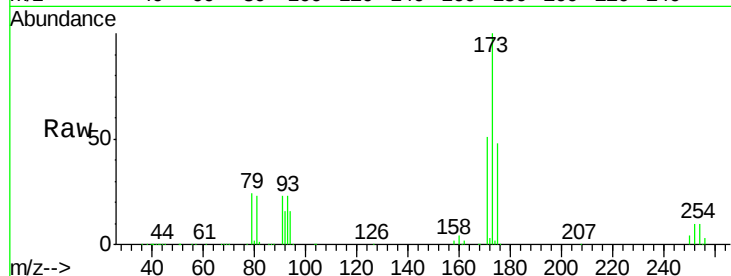
Tgt Ion:173 Resp: 163118

Ion Ratio Lower Upper

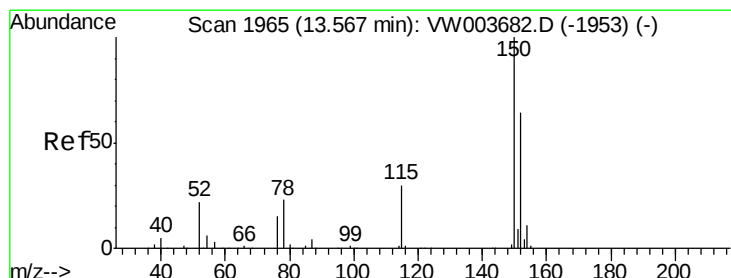
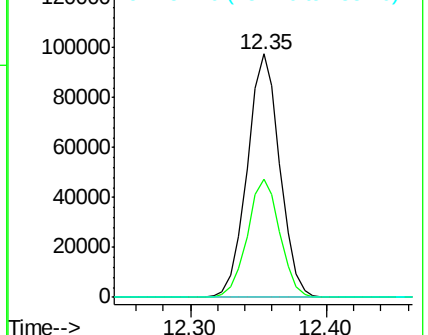
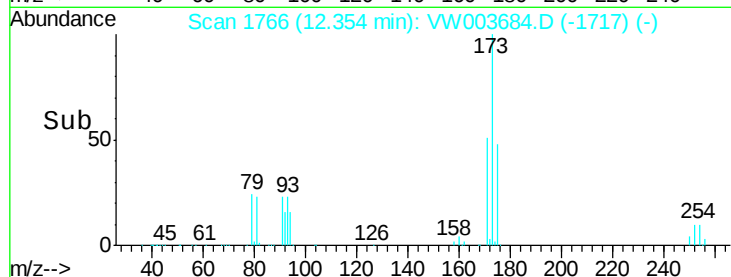
173 100

175 48.4 24.5 73.5

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

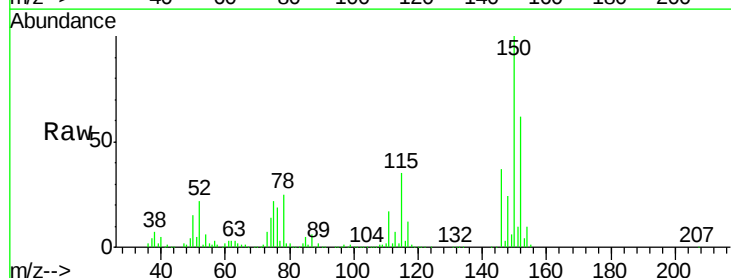
Tgt Ion:152 Resp: 188868

Ion Ratio Lower Upper

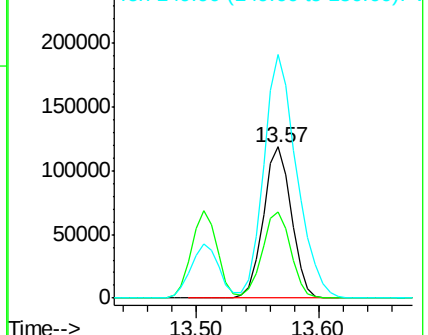
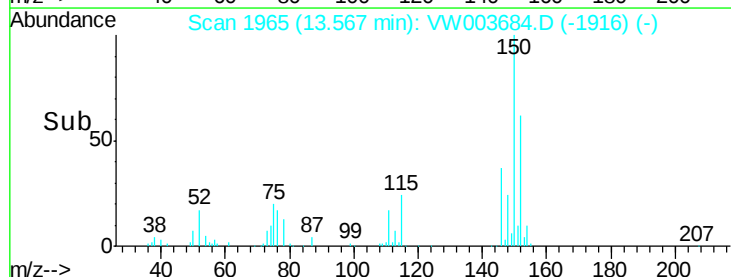
152 100

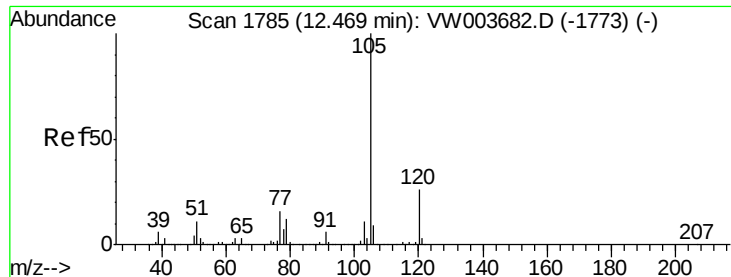
115 57.9 29.3 88.0

150 189.7 0.0 352.0



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





#73

Isopropylbenzene

Concen: 107.771 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

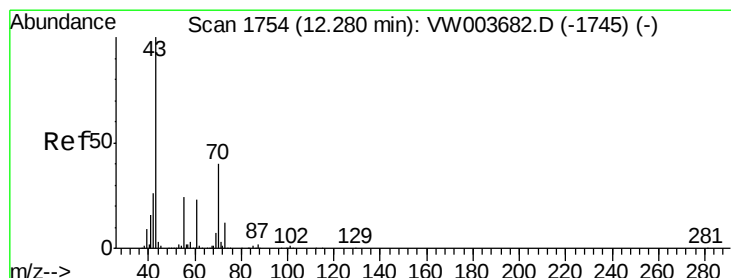
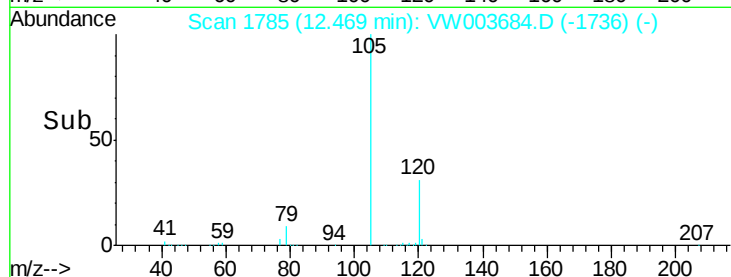
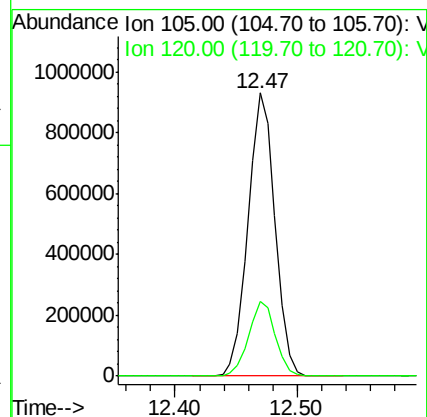
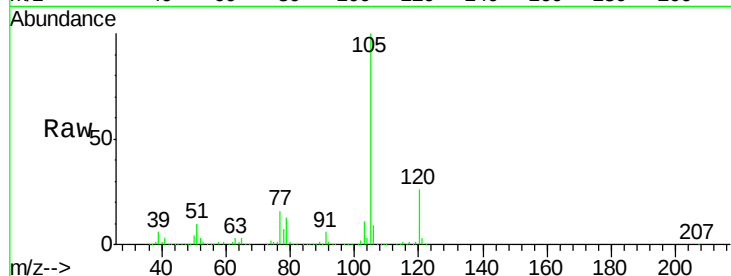
VSTDIC100

Tgt Ion:105 Resp: 1421409

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 127.702 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Tgt Ion: 43 Resp: 392365

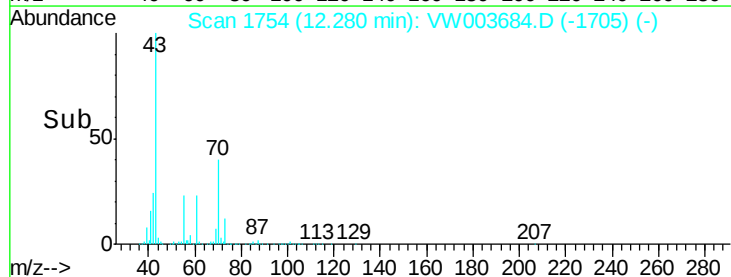
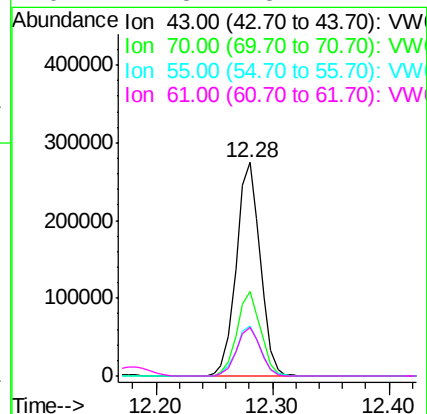
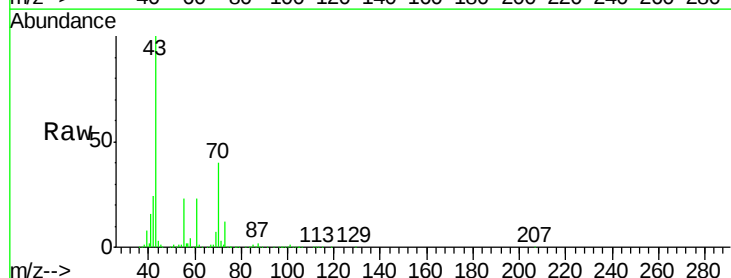
Ion Ratio Lower Upper

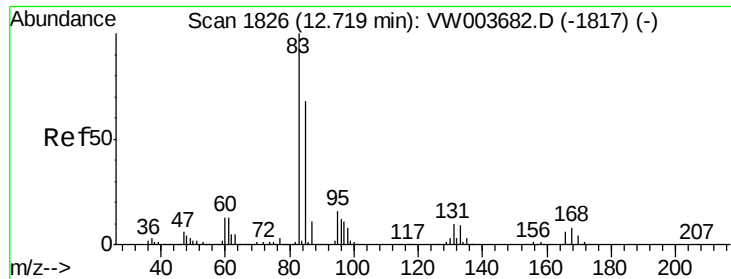
43 100

70 39.2 31.3 46.9

55 24.0 20.1 30.1

61 22.8 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 116.677 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

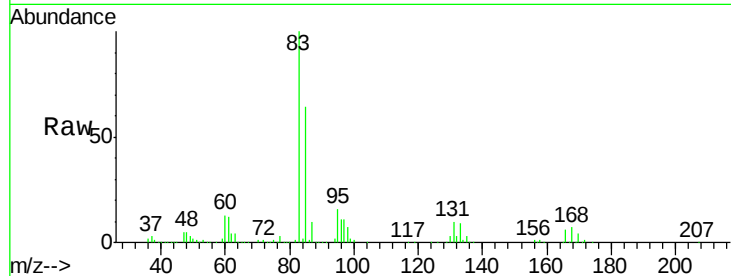
Tgt Ion: 83 Resp: 265682

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

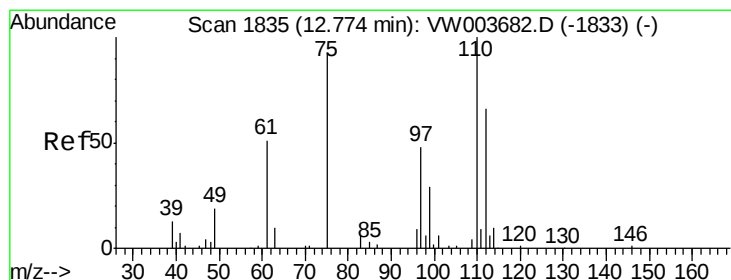
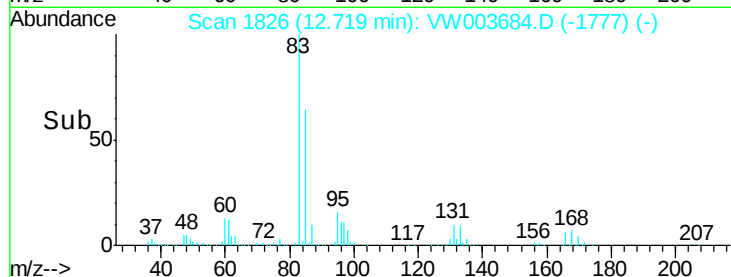
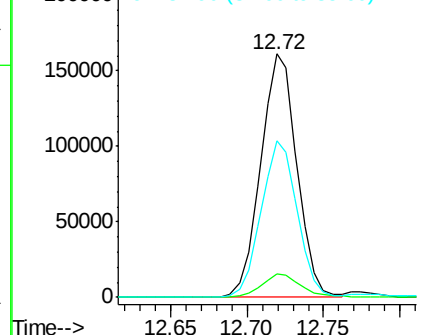
85 64.0 31.9 95.9



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: 223.530 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003684.D

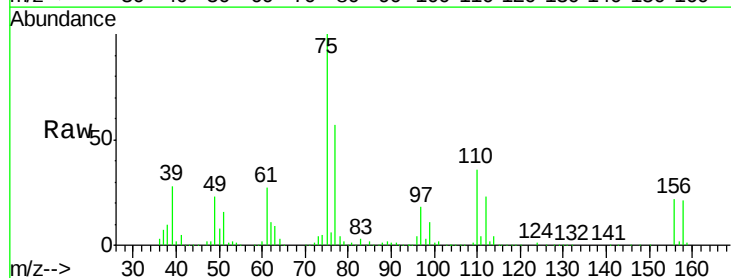
Acq: 02 Jul 2018 18:42

Tgt Ion: 75 Resp: 365670

Ion Ratio Lower Upper

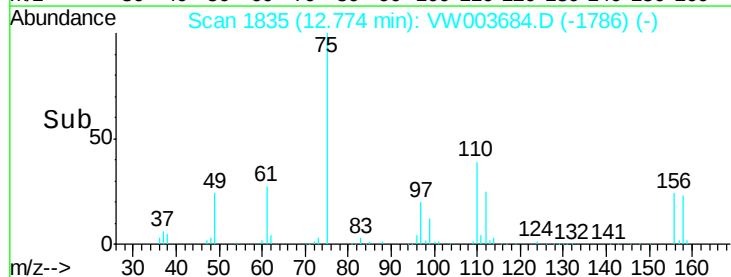
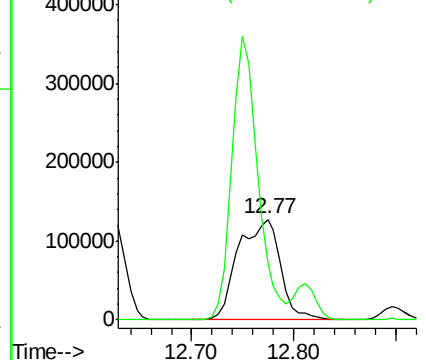
75 100

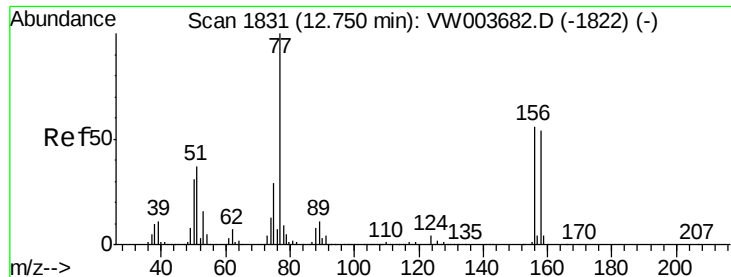
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 106.795 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

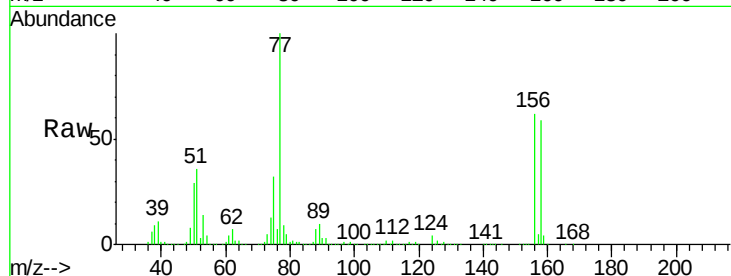
Tgt Ion:156 Resp: 329464

Ion Ratio Lower Upper

156 100

77 193.0 95.8 287.4

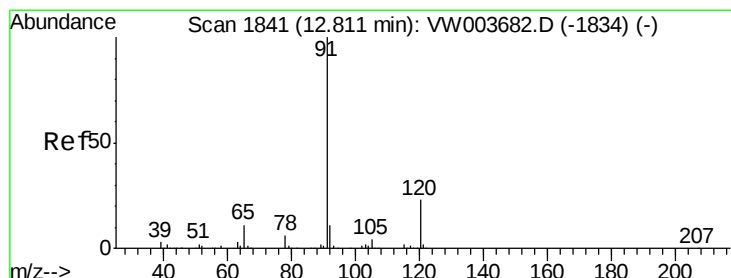
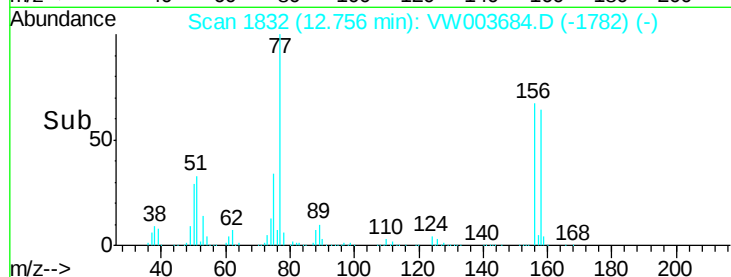
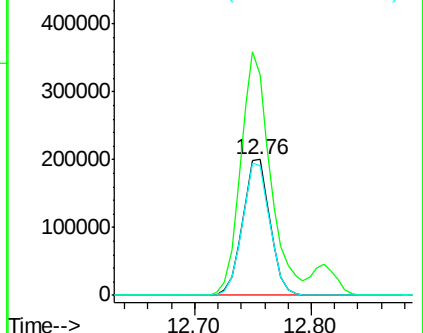
158 97.0 48.2 144.6



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: 107.035 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003684.D

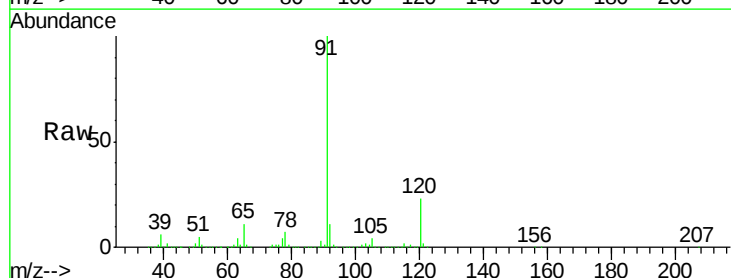
Acq: 02 Jul 2018 18:42

Tgt Ion: 91 Resp: 1733564

Ion Ratio Lower Upper

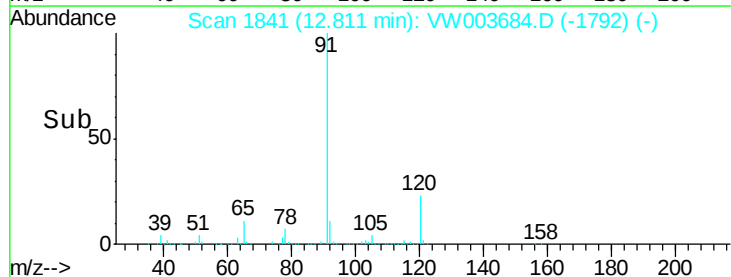
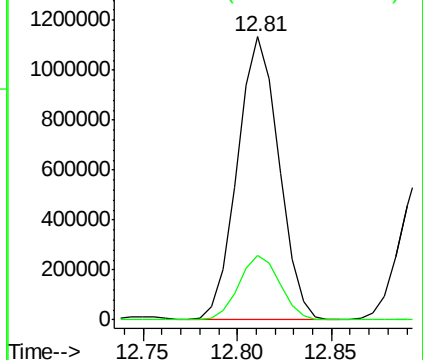
91 100

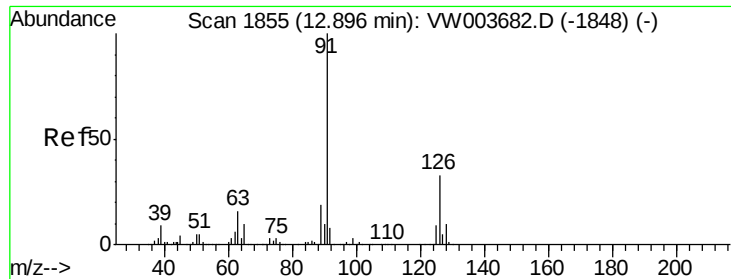
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

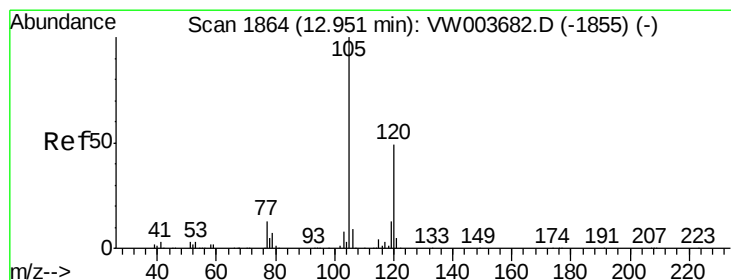
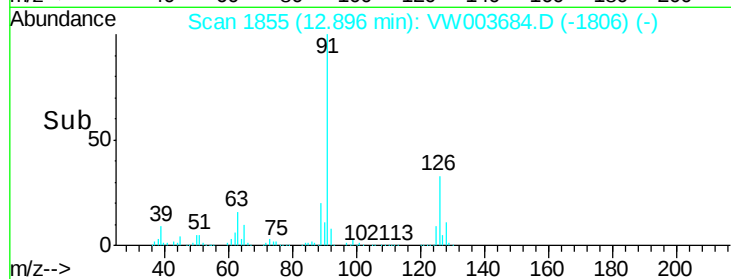
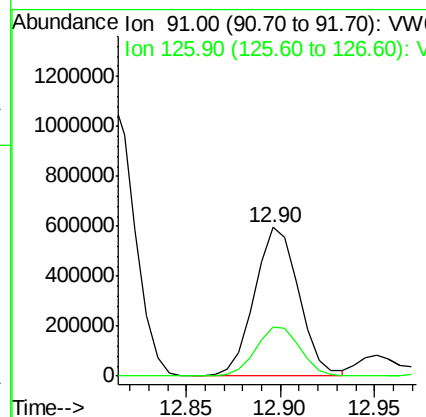
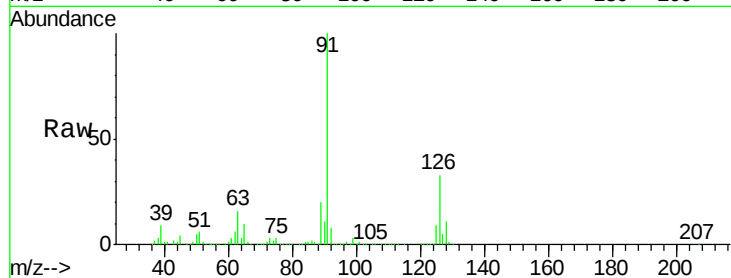




#79
 2-Chlorotoluene
 Concen: 106.304 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

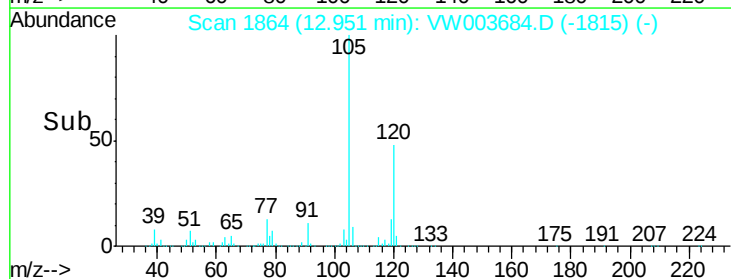
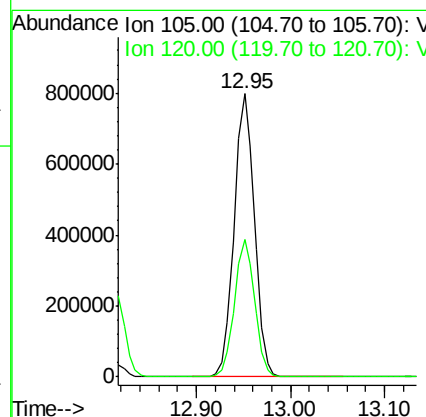
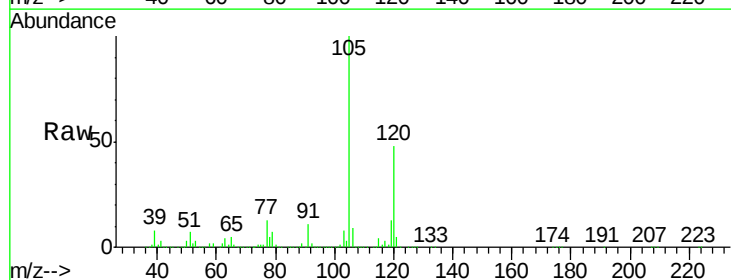
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

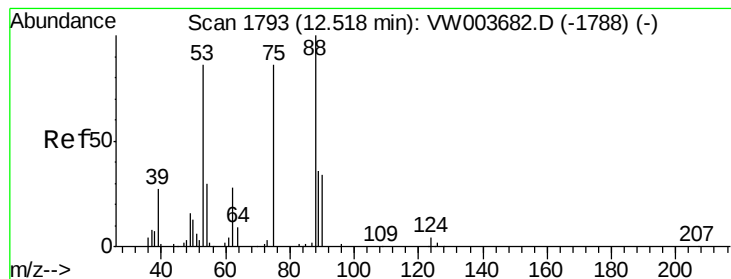
Tgt Ion: 91 Resp: 973007
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 107.384 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion: 105 Resp: 1189917
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 127.477 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

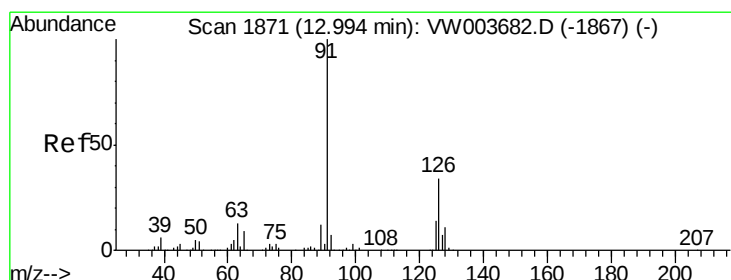
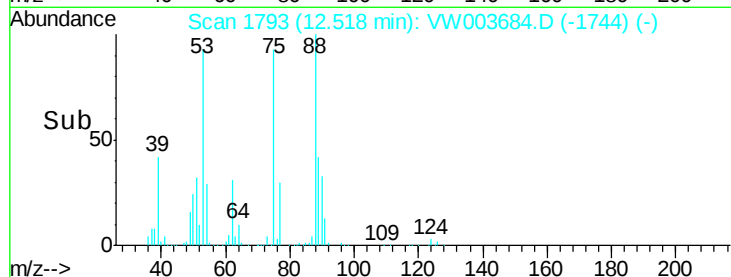
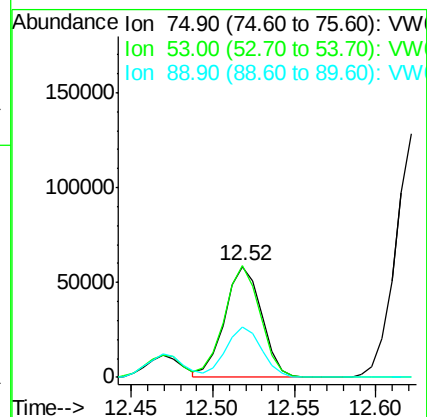
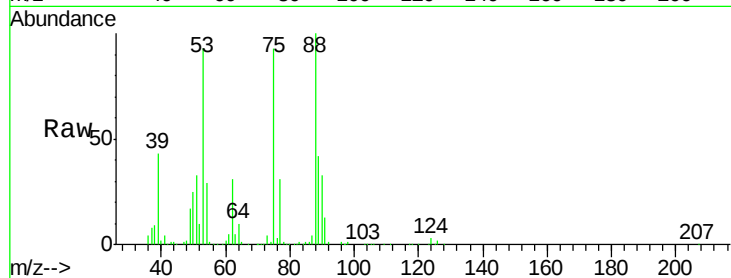
Tgt Ion: 75 Resp: 91793

Ion Ratio Lower Upper

75 100

53 97.6 82.4 123.6

89 44.2 35.9 53.9



#82

4-Chlorotoluene

Concen: 104.848 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003684.D

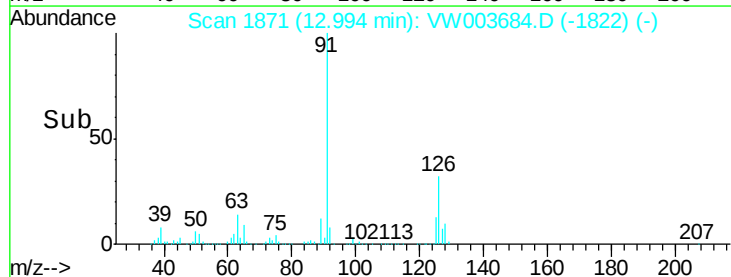
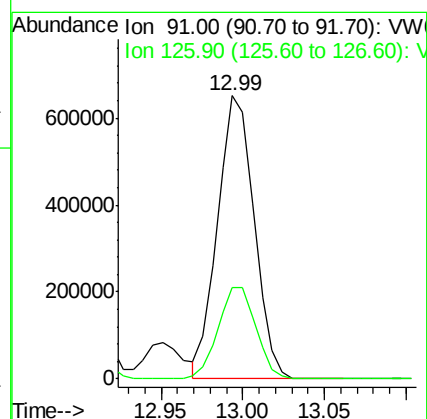
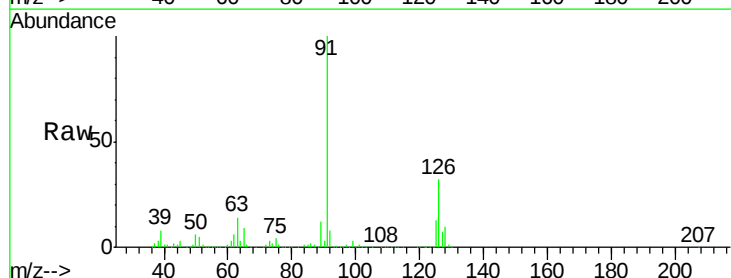
Acq: 02 Jul 2018 18:42

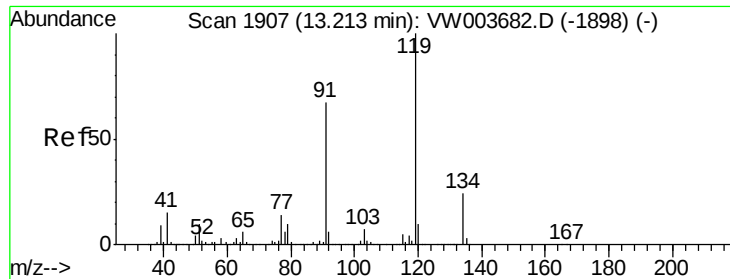
Tgt Ion: 91 Resp: 1017528

Ion Ratio Lower Upper

91 100

126 33.6 17.0 50.9

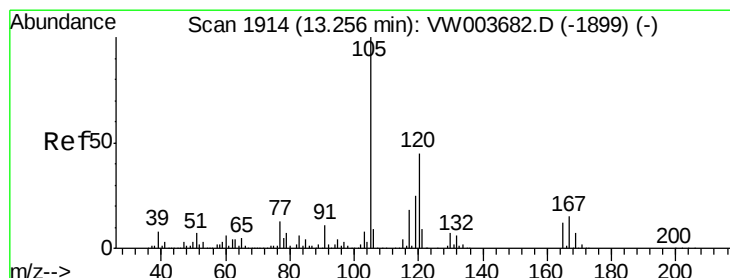
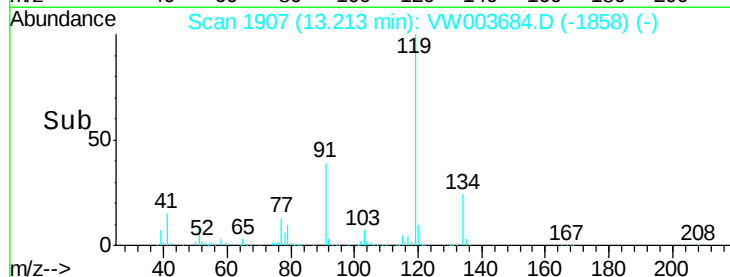
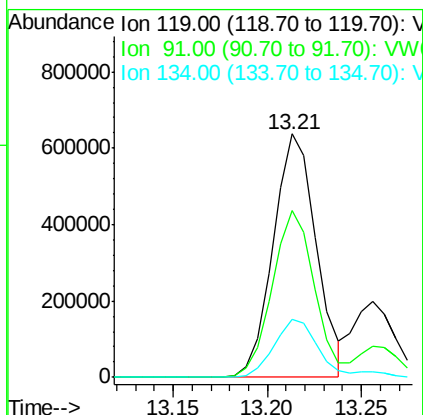
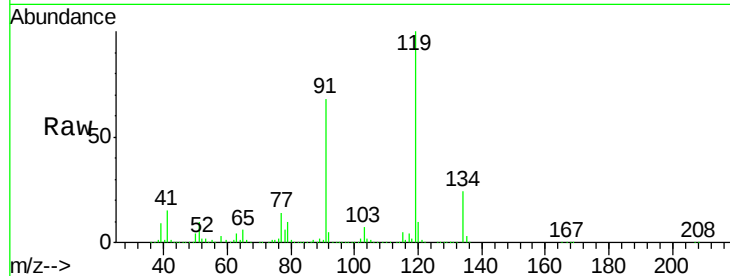




#83
 tert-Butylbenzene
 Concen: 106.904 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

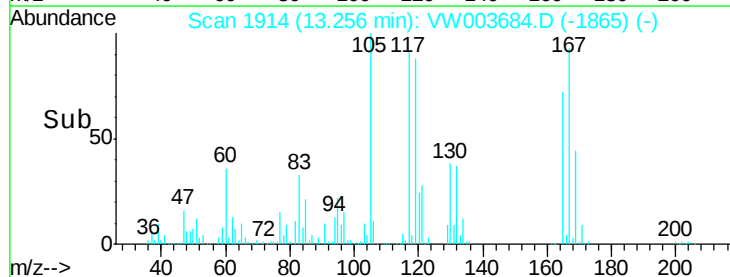
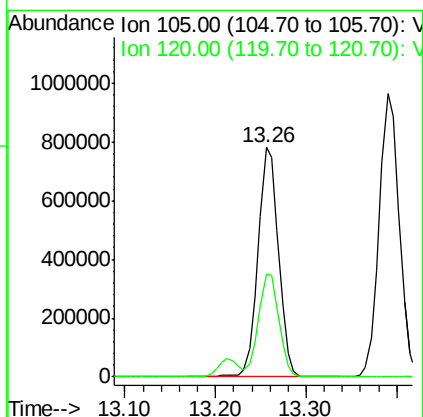
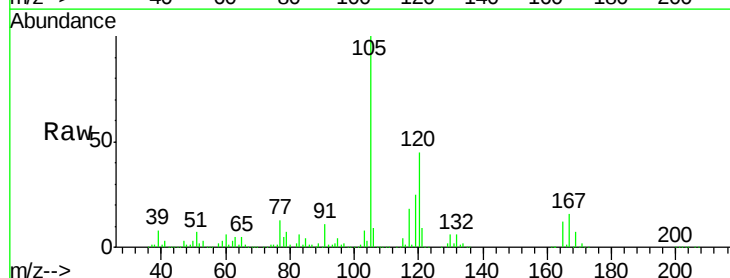
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

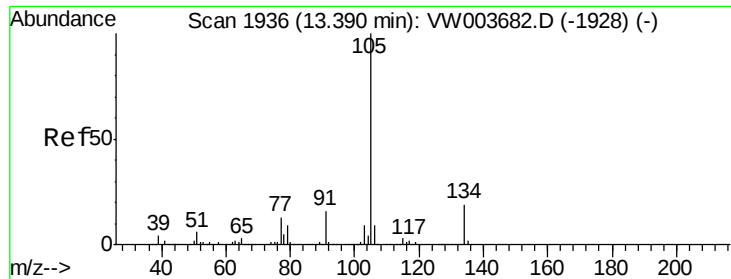
Tgt Ion:119 Resp: 1008483
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.8 101.3
 134 25.8 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 106.432 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion:105 Resp: 1215930
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

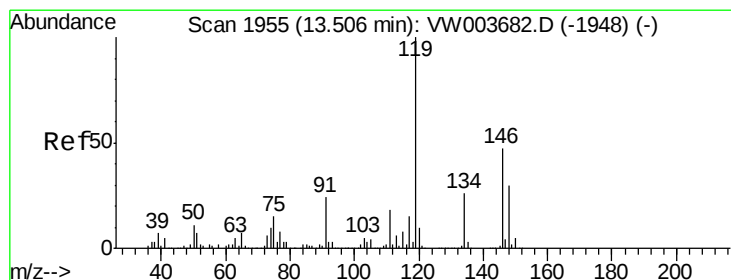
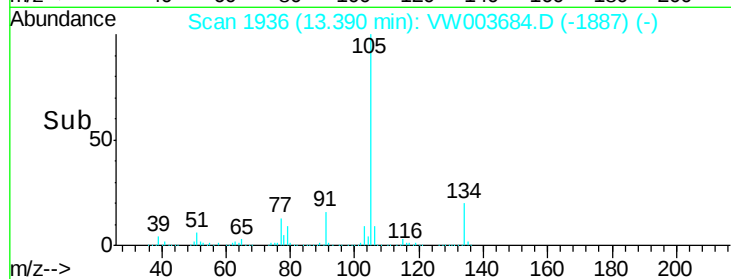
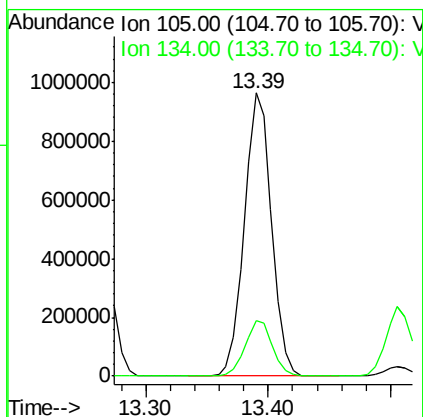
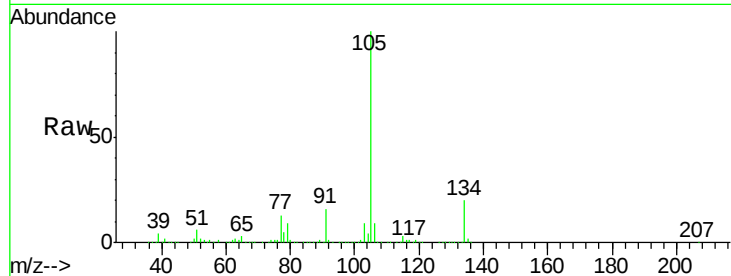




#85
 sec-Butylbenzene
 Concen: 105.300 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

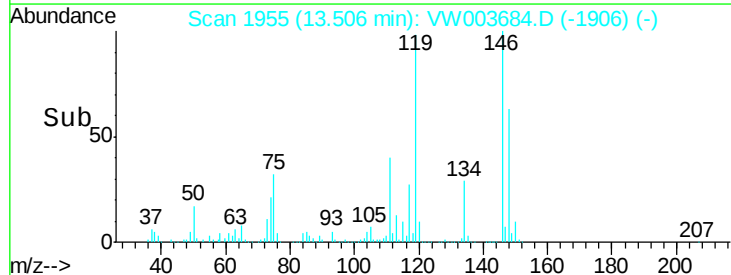
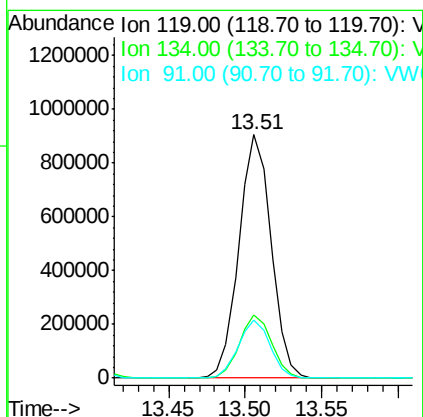
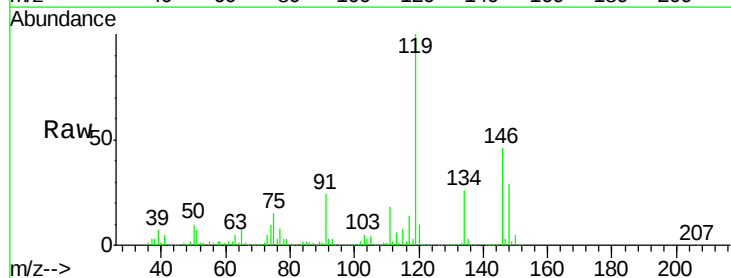
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

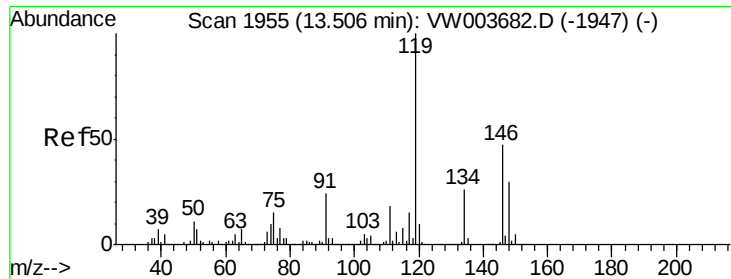
Tgt Ion:105 Resp: 1477828
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 106.788 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion:119 Resp: 1318893
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.5 11.8 35.4

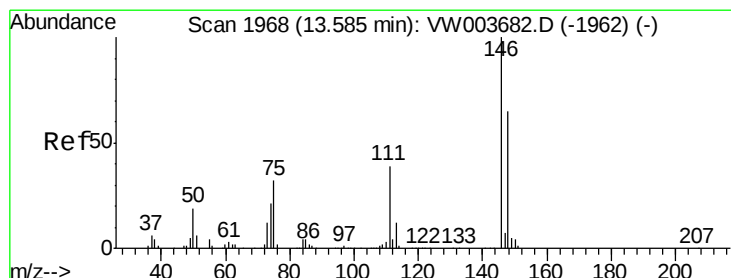
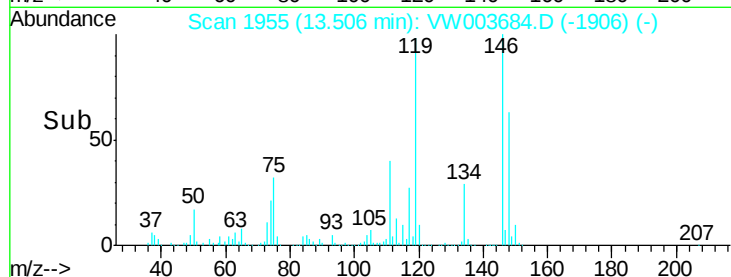
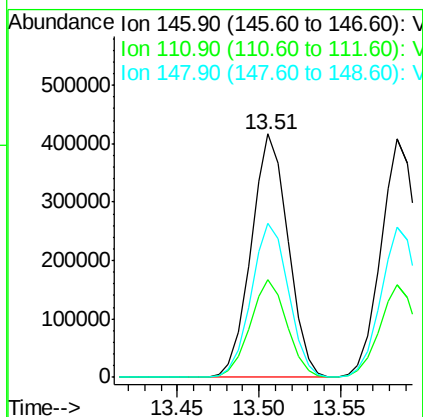
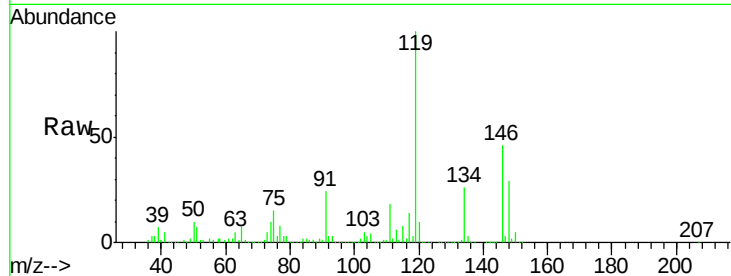




#87
 1,3-Dichlorobenzene
 Concen: 103.643 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

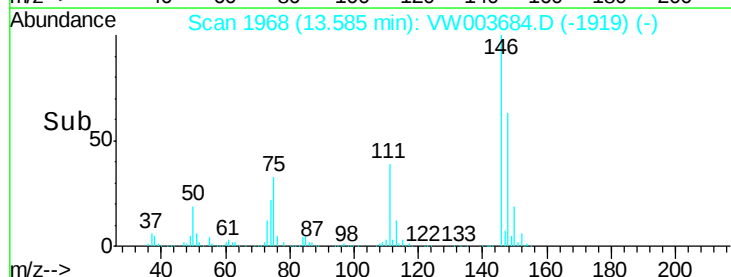
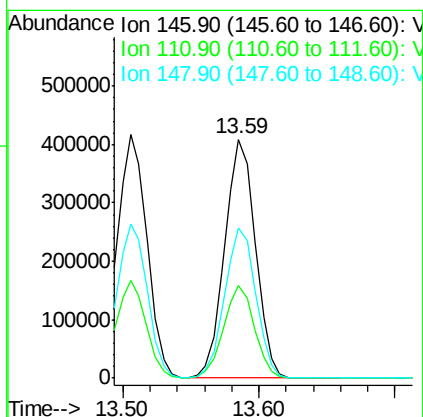
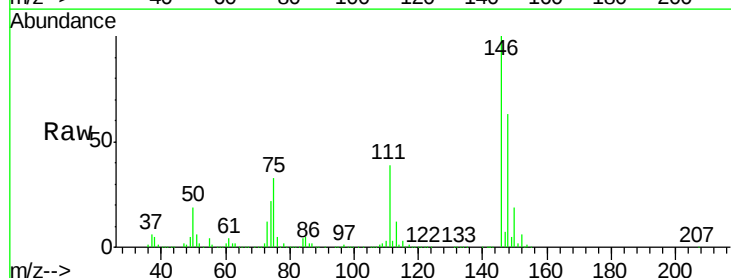
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

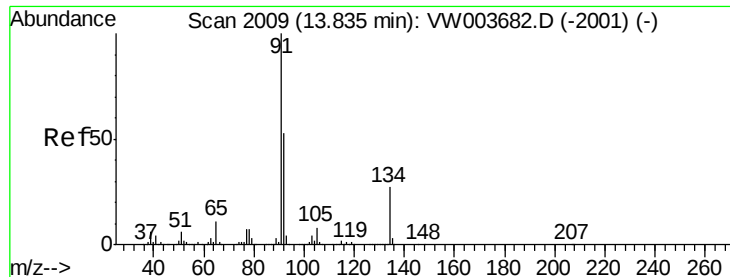
Tgt Ion:146 Resp: 654730
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.7
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 102.273 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion:146 Resp: 642695
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 63.7 32.3 96.9





#89

n-Butylbenzene

Concen: 107.066 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.01 min

Lab File: VW003684.D

Acq: 02 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampled :

VSTDICC100

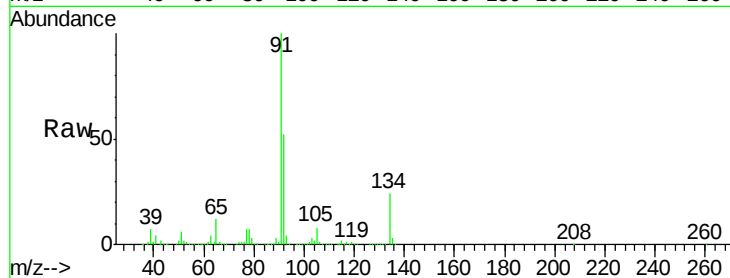
Tgt Ion: 91 Resp: 1291781

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

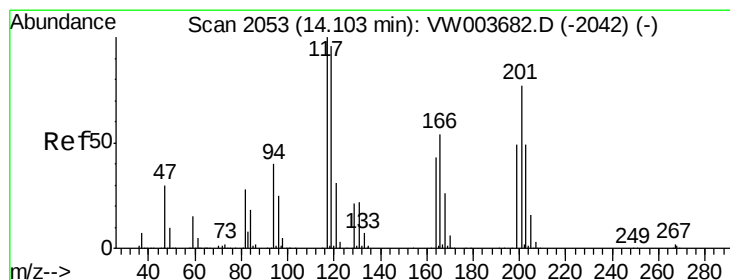
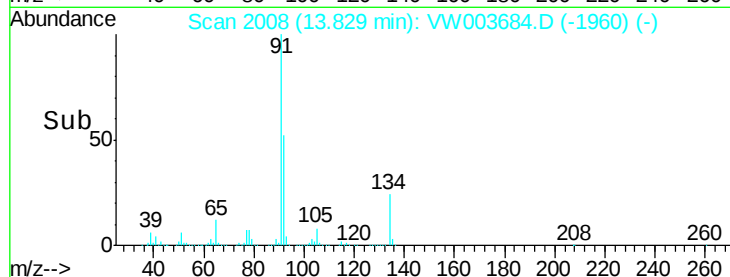
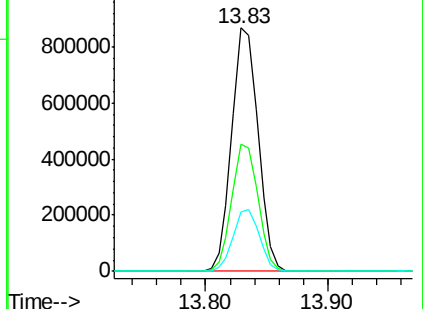
134 25.2 12.7 38.1



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: 105.724 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003684.D

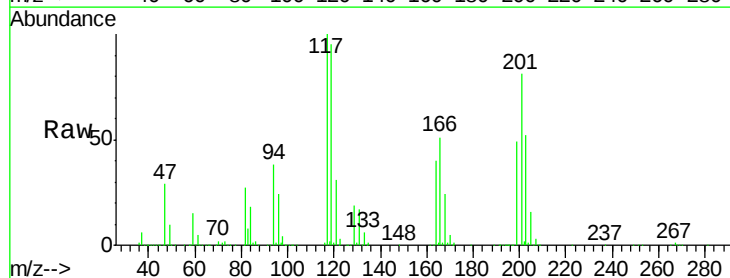
Acq: 02 Jul 2018 18:42

Tgt Ion: 117 Resp: 236556

Ion Ratio Lower Upper

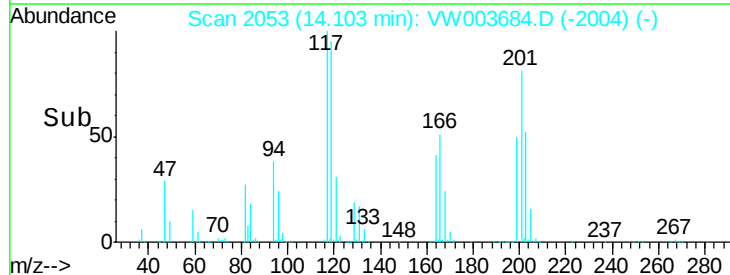
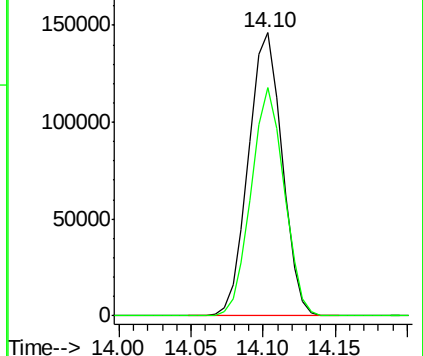
117 100

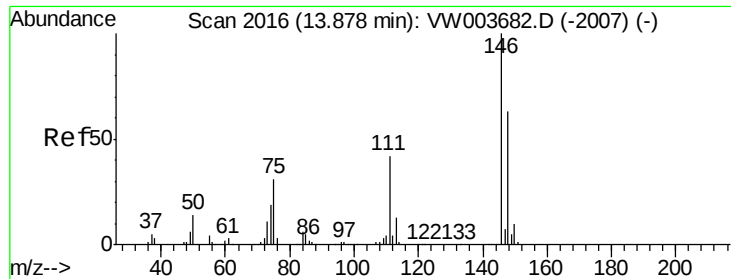
201 79.1 39.1 117.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

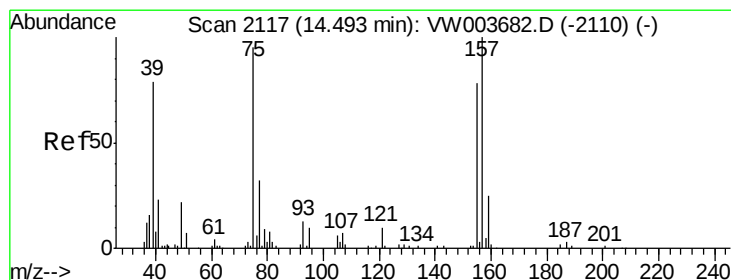
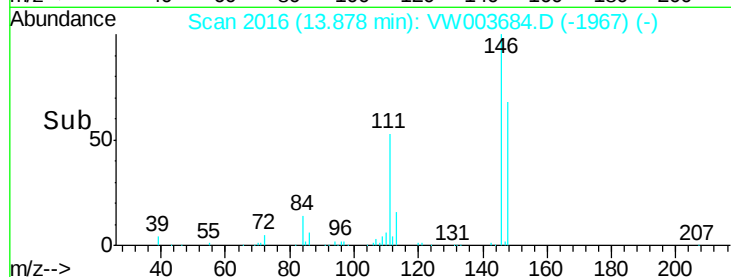
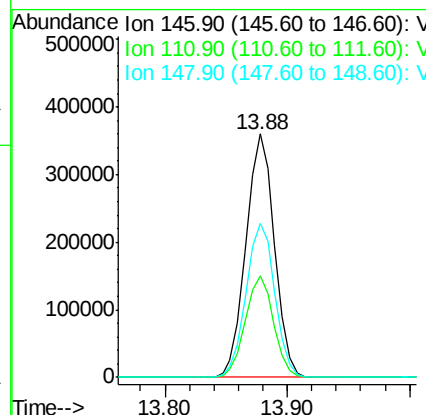
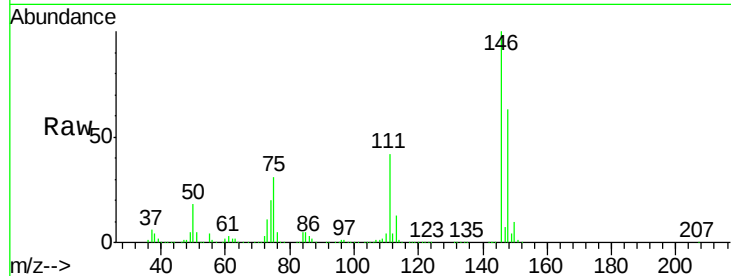




#91
 1,2-Dichlorobenzene
 Concen: 104.944 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

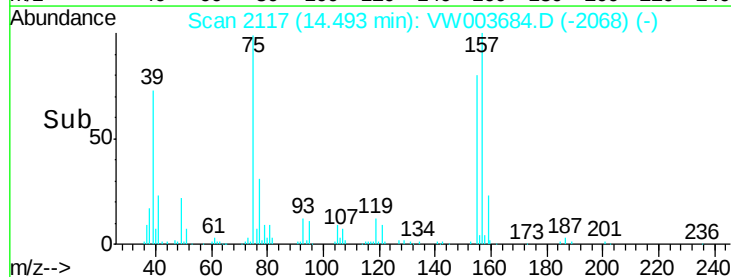
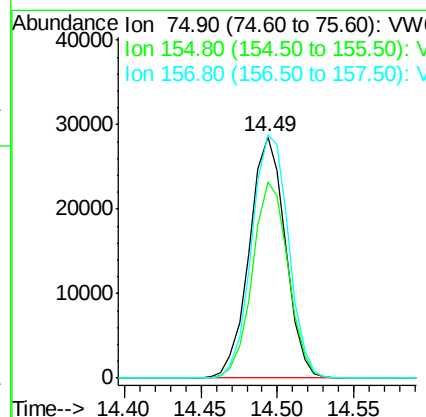
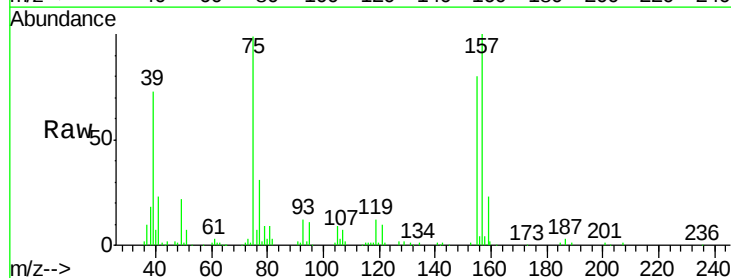
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

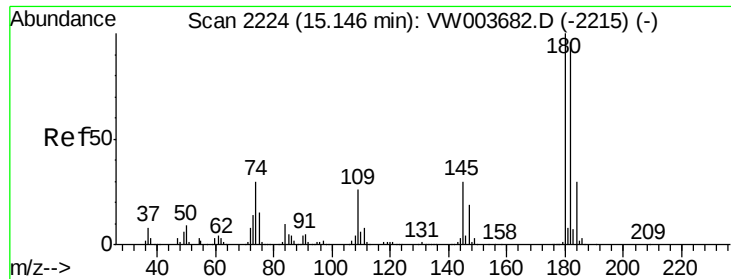
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	63.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 121.953 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	40.2	120.6
157	103.0	50.7	152.3

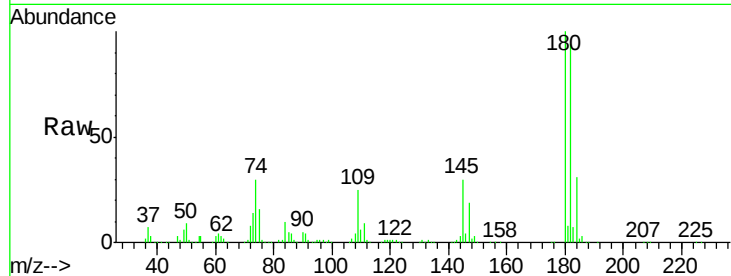




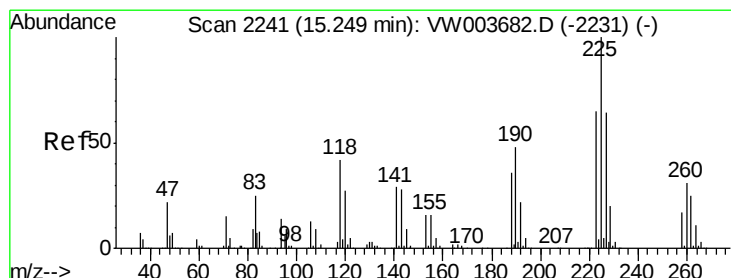
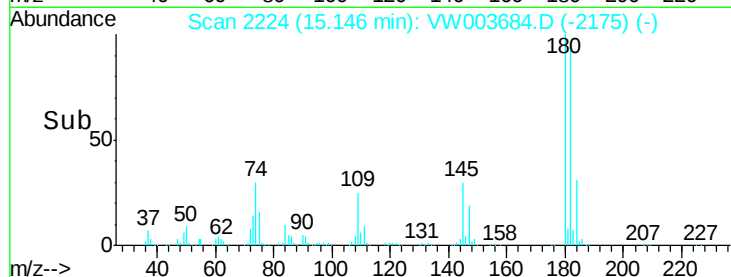
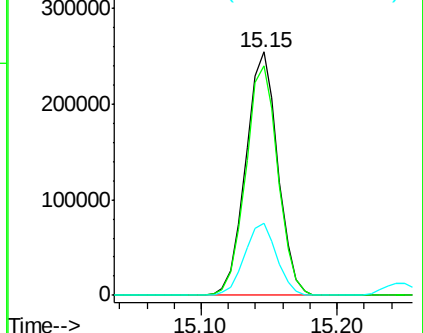
#93
 1,2,4-Trichlorobenzene
 Concen: 107.714 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 419532
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.8
 145 29.8 14.9 44.5

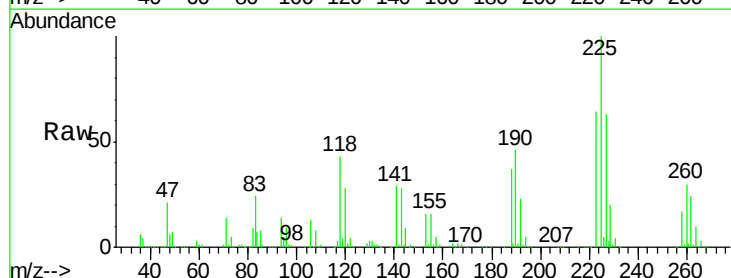


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

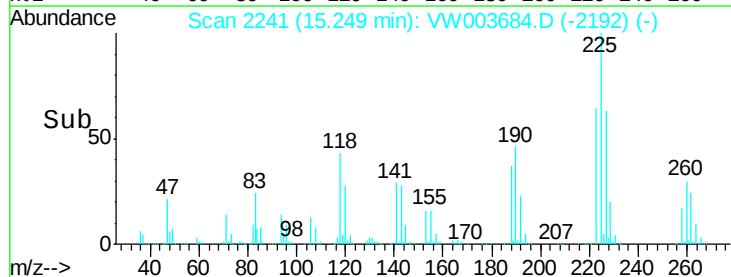
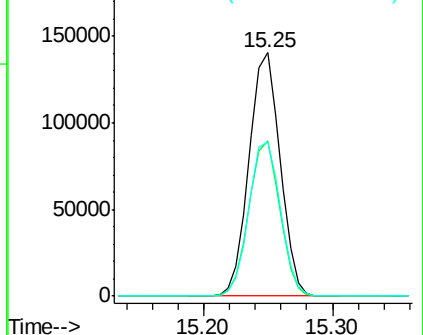


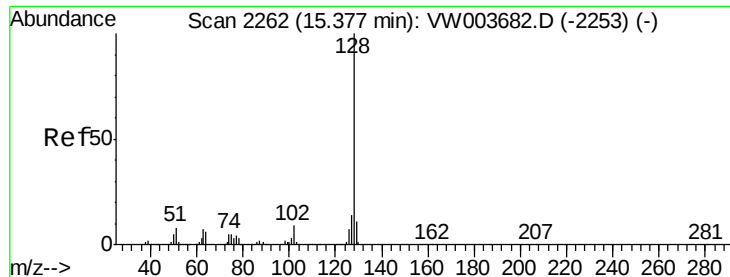
#94
 Hexachlorobutadiene
 Concen: 100.740 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003684.D
 Acq: 02 Jul 2018 18:42

Tgt Ion:225 Resp: 234160
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.0 96.2
 227 64.4 31.9 95.7



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

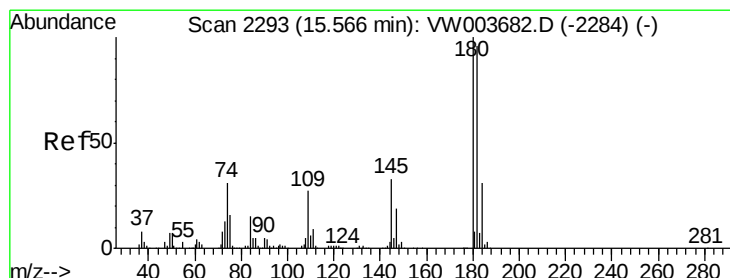
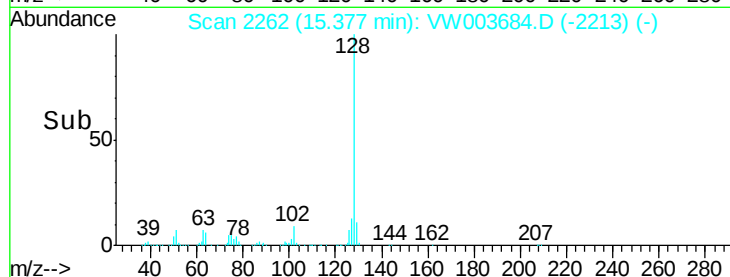
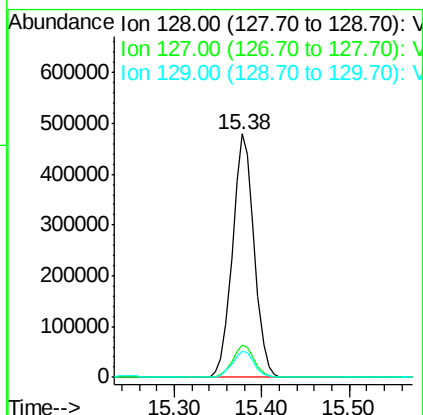
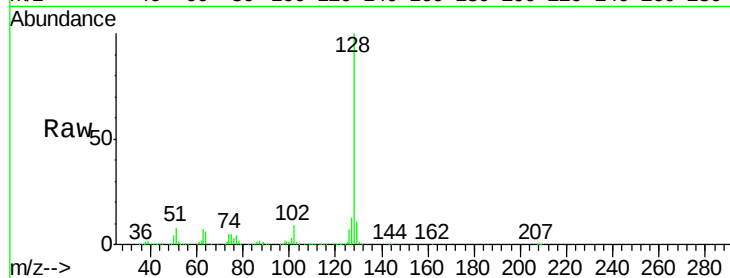




#95
Naphthalene
Concen: 123.291 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 824530
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 108.215 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003684.D
Acq: 02 Jul 2018 18:42

Tgt Ion:180 Resp: 371774
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 31.9 15.9 47.7

