

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014627.D
 Acq On : 14 Jan 2020 11:29
 Operator : SY/VA
 Sample : L1109-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 15 01:50:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1147170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1013836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	497829	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	368306	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.88	69	307339	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
10) 1,1-Dichloroethene-d2	4.02	63	722210	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.64%
20) 2-Butanone-d5	7.07	46	227552	59.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.26%
24) Chloroform-d	7.64	84	691535	26.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	8.30	65	371891	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.60%
29) Benzene-d6	8.27	84	1531235	28.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.60%
33) 1,2-Dichloropropane-d6	9.27	67	463647	28.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.40%
37) Toluene-d8	10.32	98	1389260	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.68%
38) trans-1,3-Dichloropropene-	10.57	79	189922	28.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.48%
39) 2-Hexanone-d5	10.92	63	180906	65.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	358530	29.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	465499	28.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	245298	21.143	ug/L	99
6) Bromomethane	2.77	94	97250	10.089	ug/L	100
9) Trichlorofluoromethane	3.25	101	128662	14.735	ug/L	99
12) 1,1-Dichloroethene	4.03	96	343364	23.392	ug/L #	83
13) Acetone	4.11	43	348151	65.345	ug/L	96
15) Methyl Acetate	4.66	43	308837	42.957	ug/L	100
16) Methylene chloride	4.92	84	182050	9.732	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	657248	34.787	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	171498	11.091	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	437700	26.893	ug/L	96
23) Bromochloromethane	7.51	128	113363	16.090	ug/L	97
27) 1,2-Dichloroethane	8.40	62	179307	10.332	ug/L	98
30) Cyclohexane	7.95	56	280805	10.828	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	224264	10.784	ug/L	99
32) Carbon tetrachloride	8.07	117	256570	13.241	ug/L	99
35) Trichloroethene	9.09	95	676997	42.994	ug/L	99
36) Methylcyclohexane	9.33	83	775684	28.079	ug/L	97

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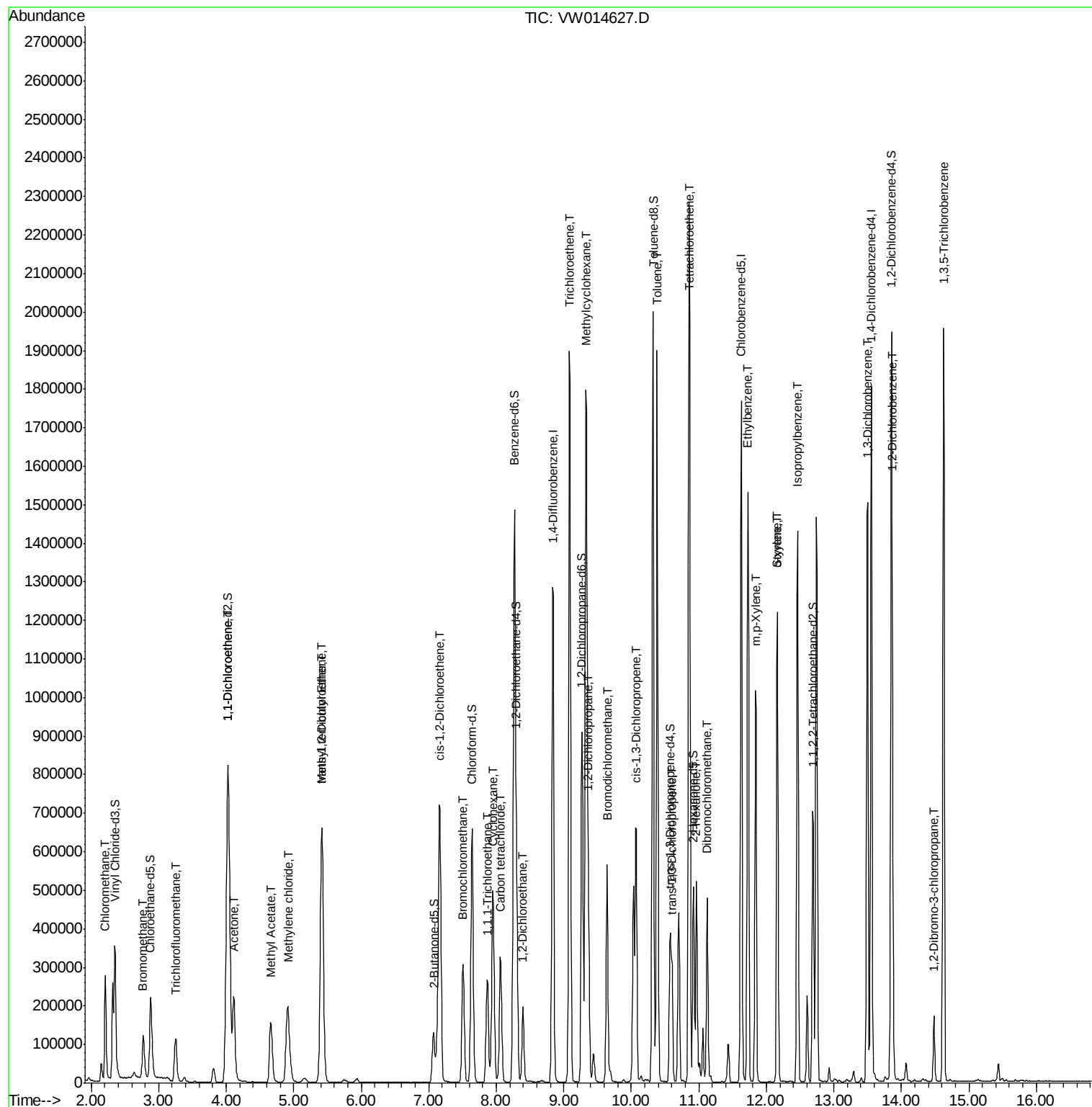
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	209459	13.564	ug/L	100
41) Bromodichloromethane	9.64	83	388880	20.936	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	417215	18.087	ug/L	97
44) Toluene	10.38	91	1392109	21.834	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	167109	9.060	ug/L	96
47) Tetrachloroethene	10.86	164	558233	42.221	ug/L	98
49) 2-Hexanone	10.96	43	311358	45.995	ug/L	95
50) Dibromochloromethane	11.13	129	262356	21.124	ug/L	97
53) Ethylbenzene	11.72	91	1133158	16.164	ug/L	98
54) m,p-Xylene	11.84	106	285972	10.780	ug/L	99
55) o-xylene	12.16	106	331687	13.237	ug/L	99
56) Styrene	12.16	104	18861	0.447	ug/L #	1
57) Isopropylbenzene	12.46	105	911588	13.677	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	655763	20.806	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	310577	10.992	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	43771	20.920	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	644598	27.609	ug/L	100

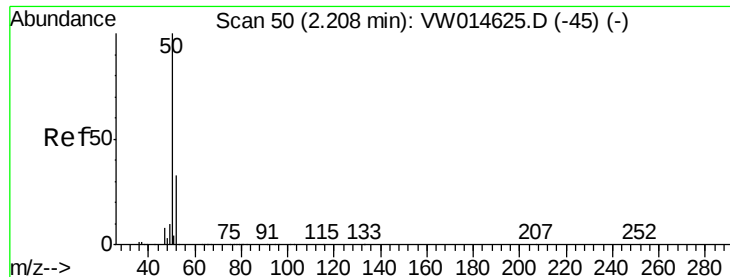
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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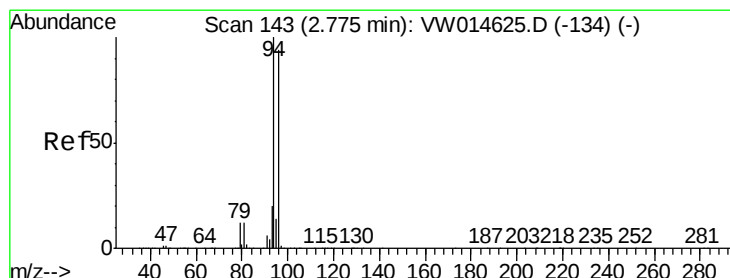
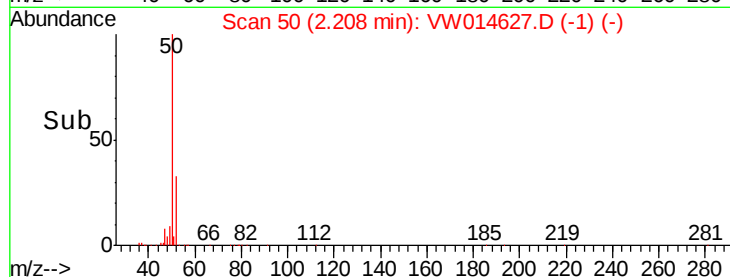
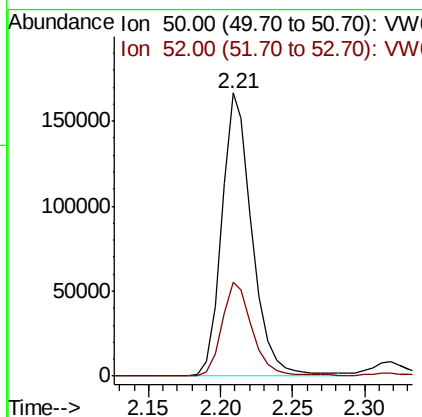
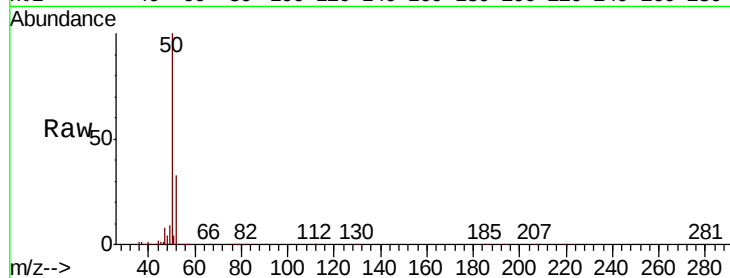




#3
Chloromethane
Concen: 21.143 ug/L
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

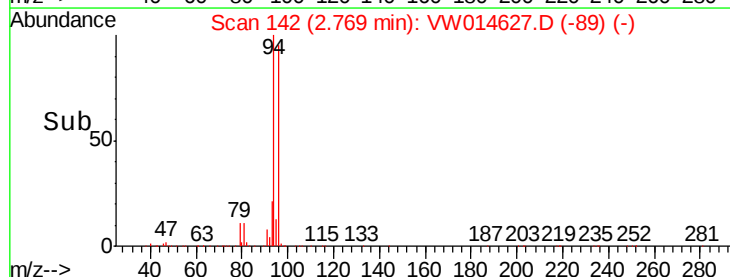
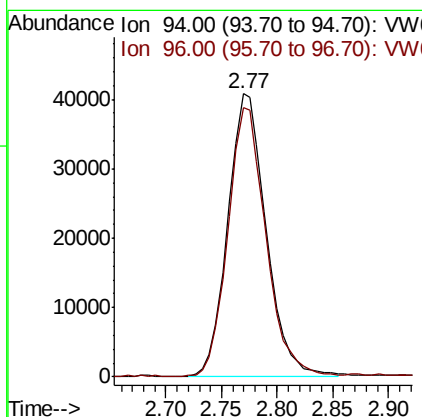
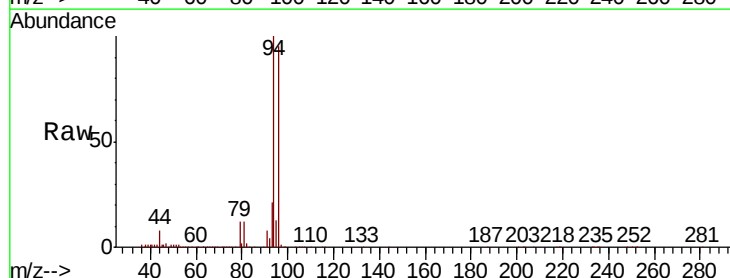
Instrument :
MSVOA_W
ClientSampleId :

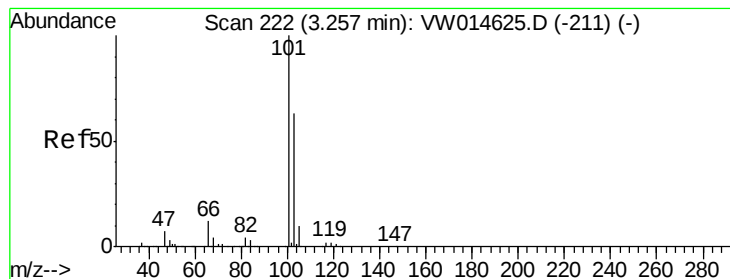
Tot Ion: 50 Resp: 245298
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8



#6
Bromomethane
Concen: 10.089 ug/L
RT: 2.77 min Scan# 142
Delta R.T. -0.01 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

Tgt Ion: 94 Resp: 97250
Ion Ratio Lower Upper
94 100
96 94.4 9.4 178.8



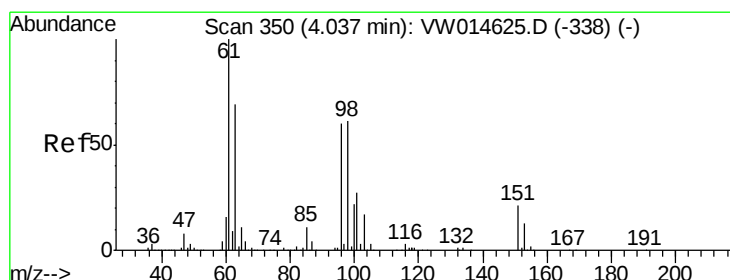
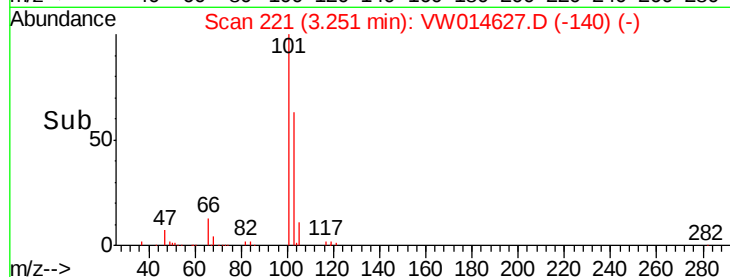
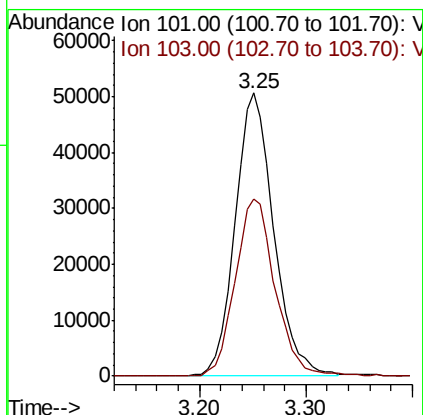
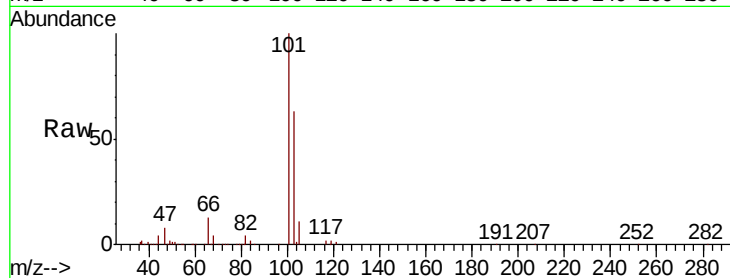


#9

Trichlorofluoromethane
 Concen: 14.735 ug/L
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW014627.D
 Acq: 14 Jan 2020 11:29

Instrument :
 MSVOA_W
 ClientSampled :

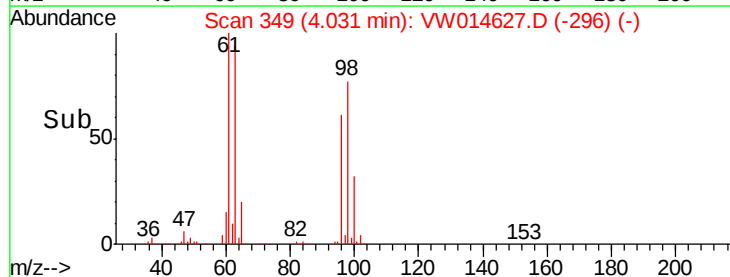
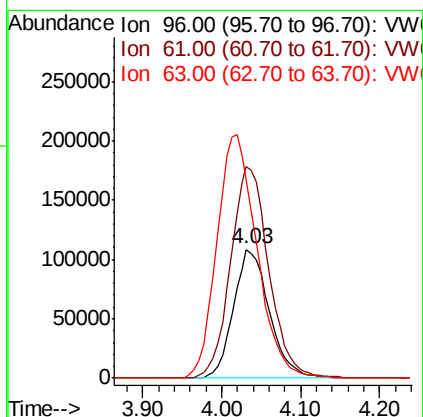
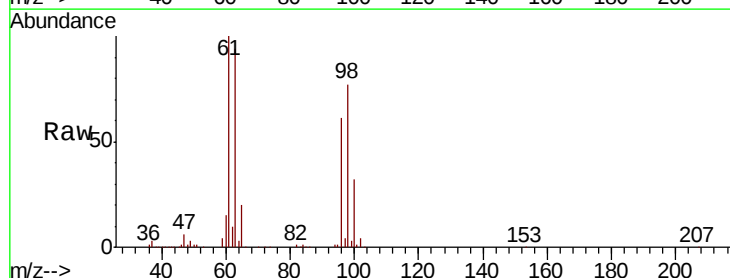
Tot Ion	101	Resp	128662
Ion Ratio	Lower	Upper	
101	100		
103	64.1	45.5	84.5

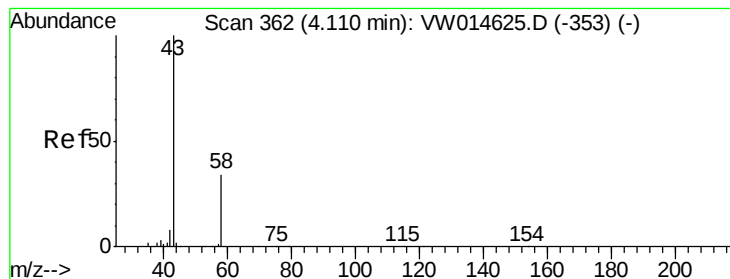


#12

1,1-Dichloroethene
 Concen: 23.392 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW014627.D
 Acq: 14 Jan 2020 11:29

Tgt Ion	96	Resp	343364
Ion Ratio	Lower	Upper	
96	100		
61	164.7	114.2	212.0
63	154.6	78.6	146.0#





#13

Acetone

Concen: 65.345 ug/L

RT: 4.11 min Scan# 362

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

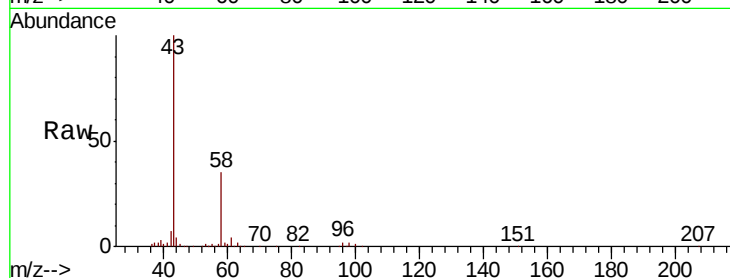
ClientSampled :

Tot Ion: 43 Resp: 348151

Ion Ratio Lower Upper

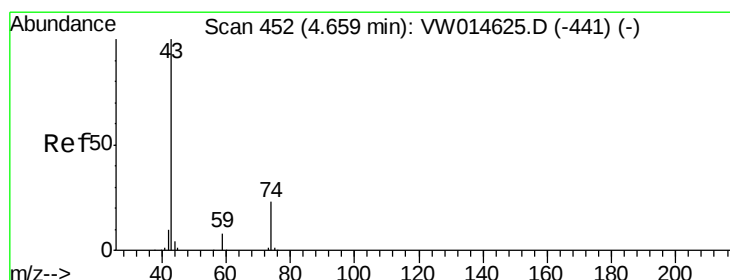
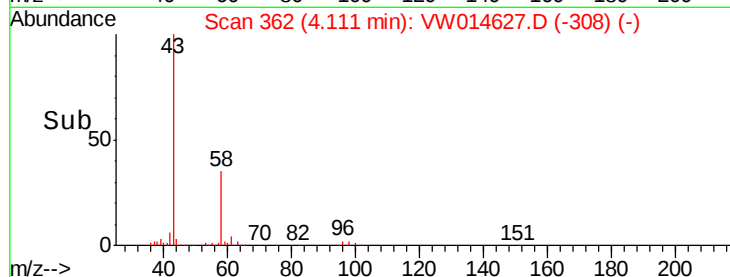
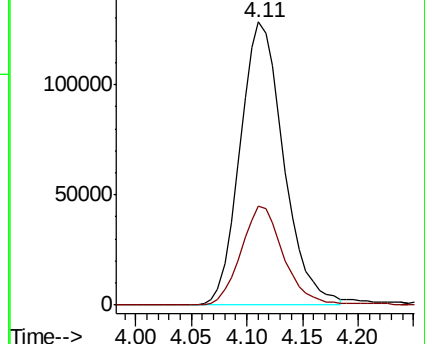
43 100

58 34.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 42.957 ug/L

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014627.D

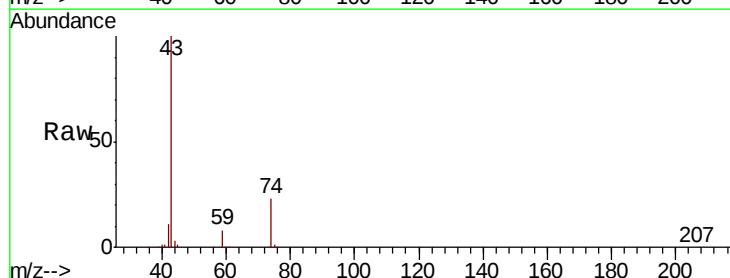
Acq: 14 Jan 2020 11:29

Tgt Ion: 43 Resp: 308837

Ion Ratio Lower Upper

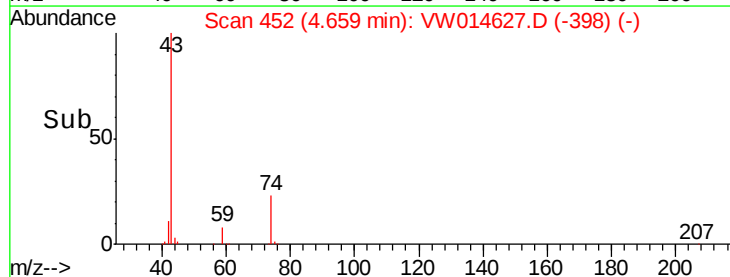
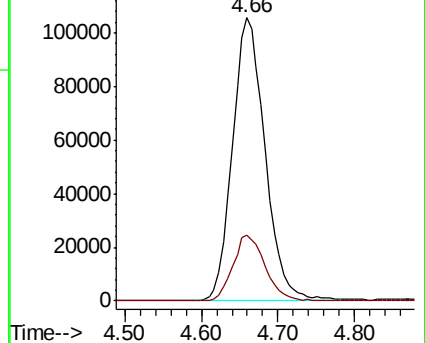
43 100

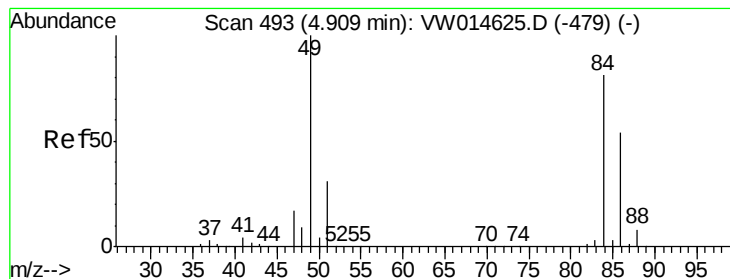
74 23.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#16

Methylene chloride

Concen: 9.732 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

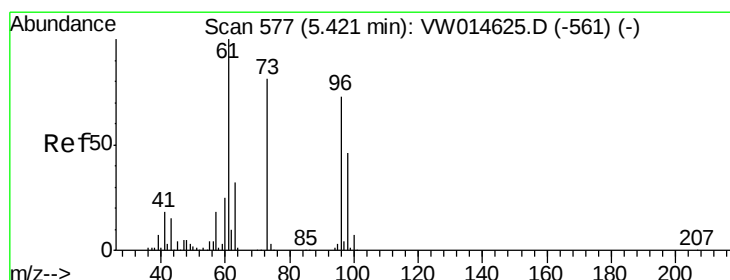
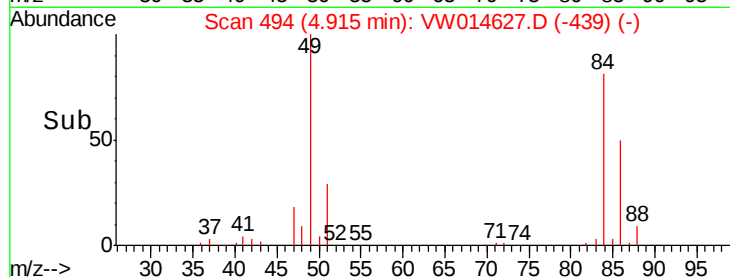
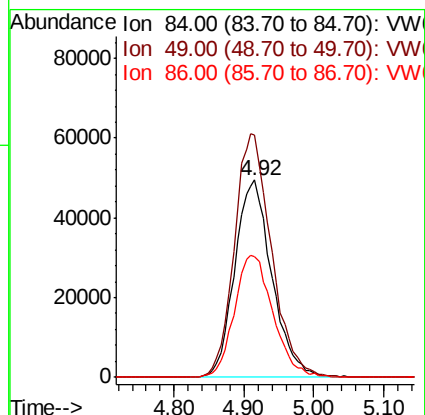
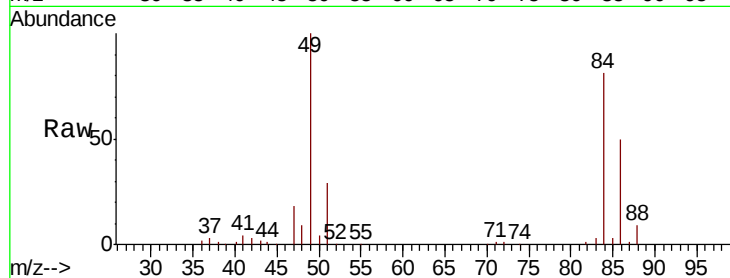
Tot Ion: 84 Resp: 182050

Ion Ratio Lower Upper

84 100

49 122.7 85.8 159.4

86 61.5 44.5 82.7



#17

Methyl tert-butyl Ether

Concen: 34.787 ug/L

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

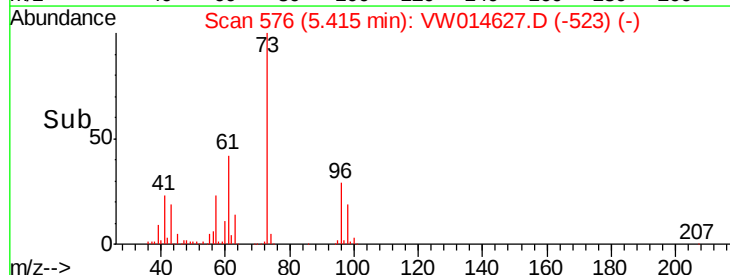
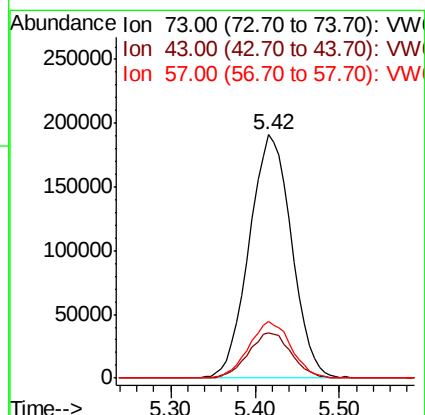
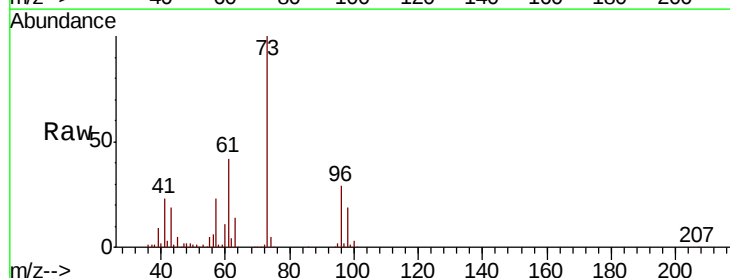
Tgt Ion: 73 Resp: 657248

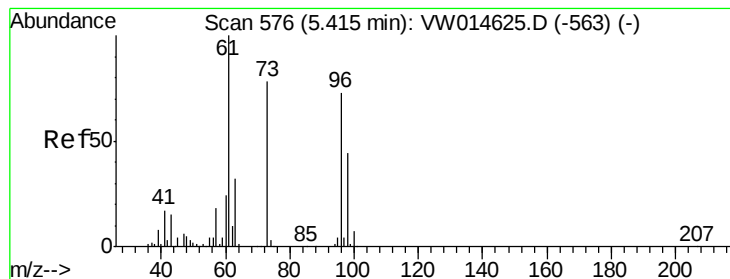
Ion Ratio Lower Upper

73 100

43 18.8 15.7 23.5

57 23.1 18.3 27.5





#18

trans-1,2-Dichloroethene

Concen: 11.091 ug/L

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

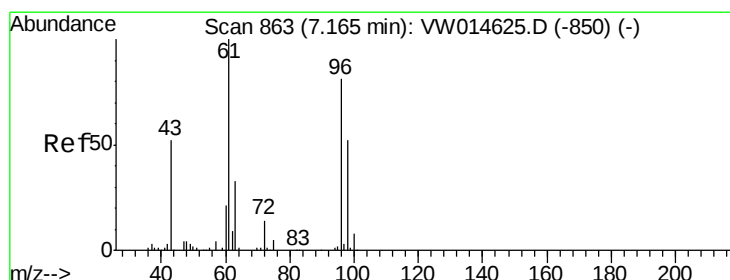
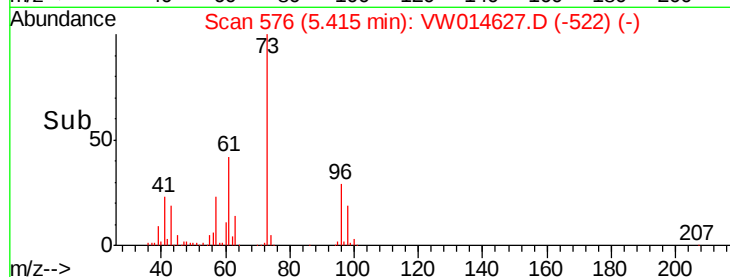
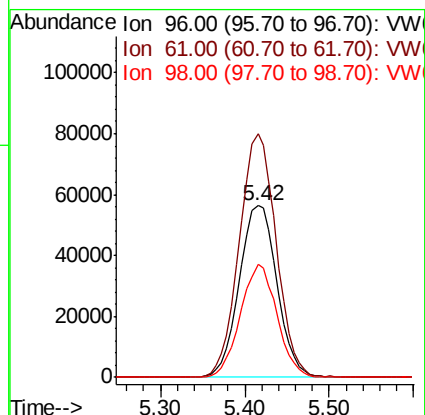
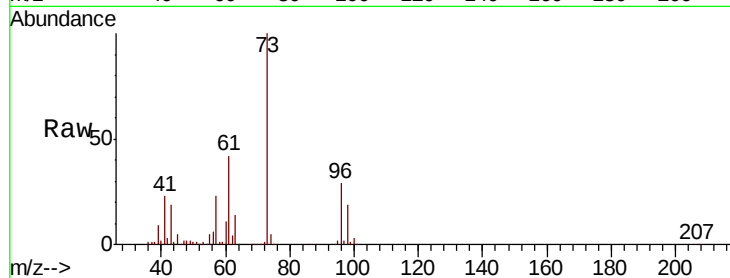
Tot Ion: 96 Resp: 171498

Ion Ratio Lower Upper

96 100

61 141.9 98.2 182.4

98 65.6 44.1 81.9



#22

cis-1,2-Dichloroethene

Concen: 26.893 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

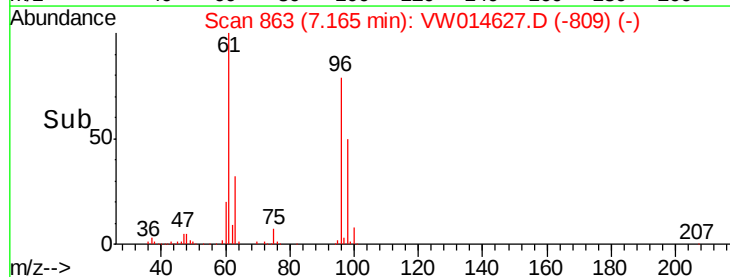
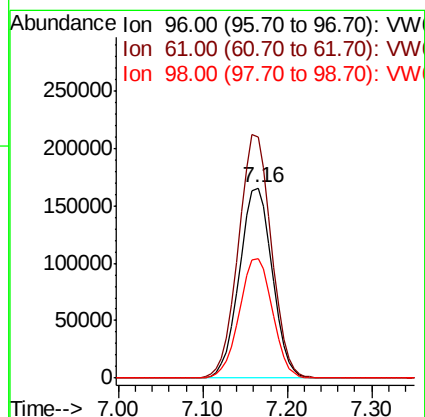
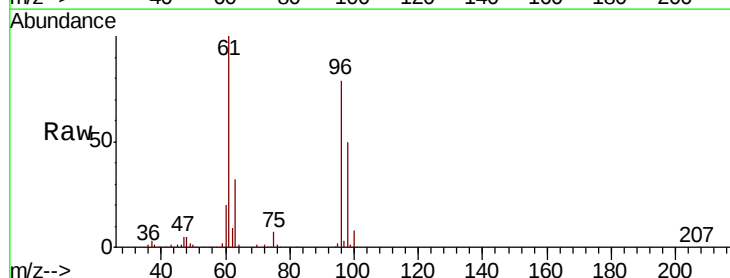
Tgt Ion: 96 Resp: 437700

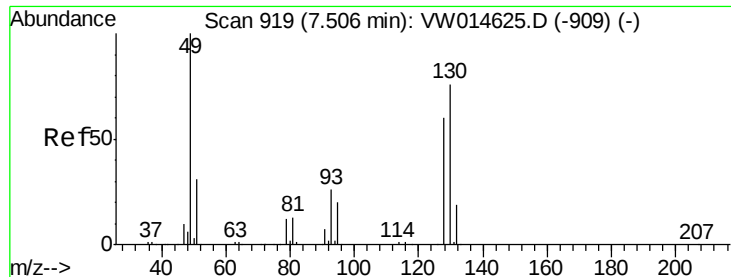
Ion Ratio Lower Upper

96 100

61 127.1 91.5 169.9

98 63.0 46.9 87.1





#23

Bromochloromethane

Concen: 16.090 ug/L

RT: 7.51 min Scan# 919

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 113363

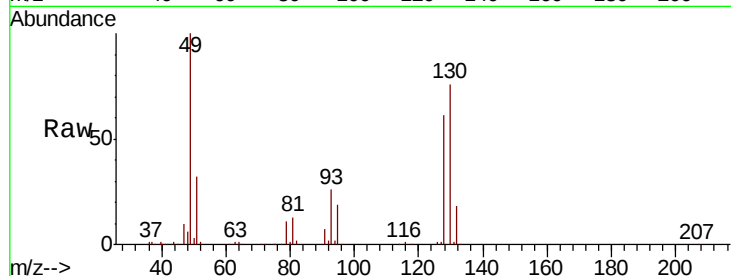
Ion Ratio Lower Upper

128 100

49 163.3 118.3 219.7

130 124.2 89.5 166.1

51 52.7 42.1 63.1

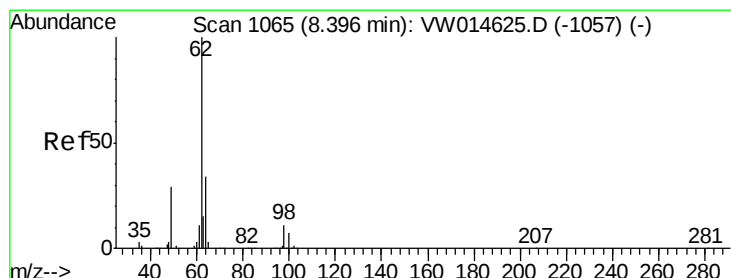
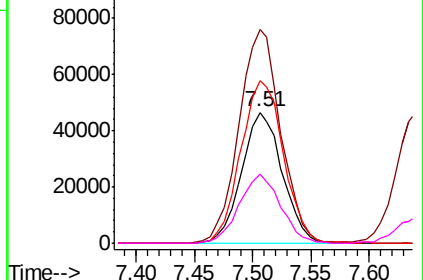
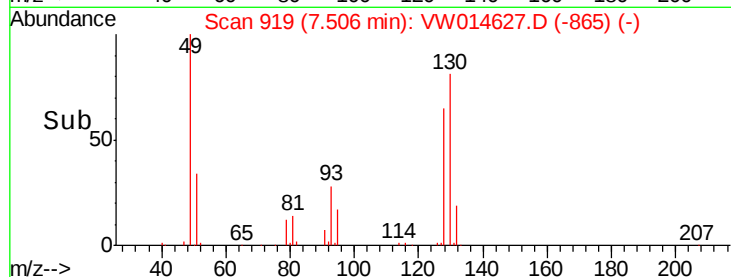


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#27

1,2-Dichloroethane

Concen: 10.332 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW014627.D

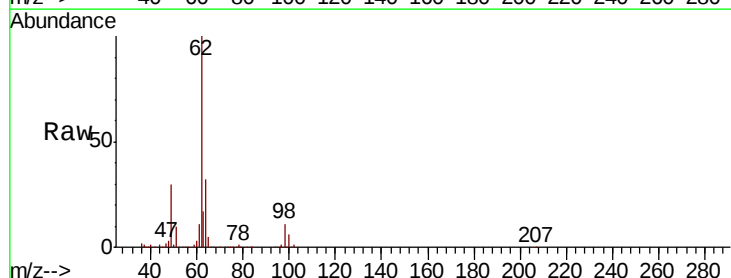
Acq: 14 Jan 2020 11:29

Tgt Ion: 62 Resp: 179307

Ion Ratio Lower Upper

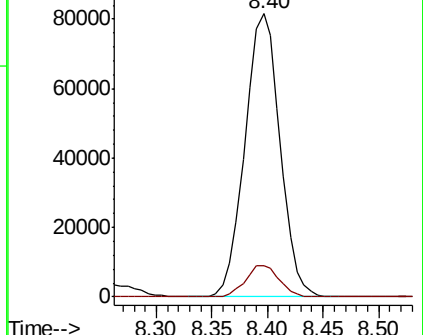
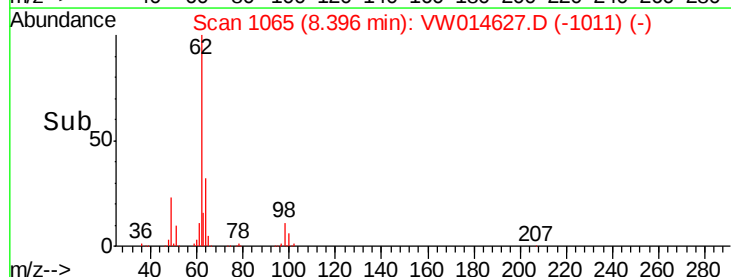
62 100

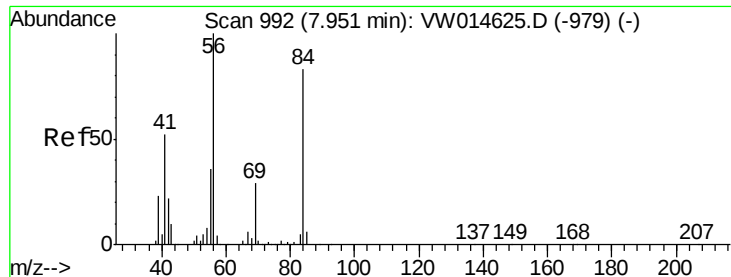
98 11.0 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

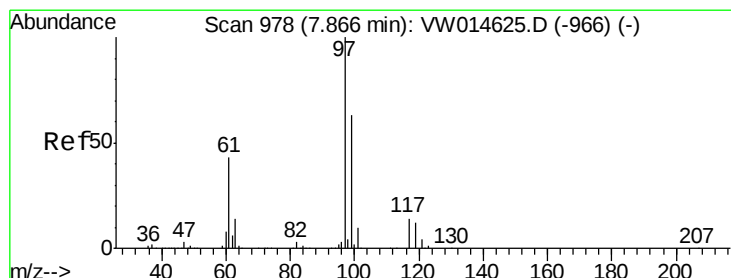
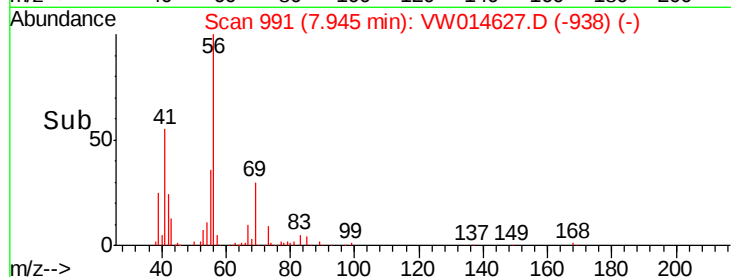
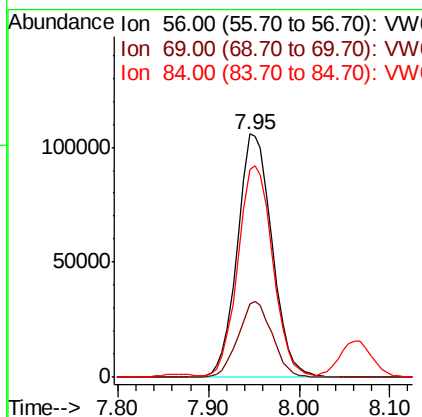
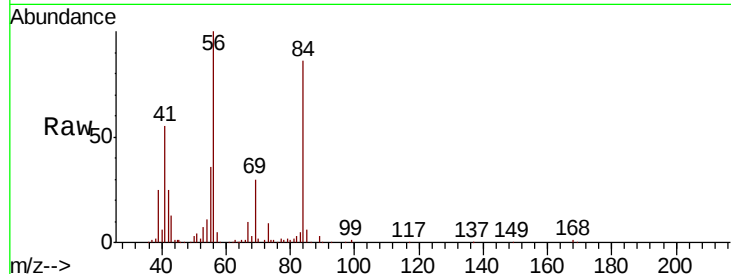




#30
Cyclohexane
Concen: 10.828 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

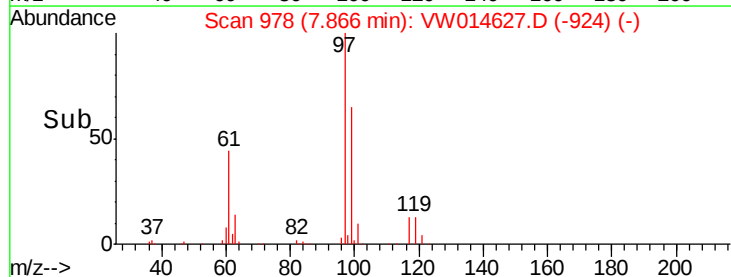
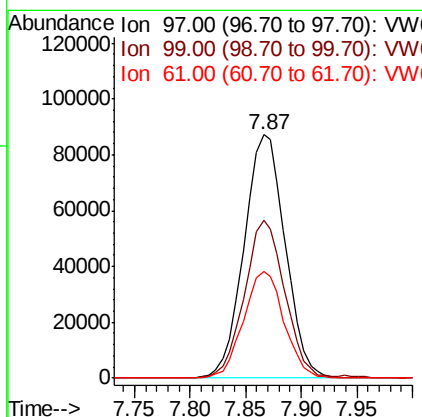
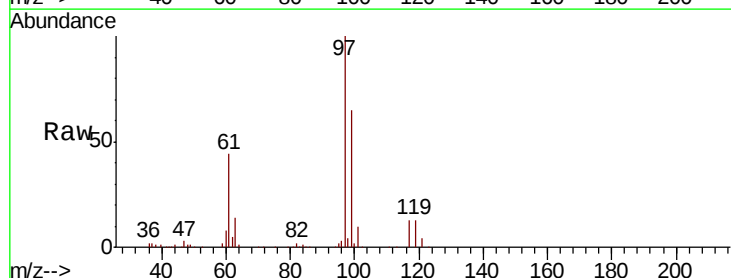
Instrument :
MSVOA_W
ClientSampled :

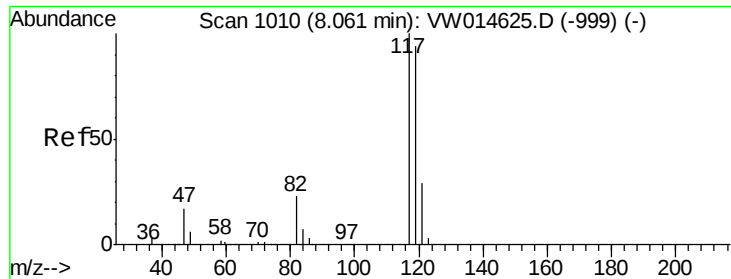
Tot Ion	56	Resp	280805
Ion Ratio	Lower	Upper	
56	100		
69	30.5	23.8	35.8
84	87.8	68.2	102.2



#31
1,1,1-Trichloroethane
Concen: 10.784 ug/L
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

Tgt Ion	97	Resp	224264
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.6	77.4
61	43.2	35.3	52.9

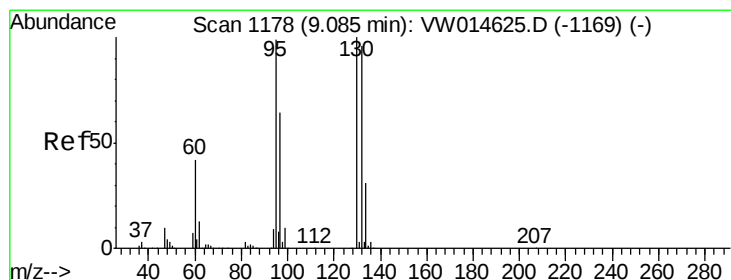
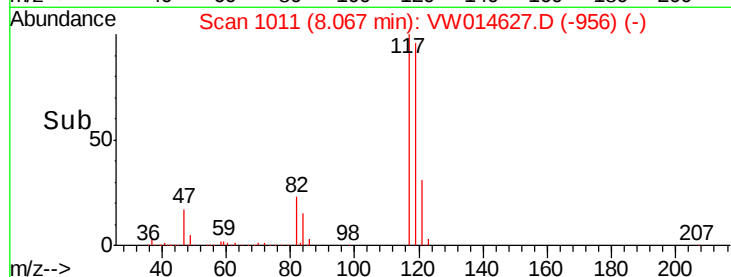
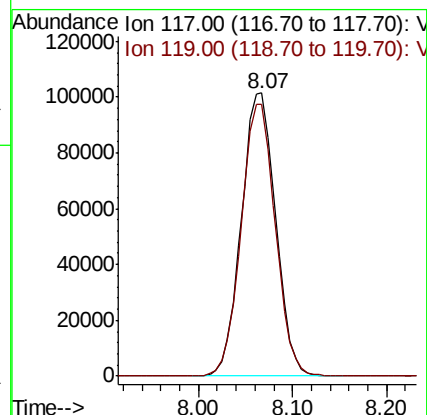
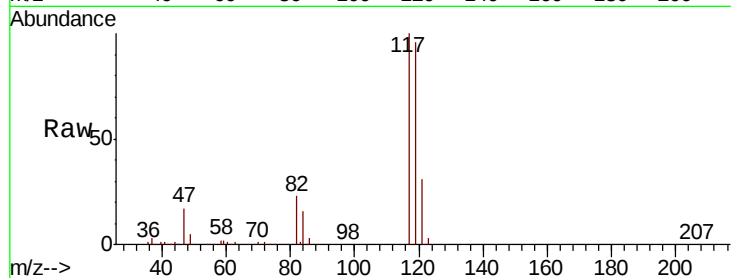




#32
Carbon tetrachloride
Concen: 13.241 ug/L
RT: 8.07 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

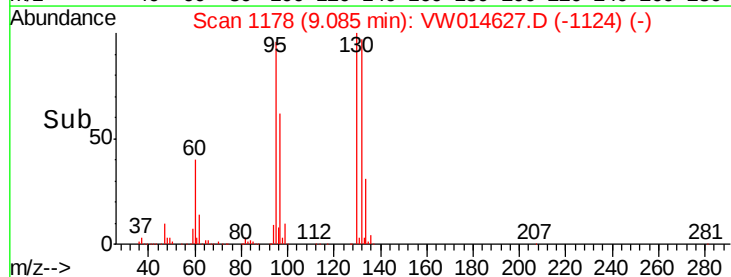
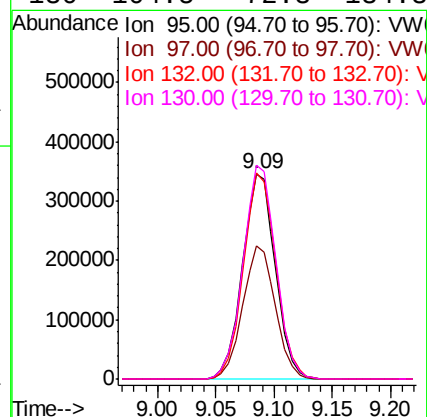
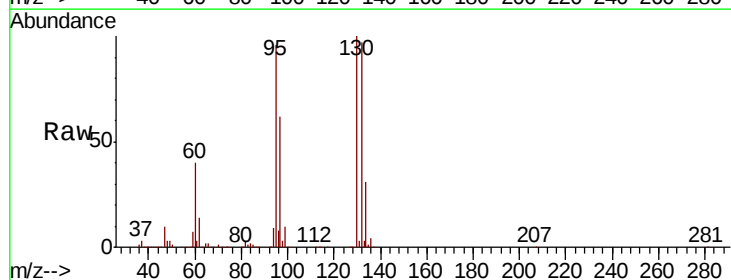
Instrument :
MSVOA_W
ClientSampleId :

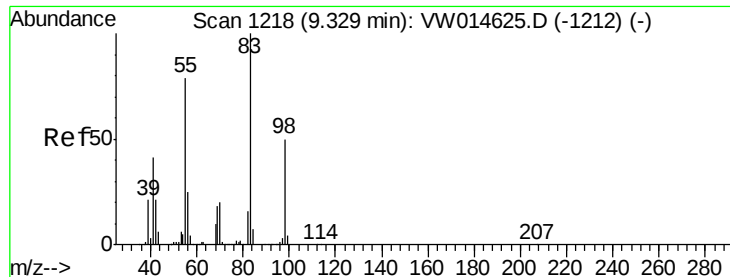
Tot Ion:117 Resp: 256570
Ion Ratio Lower Upper
117 100
119 95.8 77.6 116.4



#35
Trichloroethene
Concen: 42.994 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

Tgt Ion: 95 Resp: 676997
Ion Ratio Lower Upper
95 100
97 64.6 44.3 82.3
132 100.0 69.2 128.6
130 104.5 72.3 134.3

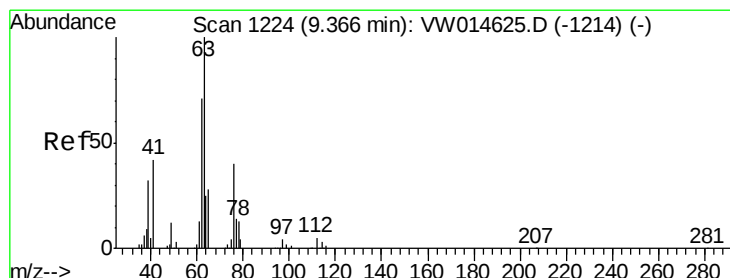
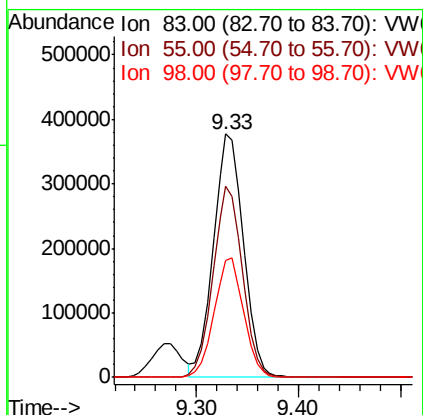
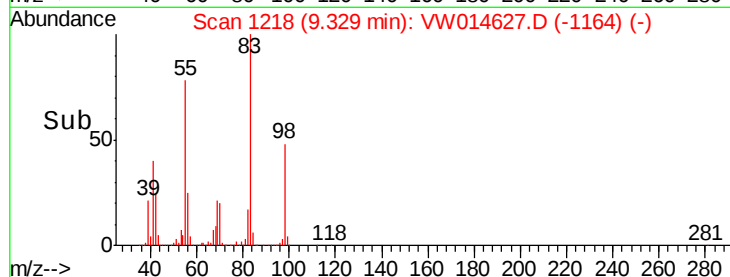
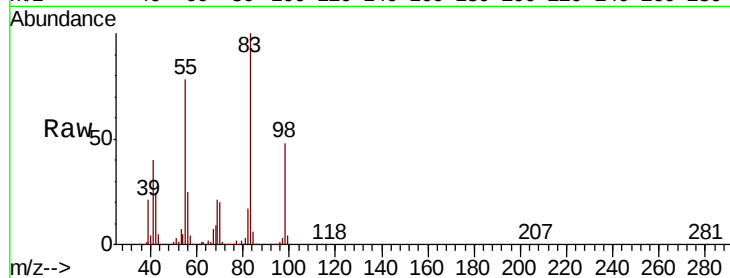




#36
Methylcyclohexane
Concen: 28.079 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

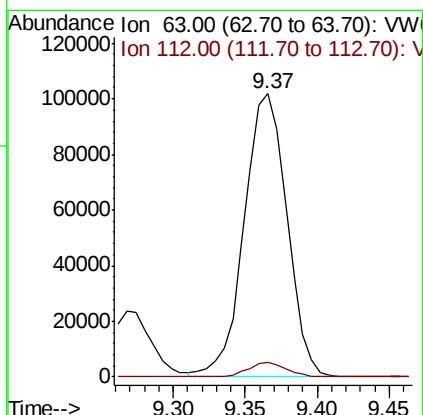
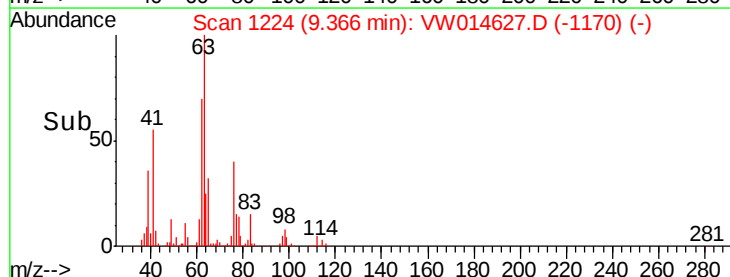
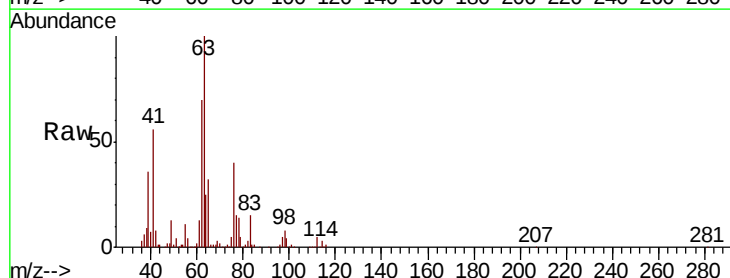
Instrument :
MSVOA_W
ClientSampled :

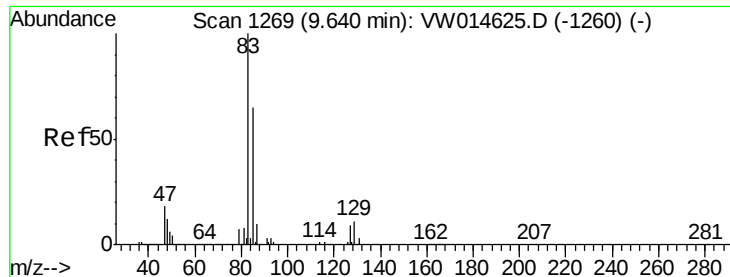
Tot Ion: 83 Resp: 775684
Ion Ratio Lower Upper
83 100
55 77.0 63.7 95.5
98 48.0 39.4 59.2



#40
1,2-Dichloropropane
Concen: 13.564 ug/L
RT: 9.37 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

Tgt Ion: 63 Resp: 209459
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5





#41

Bromodichloromethane

Concen: 20.936 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

ClientSampled :

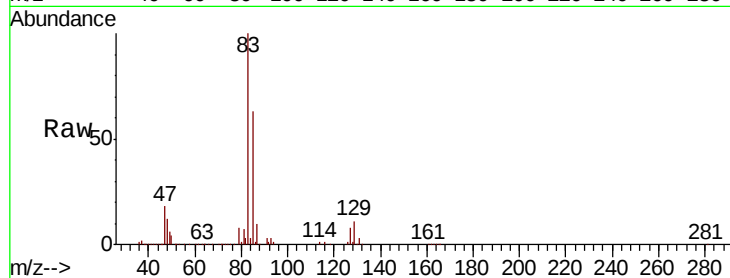
Tot Ion: 83 Resp: 388880

Ion Ratio Lower Upper

83 100

85 63.4 44.7 83.1

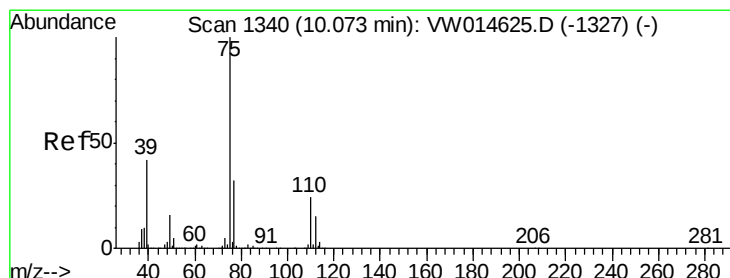
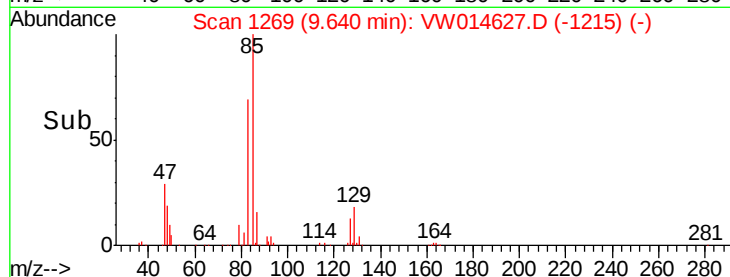
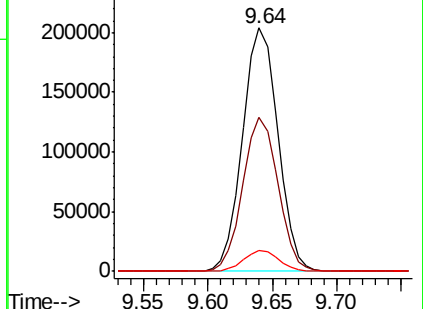
127 8.4 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 18.087 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014627.D

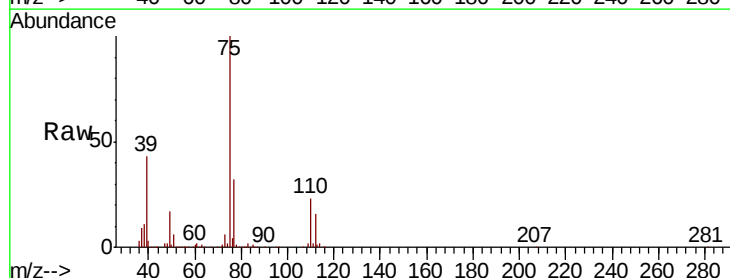
Acq: 14 Jan 2020 11:29

Tgt Ion: 75 Resp: 417215

Ion Ratio Lower Upper

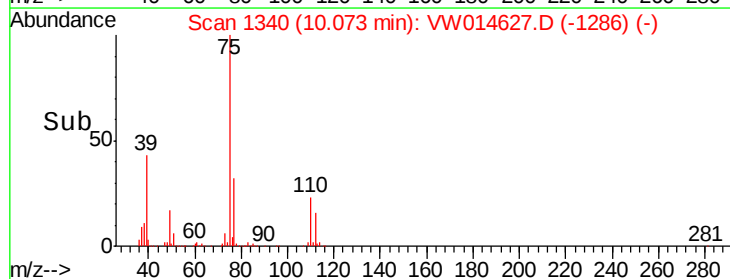
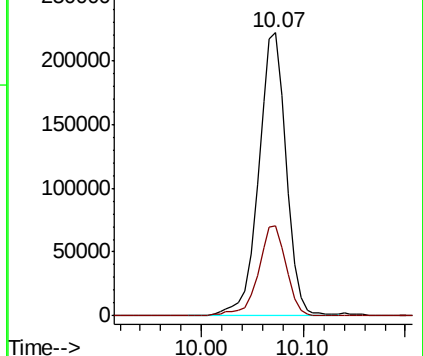
75 100

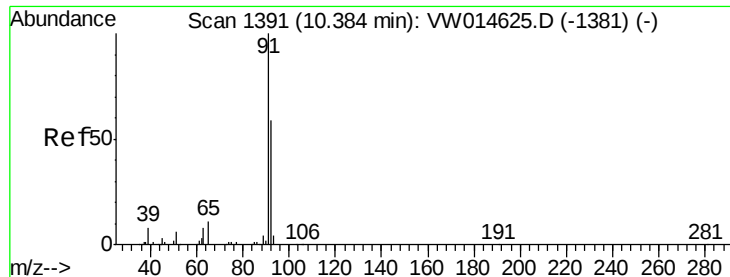
77 31.7 21.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 21.834 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

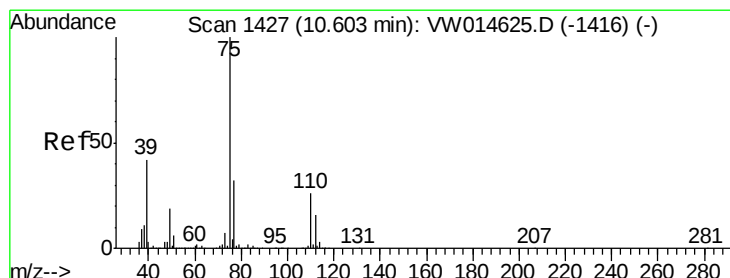
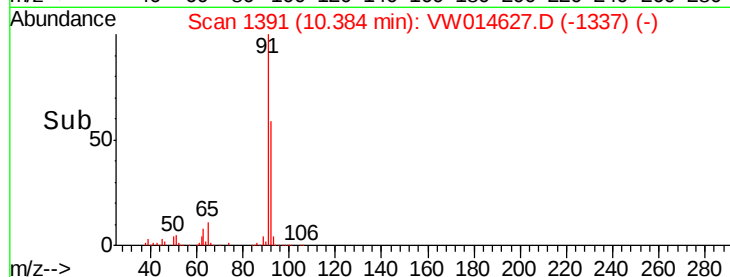
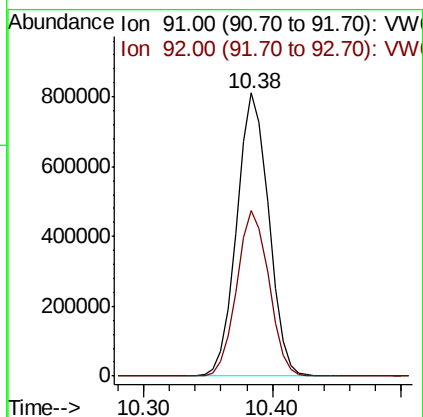
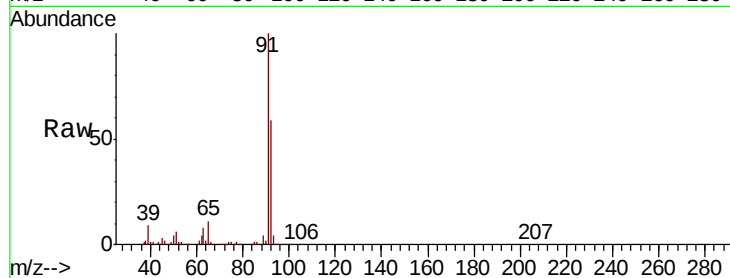
ClientSampleId :

Tot Ion: 91 Resp: 1392109

Ion Ratio Lower Upper

91 100

92 58.6 40.2 74.6



#45

trans-1,3-Dichloropropene

Concen: 9.060 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014627.D

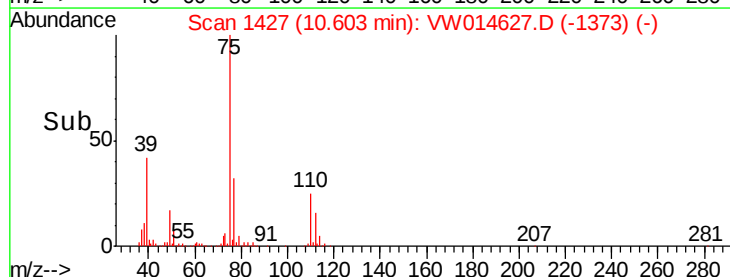
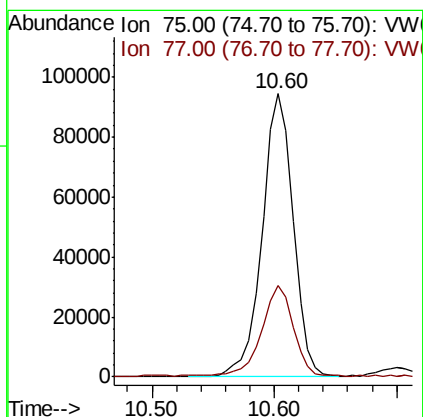
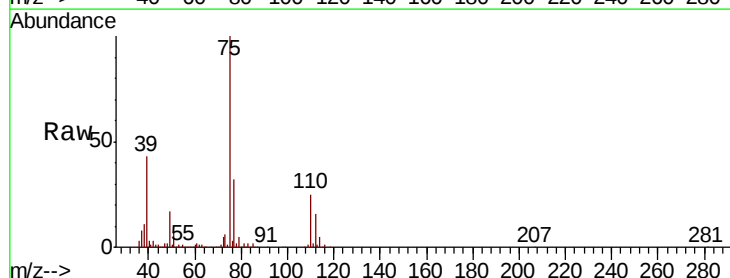
Acq: 14 Jan 2020 11:29

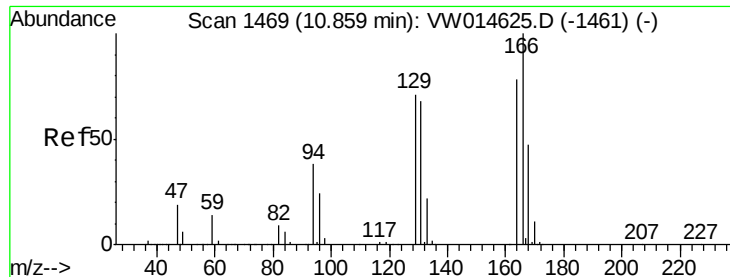
Tgt Ion: 75 Resp: 167109

Ion Ratio Lower Upper

75 100

77 32.2 21.1 39.3





#47

Tetrachloroethene

Concen: 42.221 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 558233

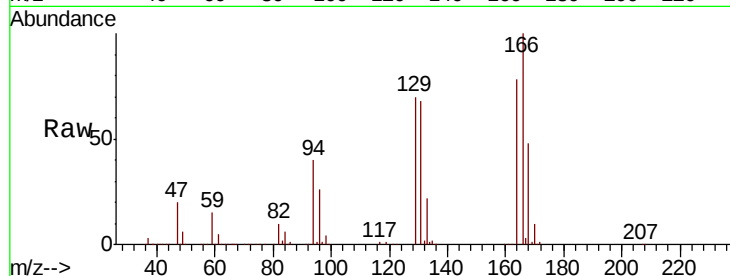
Ion Ratio Lower Upper

164 100

129 88.9 64.0 118.8

131 86.7 60.2 111.8

166 127.6 88.2 163.8

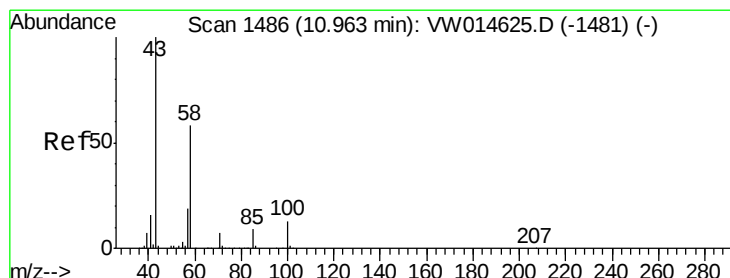
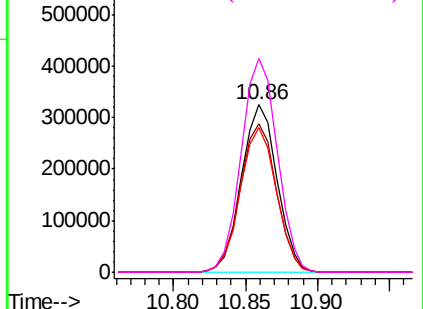
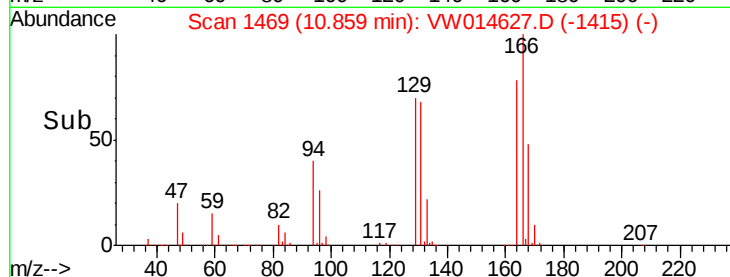


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 45.995 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Tgt Ion: 43 Resp: 311358

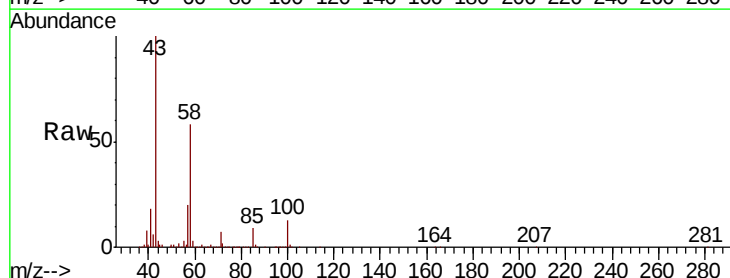
Ion Ratio Lower Upper

43 100

58 60.9 44.9 67.3

57 20.8 15.3 22.9

100 13.9 10.0 15.0

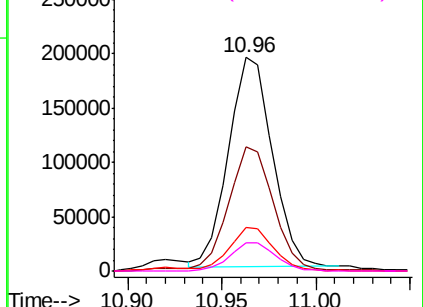
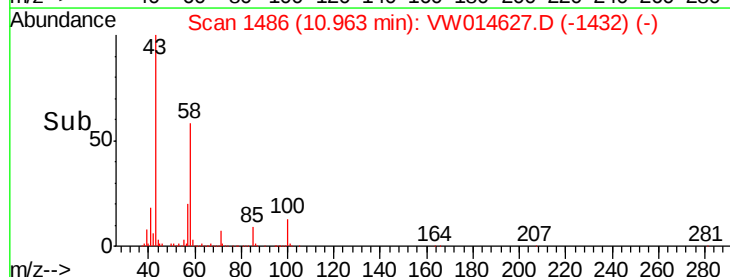


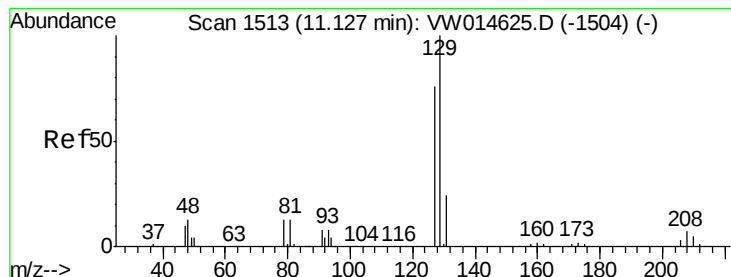
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 21.124 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

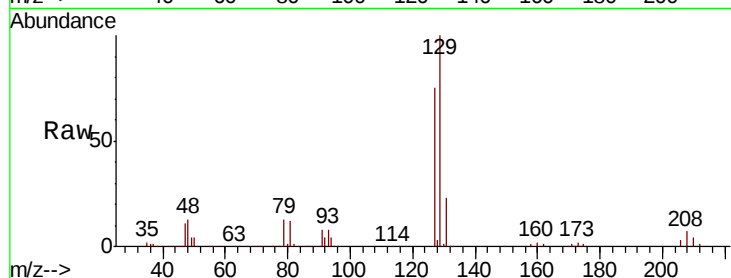
ClientSampleId :

Tot Ion:129 Resp: 262356

Ion Ratio Lower Upper

129 100

127 75.4 51.1 94.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

11.13

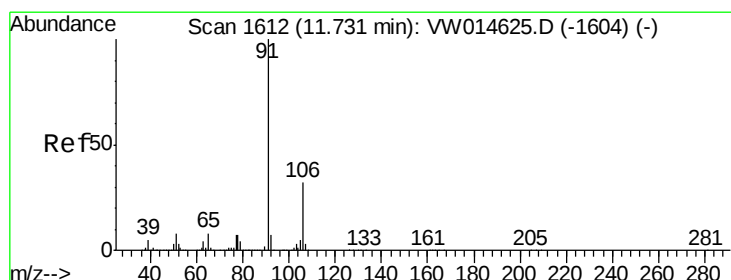
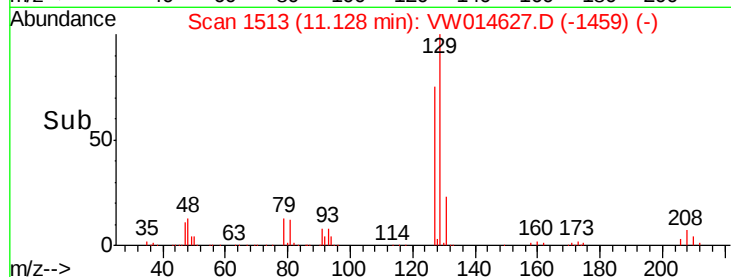
150000

100000

50000

0

Time--> 11.05 11.10 11.15 11.20



#53

Ethylbenzene

Concen: 16.164 ug/L

RT: 11.72 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014627.D

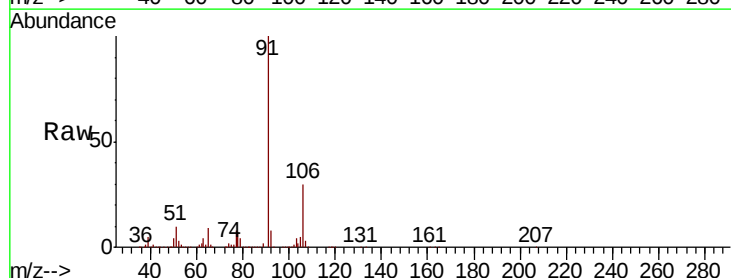
Acq: 14 Jan 2020 11:29

Tgt Ion: 91 Resp: 1133158

Ion Ratio Lower Upper

91 100

106 30.0 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

11.72

800000

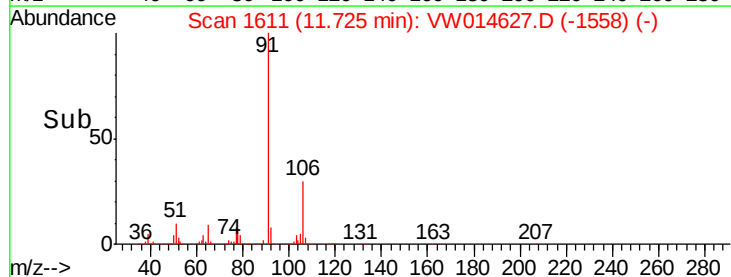
600000

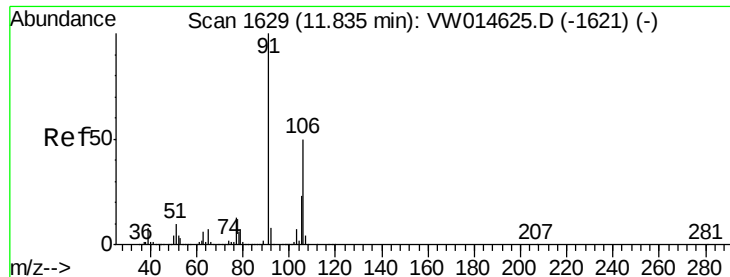
400000

200000

0

Time--> 11.65 11.70 11.75 11.80





#54

m,p-Xylene

Concen: 10.780 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

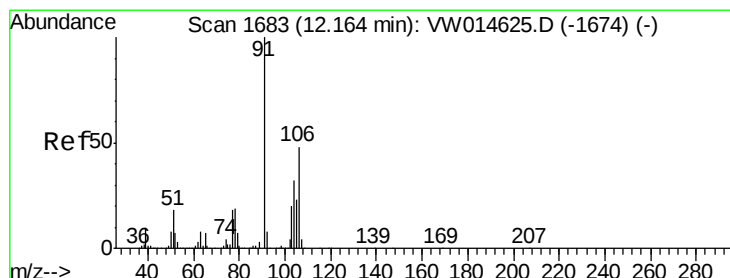
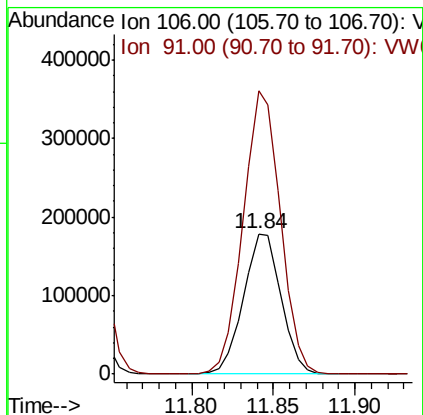
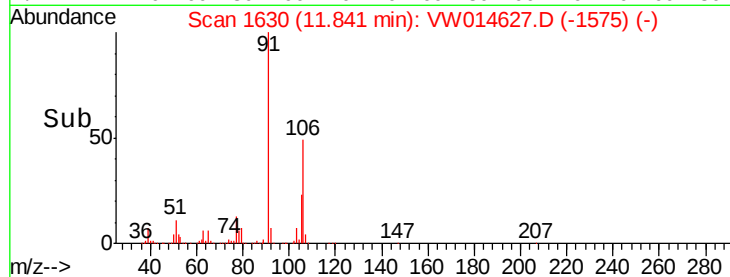
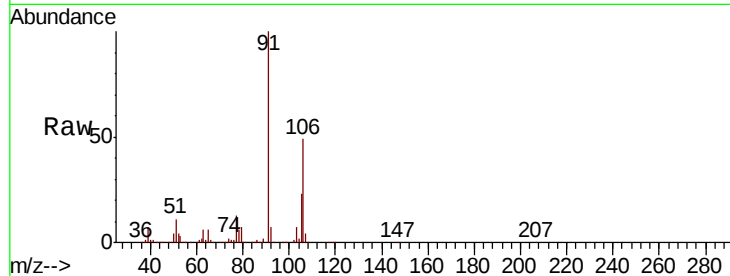
ClientSampled :

Tot Ion:106 Resp: 285972

Ion Ratio Lower Upper

106 100

91 202.0 142.2 264.0



#55

o-xylene

Concen: 13.237 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014627.D

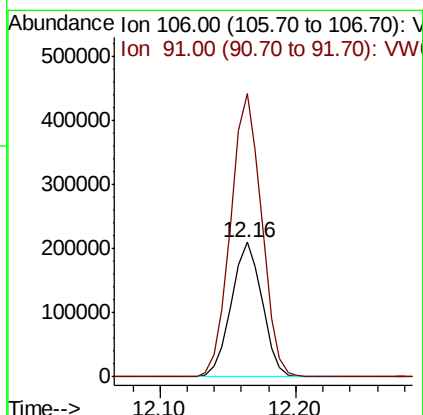
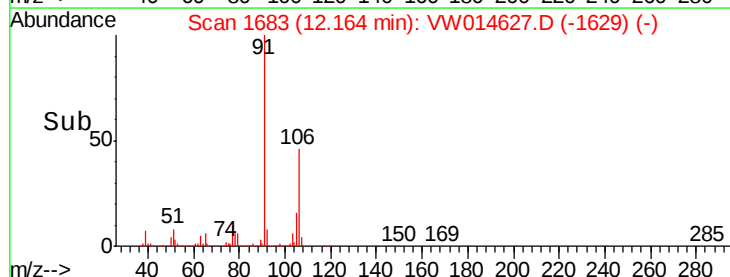
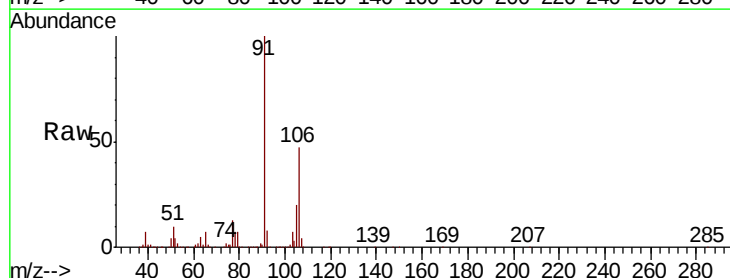
Acq: 14 Jan 2020 11:29

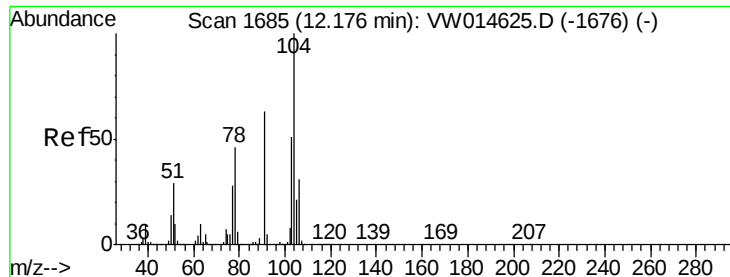
Tgt Ion:106 Resp: 331687

Ion Ratio Lower Upper

106 100

91 210.6 148.7 276.1





#56

Stvrene

Concen: 0.447 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

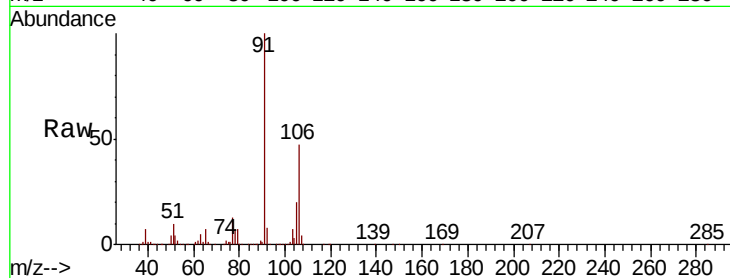
ClientSampleId :

Tot Ion:104 Resp: 18861

Ion Ratio Lower Upper

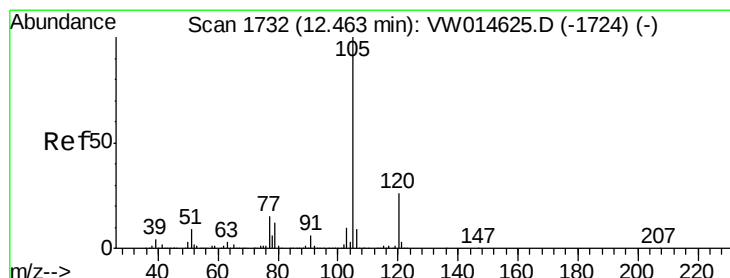
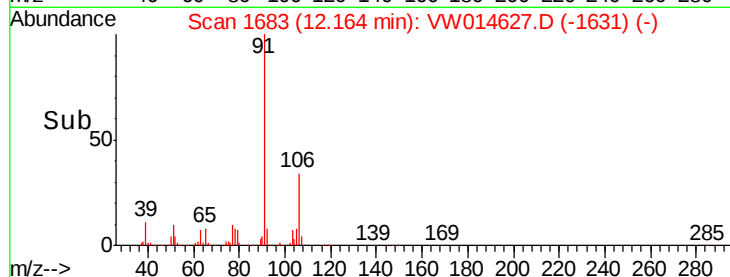
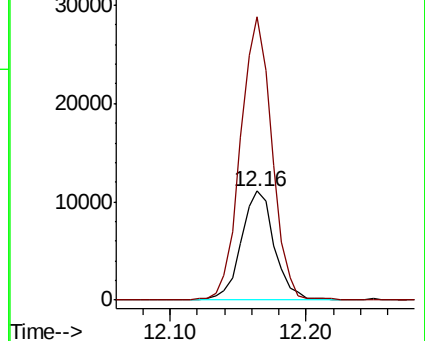
104 100

78 259.2 32.3 60.1#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V



#57

Isopropylbenzene

Concen: 13.677 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

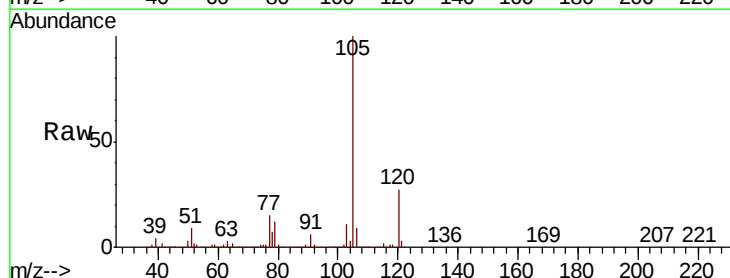
Tgt Ion:105 Resp: 911588

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

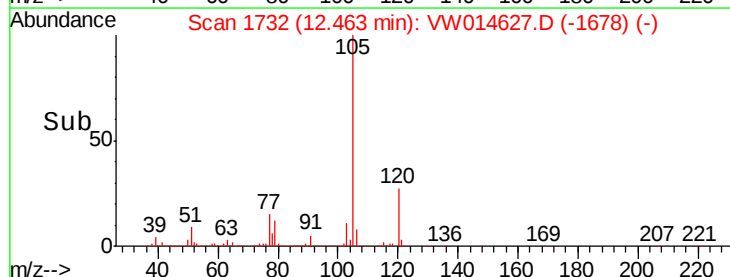
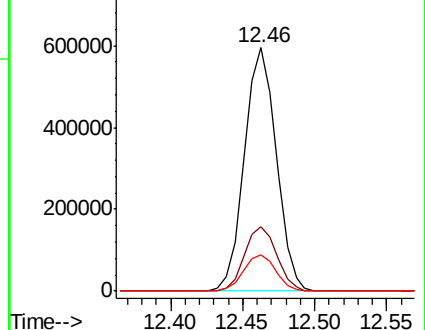
77 15.1 12.2 18.2

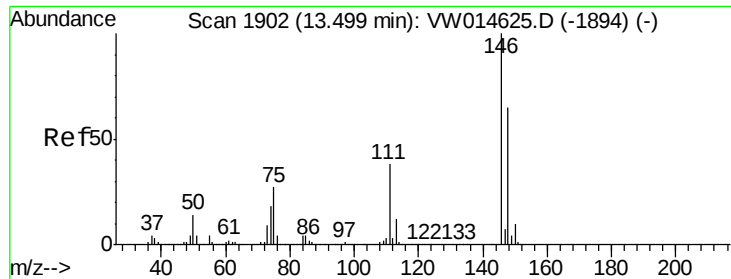


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

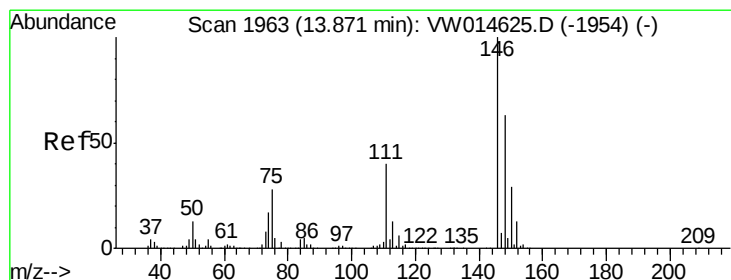
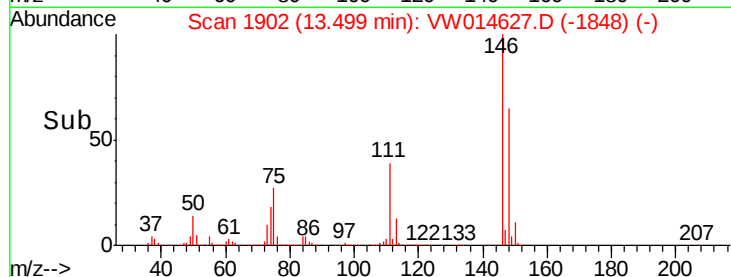
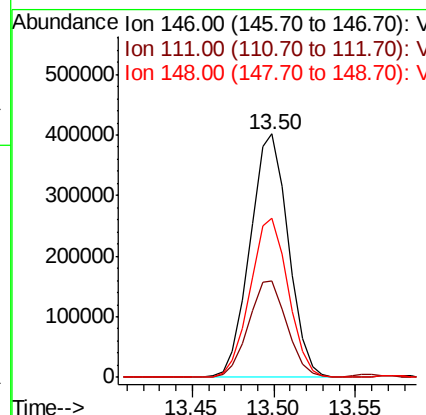
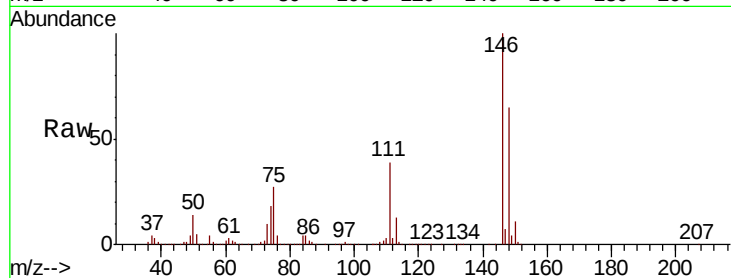




#63
1,3-Dichlorobenzene
Concen: 20.806 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

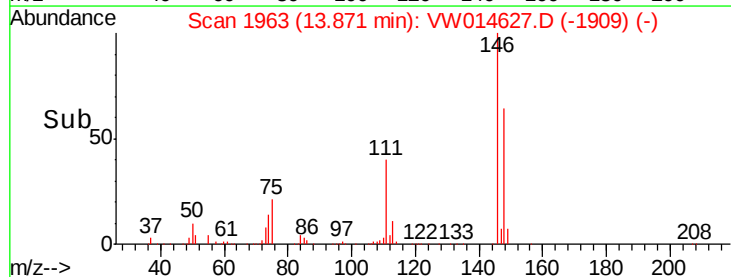
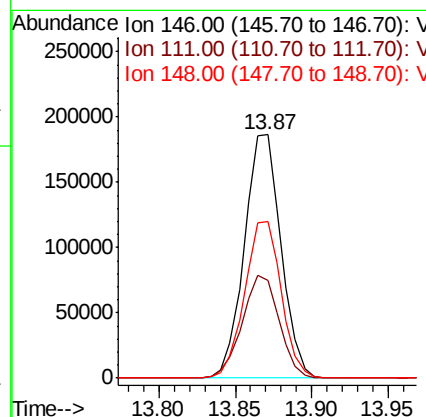
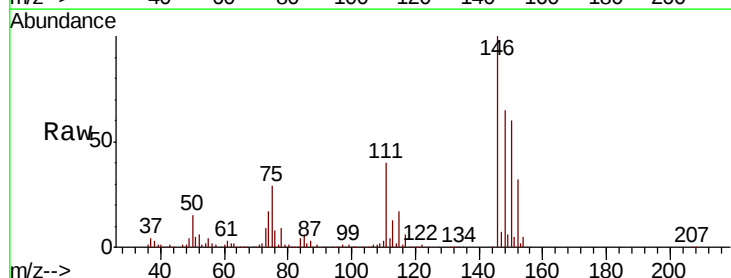
Instrument :
MSVOA_W
ClientSampleId :

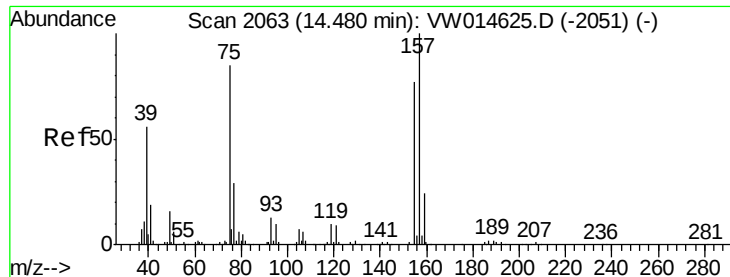
Tot Ion:146 Resp: 655763
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 65.2 45.1 83.7



#65
1,2-Dichlorobenzene
Concen: 10.992 ug/L
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW014627.D
Acq: 14 Jan 2020 11:29

Tgt Ion:146 Resp: 310577
Ion Ratio Lower Upper
146 100
111 40.3 34.2 51.2
148 64.6 51.8 77.8





#66

1,2-Dibromo-3-chloropropane

Concen: 20.920 ug/L

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

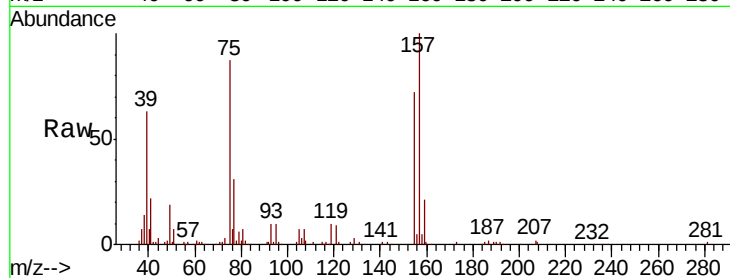
Tot Ion: 75 Resp: 43771

Ion Ratio Lower Upper

75 100

157 115.6 87.2 130.8

155 82.9 67.8 101.8

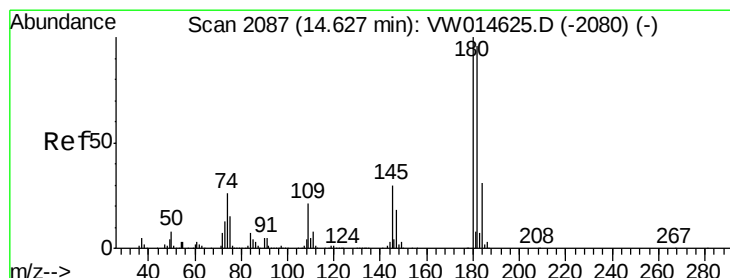
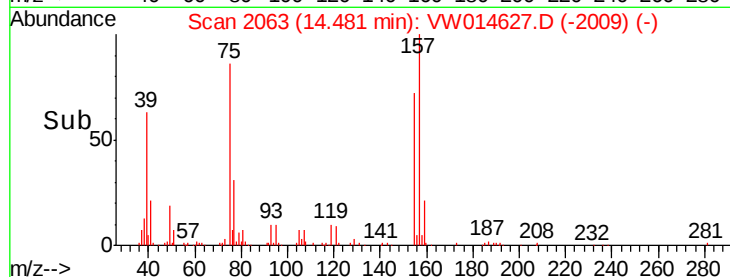
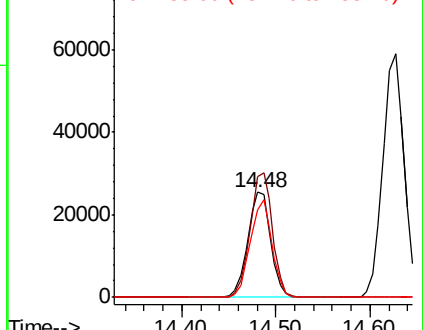


Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V



#67

1,3,5-Trichlorobenzene

Concen: 27.609 ug/L

RT: 14.63 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VW014627.D

Acq: 14 Jan 2020 11:29

Tgt Ion:180 Resp: 644598

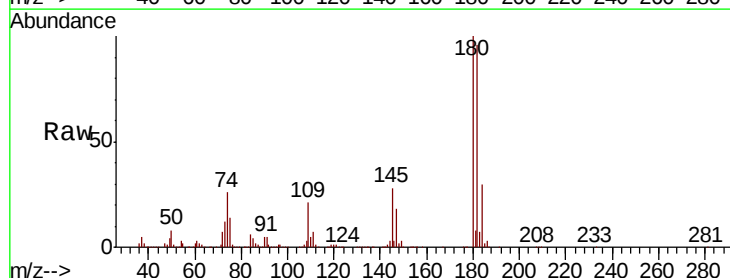
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

184 29.8 24.0 36.0

145 27.6 22.6 33.8



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

