

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
 Data File : VW004679.D
 Acq On : 14 Aug 2018 22:11
 Operator : SY/AP
 Sample : J4450-11MSD
 Misc : 4.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 14 22:35:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 12:36:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	812361	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	793901	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	322410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	333101	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.20%
7) Chloroethane-d5	2.89	69	268281	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.52%
10) 1,1-Dichloroethene-d2	4.02	63	610882	25.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.48%
20) 2-Butanone-d5	7.09	46	247411	70.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.62%#
24) Chloroform-d	7.65	84	612301	28.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.48%
26) 1,2-Dichloroethane-d4	8.31	65	364836	31.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.52%
29) Benzene-d6	8.28	84	1224924	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	9.28	67	403924	29.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.84%
37) Toluene-d8	10.33	98	1048444	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	10.59	79	166015	29.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.28%
39) 2-Hexanone-d5	10.93	63	231895	83.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.80%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	420561	32.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.68%#
61) 1,2-Dichlorobenzene-d4	13.86	152	384263	31.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.68%#

Target Compounds

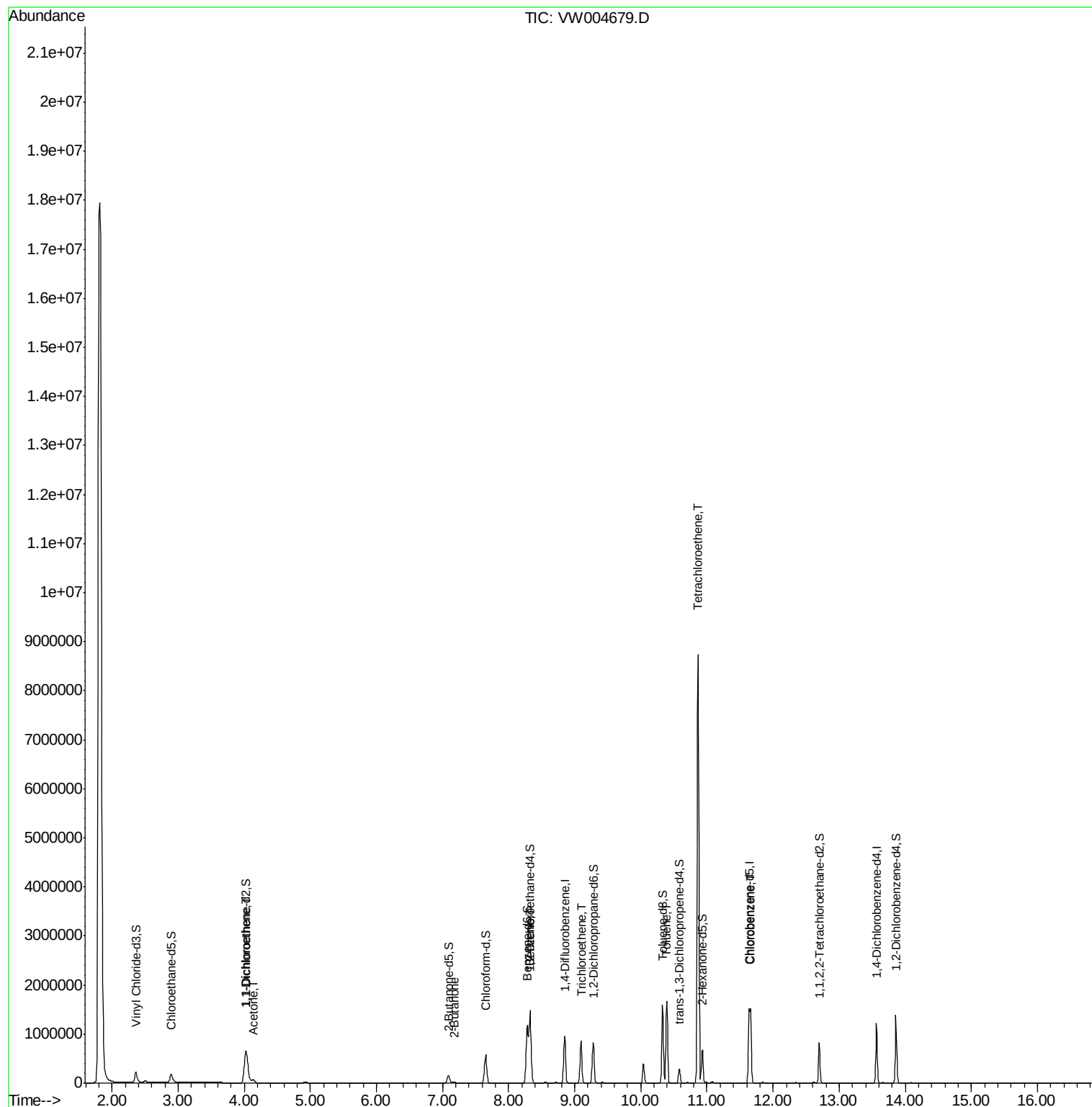
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	277136	22.784	ug/L	90
13) Acetone	4.14	43	96469	30.092	ug/L	96
21) 2-Butanone	7.18	43	13857	3.091	ug/L	94
34) Benzene	8.33	78	1216185	24.066	ug/L	100
35) Trichloroethene	9.09	95	315437	24.804	ug/L	99
44) Toluene	10.39	91	1242289	24.277	ug/L	100
47) Tetrachloroethene	10.87	164	2044941	193.815	ug/L	99
52) Chlorobenzene	11.66	112	781870	22.884	ug/L	100

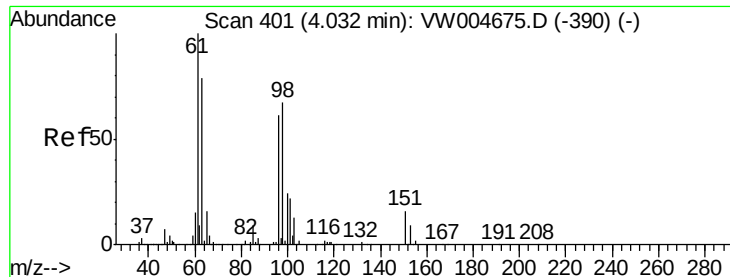
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.784 ug/L

RT: 4.04 min Scan# 402

Delta R.T. -0.00 min

Lab File: VW004679.D

Acq: 14 Aug 2018 22:11

Instrument :

MSVOA_W

ClientSampleId :

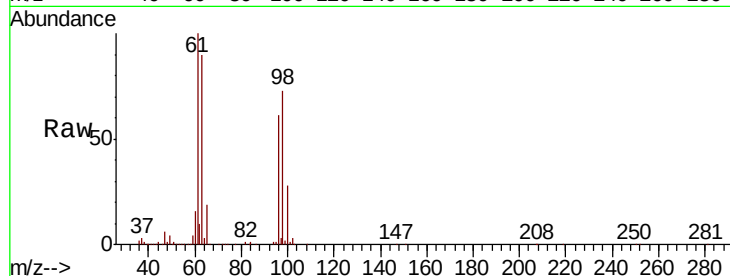
Tot Ion: 96 Resp: 277136

Ion Ratio Lower Upper

96 100

61 162.7 118.9 220.7

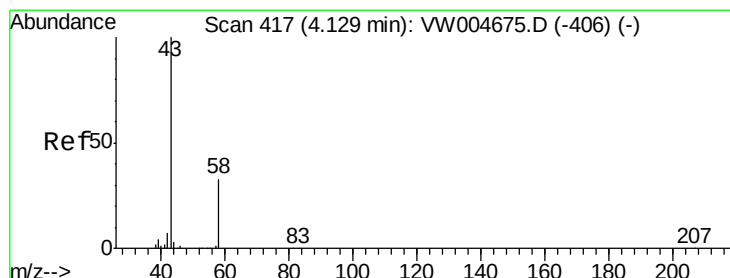
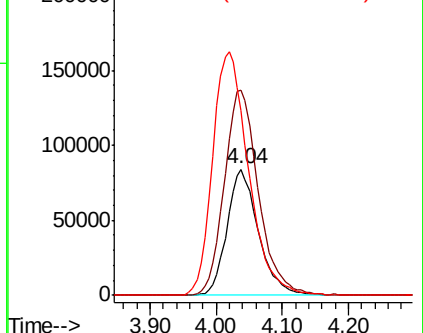
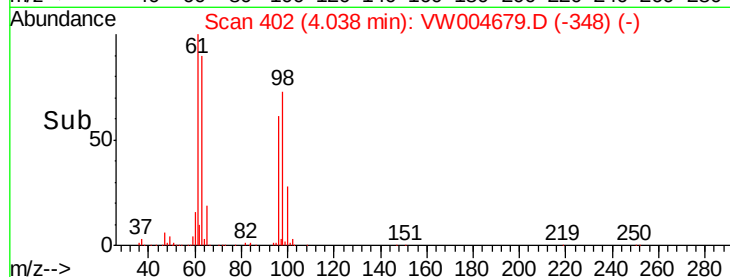
63 146.6 88.9 165.1



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 30.092 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW004679.D

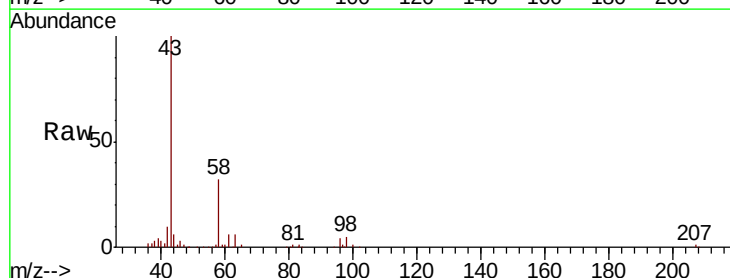
Acq: 14 Aug 2018 22:11

Tgt Ion: 43 Resp: 96469

Ion Ratio Lower Upper

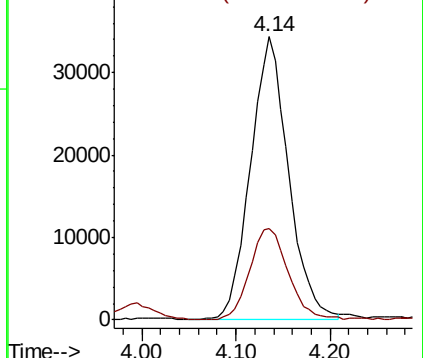
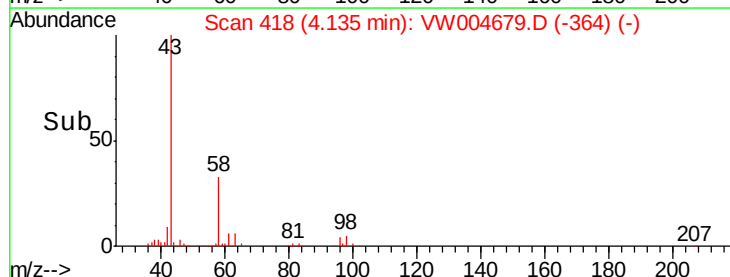
43 100

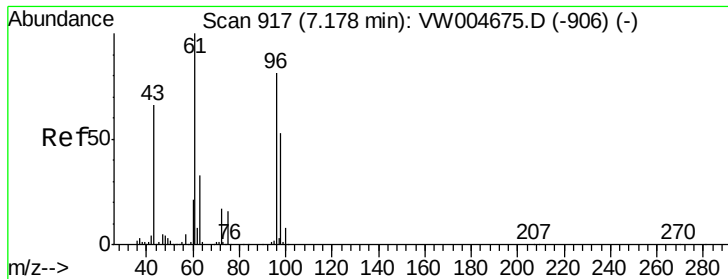
58 32.4 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#21

2-Butanone

Concen: 3.091 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004679.D

Acq: 14 Aug 2018 22:11

Instrument :

MSVOA_W

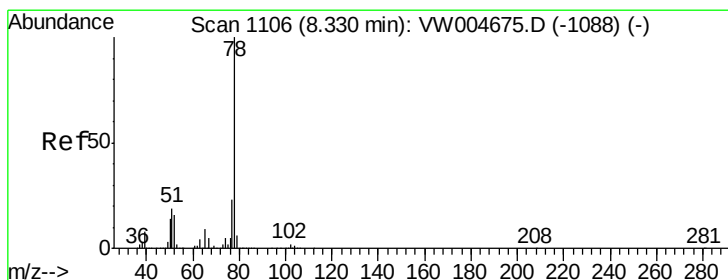
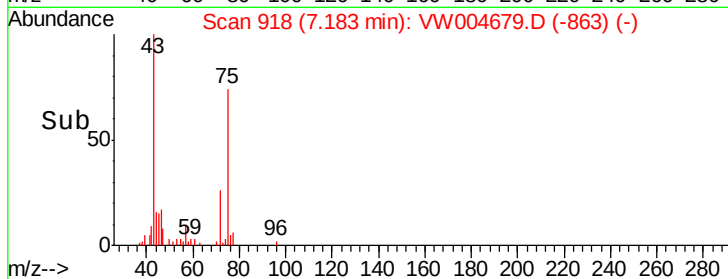
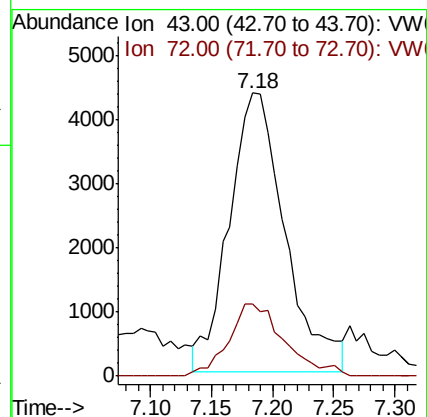
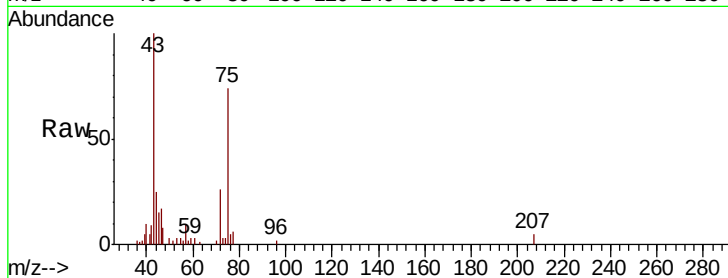
ClientSampled :

Tot Ion: 43 Resp: 13857

Ion Ratio Lower Upper

43 100

72 24.8 14.1 42.2



#34

Benzene

Concen: 24.066 ug/L

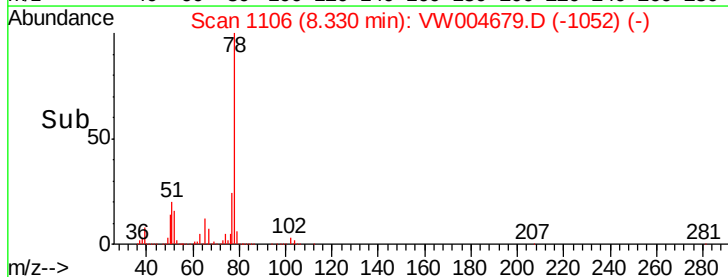
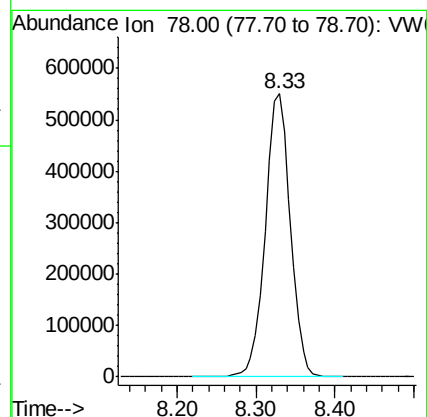
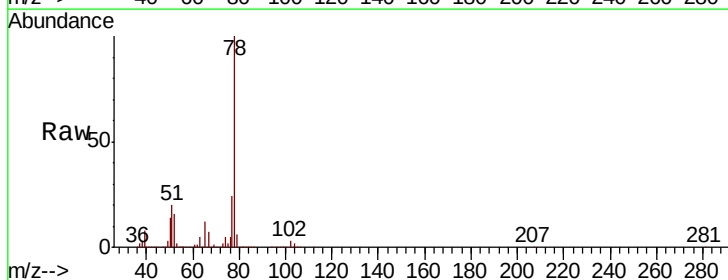
RT: 8.33 min Scan# 1106

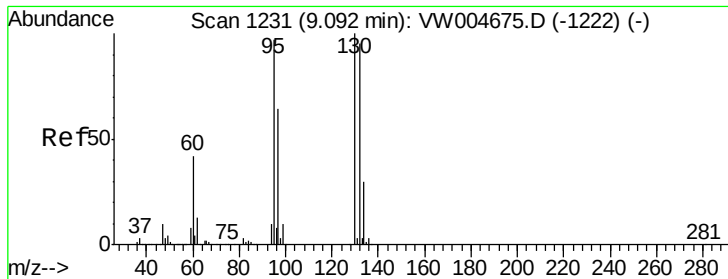
Delta R.T. -0.00 min

Lab File: VW004679.D

Acq: 14 Aug 2018 22:11

Tgt Ion: 78 Resp: 1216185

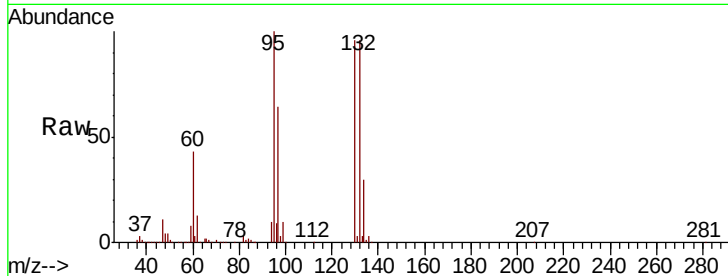




#35
 Trichloroethene
 Concen: 24.804 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VW004679.D
 Acq: 14 Aug 2018 22:11

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	95	Resp	315437
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.1	83.9
132	98.4	68.8	127.8
130	100.4	71.5	132.9



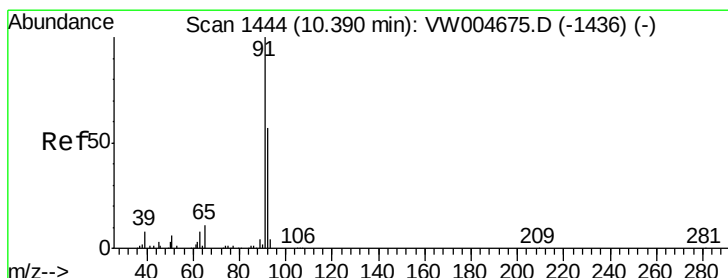
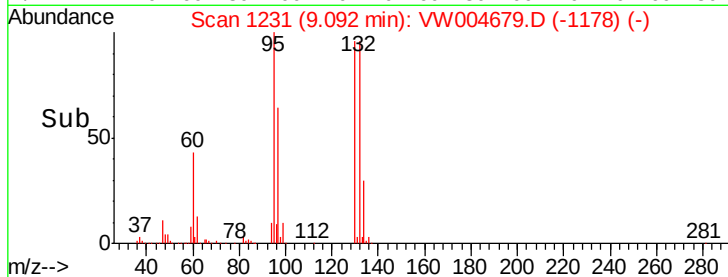
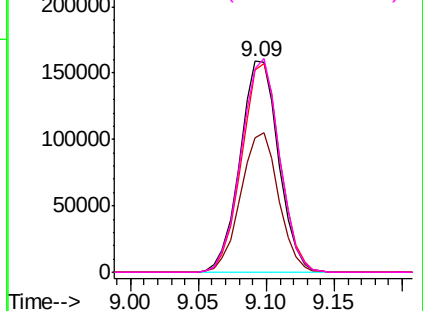
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

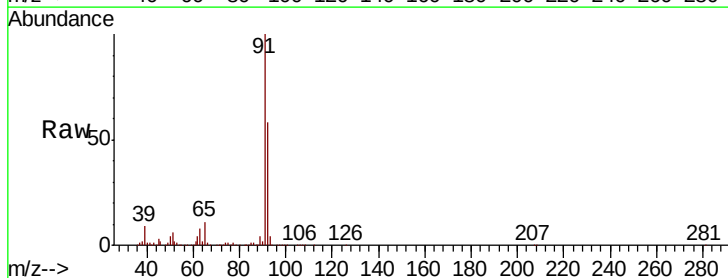
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44
 Toluene
 Concen: 24.277 ug/L
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW004679.D
 Acq: 14 Aug 2018 22:11

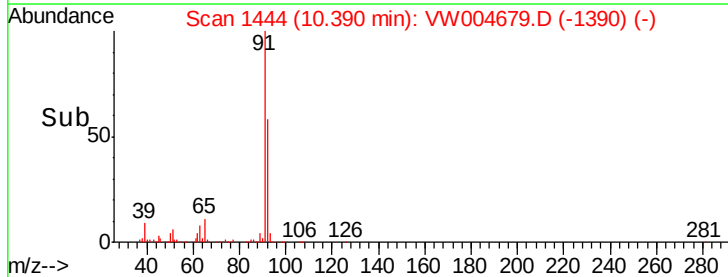
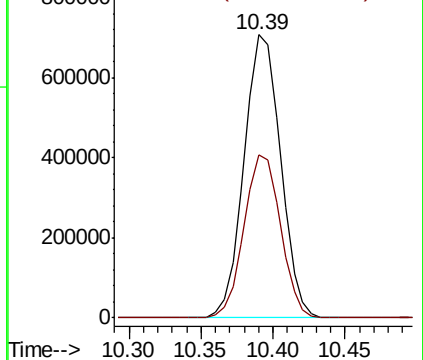
Tgt Ion	91	Resp	1242289
Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.3	74.8

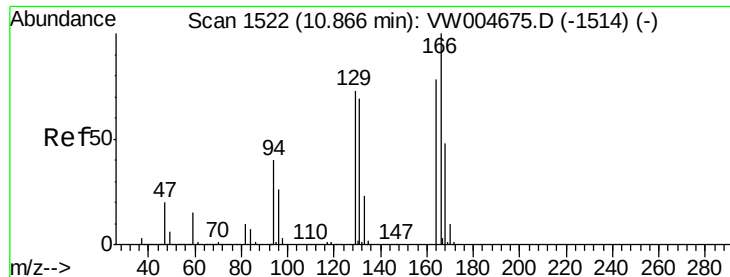


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 193.815 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004679.D

Acq: 14 Aug 2018 22:11

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 2044941

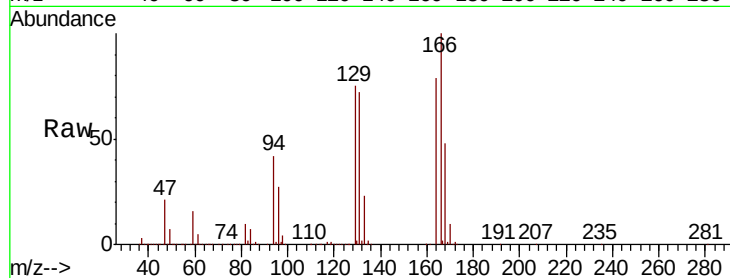
Ion Ratio Lower Upper

164 100

129 94.9 65.0 120.6

131 90.5 62.2 115.4

166 126.3 88.9 165.1

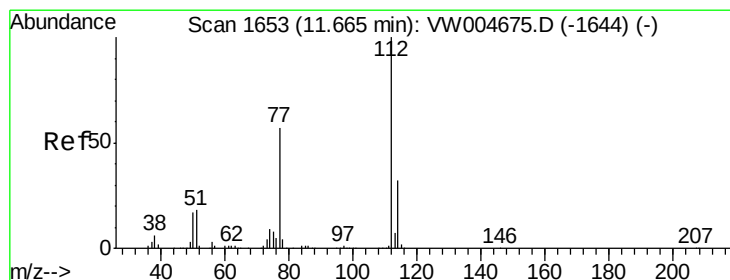
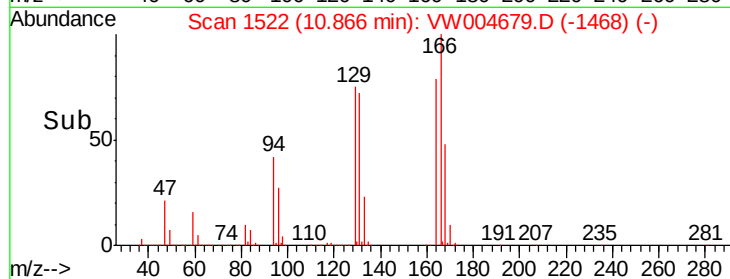
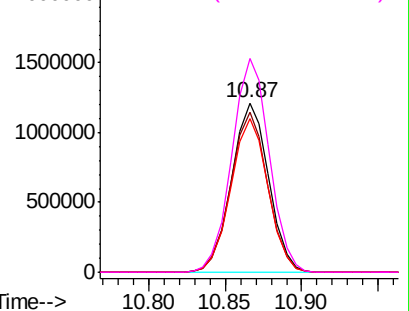


Abundance Ion 164.00 (163.70 to 164.70): V

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



#52

Chlorobenzene

Concen: 22.884 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004679.D

Acq: 14 Aug 2018 22:11

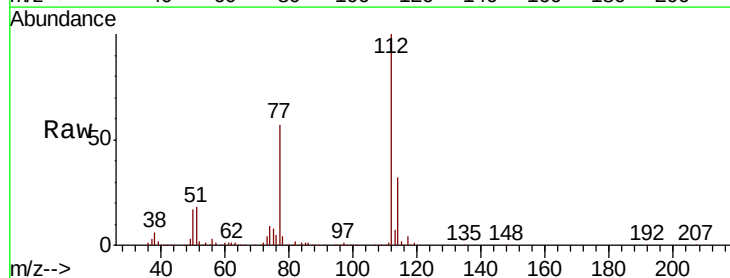
Tgt Ion:112 Resp: 781870

Ion Ratio Lower Upper

112 100

77 57.3 46.0 69.0

114 32.1 22.3 41.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V

