

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023685.D
 Acq On : 07 May 2018 11:58
 Operator : MD/SY
 Sample : J2717-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 14:35:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	288093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107186	52.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.98%
7) Chloroethane-d5	1.68	69	87963	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.04%
11) 1,1-Dichloroethene-d2	2.27	63	196575	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.76%
21) 2-Butanone-d5	4.18	46	196077	138.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.99%#
24) Chloroform-d	4.65	84	206875	61.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.52%
26) 1,2-Dichloroethane-d4	5.31	65	140588	59.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.72%
32) Benzene-d6	5.35	84	438619	60.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.26%
36) 1,2-Dichloropropane-d6	6.34	67	151520	62.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.02%#
41) Toluene-d8	7.57	98	390325	58.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.08%
43) trans-1,3-Dichloropropene-	7.85	79	61610	58.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.14%
47) 2-Hexanone-d5	8.31	63	143550	154.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	154.70%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	201534	63.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	127.54%#
64) 1,2-Dichlorobenzene-d4	11.86	152	162297	64.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.18%#

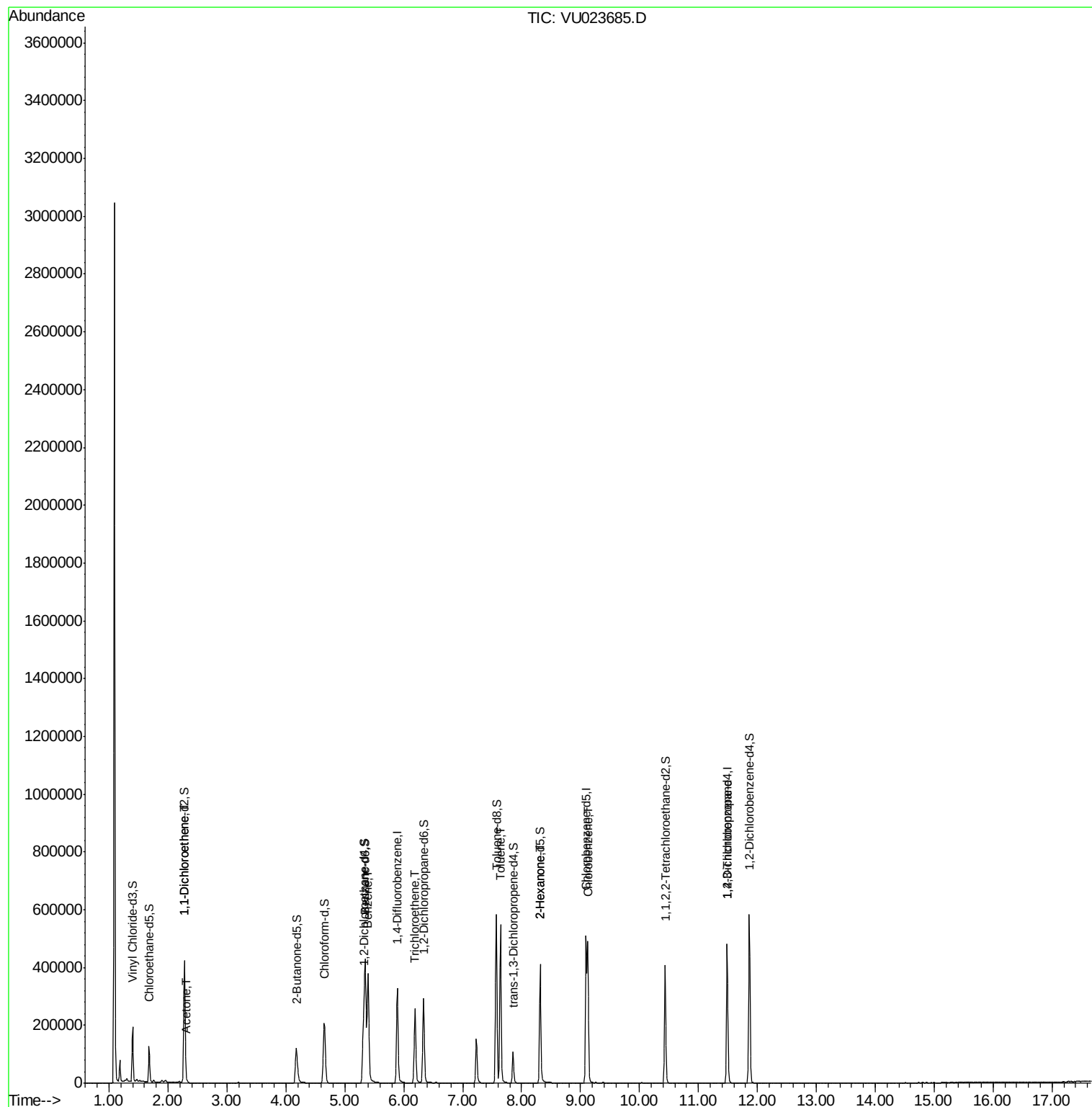
Target Compounds

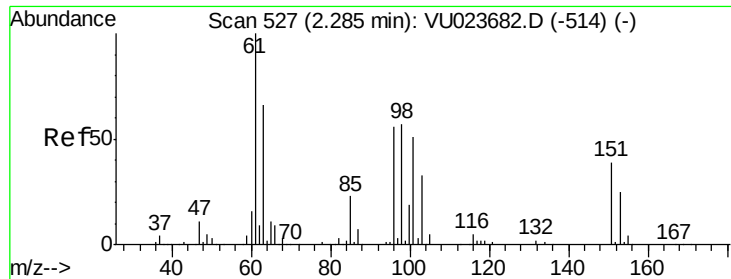
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	78825	37.489	ug/L	86
13) Acetone	2.32	43	5317	2.537	ug/L	93
33) Benzene	5.39	78	381720	39.841	ug/L	100
34) Trichloroethene	6.19	95	95959	39.089	ug/L	97
42) Toluene	7.64	91	399391	40.218	ug/L	100
48) 2-Hexanone	8.31	43	16560	5.671	ug/L #	66
51) Chlorobenzene	9.12	112	258192	39.020	ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	15209	5.017	ug/L	94

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

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023685.D
Acq On : 07 May 2018 11:58
Operator : MD/SY
Sample : J2717-03MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

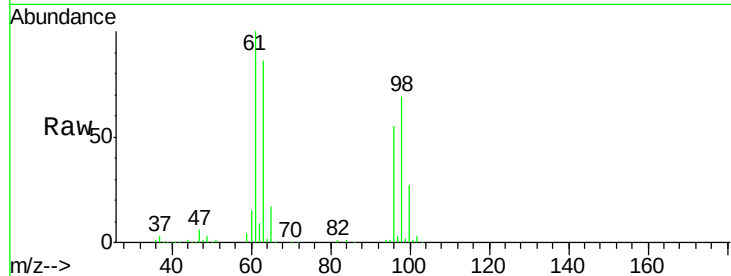
Quant Time: May 07 14:35:19 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



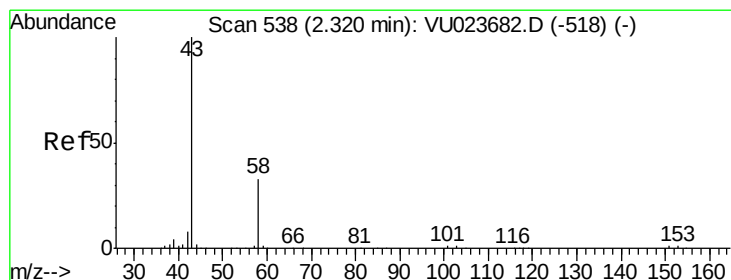
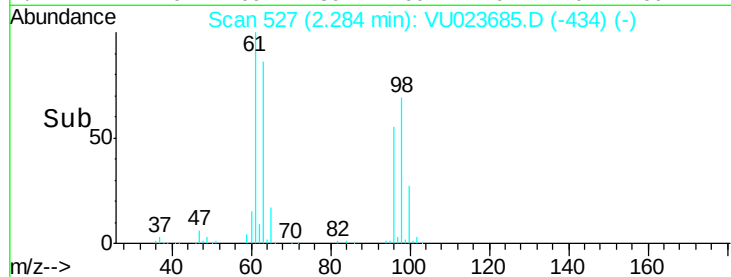
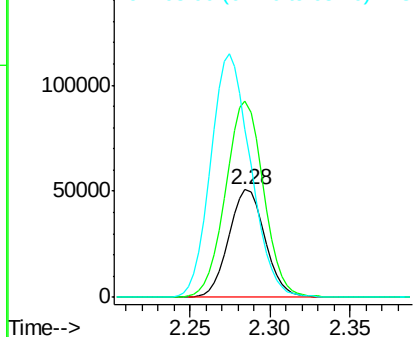


#12
 1,1-Dichloroethene
 Concen: 37.489 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU023685.D
 Acq: 07 May 2018 11:58

Tot Ion	96	Resp	78825
Ion	Ratio	Lower	Upper
96	100		
61	182.6	125.9	233.7
63	156.7	84.8	157.6

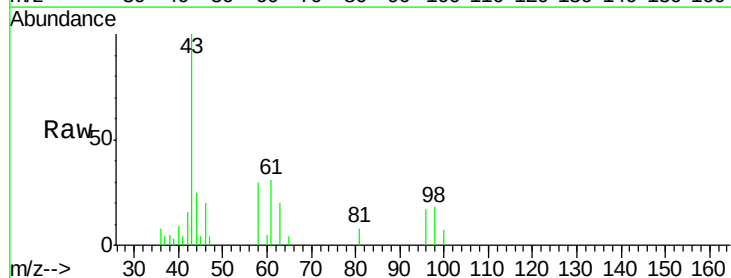


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

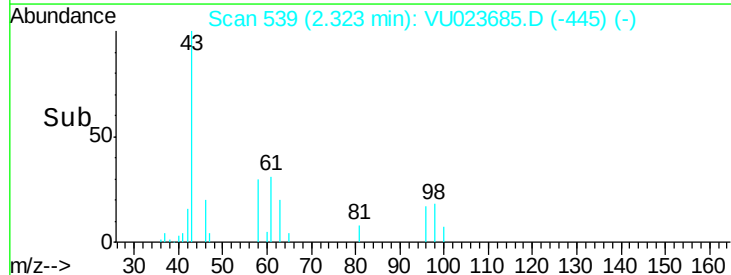
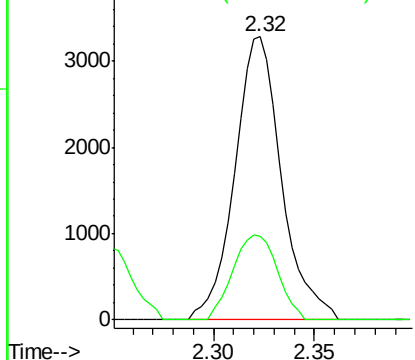


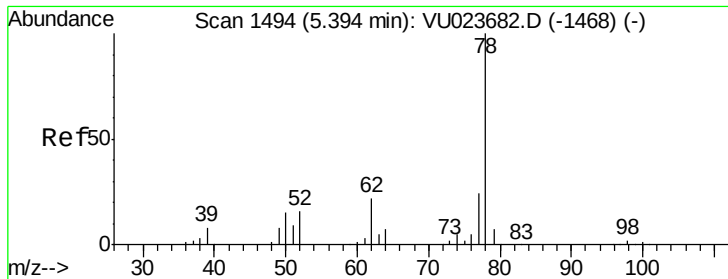
#13
 Acetone
 Concen: 2.537 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU023685.D
 Acq: 07 May 2018 11:58

Tgt Ion	43	Resp	5317
Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 39.841 ug/L

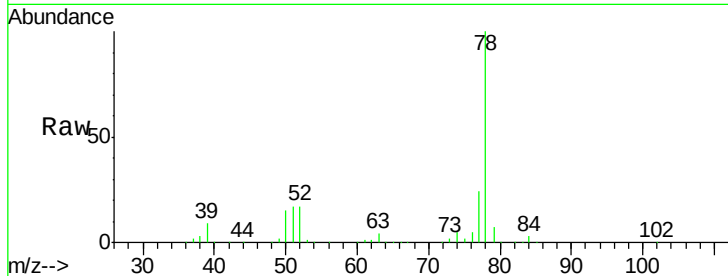
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

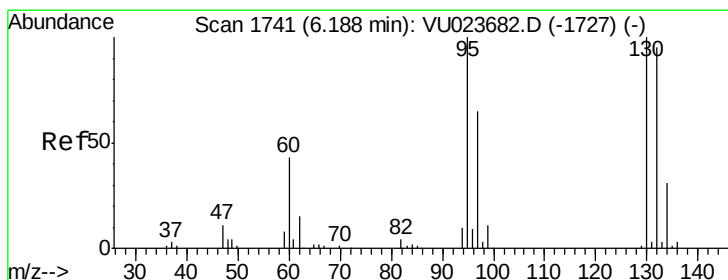
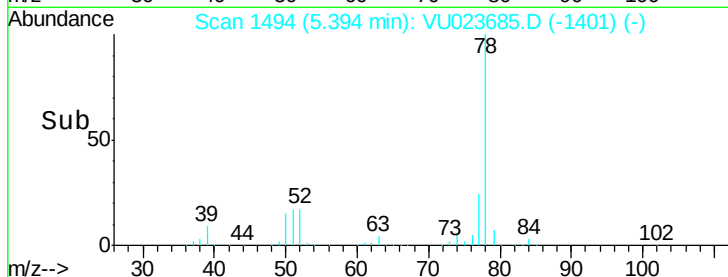
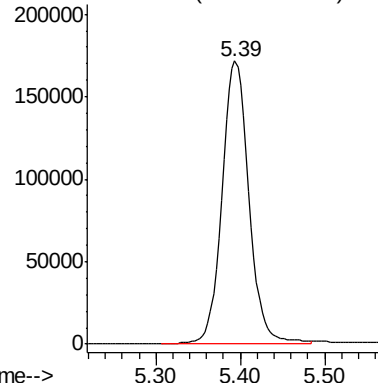
Lab File: VU023685.D

Acq: 07 May 2018 11:58

Tgt Ion: 78 Resp: 381720



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 39.089 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023685.D

Acq: 07 May 2018 11:58

Tgt Ion: 95 Resp: 95959

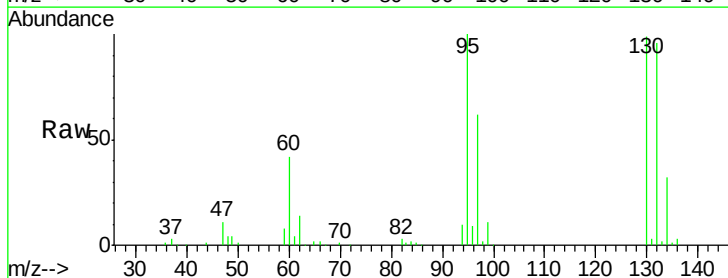
Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.3	85.9
132	96.0	68.5	127.1
130	99.1	70.8	131.4

95 100

97 62.0 46.3 85.9

132 96.0 68.5 127.1

130 99.1 70.8 131.4

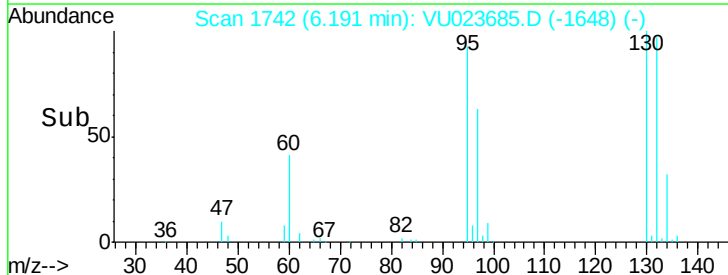
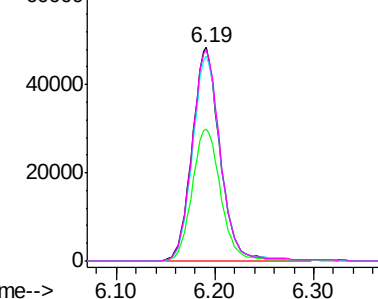


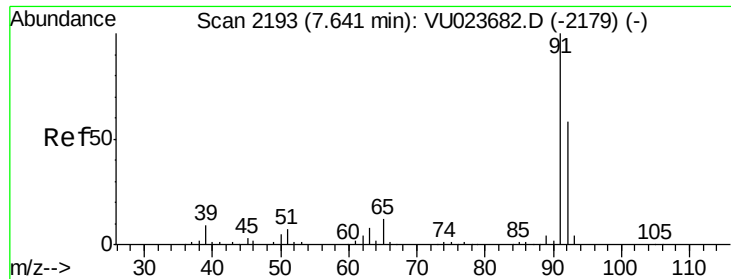
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 40.218 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023685.D

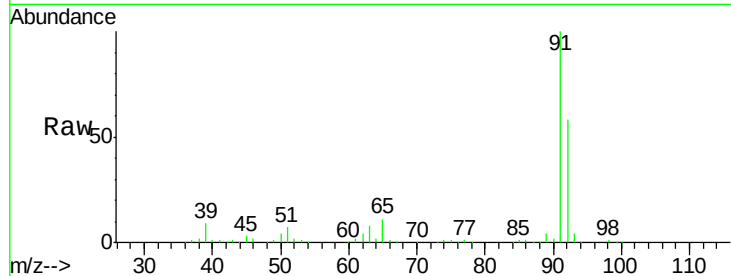
Acq: 07 May 2018 11:58

Tot Ion: 91 Resp: 399391

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU023685.D (-2179) (-)

Ion 92.00 (91.70 to 92.70): VU023685.D (-2179) (-)

7.64

250000

200000

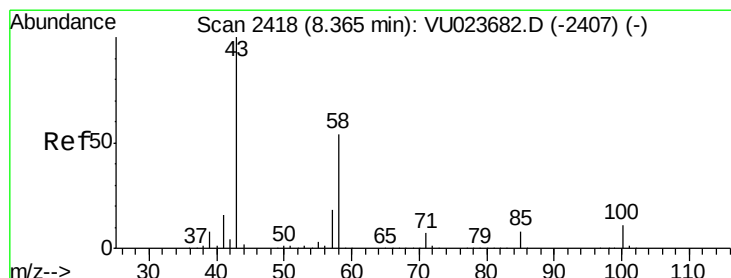
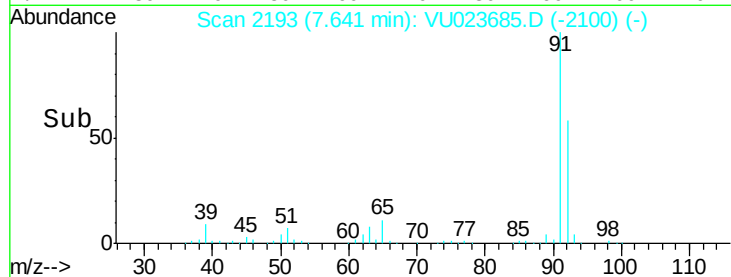
150000

100000

50000

0

Time-->



#48

2-Hexanone

Concen: 5.671 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU023685.D

Acq: 07 May 2018 11:58

Tgt Ion: 43 Resp: 16560

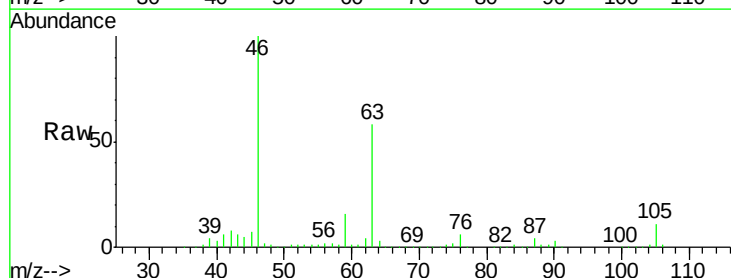
Ion Ratio Lower Upper

43 100

58 25.4 43.0 64.6#

57 27.1 14.6 22.0#

100 0.2 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VU023685.D (-2407) (-)

Ion 58.00 (57.70 to 58.70): VU023685.D (-2407) (-)

Ion 57.00 (56.70 to 57.70): VU023685.D (-2407) (-)

Ion 100.00 (99.70 to 100.70): VU023685.D (-2407) (-)

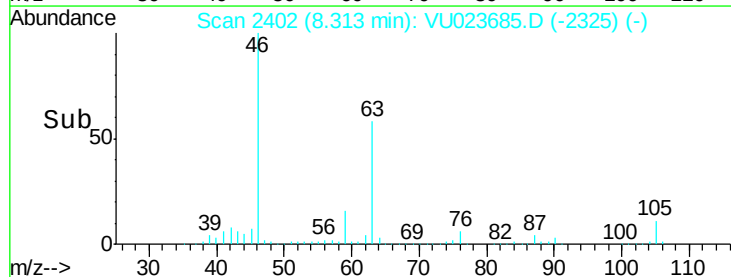
8.31

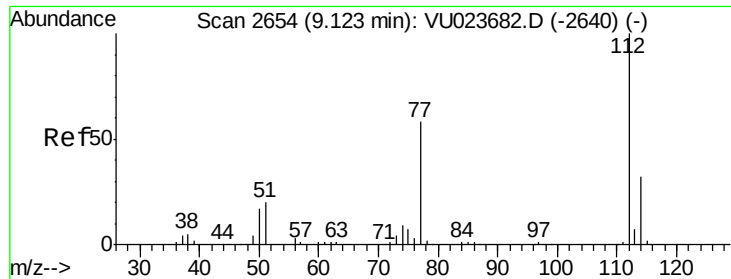
10000

5000

0

Time-->





#51

Chlorobenzene

Concen: 39.020 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023685.D

Acq: 07 May 2018 11:58

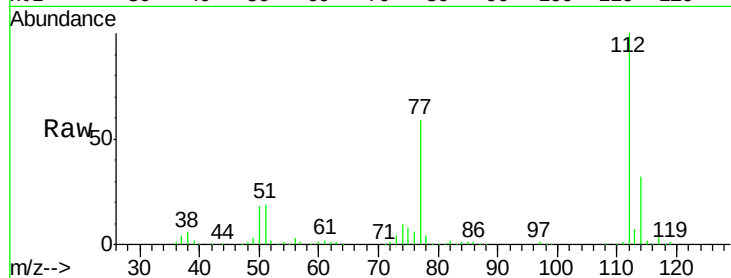
Tot Ion: 112 Resp: 258192

Ion Ratio Lower Upper

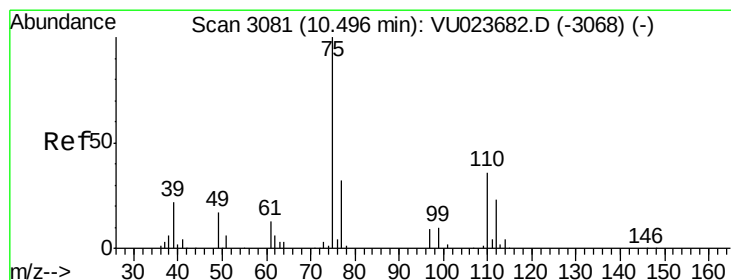
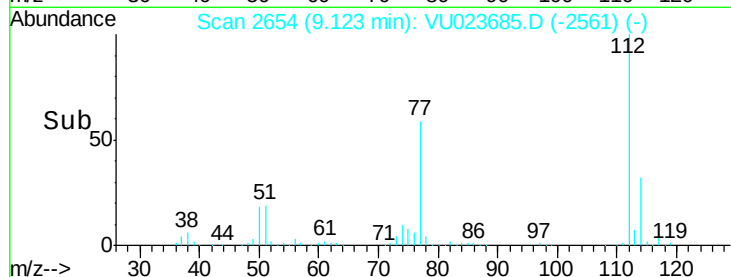
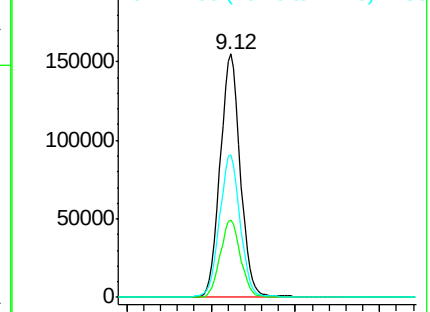
112 100

114 32.0 22.7 42.3

77 58.6 47.5 71.3



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 5.017 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023685.D

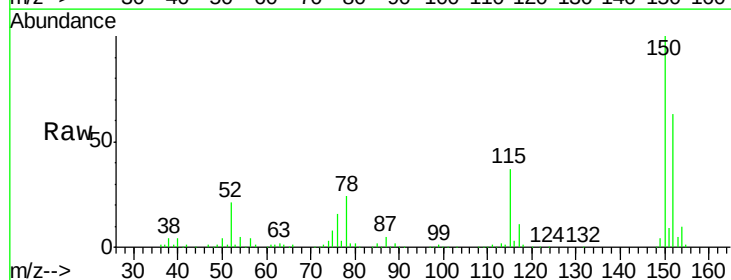
Acq: 07 May 2018 11:58

Tgt Ion: 75 Resp: 15209

Ion Ratio Lower Upper

75 100

77 35.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

