

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV051518\
 Data File : VV005920.D
 Acq On : 15 May 2018 17:19
 Operator : SY/MD
 Sample : J2905-01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:11:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 16 03:06:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	316270	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	309347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121947	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85001	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.58	69	77634	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.13	63	134228	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	3.96	46	199321	42.21	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.42%
24) Chloroform-d	4.41	84	191125	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	105593	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.11	84	341932	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.13	67	113931	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.37	98	296138	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	7.67	79	35839	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	8.14	63	117191	29.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69505	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	106402	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

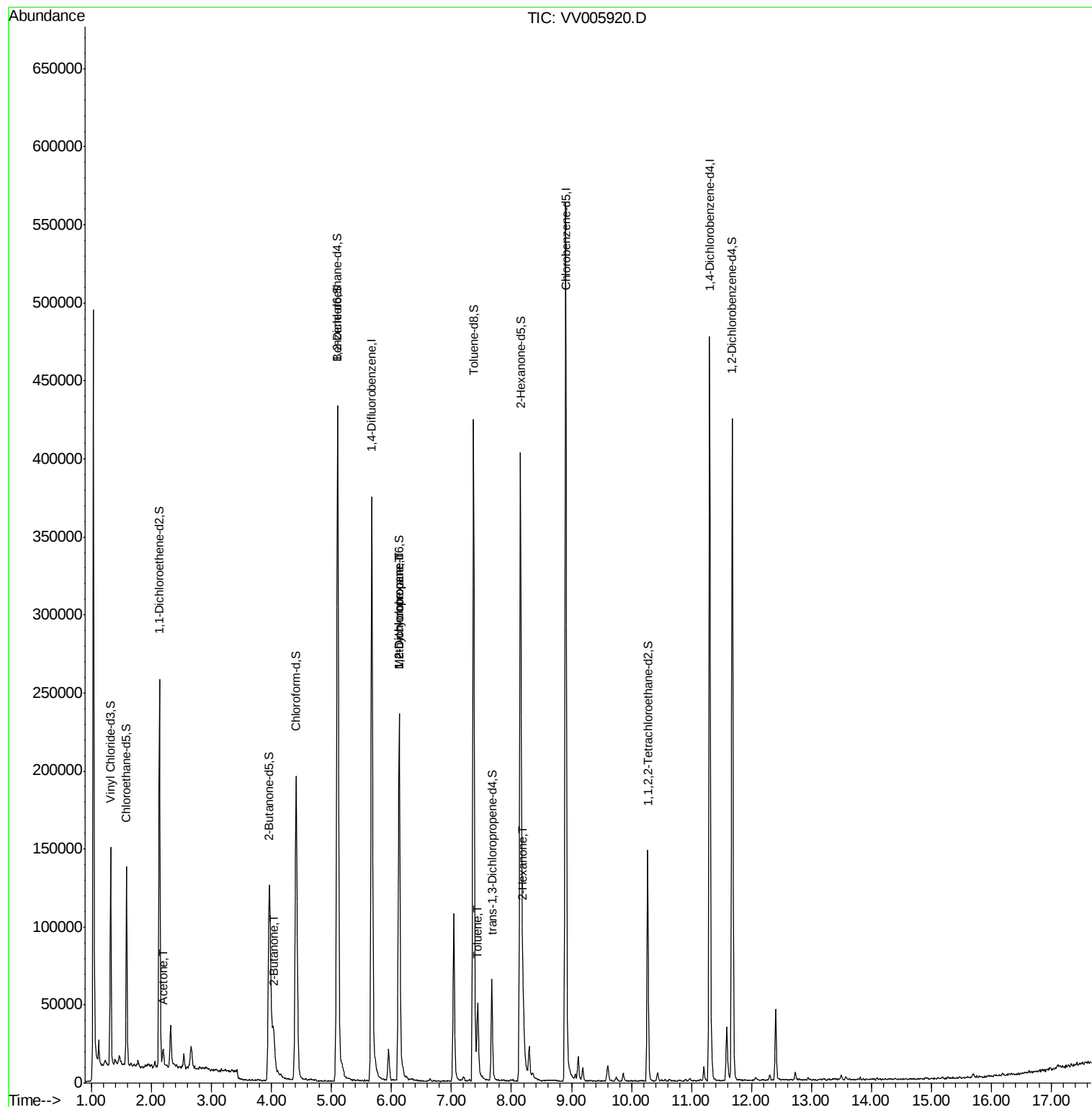
Target Compounds

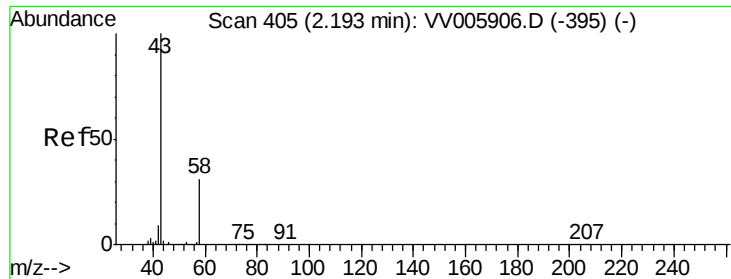
						Qvalue
13) Acetone	2.20	43	8871	2.22	ug/L	89
21) 2-Butanone	4.05	43	2057	0.38	ug/L	86
35) Methylcyclohexane	6.12	83	26712	0.74	ug/L #	17
37) 1,2-Dichloropropane	6.13	63	14152	0.64	ug/L #	88
42) Toluene	7.44	91	31666	0.32	ug/L	98
48) 2-Hexanone	8.19	43	23675	2.32	ug/L #	84

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

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#13

Acetone

Concen: 2.22 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005920.D

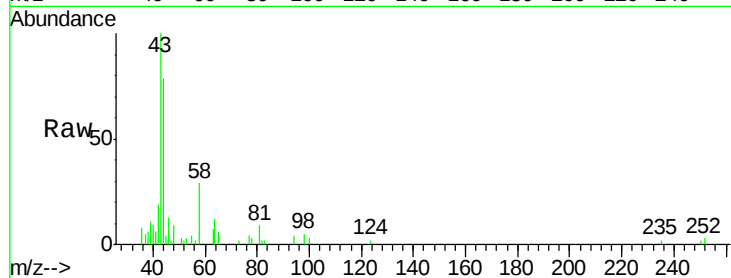
Acq: 15 May 2018 17:19

Tgt Ion: 43 Resp: 8871

Ion Ratio Lower Upper

43 100

58 34.8 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

6000

4000

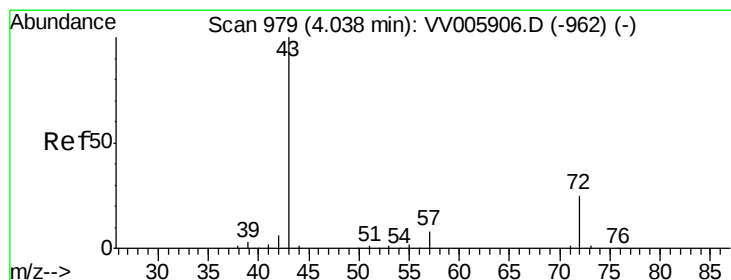
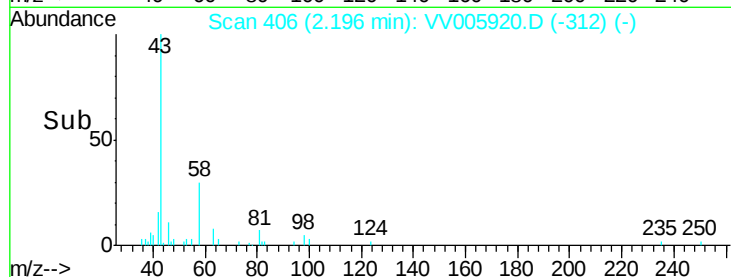
2000

0

Time-->

2.15 2.20 2.25

2.20



#21

2-Butanone

Concen: 0.38 ug/L

RT: 4.05 min Scan# 982

Delta R.T. 0.01 min

Lab File: VV005920.D

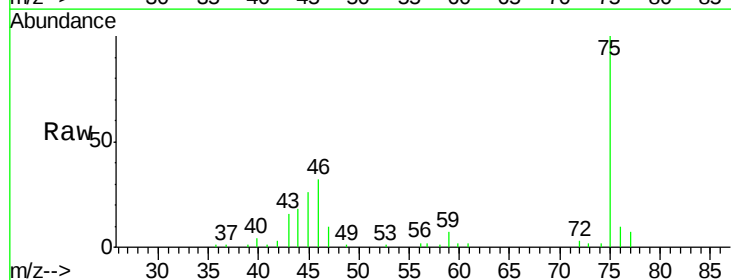
Acq: 15 May 2018 17:19

Tgt Ion: 43 Resp: 2057

Ion Ratio Lower Upper

43 100

72 19.3 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

2000

1500

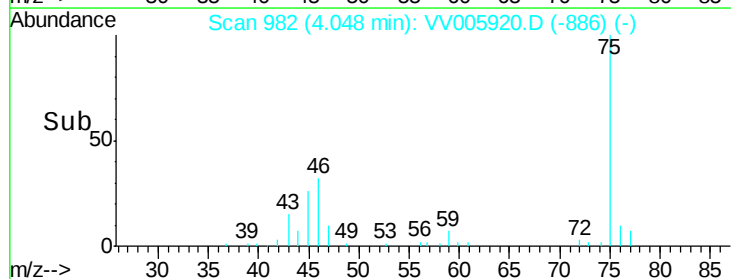
1000

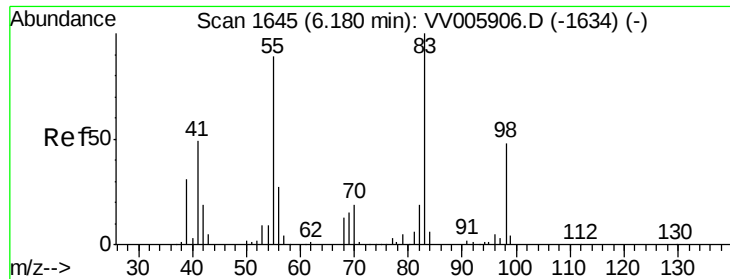
500

0

Time-->

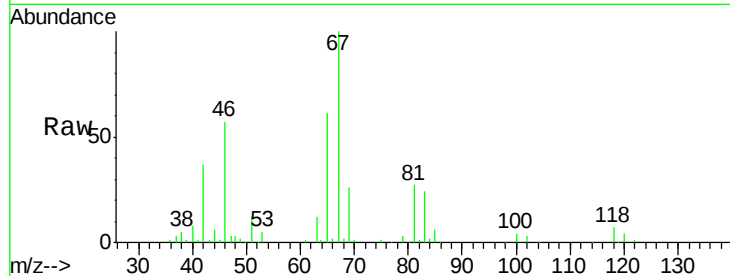
4.05 4.10



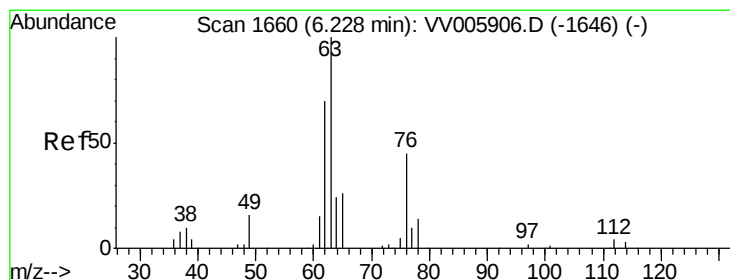
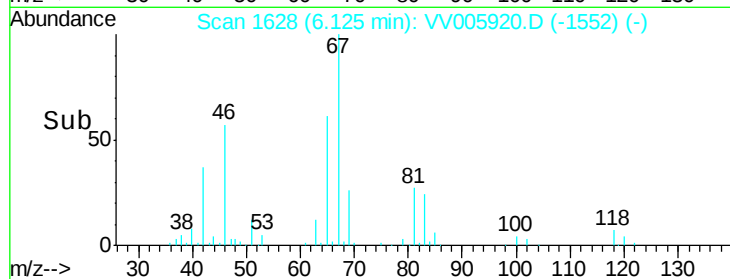
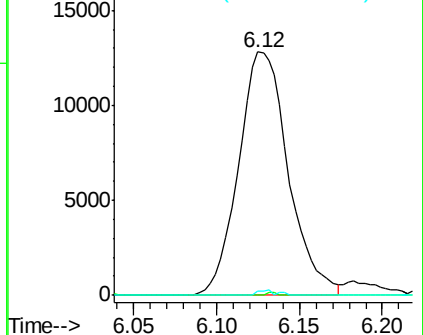


#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV005920.D
Acq: 15 May 2018 17:19

Tgt Ion: 83 Resp: 26712
Ion Ratio Lower Upper
83 100
55 0.2 64.1 96.1#
98 0.6 37.0 55.4#

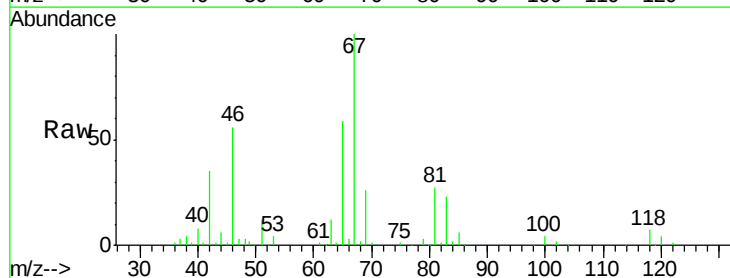


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

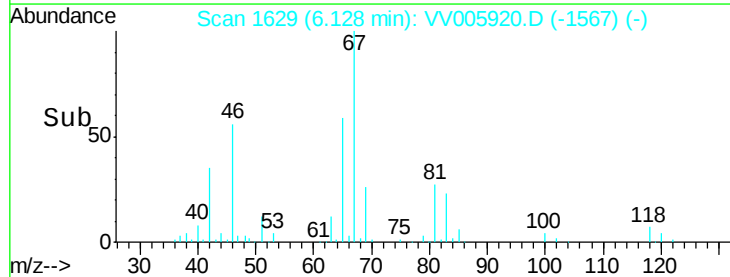
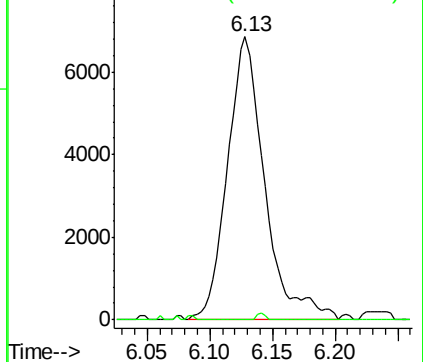


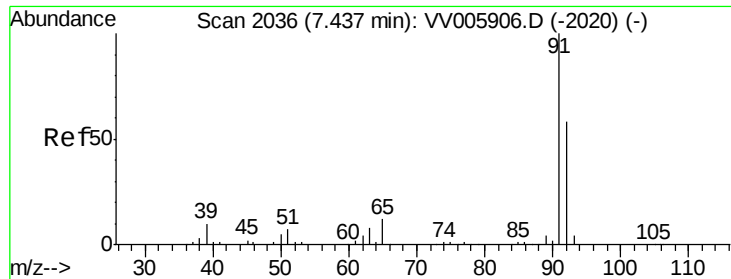
#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV005920.D
Acq: 15 May 2018 17:19

Tgt Ion: 63 Resp: 14152
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.32 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV005920.D

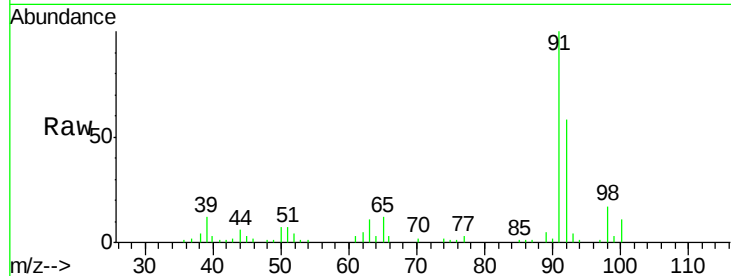
Acq: 15 May 2018 17:19

Tgt Ion: 91 Resp: 31666

Ion Ratio Lower Upper

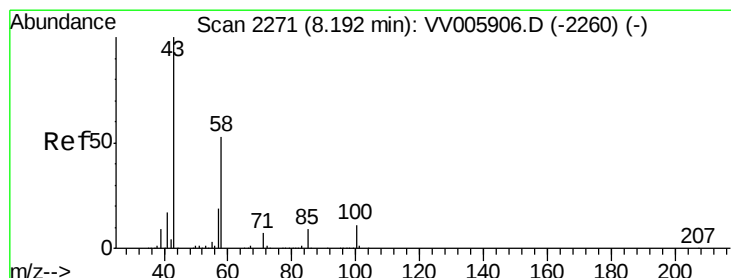
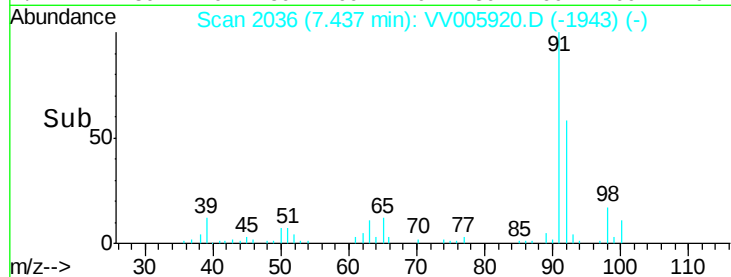
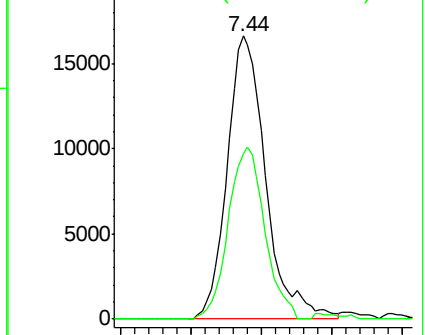
91 100

92 58.5 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 2.32 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV005920.D

Acq: 15 May 2018 17:19

Tgt Ion: 43 Resp: 23675

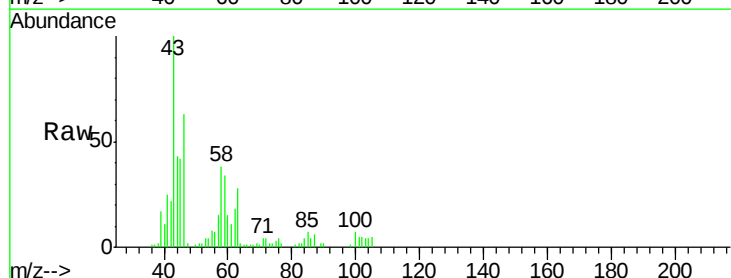
Ion Ratio Lower Upper

43 100

58 37.8 40.2 60.2#

57 13.5 14.6 22.0#

100 5.4 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

