

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV051518\
 Data File : VV005907.D
 Acq On : 15 May 2018 10:38
 Operator : SY/MD
 Sample : VV0515WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:07:25 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	291959	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119067	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.59	69	91392	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	176163	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.95	46	227029	52.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.16%
24) Chloroform-d	4.41	84	192779	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	115489	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.11	84	413152	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	126695	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.37	98	360283	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	43830	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	141180	38.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74849	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	117353	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

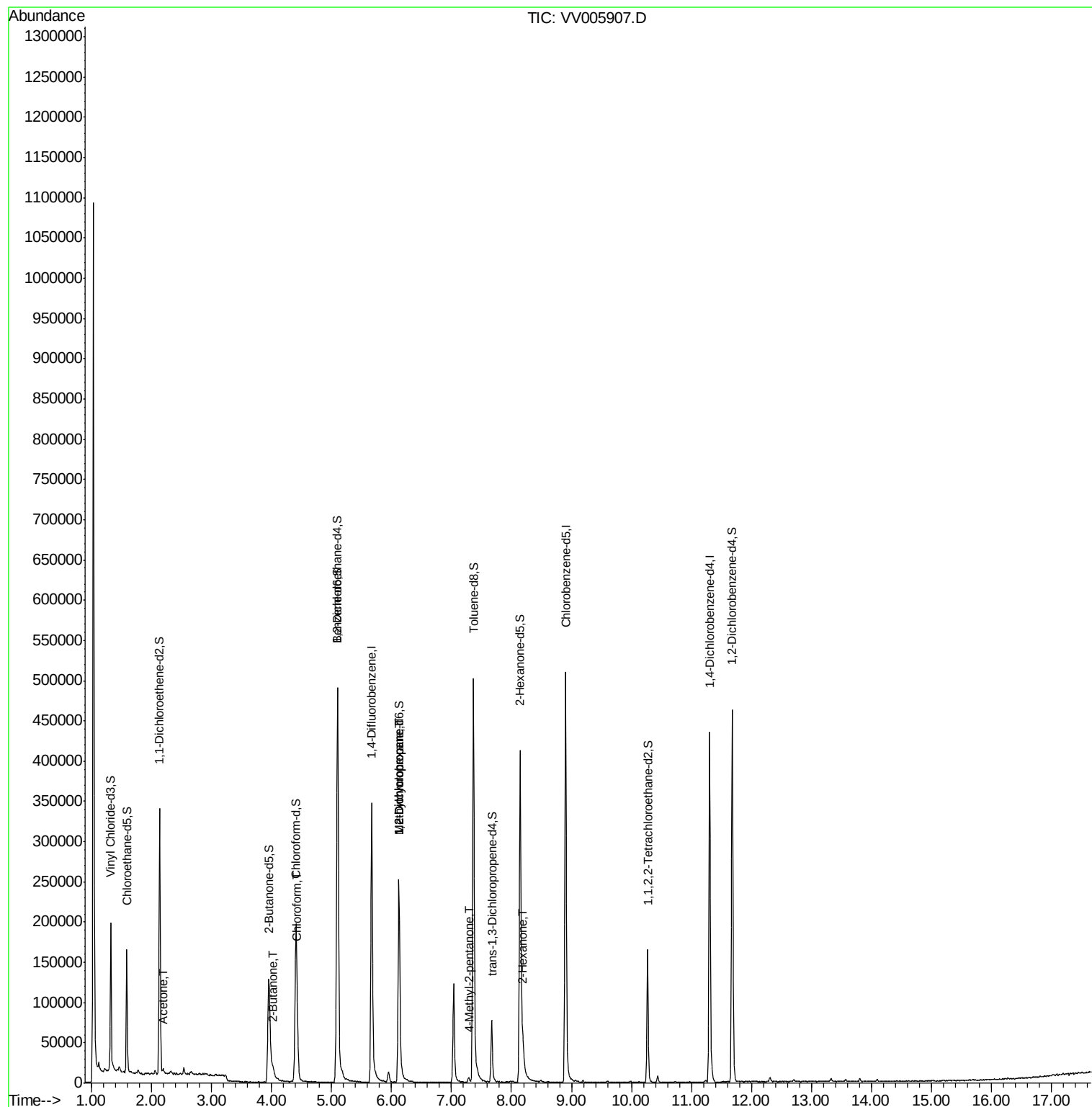
Target Compounds

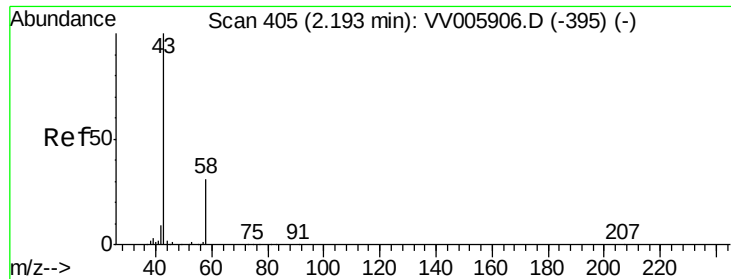
						Qvalue
13) Acetone	2.20	43	1901	0.51	ug/L	78
21) 2-Butanone	4.03	43	1776	0.35	ug/L	77
25) Chloroform	4.44	83	24300	0.52	ug/L	99
35) Methylcyclohexane	6.12	83	31245	0.94	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	15077	0.73	ug/L #	88
40) 4-Methyl-2-pentanone	7.29	43	4937	0.39	ug/L #	89
48) 2-Hexanone	8.19	43	22013	2.34	ug/L #	81

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

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#13

Acetone

Concen: 0.51 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

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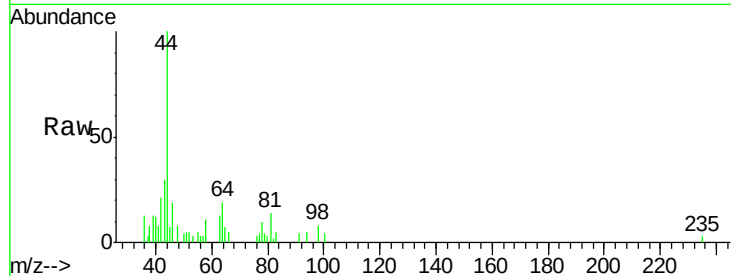
Acq: 15 May 2018 10:38

Tgt Ion: 43 Resp: 1901

Ion Ratio Lower Upper

43 100

58 40.4 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

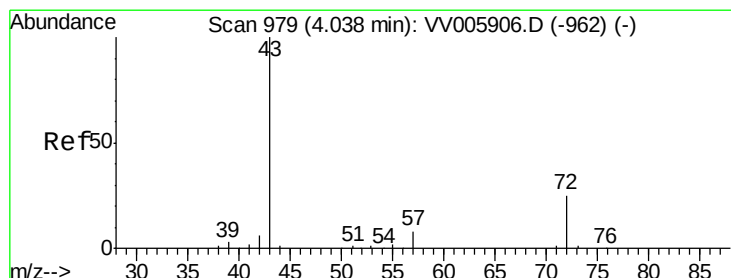
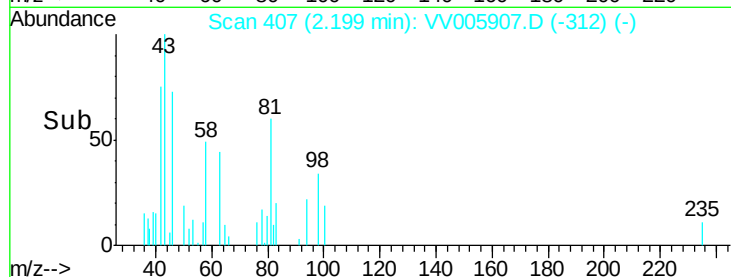
1000

500

0

Time-->

2.15 2.20 2.25



#21

2-Butanone

Concen: 0.35 ug/L

RT: 4.03 min Scan# 978

Delta R.T. -0.00 min

Lab File: VV005907.D

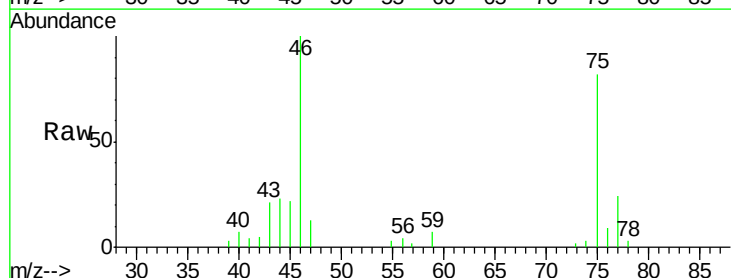
Acq: 15 May 2018 10:38

Tgt Ion: 43 Resp: 1776

Ion Ratio Lower Upper

43 100

72 14.4 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.03

1200

1000

800

600

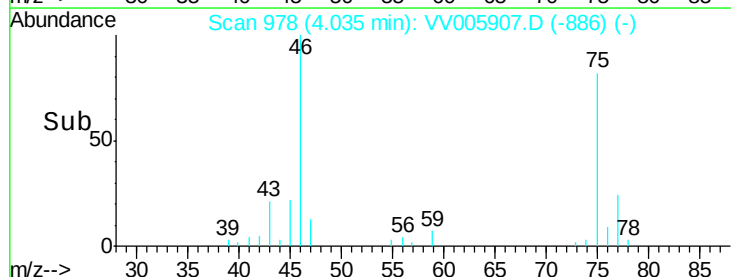
400

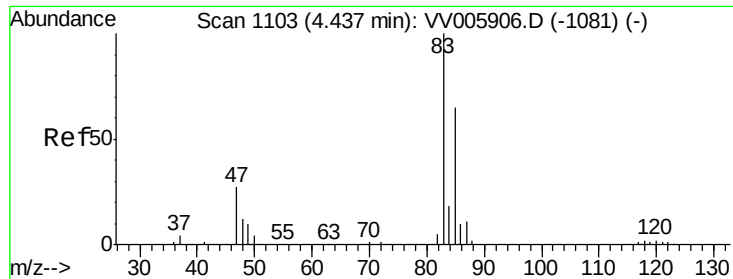
200

0

Time-->

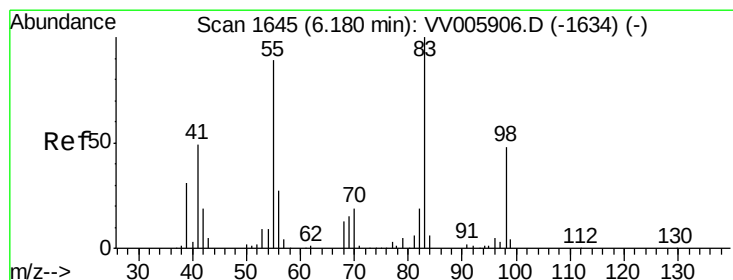
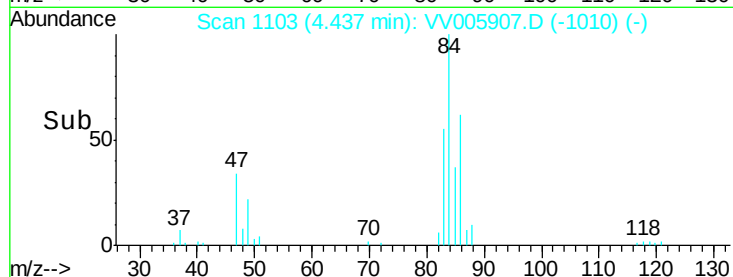
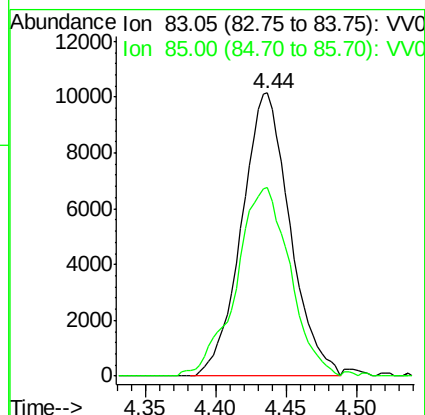
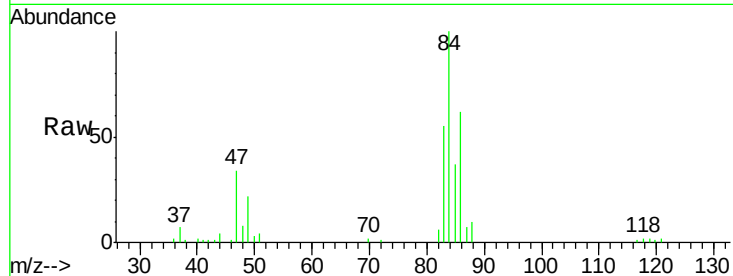
4.00 4.05 4.10





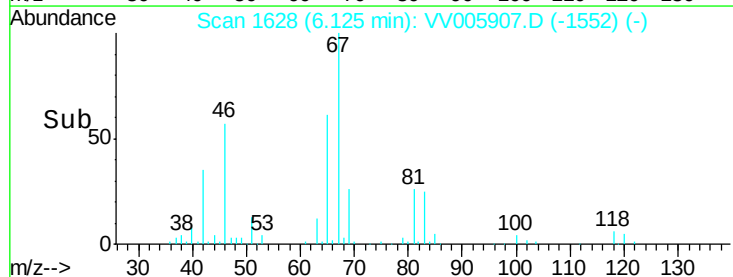
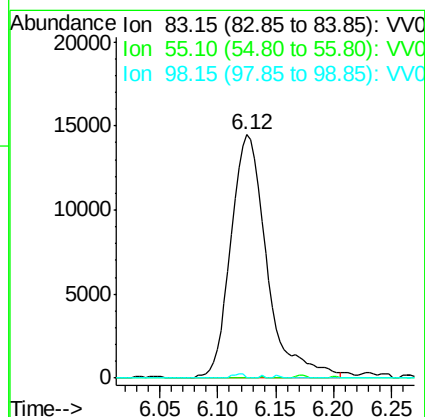
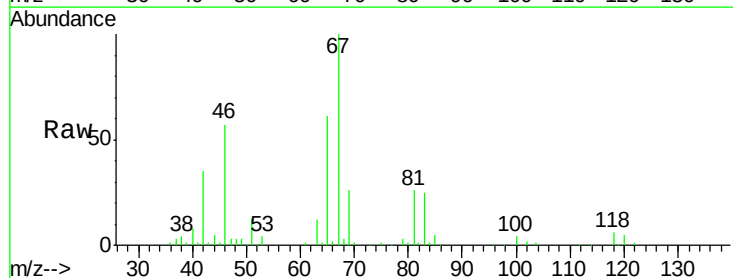
#25
Chloroform
Concen: 0.52 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VV005907.D
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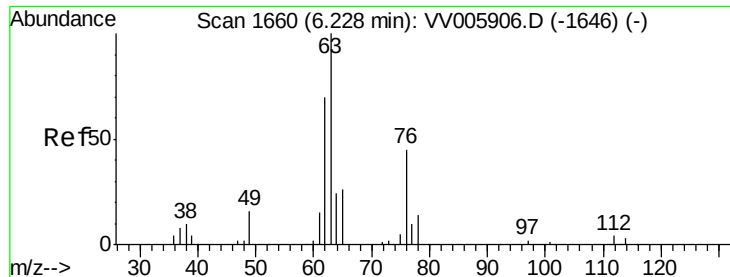
Tgt Ion: 83 Resp: 24300
Ion Ratio Lower Upper
83 100
85 66.5 47.1 87.5



#35
Methylcyclohexane
Concen: 0.94 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV005907.D
Acq: 15 May 2018 10:38

Tgt Ion: 83 Resp: 31245
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 0.5 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.73 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV005907.D

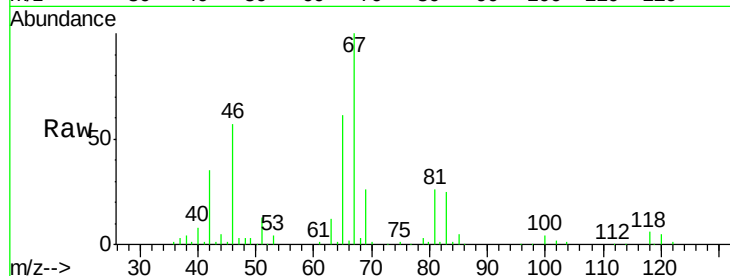
Acq: 15 May 2018 10:38

Tgt Ion: 63 Resp: 15077

Ion Ratio Lower Upper

63 100

112 0.5 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV005906.D (-1646) (-)

Ion 112.10 (111.80 to 112.80): VV005906.D (-1646) (-)

8000

6000

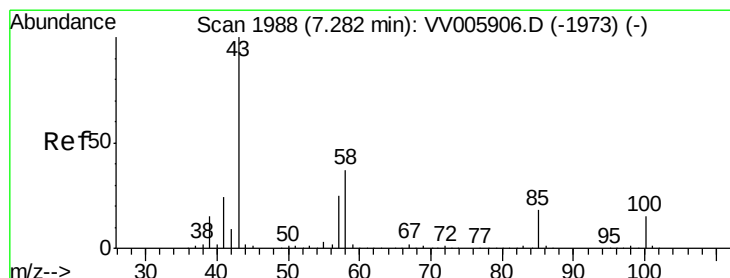
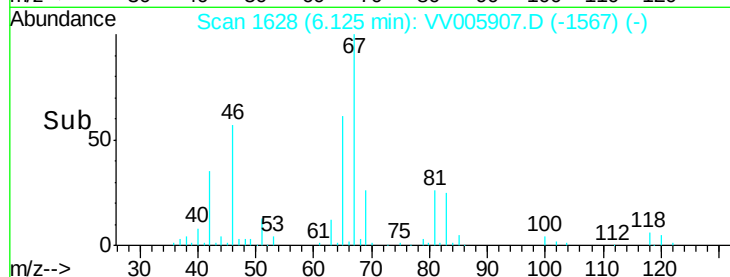
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#40

4-Methyl-2-pentanone

Concen: 0.39 ug/L

RT: 7.29 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VV005907.D

Acq: 15 May 2018 10:38

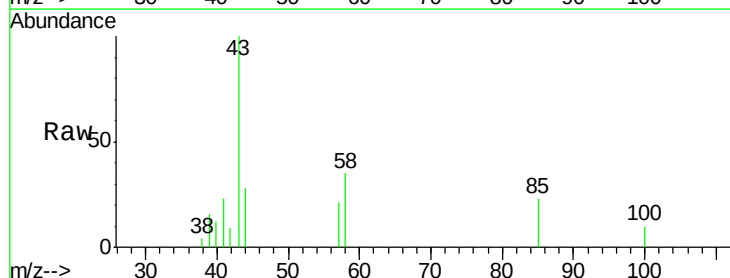
Tgt Ion: 43 Resp: 4937

Ion Ratio Lower Upper

43 100

58 33.0 28.2 42.4

100 0.0 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VV005906.D (-1973) (-)

Ion 58.05 (57.75 to 58.75): VV005906.D (-1973) (-)

Ion 100.15 (99.85 to 100.85): VV005906.D (-1973) (-)

150000

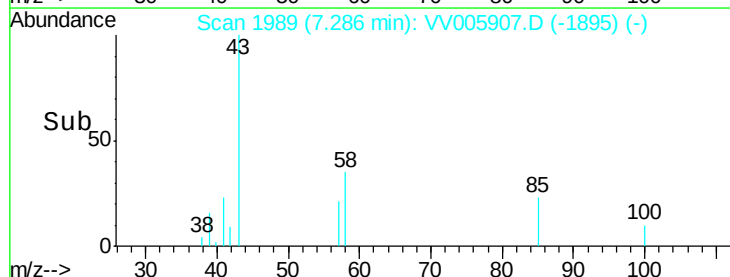
100000

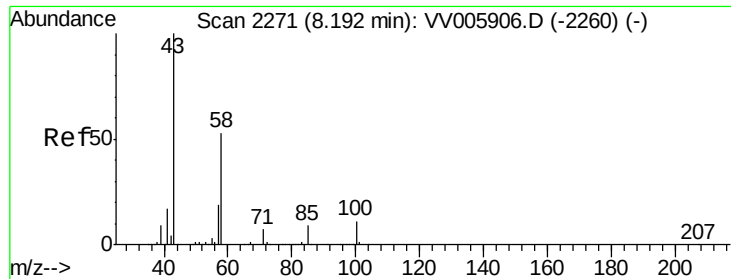
50000

0

7.25 7.30 7.35

Time-->





#48
 2-Hexanone
 Concen: 2.34 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV005907.D
 Acq: 15 May 2018 10:38

Tgt Ion:	43	Resp:	22013
Ion	Ratio	Lower	Upper
43	100		
58	34.2	40.2	60.2#
57	14.1	14.6	22.0#
100	3.6	8.6	12.8#

