

Data File : VV009663.D
Acq On : 14 Mar 2019 14:07
Operator : SY/MD
Sample : K1838-18
Misc : 5.96G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF180

Quant Time: Mar 15 04:33:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	98685	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95243	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17670	14.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.00%
7) Chloroethane-d5	1.56	69	20742	13.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.28%
10) 1,1-Dichloroethene-d2	2.13	63	38459	11.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.08%
20) 2-Butanone-d5	3.93	46	29735	89.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.92%#
24) Chloroform-d	4.40	84	46425	18.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	5.08	65	35249	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
29) Benzene-d6	5.10	84	92499	18.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.08%
33) 1,2-Dichloropropane-d6	6.12	67	32217	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.28%
37) Toluene-d8	7.36	98	82769	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.48%
38) trans-1,3-Dichloropropene-	7.66	79	13434	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.12%
39) 2-Hexanone-d5	8.13	63	21171	78.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.52%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44992	32.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.20%#
61) 1,2-Dichlorobenzene-d4	11.68	152	35095	21.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.12%

Target Compounds

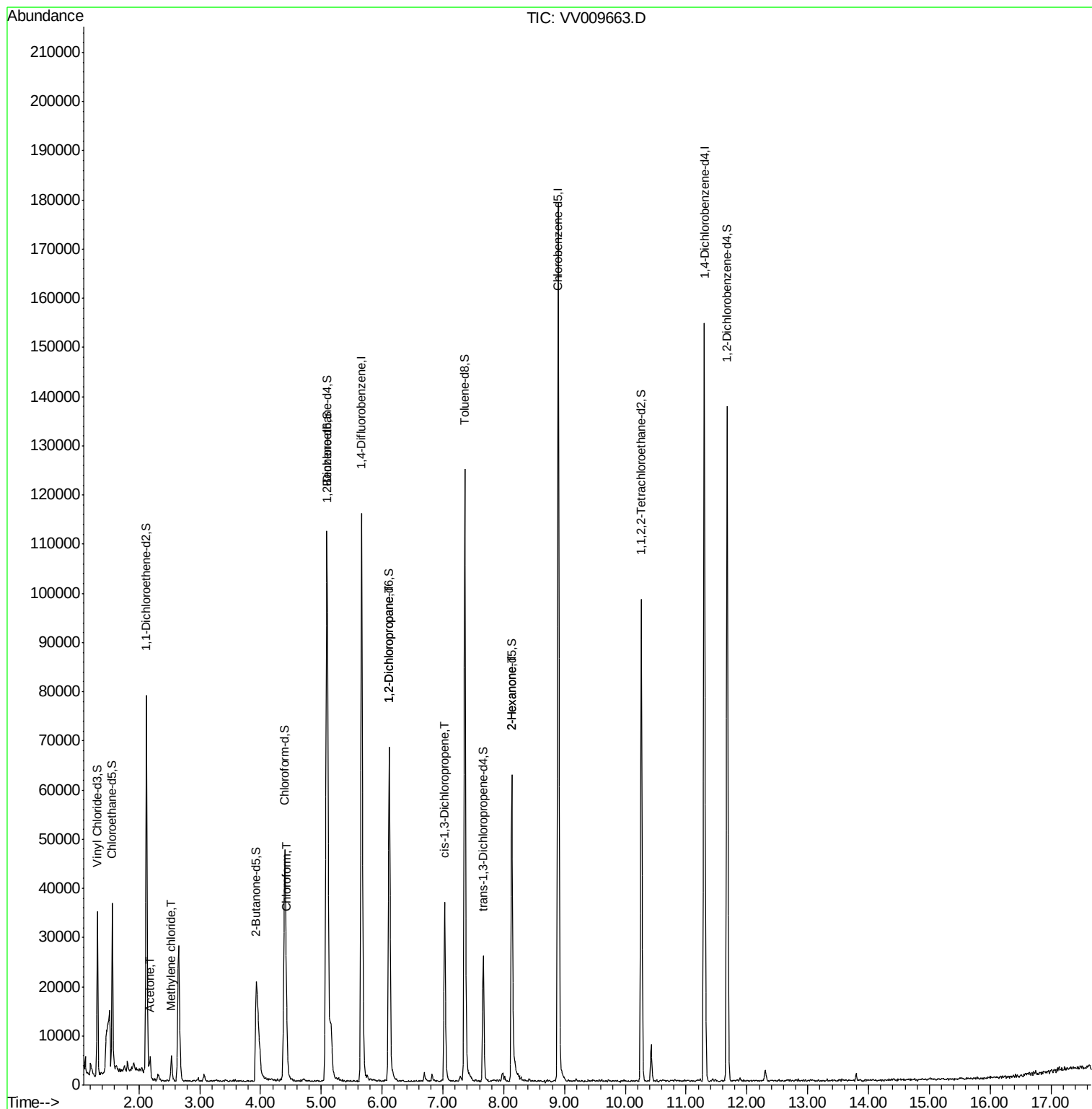
					Qvalue
13) Acetone	2.19	43	1738	4.362 ug/L	82
16) Methylene chloride	2.54	84	2007	1.397 ug/L	86
25) Chloroform	4.43	83	6104	2.381 ug/L	84
40) 1,2-Dichloropropane	6.12	63	3791	2.890 ug/L #	88
42) cis-1,3-Dichloropropene	7.04	75	1011	0.508 ug/L #	40
49) 2-Hexanone	8.13	43	2644	3.925 ug/L #	57

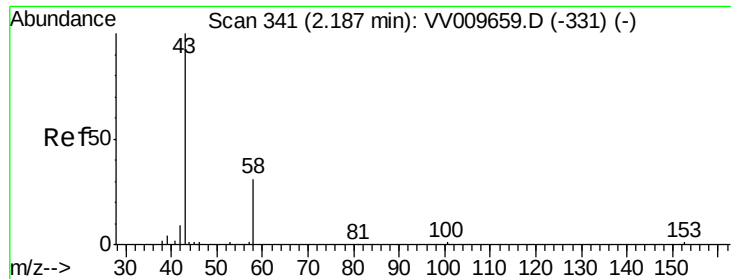
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.362 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV009663.D

Acq: 14 Mar 2019 14:07

Instrument :

MSVOA_V

ClientSampled :

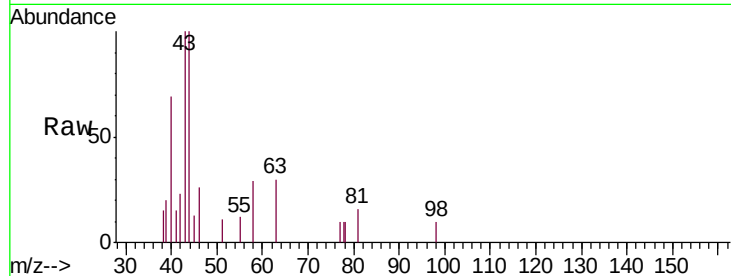
BF180

Tgt Ion: 43 Resp: 1738

Ion Ratio Lower Upper

43 100

58 22.0 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009659.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009659.D (-331) (-)

2.19

1200

1000

800

600

400

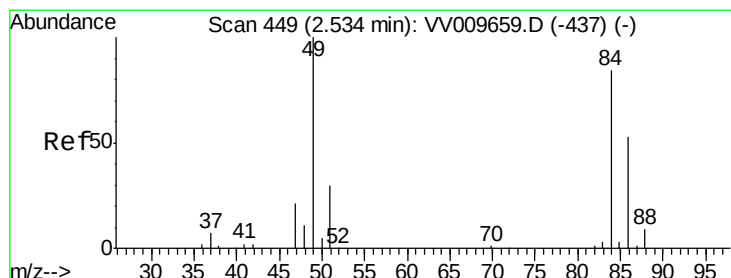
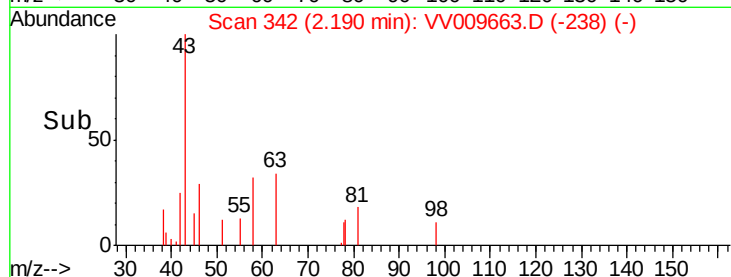
200

0

Time-->

2.15

2.20



#16

Methylene chloride

Concen: 1.397 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009663.D

Acq: 14 Mar 2019 14:07

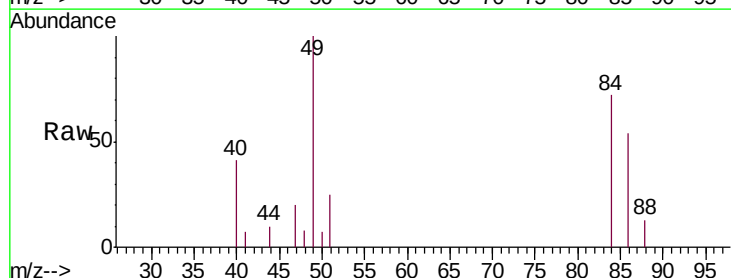
Tgt Ion: 84 Resp: 2007

Ion Ratio Lower Upper

84 100

49 139.5 86.1 159.9

86 75.5 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009659.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009659.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009659.D (-437) (-)

2000

1500

1000

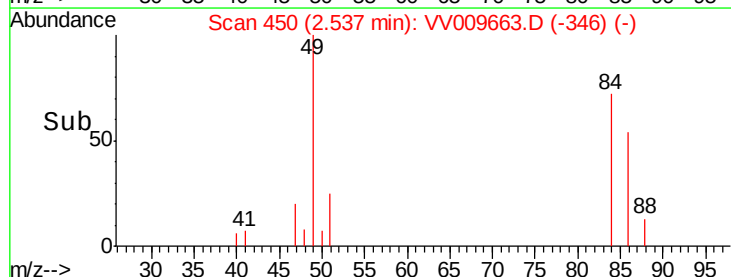
500

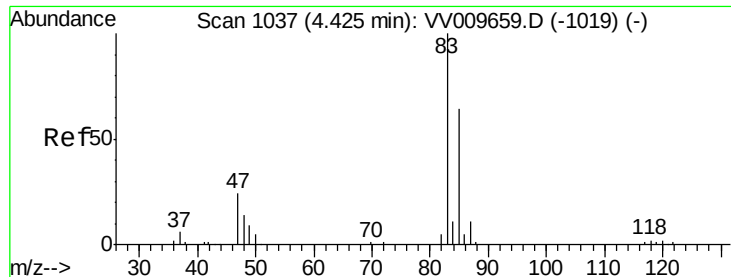
0

Time-->

2.50

2.55

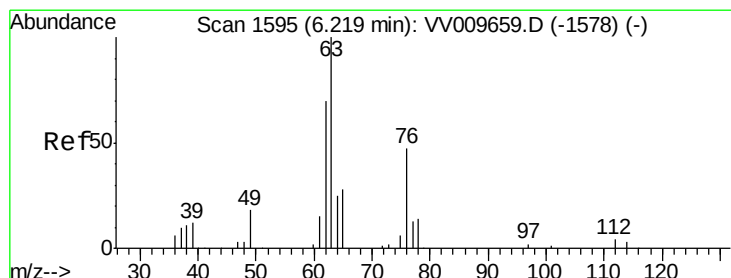
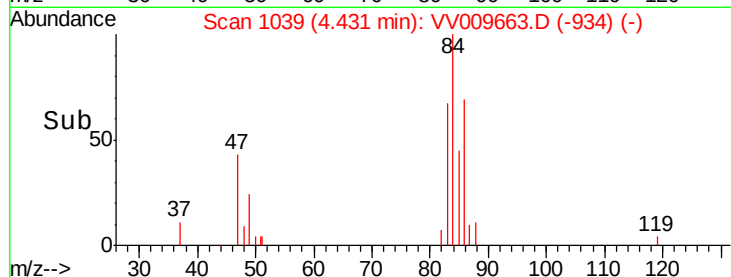
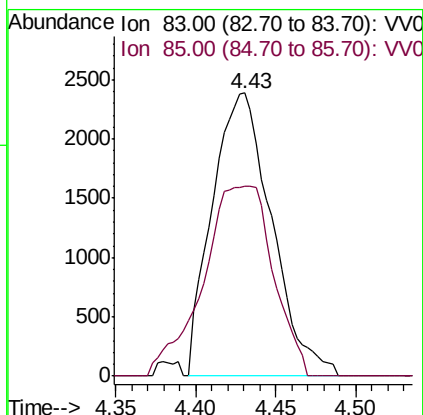
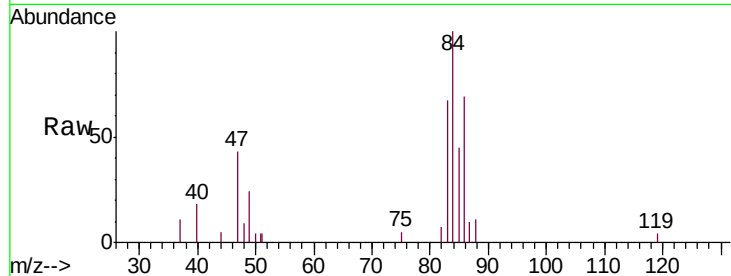




#25
Chloroform
Concen: 2.381 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009663.D
Acq: 14 Mar 2019 14:07

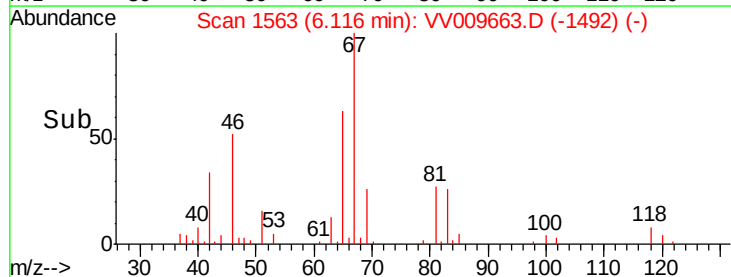
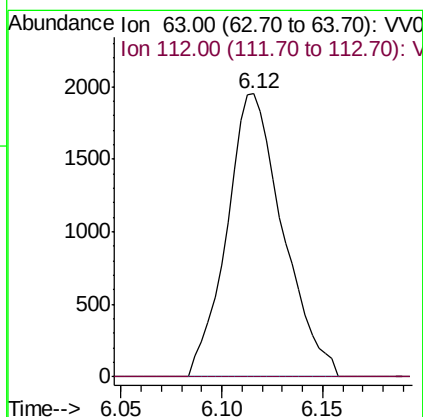
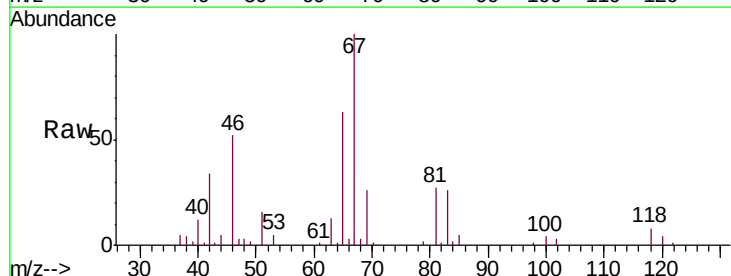
Instrument :
MSVOA_V
ClientSampled :
BF180

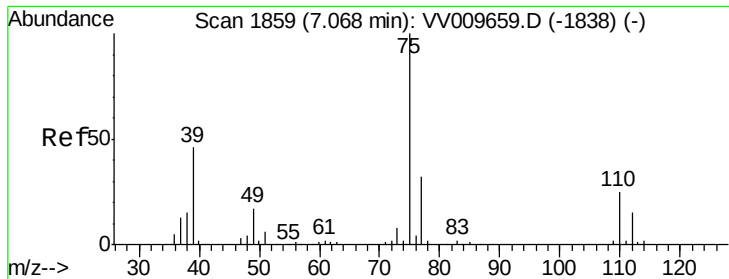
Tgt Ion: 83 Resp: 6104
Ion Ratio Lower Upper
83 100
85 79.1 46.4 86.2



#40
1,2-Dichloropropane
Concen: 2.890 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009663.D
Acq: 14 Mar 2019 14:07

Tgt Ion: 63 Resp: 3791
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#42

cis-1,3-Dichloropropene

Concen: 0.508 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.03 min

Lab File: VV009663.D

Acq: 14 Mar 2019 14:07

Instrument :

MSVOA_V

ClientSampleId :

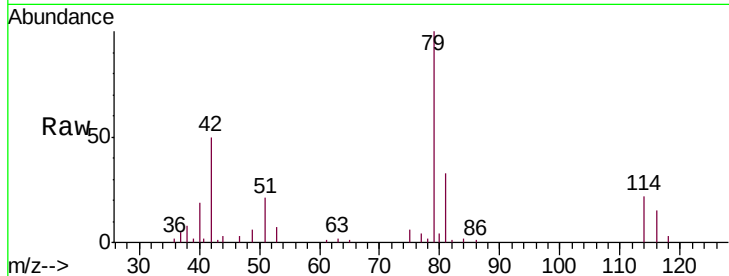
BF180

Tgt Ion: 75 Resp: 1011

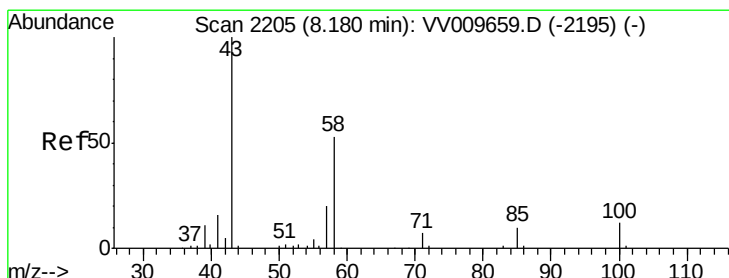
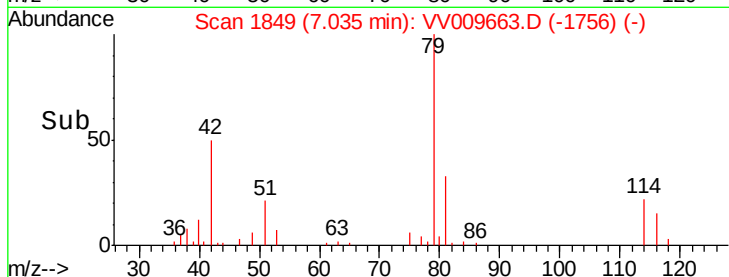
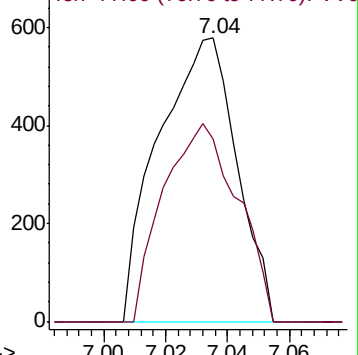
Ion Ratio Lower Upper

75 100

77 64.4 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV009659.D (-1838) (-)



#49

2-Hexanone

Concen: 3.925 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV009663.D

Acq: 14 Mar 2019 14:07

Tgt Ion: 43 Resp: 2644

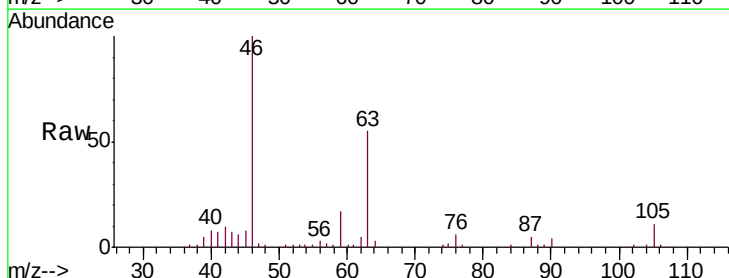
Ion Ratio Lower Upper

43 100

58 17.7 44.9 67.3#

57 27.3 14.5 21.7#

100 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VV009659.D (-2195) (-)

