

Data File : VV012846.D
Acq On : 16 Sep 2019 19:36
Operator : SY/MD
Sample : K4682-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 17 07:26:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	382488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	386907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130363	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	105314	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.13	63	167451	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.97	46	231637	63.26	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.52%
24) Chloroform-d	4.40	84	199775	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	101689	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	408222	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	125396	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	327802	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.66	79	37779	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	103490	44.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69223	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	113184	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

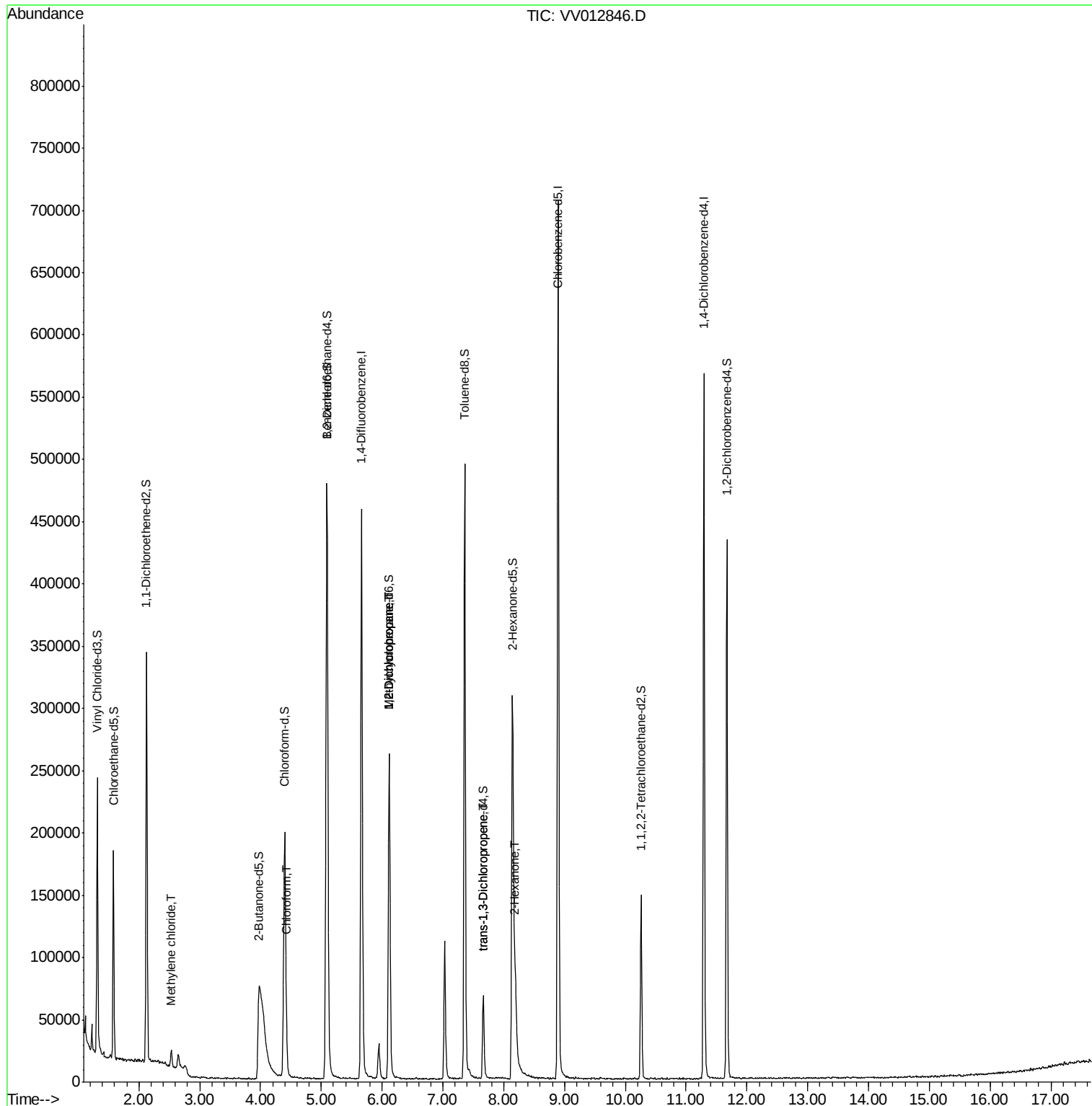
					Qvalue
16) Methylene chloride	2.53	84	5759	0.232 ug/L	95
25) Chloroform	4.43	83	10682	0.204 ug/L	90
35) Methylcyclohexane	6.12	83	30845	0.900 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13383	0.509 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2005	0.077 ug/L	86
48) 2-Hexanone	8.19	43	48221	4.349 ug/L #	87

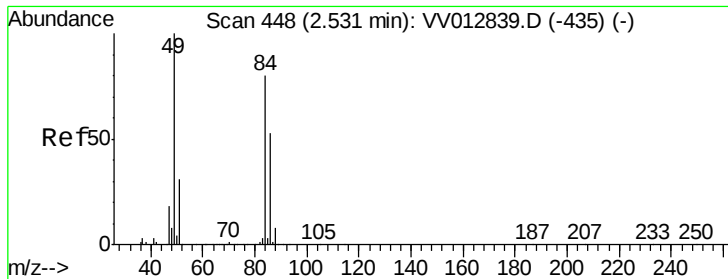
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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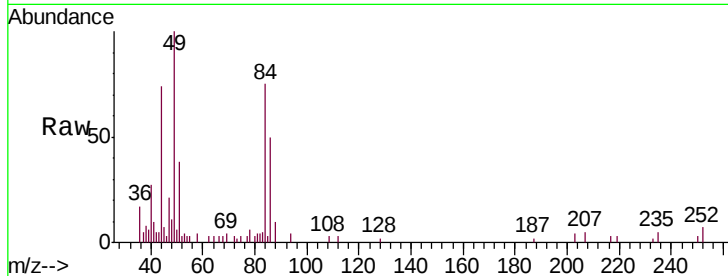




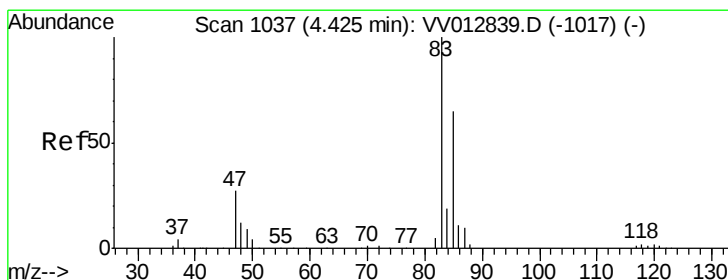
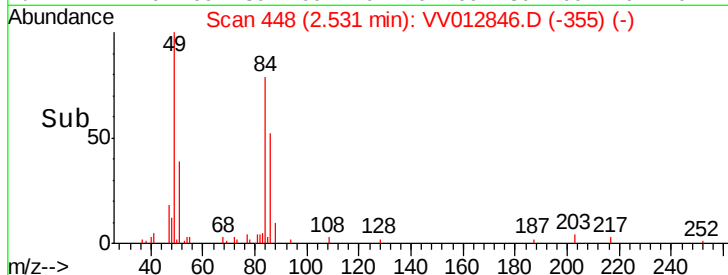
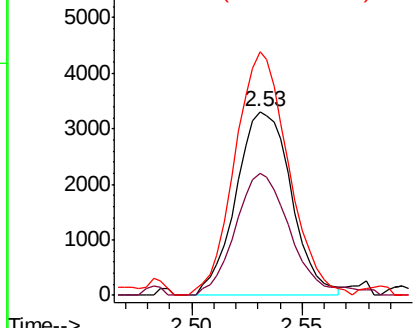
#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012846.D
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 5759
Ion Ratio Lower Upper
84 100
86 66.7 45.4 84.4
49 132.7 88.0 163.4

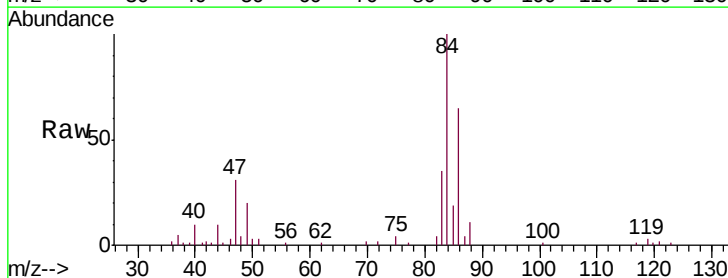


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

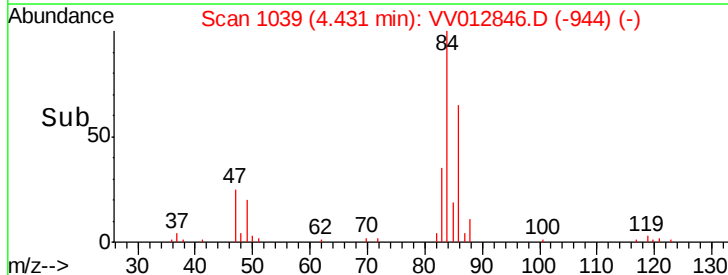
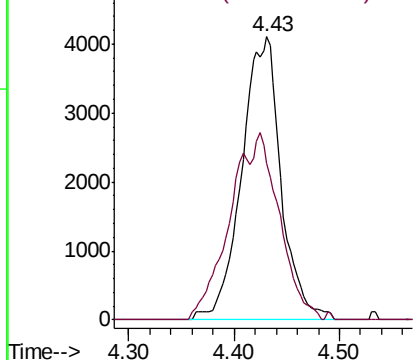


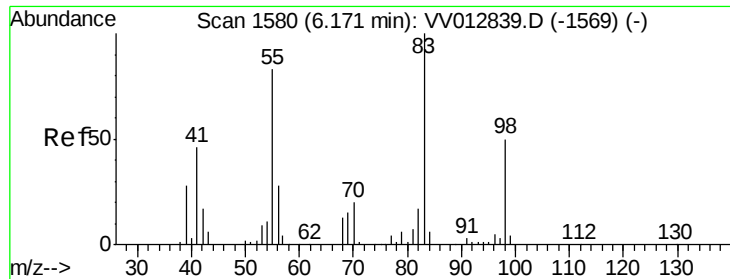
#25
Chloroform
Concen: 0.204 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012846.D
Acq: 16 Sep 2019 19:36

Tgt Ion: 83 Resp: 10682
Ion Ratio Lower Upper
83 100
85 55.5 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 0.900 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012846.D

Acq: 16 Sep 2019 19:36

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

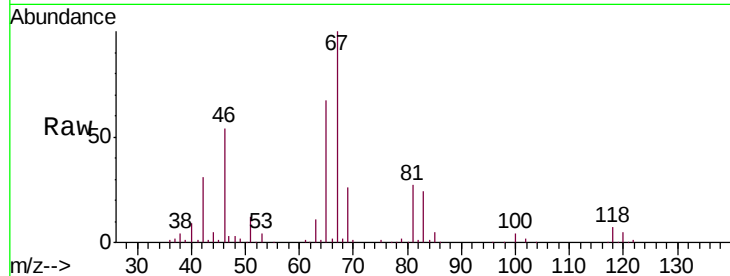
Tgt Ion: 83 Resp: 30845

Ion Ratio Lower Upper

83 100

55 0.4 65.4 98.2#

98 0.9 39.0 58.4#

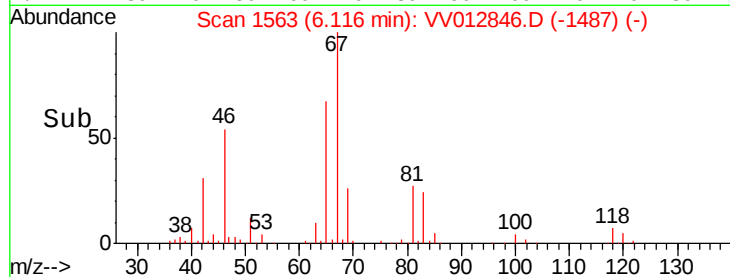


Abundance Ion 83.15 (82.85 to 83.85): VV012839.D (-1569) (-)

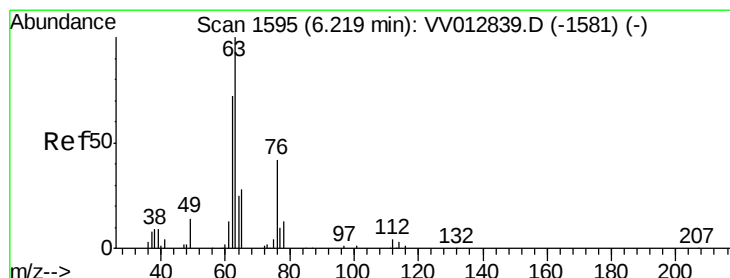
Ion 55.10 (54.80 to 55.80): VV012839.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV012839.D (-1569) (-)

Time-->



Time-->



#37

1,2-Dichloropropane

Concen: 0.509 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012846.D

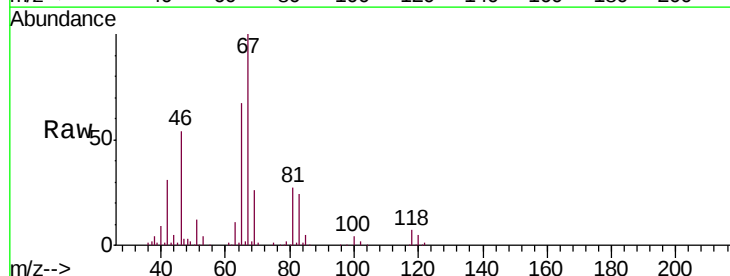
Acq: 16 Sep 2019 19:36

Tgt Ion: 63 Resp: 13383

Ion Ratio Lower Upper

63 100

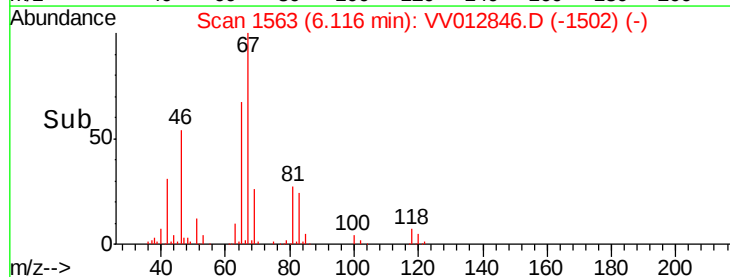
112 0.5 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV012839.D (-1581) (-)

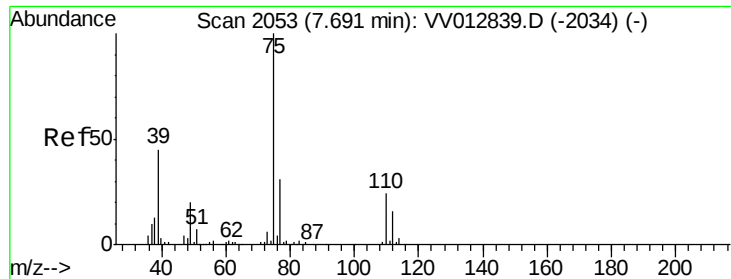
Ion 112.10 (111.80 to 112.80): VV012839.D (-1581) (-)

Time-->



Time-->

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012846.D

Acq: 16 Sep 2019 19:36

Instrument :

MSVOA_V

ClientSampled :

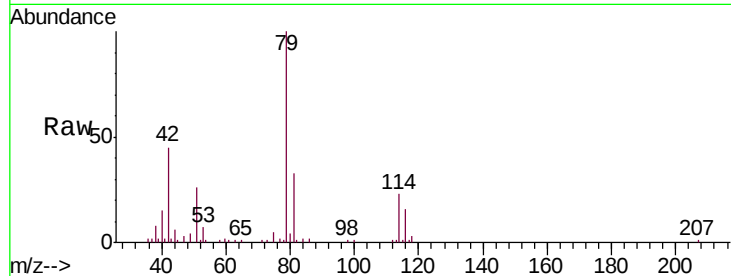
VHBLK01

Tgt Ion: 75 Resp: 2005

Ion Ratio Lower Upper

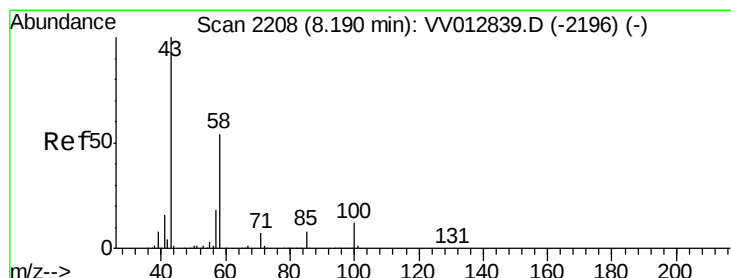
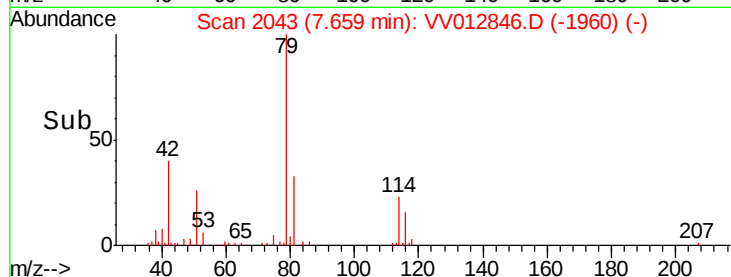
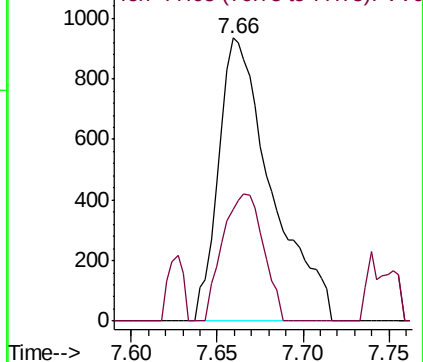
75 100

77 39.4 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 4.349 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV012846.D

Acq: 16 Sep 2019 19:36

Tgt Ion: 43 Resp: 48221

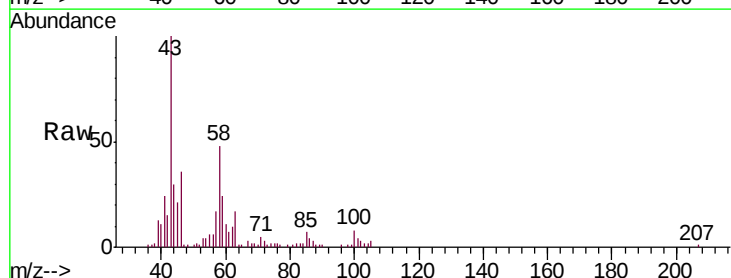
Ion Ratio Lower Upper

43 100

58 46.0 44.8 67.2

57 13.5 15.0 22.6#

100 7.2 8.8 13.2#



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

