

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015578.D
 Acq On : 20 Apr 2020 13:22
 Operator : SY/MD
 Sample : L2333-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 21 00:09:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	94400	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88613	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	41985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	20337	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	21076	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	29646	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	3.94	46	74327	54.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.08%
24) Chloroform-d	4.38	84	51219	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	29743	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	94978	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	30536	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	84291	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.65	79	7724	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.11	63	53262	41.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22263	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	32047	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

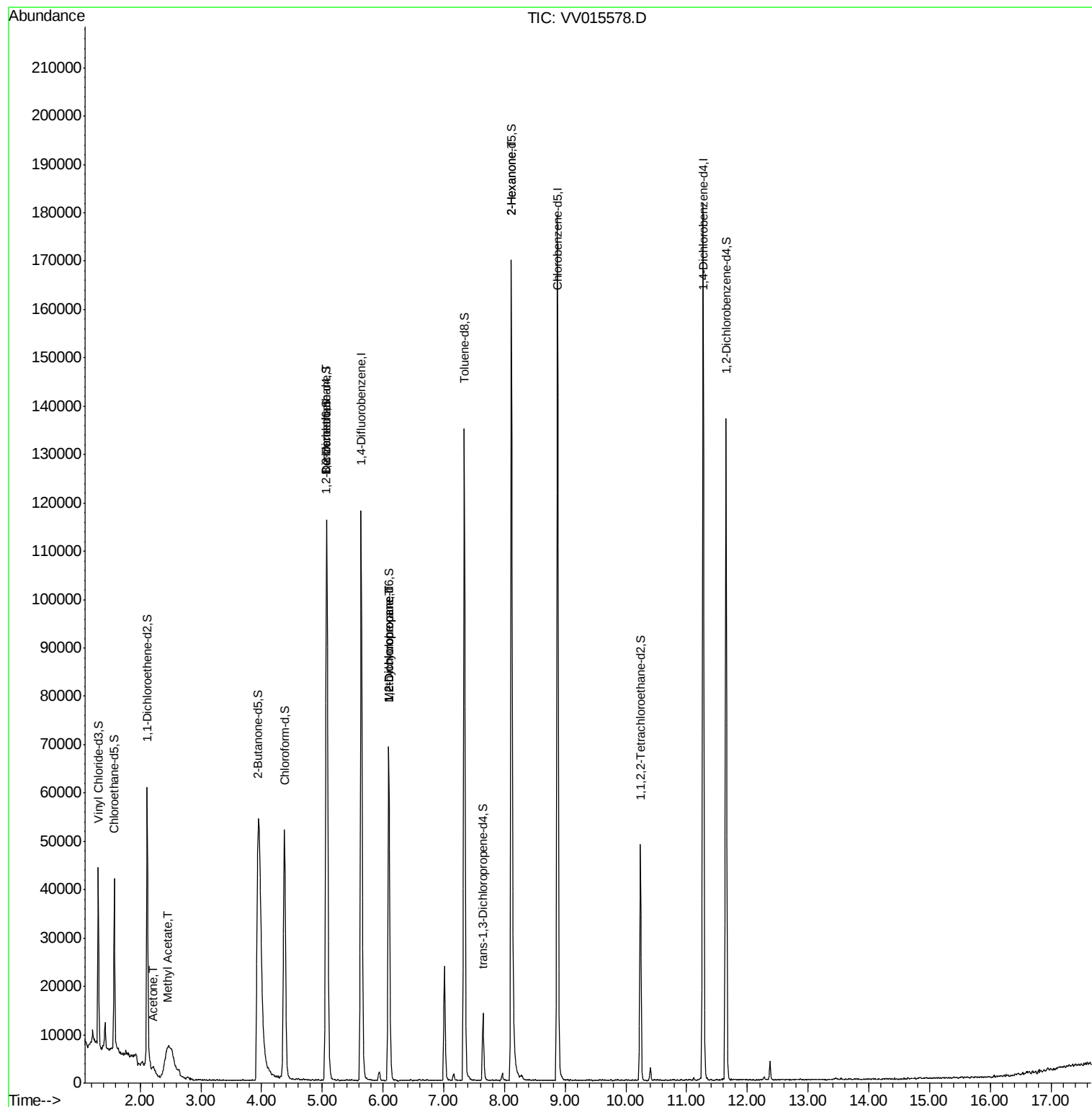
					Ovalue
13) Acetone	2.22	43	4015	4.132	ug/L 74
15) Methyl Acetate	2.44	43	2466	0.858	ug/L # 57
27) 1,2-Dichloroethane	5.07	62	715	0.086	ug/L # 77
35) Methylcyclohexane	6.09	83	7825	0.651	ug/L # 17
37) 1,2-Dichloropropane	6.09	63	4086	0.621	ug/L # 86
48) 2-Hexanone	8.11	43	8574	2.841	ug/L # 85

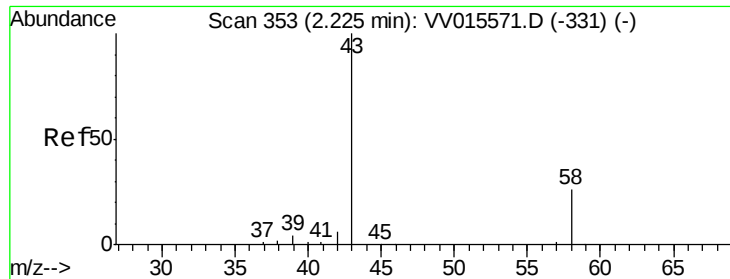
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.132 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV015578.D

Acq: 20 Apr 2020 13:22

Instrument :

MSVOA_V

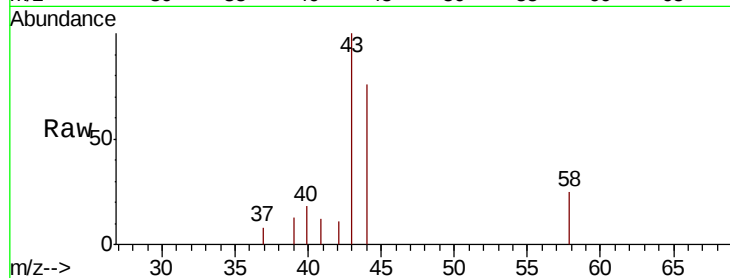
ClientSampled :

Tot Ion: 43 Resp: 4015

Ion Ratio Lower Upper

43 100

58 20.9 0.0 22.2



Abundance Ion 43.05 (42.75 to 43.75): VV015571.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV015571.D (-331) (-)

2.22

1500

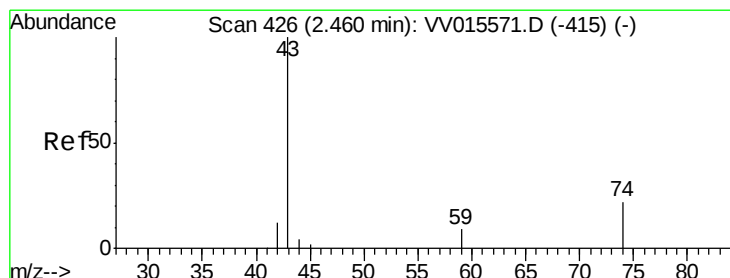
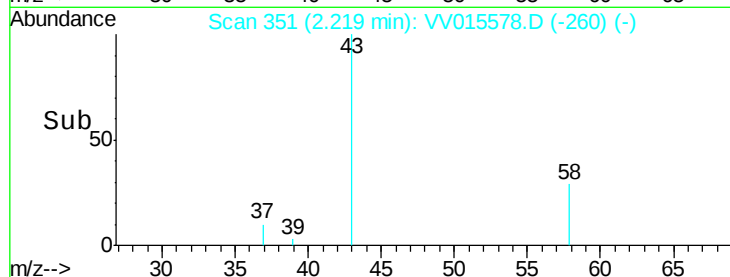
1000

500

0

Time-->

2.15 2.20 2.25 2.30 2.35



#15

Methyl Acetate

Concen: 0.858 ug/L

RT: 2.44 min Scan# 420

Delta R.T. -0.02 min

Lab File: VV015578.D

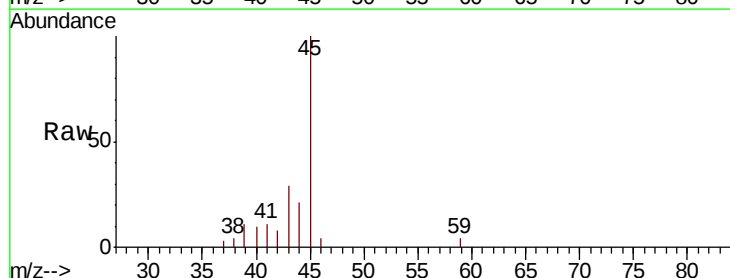
Acq: 20 Apr 2020 13:22

Tgt Ion: 43 Resp: 2466

Ion Ratio Lower Upper

43 100

74 0.0 15.4 23.2#



Abundance Ion 43.05 (42.75 to 43.75): VV015571.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VV015571.D (-415) (-)

2.44

1200

1000

800

600

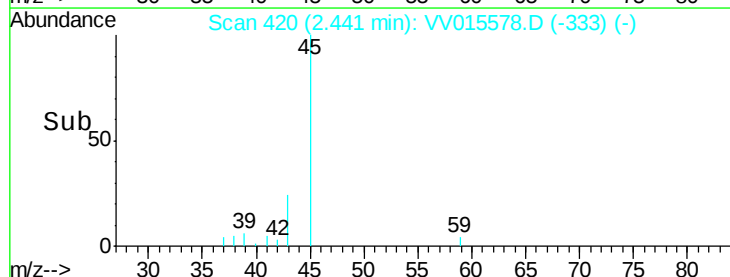
400

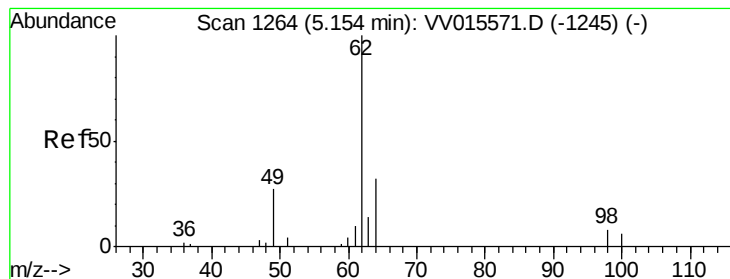
200

0

Time-->

2.30 2.35 2.40 2.45





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV015578.D

Acq: 20 Apr 2020 13:22

Instrument :

MSVOA_V

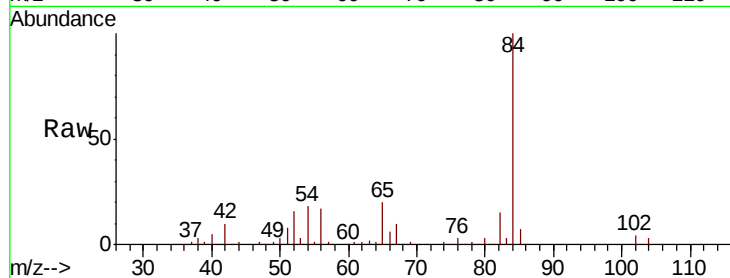
ClientSampleId :

Tot Ion: 62 Resp: 715

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.07

300

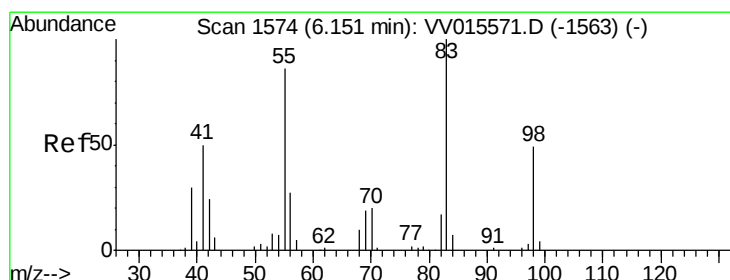
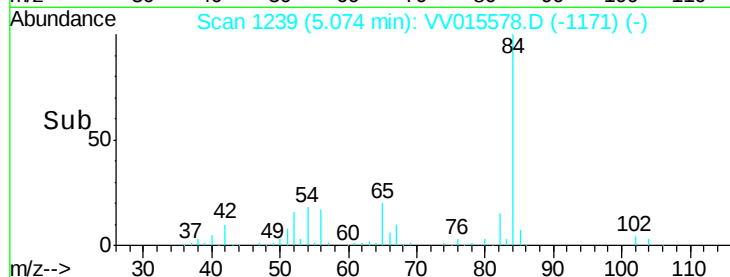
200

100

0

5.05 5.10

Time-->



#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015578.D

Acq: 20 Apr 2020 13:22

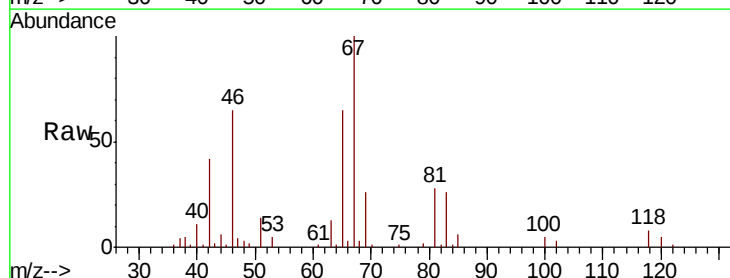
Tgt Ion: 83 Resp: 7825

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

98 2.5 38.7 58.1#



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

5000

4000

3000

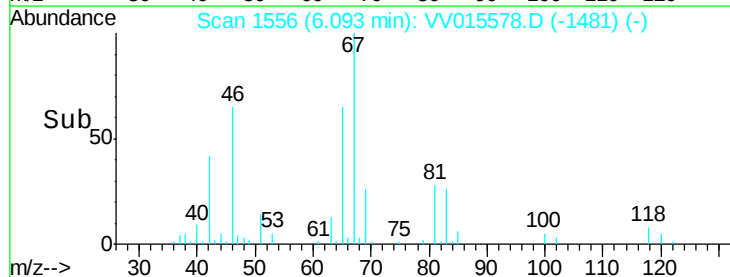
2000

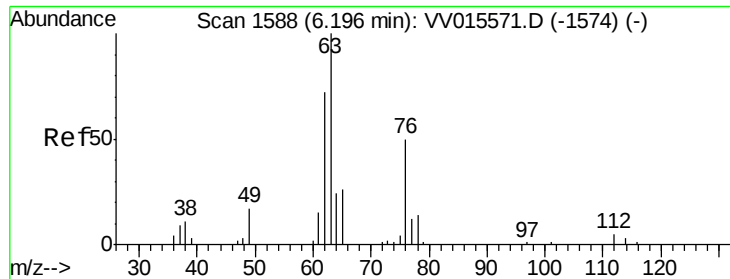
1000

0

6.05 6.10 6.15

Time-->





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015578.D

Acq: 20 Apr 2020 13:22

Instrument :

MSVOA_V

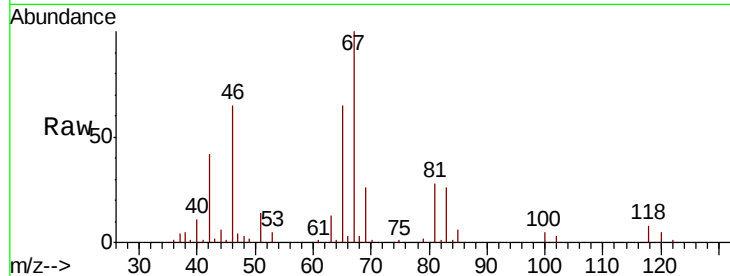
ClientSampleId :

Tot Ion: 63 Resp: 4086

Ion Ratio Lower Upper

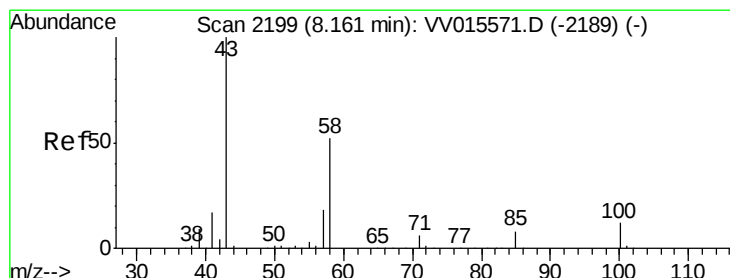
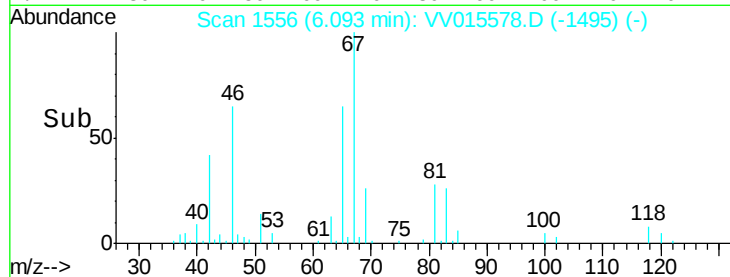
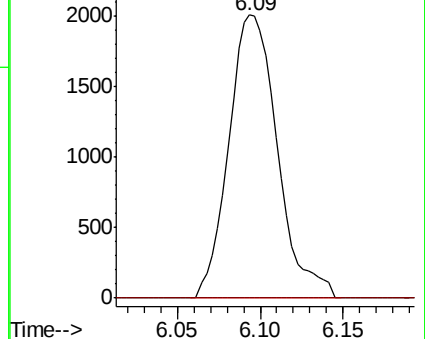
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015571.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV015571.D (-1574) (-)



#48

2-Hexanone

Concen: 2.841 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015578.D

Acq: 20 Apr 2020 13:22

Tgt Ion: 43 Resp: 8574

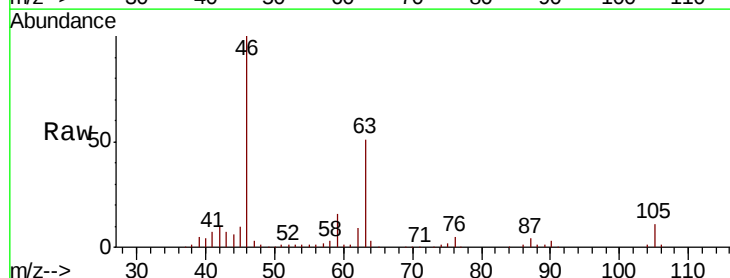
Ion Ratio Lower Upper

43 100

58 42.8 41.4 62.0

57 23.4 15.0 22.4#

100 0.0 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VV015571.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV015571.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV015571.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV015571.D (-2189) (-)

