

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006888.D
 Acq On : 04 Aug 2018 17:52
 Operator : SY/MD
 Sample : J4314-19
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:25:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 03:23:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	266515	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	257433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97567	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	91676	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	144678	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.97	46	267082	59.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.32%
24) Chloroform-d	4.41	84	179839	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.09	65	96062	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
32) Benzene-d6	5.10	84	340525	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	116702	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.37	98	251883	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.67	79	35408	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.15	63	155884	43.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	94980	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	90952	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

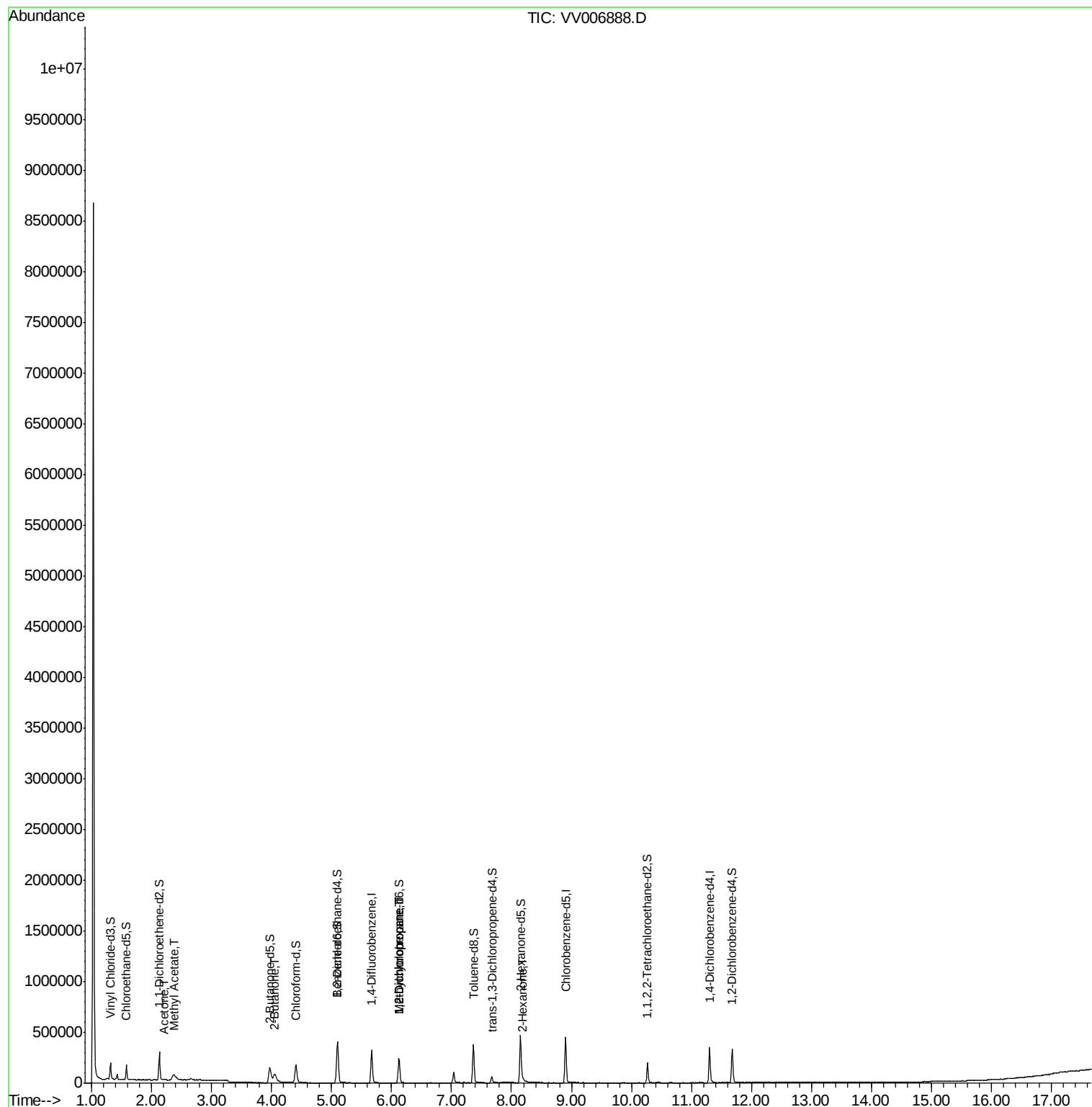
					Ovalue
13) Acetone	2.21	43	8256	2.615 ug/L	80
15) Methyl Acetate	2.37	43	29917	3.149 ug/L #	54
21) 2-Butanone	4.04	43	1279	0.265 ug/L	89
35) Methylcyclohexane	6.12	83	27499	0.860 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12143	0.586 ug/L #	91
48) 2-Hexanone	8.20	43	4320	0.555 ug/L #	90

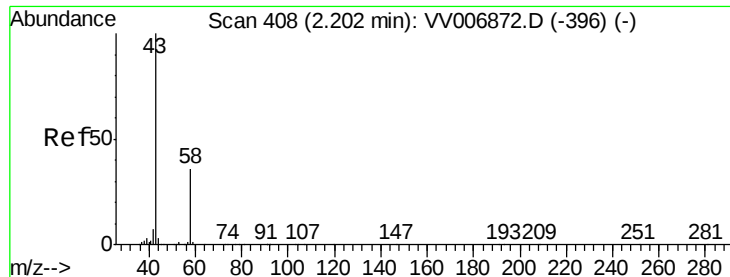
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.615 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.01 min

Lab File: VV006888.D

Acq: 04 Aug 2018 17:52

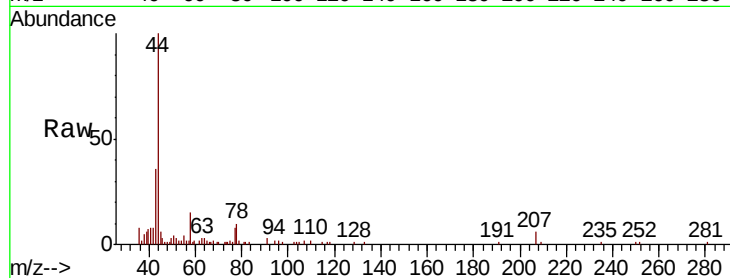
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8256

Ion Ratio Lower Upper

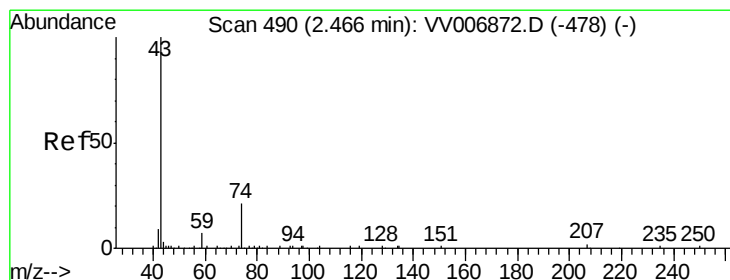
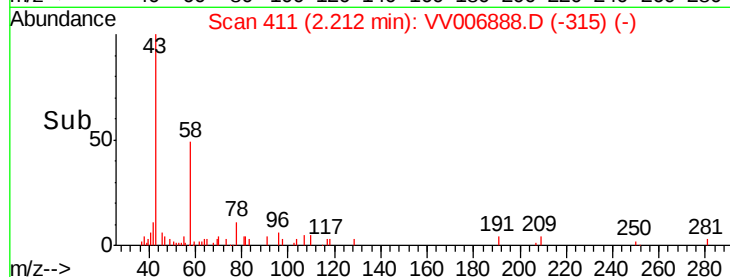
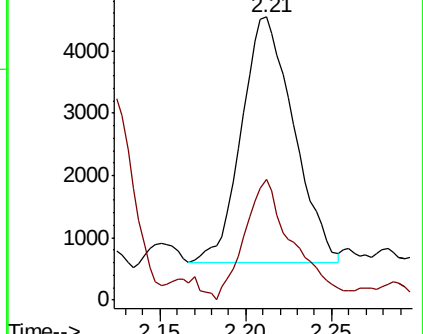
43 100

58 45.8 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006888.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VV006888.D (-315) (-)



#15

Methyl Acetate

Concen: 3.149 ug/L

RT: 2.37 min Scan# 460

Delta R.T. -0.10 min

Lab File: VV006888.D

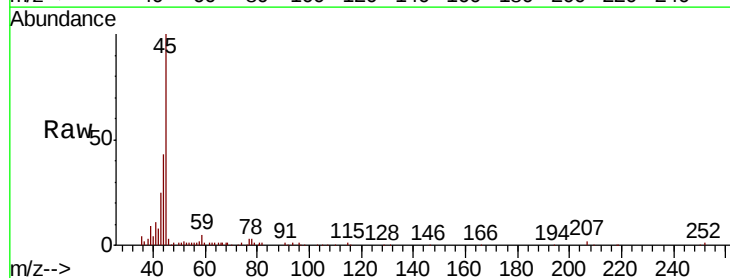
Acq: 04 Aug 2018 17:52

Tgt Ion: 43 Resp: 29917

Ion Ratio Lower Upper

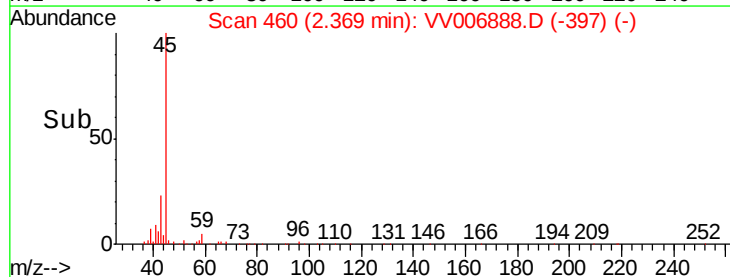
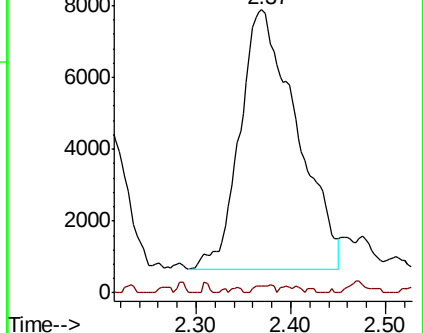
43 100

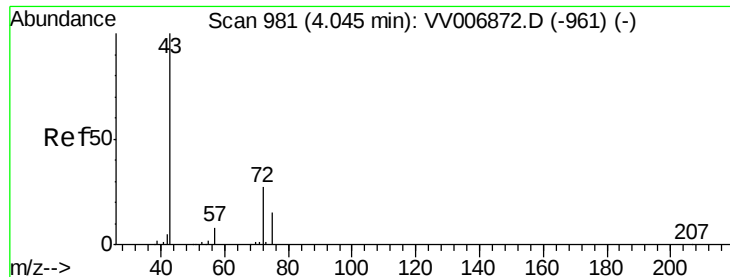
74 0.6 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VV006888.D (-397) (-)

Ion 74.05 (73.75 to 74.75): VV006888.D (-397) (-)





#21

2-Butanone

Concen: 0.265 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.01 min

Lab File: VV006888.D

Acq: 04 Aug 2018 17:52

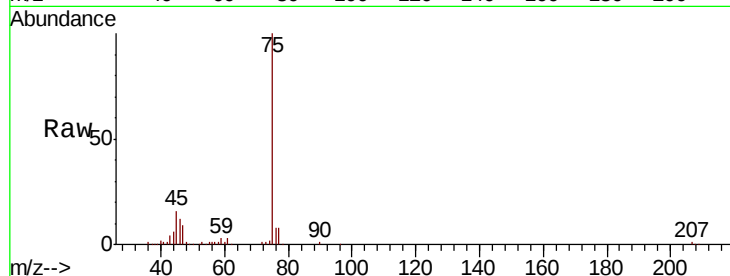
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1279

Ion Ratio Lower Upper

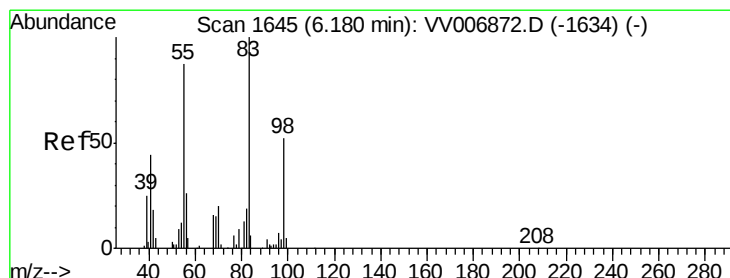
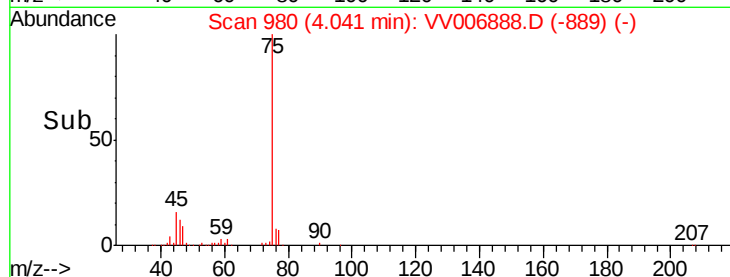
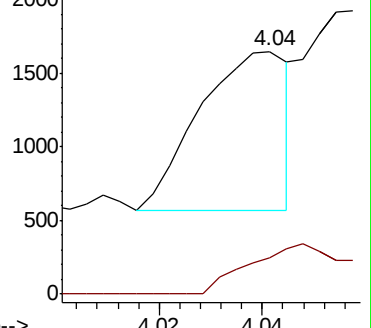
43 100

72 32.3 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV006888.D (-889) (-)

Ion 72.10 (71.80 to 72.80): VV006888.D (-889) (-)



#35

Methylcyclohexane

Concen: 0.860 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006888.D

Acq: 04 Aug 2018 17:52

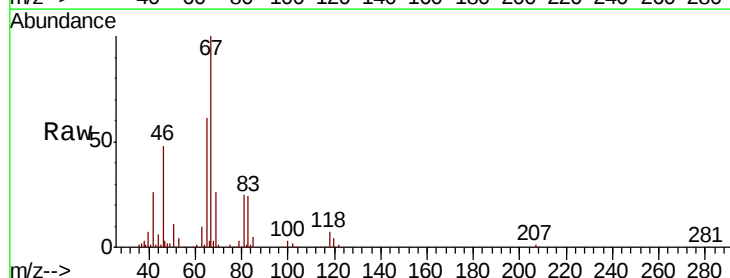
Tgt Ion: 83 Resp: 27499

Ion Ratio Lower Upper

83 100

55 0.5 61.8 92.6#

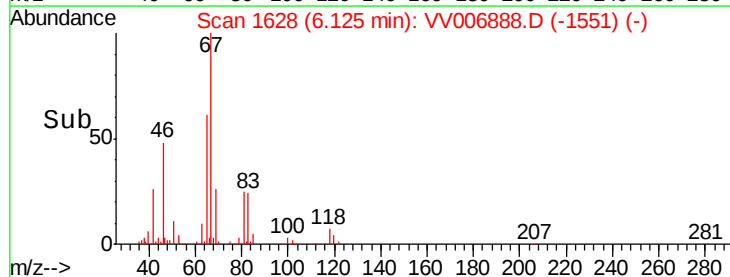
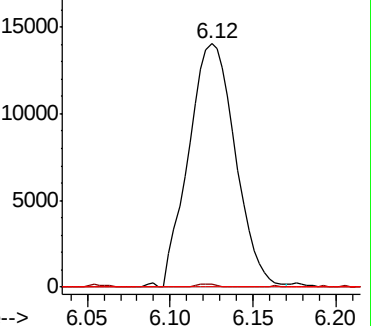
98 0.0 37.2 55.8#

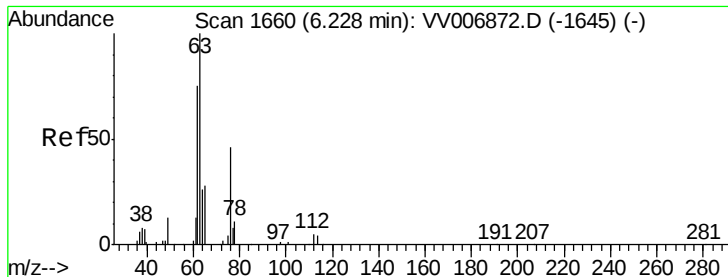


Abundance Ion 83.15 (82.85 to 83.85): VV006888.D (-1551) (-)

Ion 55.10 (54.80 to 55.80): VV006888.D (-1551) (-)

Ion 98.15 (97.85 to 98.85): VV006888.D (-1551) (-)





#37

1,2-Dichloropropane

Concen: 0.586 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006888.D

Acq: 04 Aug 2018 17:52

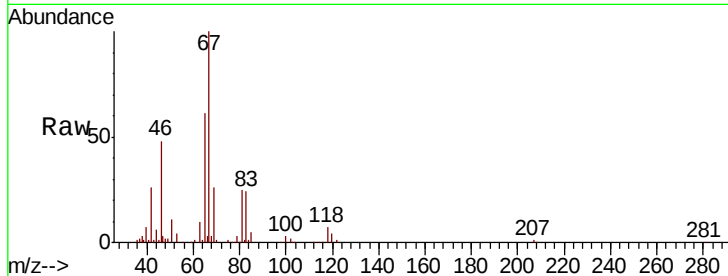
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 12143

Ion Ratio Lower Upper

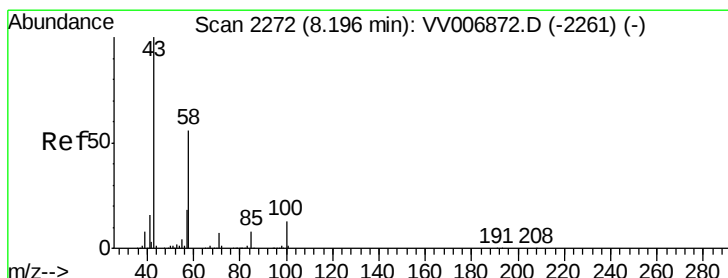
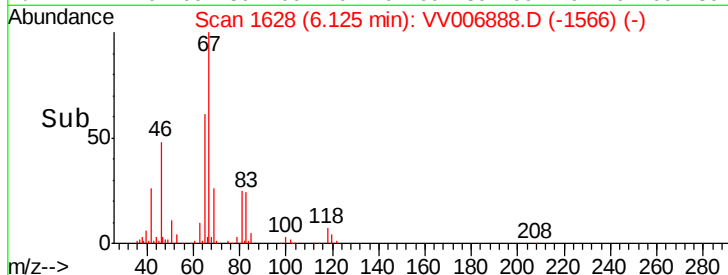
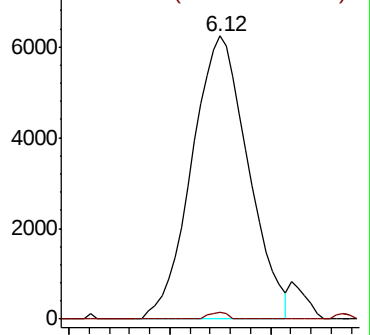
63 100

112 0.8 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV006888.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VV006888.D (-1645) (-)



#48

2-Hexanone

Concen: 0.555 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV006888.D

Acq: 04 Aug 2018 17:52

Tgt Ion: 43 Resp: 4320

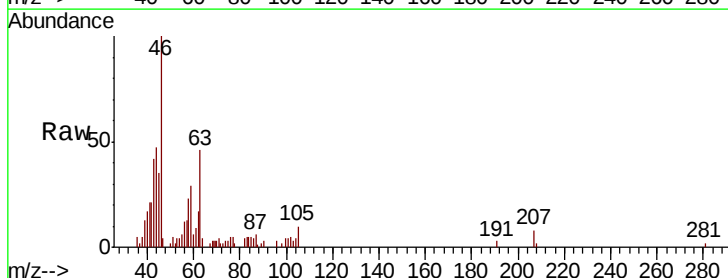
Ion Ratio Lower Upper

43 100

58 54.4 45.4 68.0

57 32.6 15.4 23.2#

100 9.1 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006888.D (-2179) (-)

Ion 58.05 (57.75 to 58.75): VV006888.D (-2179) (-)

Ion 57.20 (56.90 to 57.90): VV006888.D (-2179) (-)

Ion 100.15 (99.85 to 100.85): VV006888.D (-2179) (-)

