

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006890.D
 Acq On : 04 Aug 2018 18:45
 Operator : SY/MD
 Sample : J4342-01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:25:26 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	281479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99387	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	92187	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	145860	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.97	46	268096	56.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.40%
24) Chloroform-d	4.41	84	182833	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.09	65	97654	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.10	84	347919	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	118766	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.37	98	254925	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.67	79	35844	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.15	63	161229	42.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95654	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	93234	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

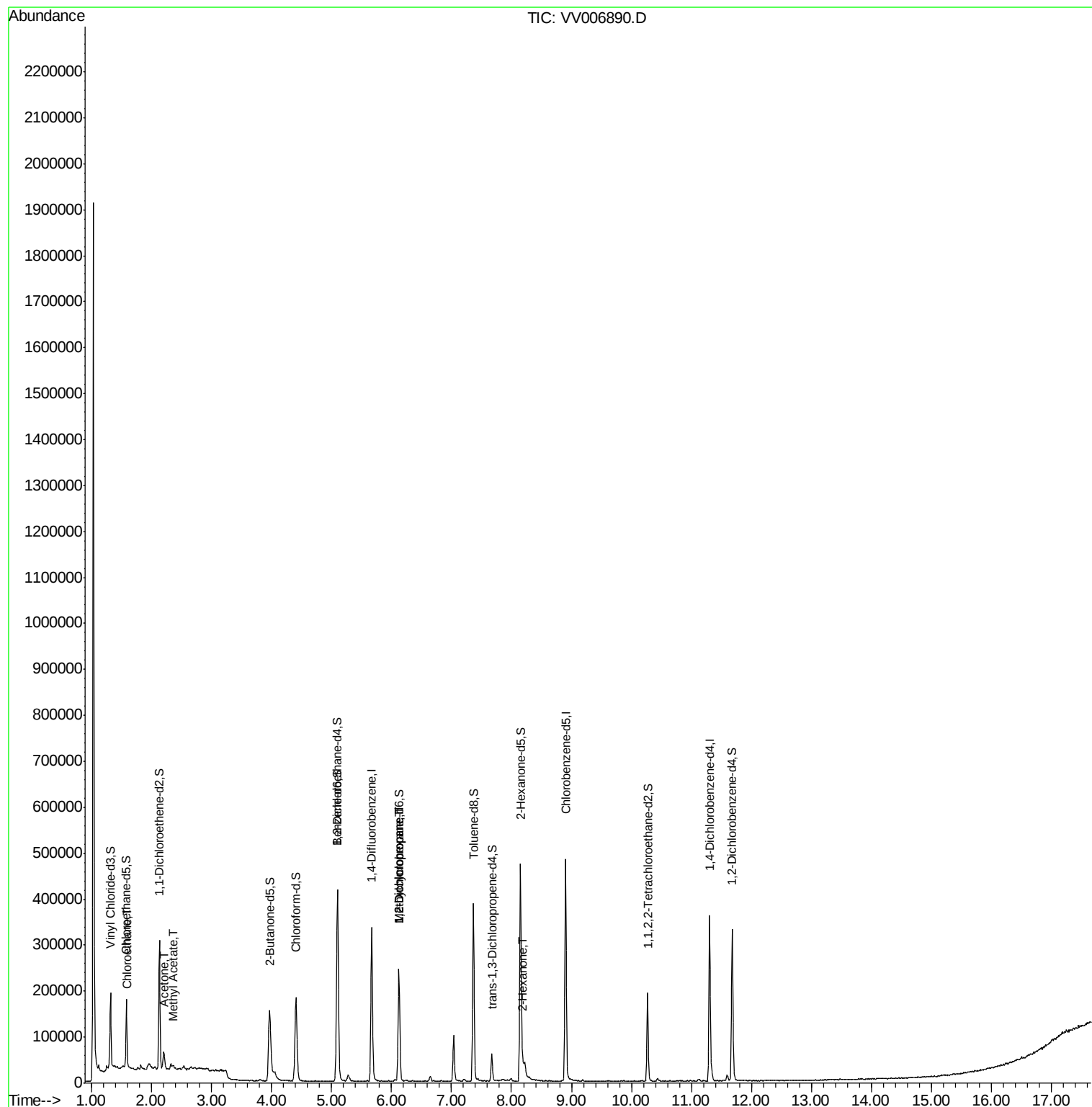
					Ovalue
8) Chloroethane	1.60	64	3791	0.223 ug/L	93
13) Acetone	2.21	43	42885	12.861 ug/L	98
15) Methyl Acetate	2.35	43	3095	0.308 ug/L #	63
35) Methylcyclohexane	6.12	83	28747	0.852 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	13172	0.601 ug/L #	90
48) 2-Hexanone	8.20	43	6335	0.770 ug/L #	76

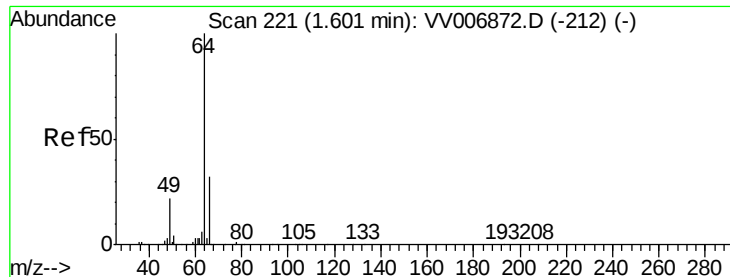
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.223 ug/L

RT: 1.60 min Scan# 221

Delta R.T. 0.00 min

Lab File: VV006890.D

Acq: 04 Aug 2018 18:45

Instrument :

MSVOA_V

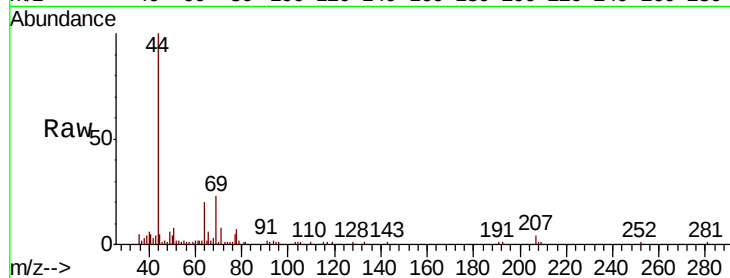
ClientSampleId :

Tot Ion: 64 Resp: 3791

Ion Ratio Lower Upper

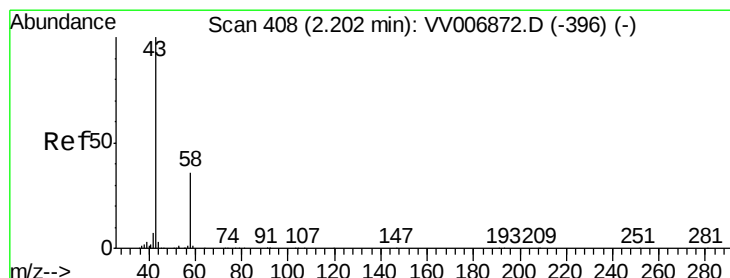
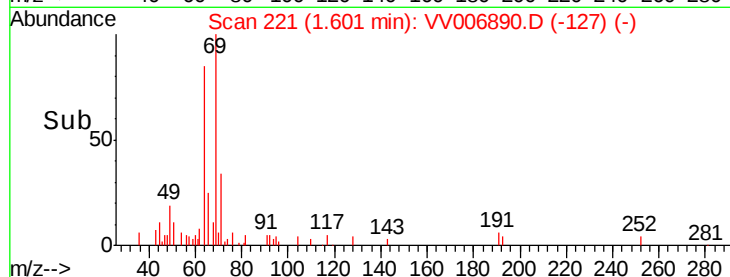
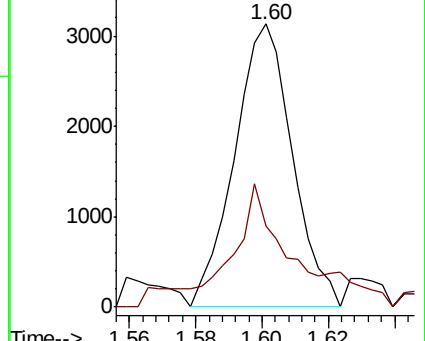
64 100

66 28.6 23.0 42.6



Abundance Ion 64.10 (63.80 to 64.80): VV006872.D (-212) (-)

Ion 66.05 (65.75 to 66.75): VV006890.D (-127) (-)



#13

Acetone

Concen: 12.861 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV006890.D

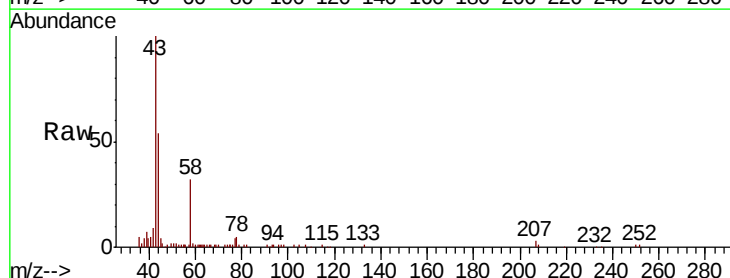
Acq: 04 Aug 2018 18:45

Tgt Ion: 43 Resp: 42885

Ion Ratio Lower Upper

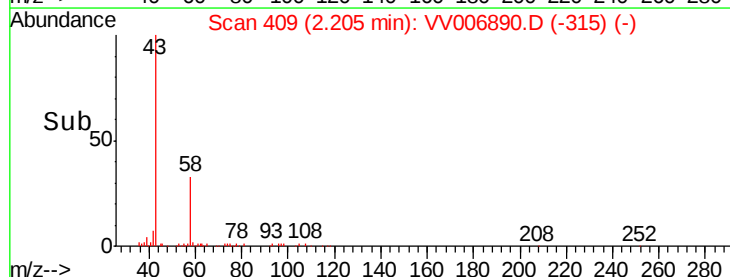
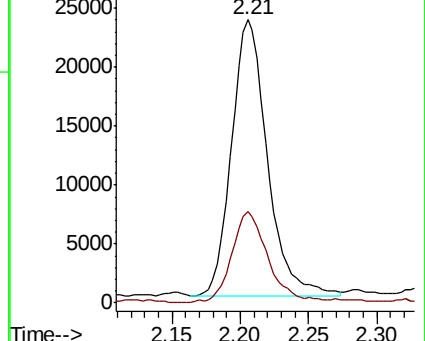
43 100

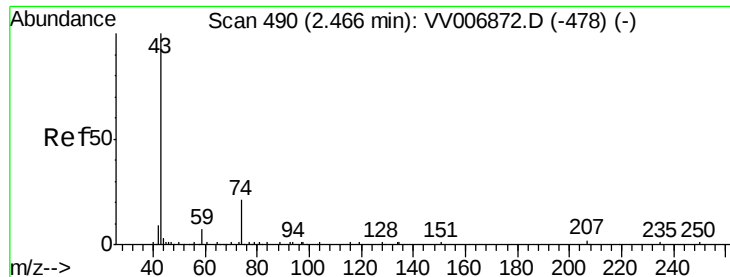
58 33.5 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006872.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006890.D (-315) (-)





#15

Methvl Acetate

Concen: 0.308 ug/L

RT: 2.35 min Scan# 454

Delta R.T. -0.12 min

Lab File: VV006890.D

Acq: 04 Aug 2018 18:45

Instrument :

MSVOA_V

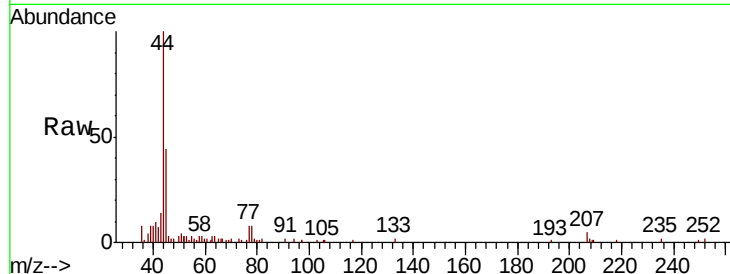
ClientSampleId :

Tot Ion: 43 Resp: 3095

Ion Ratio Lower Upper

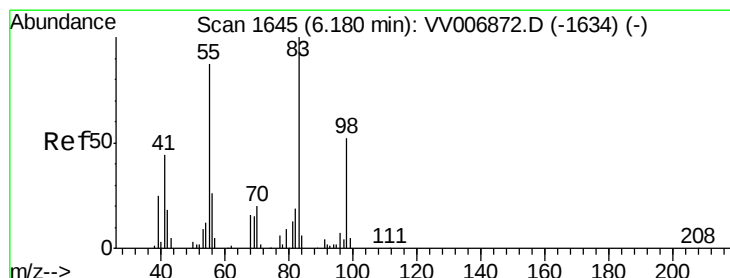
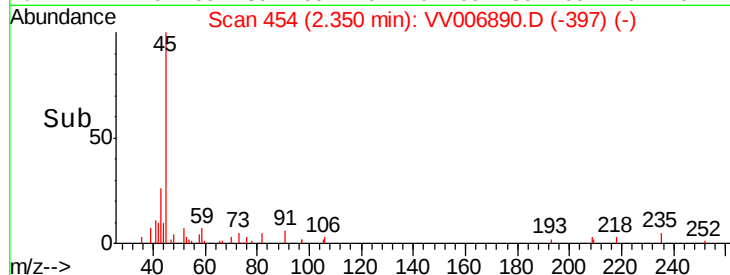
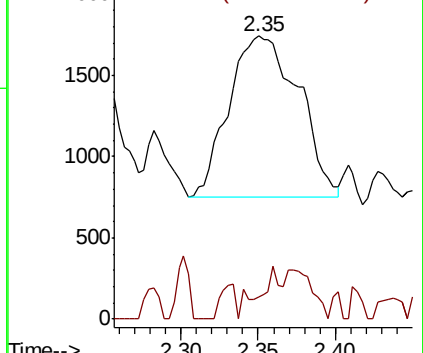
43 100

74 5.1 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006890.D

Acq: 04 Aug 2018 18:45

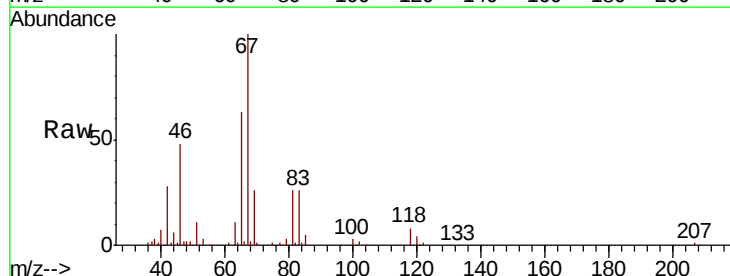
Tgt Ion: 83 Resp: 28747

Ion Ratio Lower Upper

83 100

55 0.6 61.8 92.6#

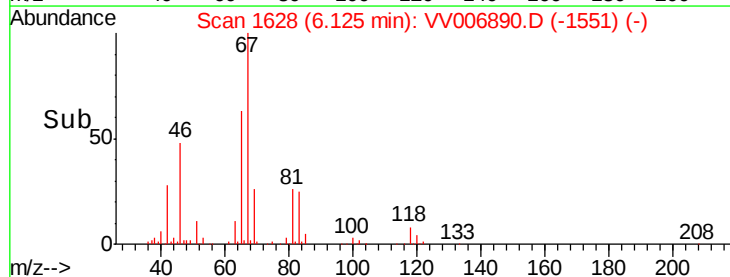
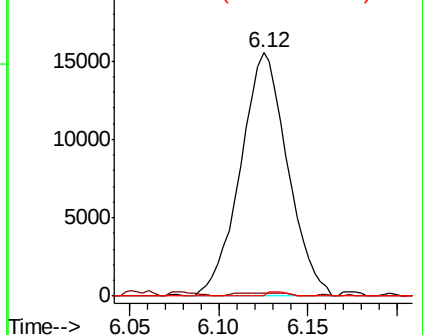
98 0.7 37.2 55.8#

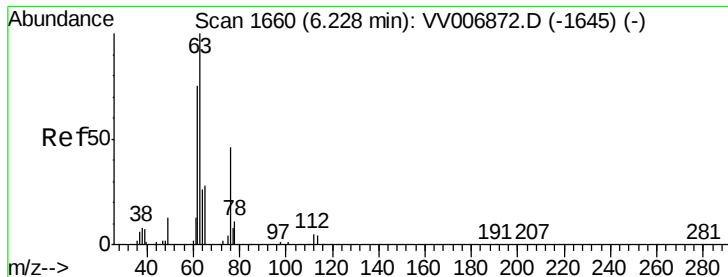


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VV006890.D

Acq: 04 Aug 2018 18:45

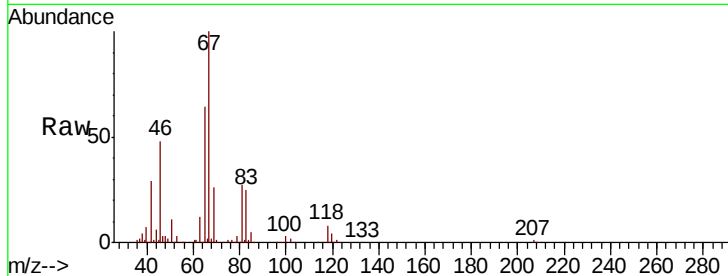
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 13172

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV006890.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VV006890.D (-1566) (-)

6.12

8000

6000

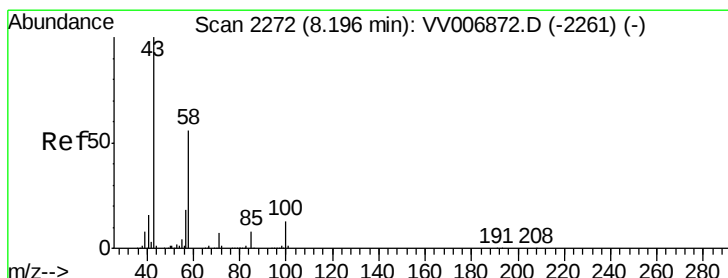
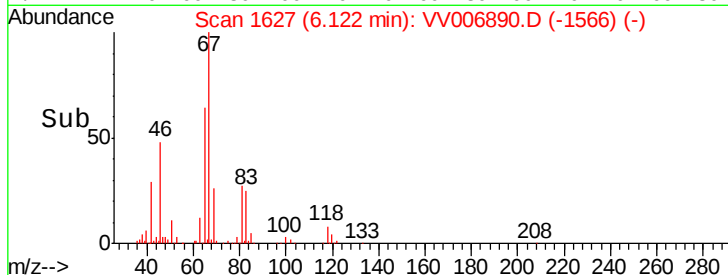
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 0.770 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV006890.D

Acq: 04 Aug 2018 18:45

Tgt Ion: 43 Resp: 6335

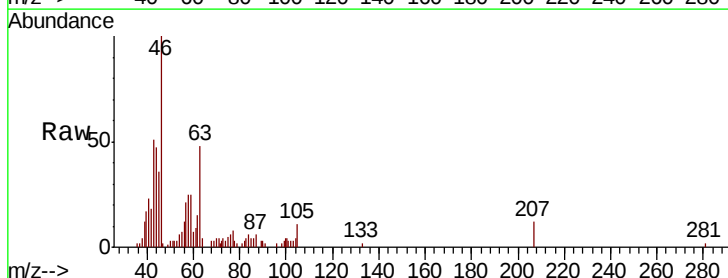
Ion Ratio Lower Upper

43 100

58 69.8 45.4 68.0#

57 0.0 15.4 23.2#

100 5.2 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006890.D (-2179) (-)

Ion 58.05 (57.75 to 58.75): VV006890.D (-2179) (-)

Ion 57.20 (56.90 to 57.90): VV006890.D (-2179) (-)

Ion 100.15 (99.85 to 100.85): VV006890.D (-2179) (-)

15000

10000

5000

0

8.20

8.25

Time-->

