

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006985.D
 Acq On : 10 Aug 2018 15:43
 Operator : SY/MD
 Sample : J4422-08
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC8

Quant Time: Aug 10 23:15:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 23:13:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244445	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94759	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66921	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	63117	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	92156	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.97	46	222894	49.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	4.41	84	153934	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	80377	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.10	84	283020	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	99660	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.37	98	208191	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	30304	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.15	63	113044	38.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75131	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	81016	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

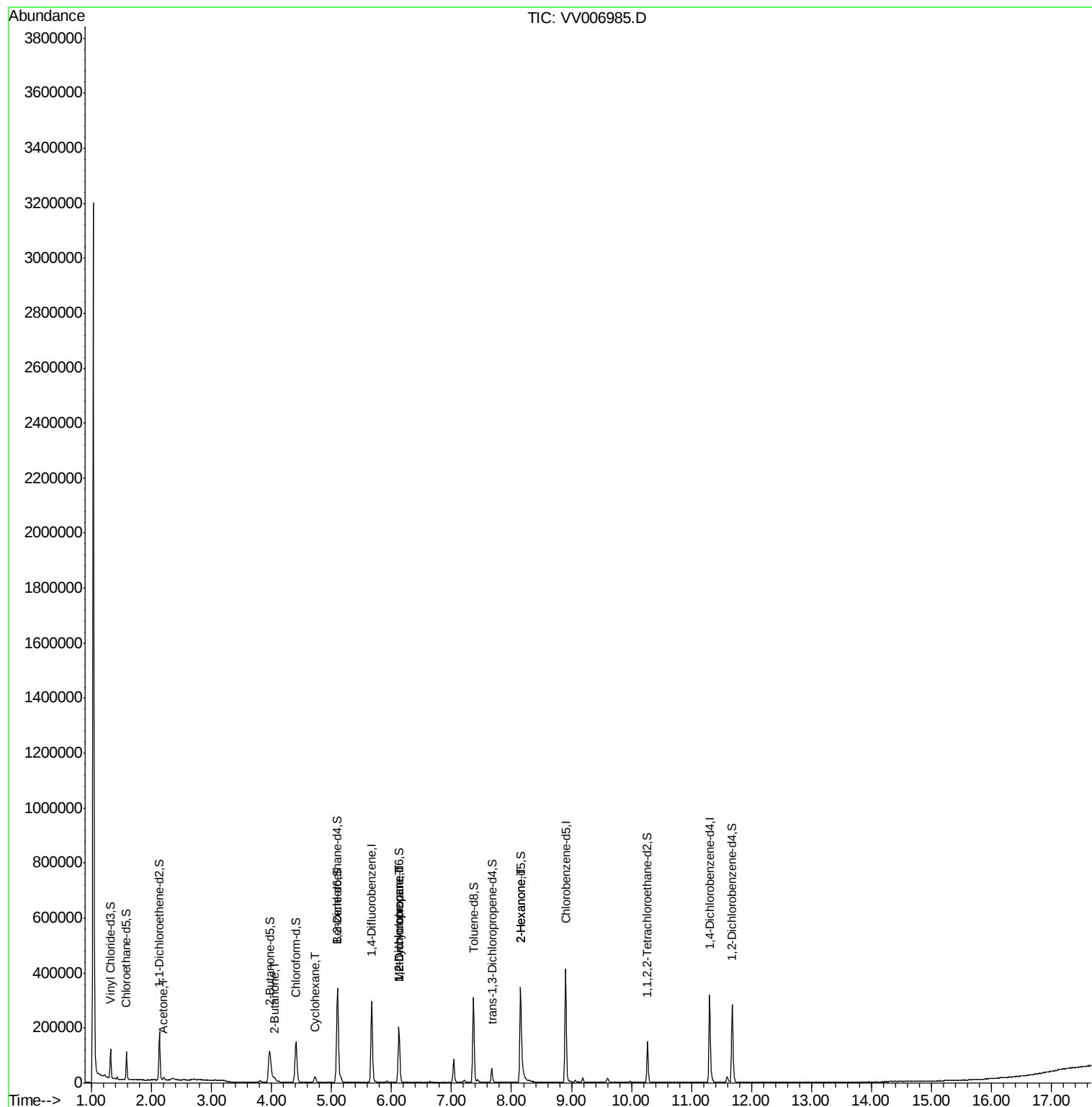
					Ovalue
13) Acetone	2.21	43	9933	4.251	ug/L 100
21) 2-Butanone	4.05	43	1280	0.252	ug/L 95
30) Cyclohexane	4.72	56	9662	0.294	ug/L 98
35) Methylcyclohexane	6.12	83	23043	0.730	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	10394	0.463	ug/L # 87
48) 2-Hexanone	8.15	43	16398	1.917	ug/L # 72

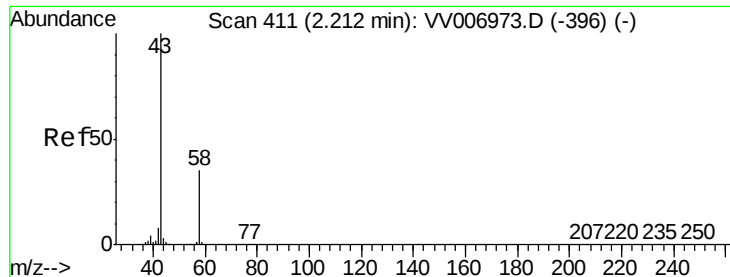
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 23:13:31 2018
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#13

Acetone

Concen: 4.251 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006985.D

Acq: 10 Aug 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

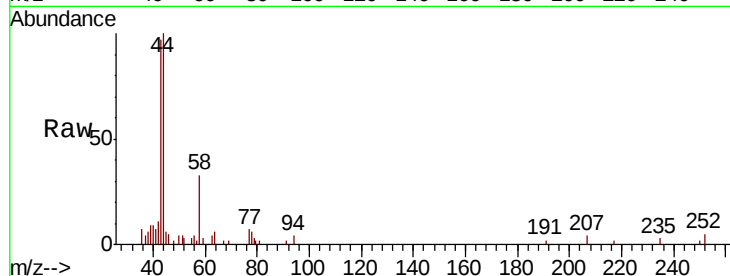
C0AC8

Tot Ion: 43 Resp: 9933

Ion Ratio Lower Upper

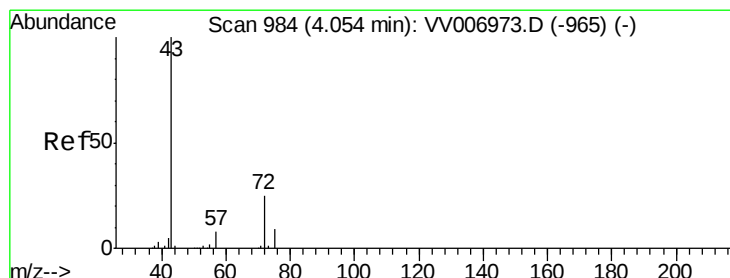
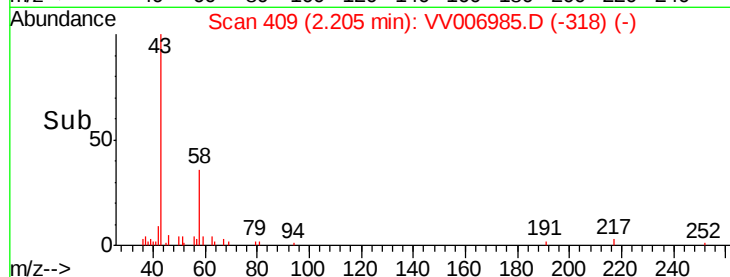
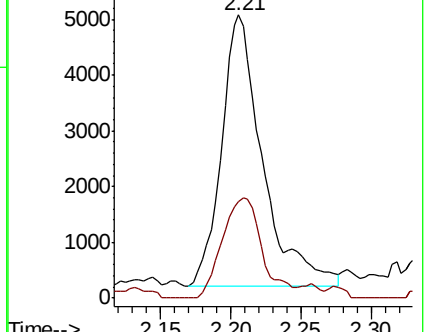
43 100

58 35.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006973.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006973.D (-396) (-)



#21

2-Butanone

Concen: 0.252 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.00 min

Lab File: VV006985.D

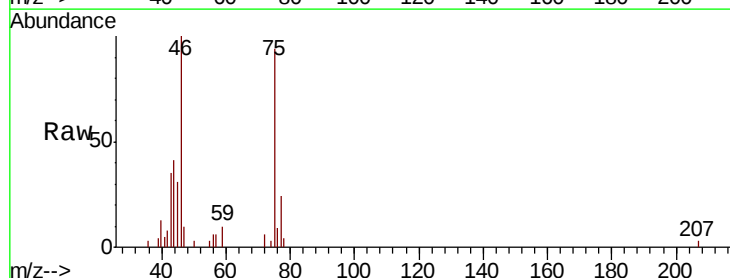
Acq: 10 Aug 2018 15:43

Tgt Ion: 43 Resp: 1280

Ion Ratio Lower Upper

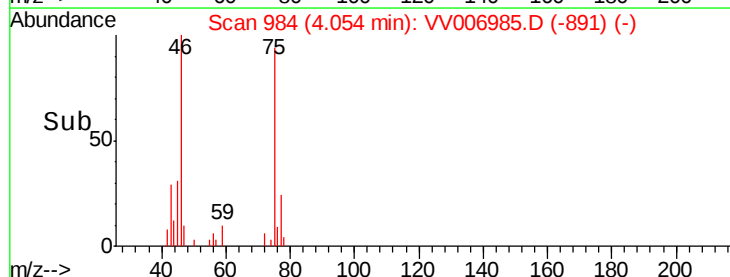
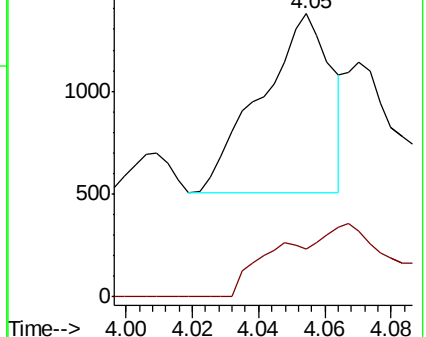
43 100

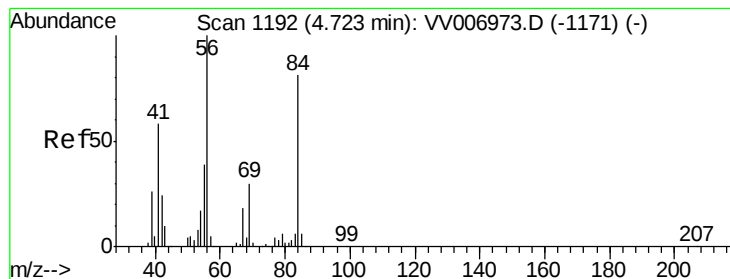
72 22.2 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV006973.D (-965) (-)

Ion 72.10 (71.80 to 72.80): VV006973.D (-965) (-)

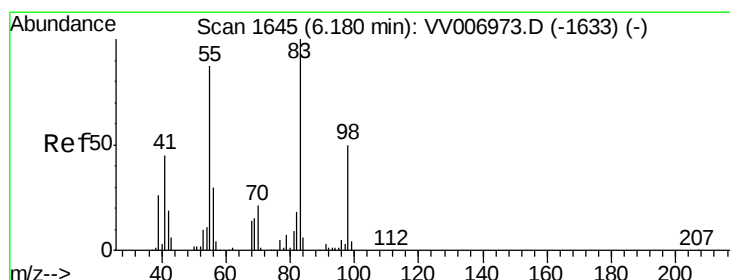
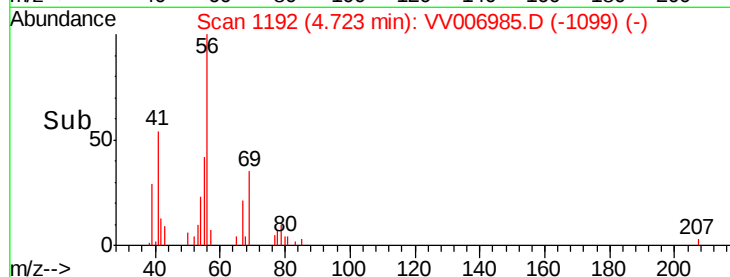
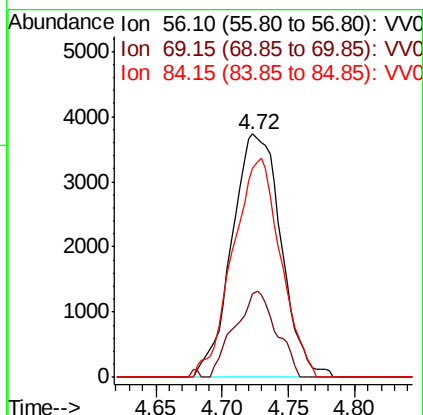
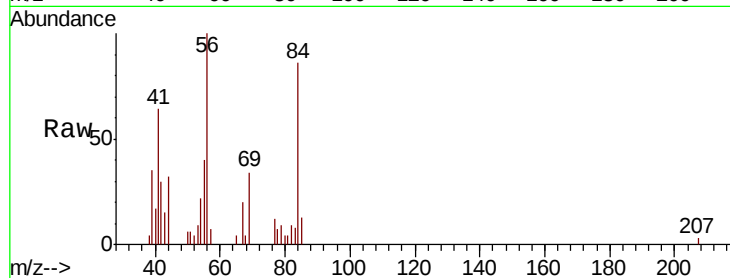




#30
Cyclohexane
Concen: 0.294 ug/L
RT: 4.72 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VV006985.D
Acq: 10 Aug 2018 15:43

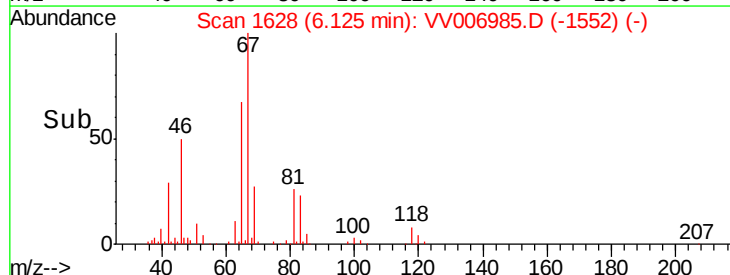
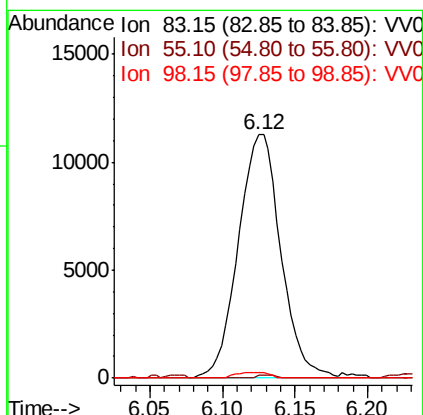
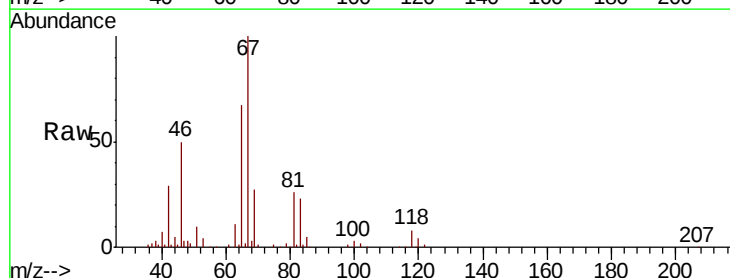
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C0AC8

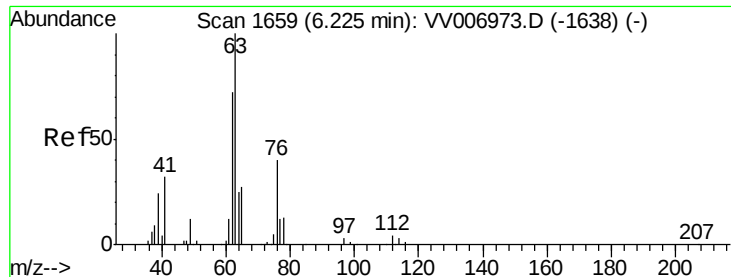
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.8	35.6
84	87.2	67.9	101.9



#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006985.D
Acq: 10 Aug 2018 15:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	68.1	102.1#
98	1.8	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.463 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006985.D

Acq: 10 Aug 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

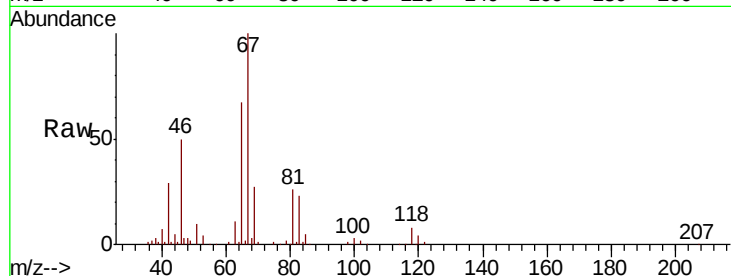
C0AC8

Tot Ion: 63 Resp: 10394

Ion Ratio Lower Upper

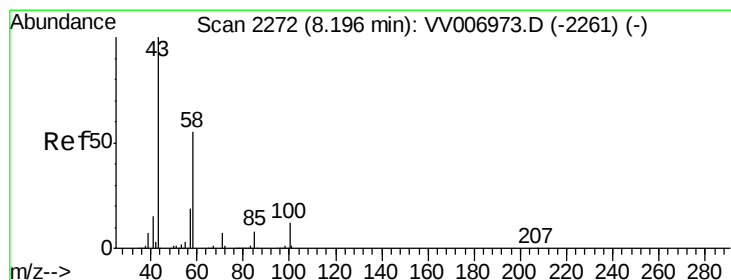
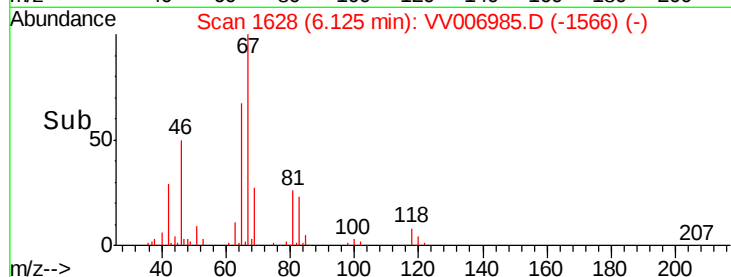
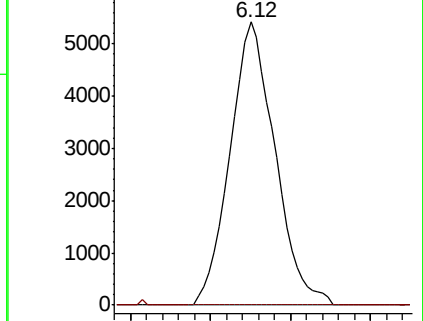
63 100

112 0.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV006973.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VV006973.D (-1638) (-)



#48

2-Hexanone

Concen: 1.917 ug/L

RT: 8.15 min Scan# 2258

Delta R.T. -0.04 min

Lab File: VV006985.D

Acq: 10 Aug 2018 15:43

Tgt Ion: 43 Resp: 16398

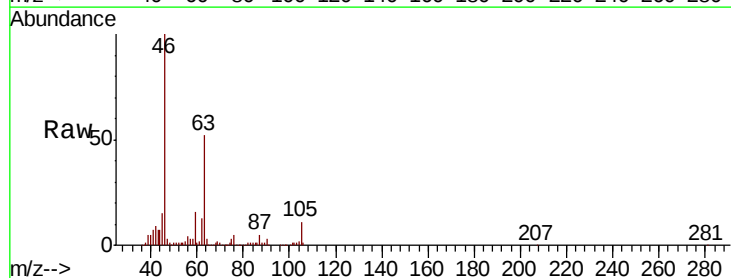
Ion Ratio Lower Upper

43 100

58 61.9 44.2 66.2

57 59.6 14.8 22.2#

100 6.1 8.8 13.2#



Abundance Ion 43.05 (42.75 to 43.75): VV006973.D (-2261) (-)

Ion 58.05 (57.75 to 58.75): VV006973.D (-2261) (-)

Ion 57.20 (56.90 to 57.90): VV006973.D (-2261) (-)

Ion 100.15 (99.85 to 100.85): VV006973.D (-2261) (-)

