

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
 Data File : VV006644.D
 Acq On : 19 Jul 2018 15:43
 Operator : SY/MD
 Sample : VV0719WBL01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK67

Quant Time: Jul 20 05:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 05:09:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	261914	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104520	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99932	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.58	69	75887	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.13	63	138566	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	3.95	46	215022	53.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	4.41	84	160000	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	79063	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	355943	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	108091	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.36	98	316961	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
43) trans-1,3-Dichloropropene-	7.67	79	34833	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.14	63	187018	55.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75002	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	108585	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

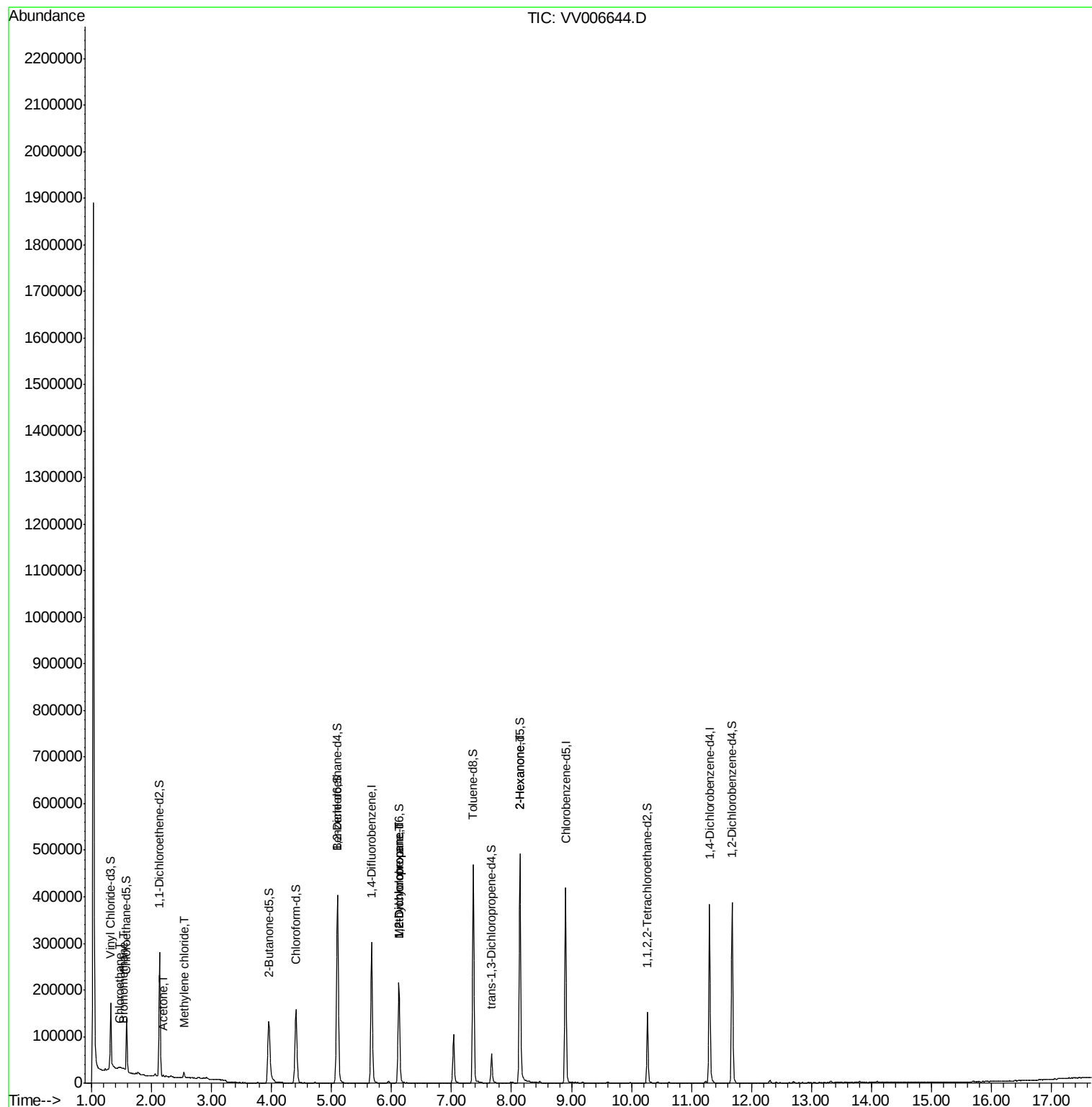
					Qvalue
6) Bromomethane	1.54	94	1759	0.228 ug/L	82
8) Chloroethane	1.47	64	11824	0.757 ug/L #	54
13) Acetone	2.20	43	1320	0.431 ug/L	76
16) Methylene chloride	2.54	84	5046	0.207 ug/L	93
35) Methylcyclohexane	6.12	83	24911	0.708 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10781	0.508 ug/L #	86
48) 2-Hexanone	8.14	43	20442	2.547 ug/L #	64

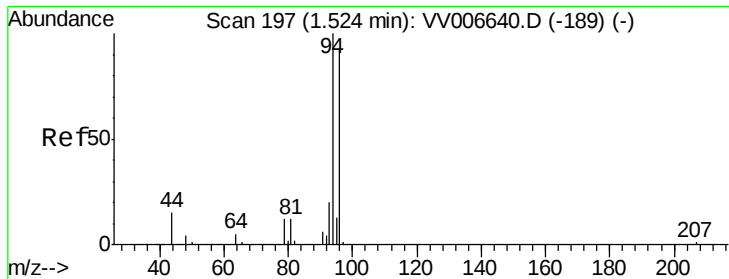
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.228 ug/L

RT: 1.54 min Scan# 203

Delta R.T. 0.02 min

Lab File: VV006644.D

Acq: 19 Jul 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

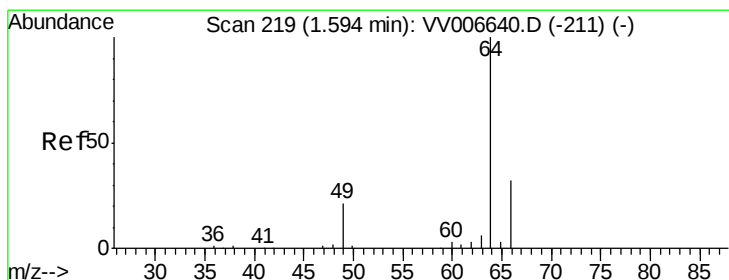
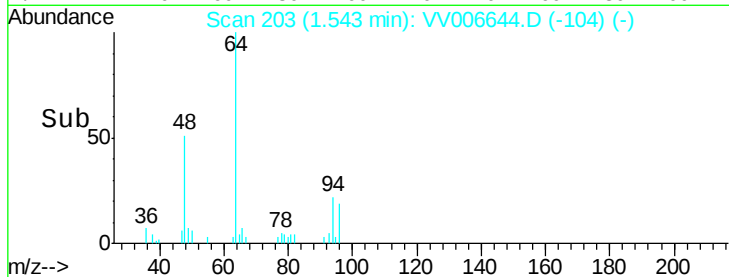
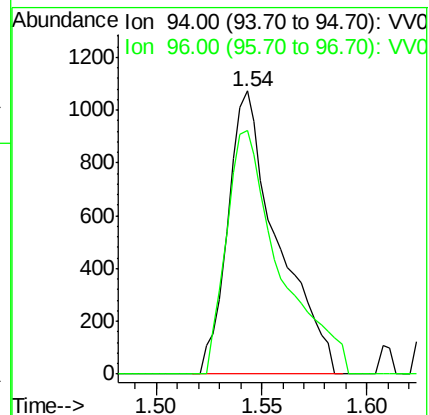
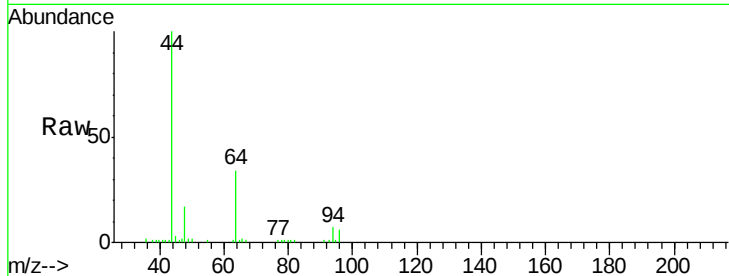
VBLK67

Tgt Ion: 94 Resp: 1759

Ion Ratio Lower Upper

94 100

96 75.0 64.5 119.7



#8

Chloroethane

Concen: 0.757 ug/L

RT: 1.47 min Scan# 179

Delta R.T. -0.13 min

Lab File: VV006644.D

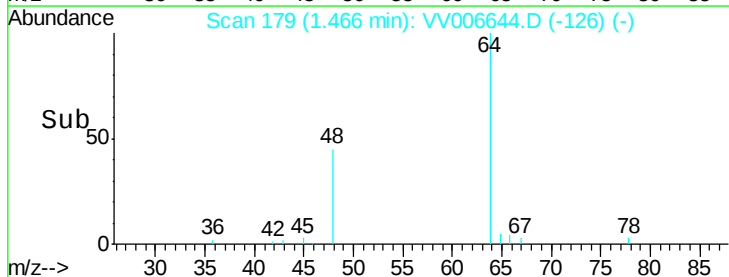
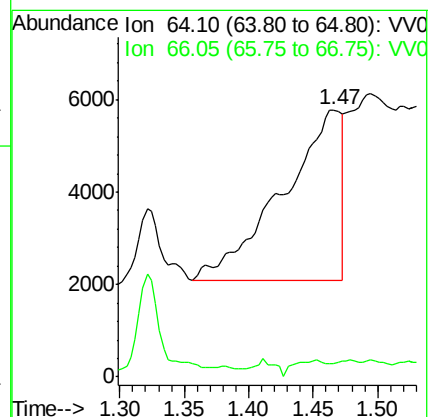
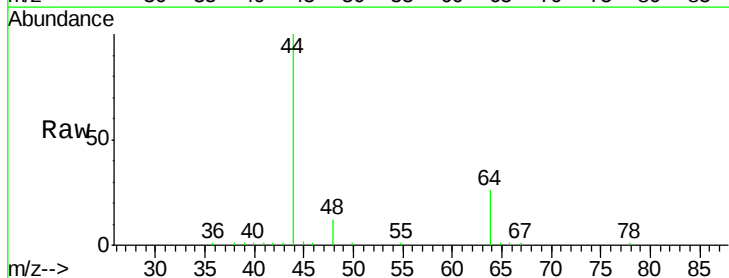
Acq: 19 Jul 2018 15:43

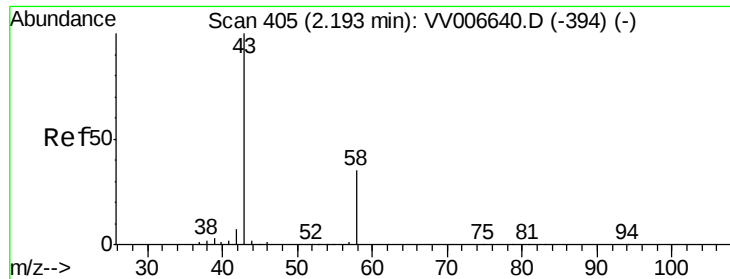
Tgt Ion: 64 Resp: 11824

Ion Ratio Lower Upper

64 100

66 5.1 21.1 39.3#





#13

Acetone

Concen: 0.431 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.01 min

Lab File: VV006644.D

Acq: 19 Jul 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

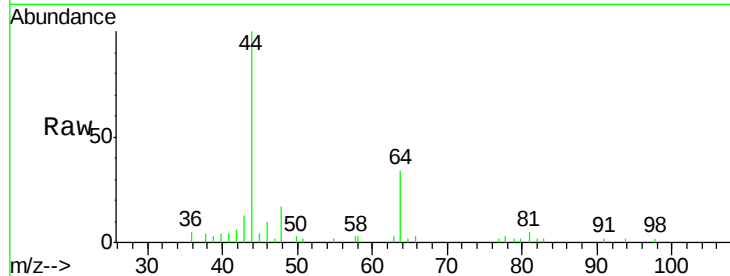
VBLK67

Tgt Ion: 43 Resp: 1320

Ion Ratio Lower Upper

43 100

58 22.0 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV006644.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VV006644.D (-394) (-)

2.20

800

600

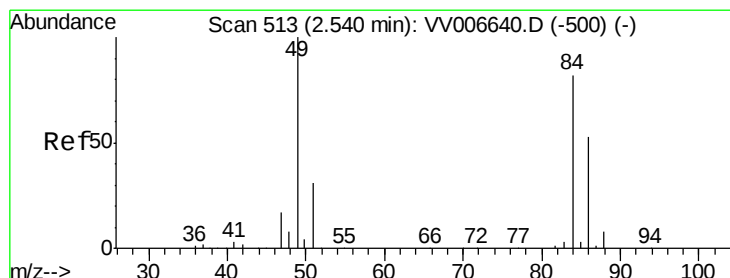
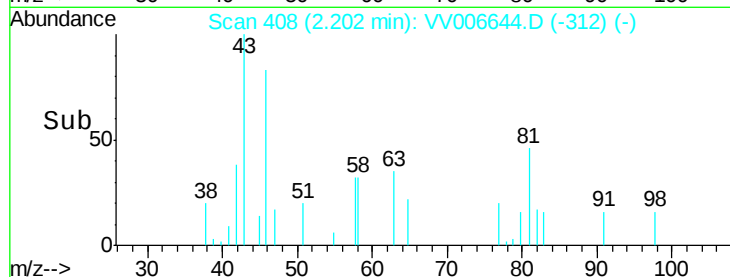
400

200

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 0.207 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006644.D

Acq: 19 Jul 2018 15:43

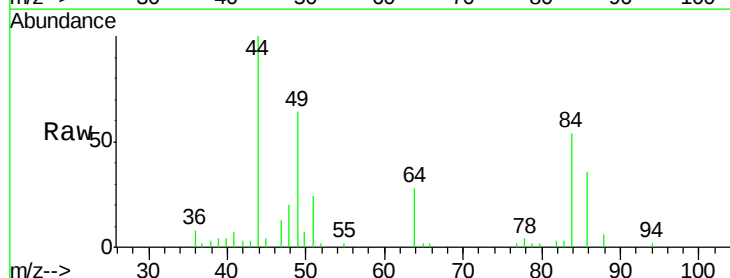
Tgt Ion: 84 Resp: 5046

Ion Ratio Lower Upper

84 100

86 67.3 45.4 84.2

49 131.0 85.1 158.1



Abundance Ion 84.05 (83.75 to 84.75): VV006644.D (-500) (-)

Ion 86.00 (85.70 to 86.70): VV006644.D (-500) (-)

Ion 49.10 (48.80 to 49.80): VV006644.D (-500) (-)

2.54

4000

3000

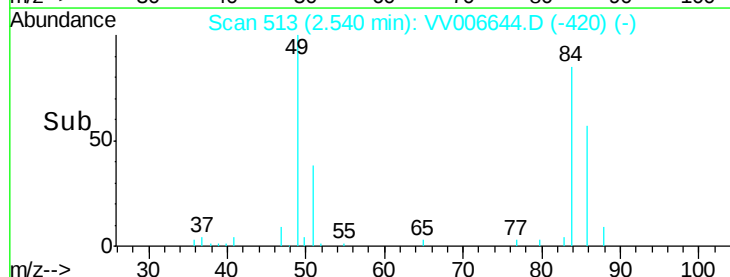
2000

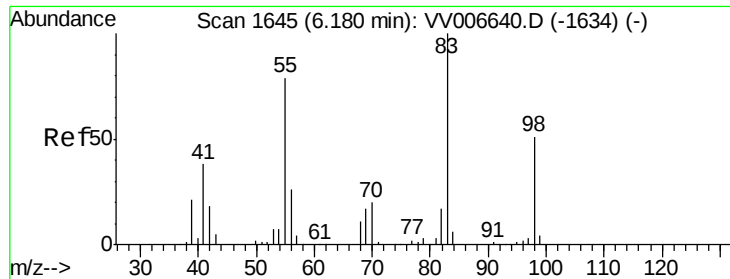
1000

0

2.50 2.55 2.60

Time-->

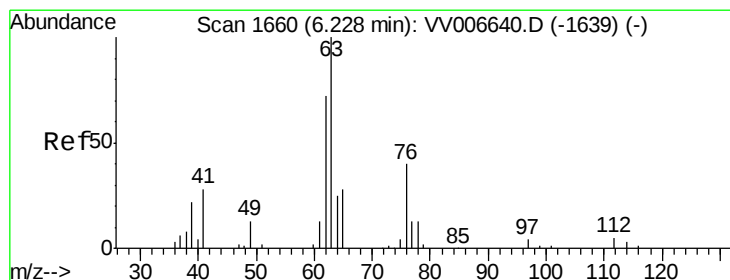
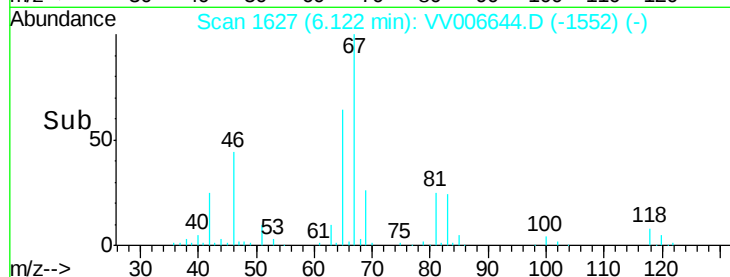
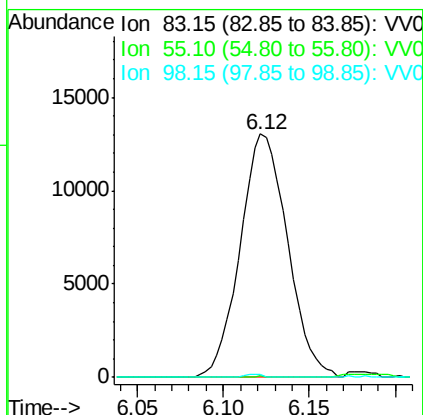
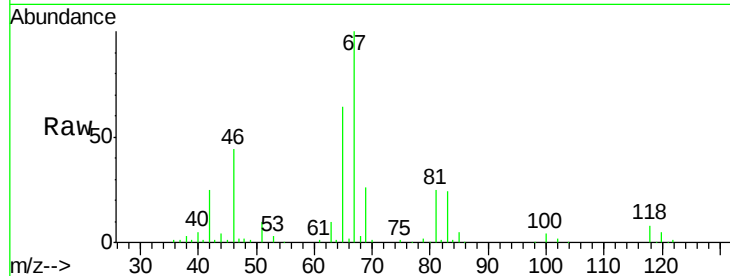




#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006644.D
Acq: 19 Jul 2018 15:43

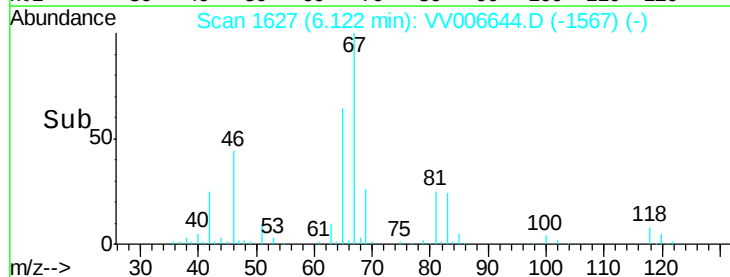
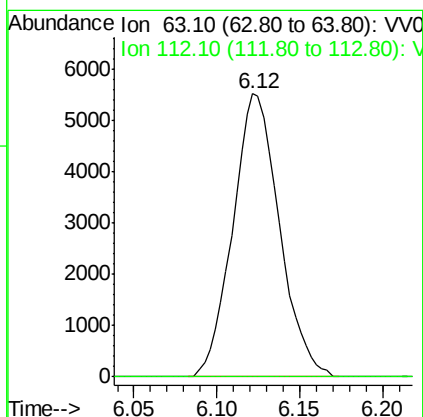
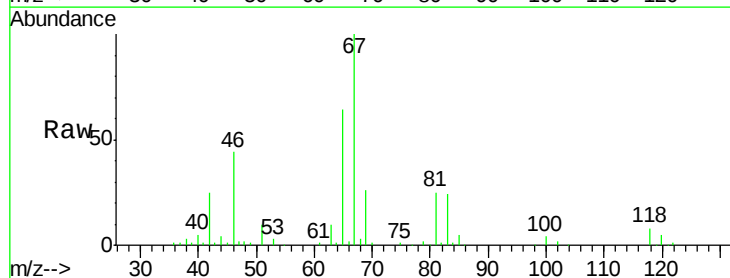
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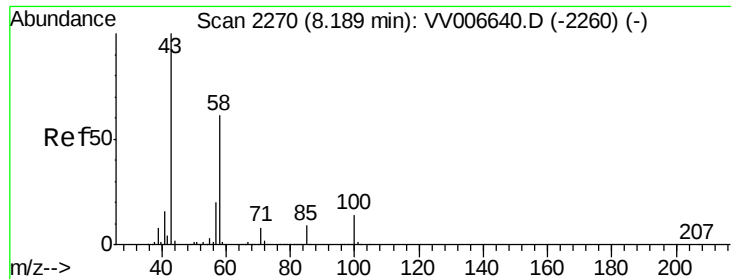
Tgt Ion: 83 Resp: 24911
Ion Ratio Lower Upper
83 100
55 0.1 61.3 91.9#
98 0.5 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006644.D
Acq: 19 Jul 2018 15:43

Tgt Ion: 63 Resp: 10781
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#48

2-Hexanone

Concen: 2.547 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV006644.D

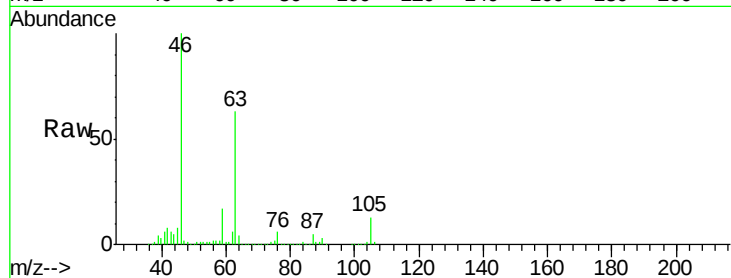
Acq: 19 Jul 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK67



Tgt Ion: 43 Resp: 20442

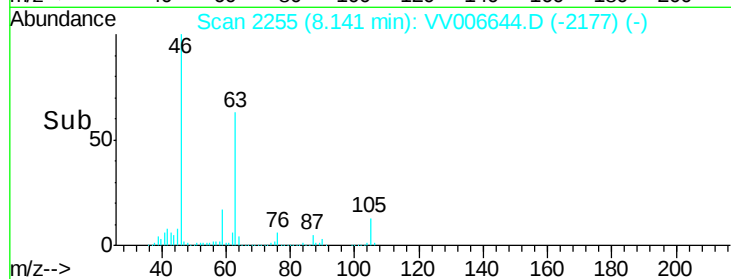
Ion Ratio Lower Upper

43 100

58 27.6 48.2 72.2#

57 28.1 16.2 24.4#

100 1.4 11.0 16.4#



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

