

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061218\
 Data File : VV006246.D
 Acq On : 12 Jun 2018 13:54
 Operator : SY/MD
 Sample : VV0612WBL01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK72

Quant Time: Jun 13 01:21:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 13 01:21:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	310350	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	273415	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124994	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77544	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	73554	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.13	63	113003	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.97	46	205503	57.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.20%
24) Chloroform-d	4.41	84	156662	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	78583	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	320048	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	99904	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	283797	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	38331	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	177790	46.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66513	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	110871	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

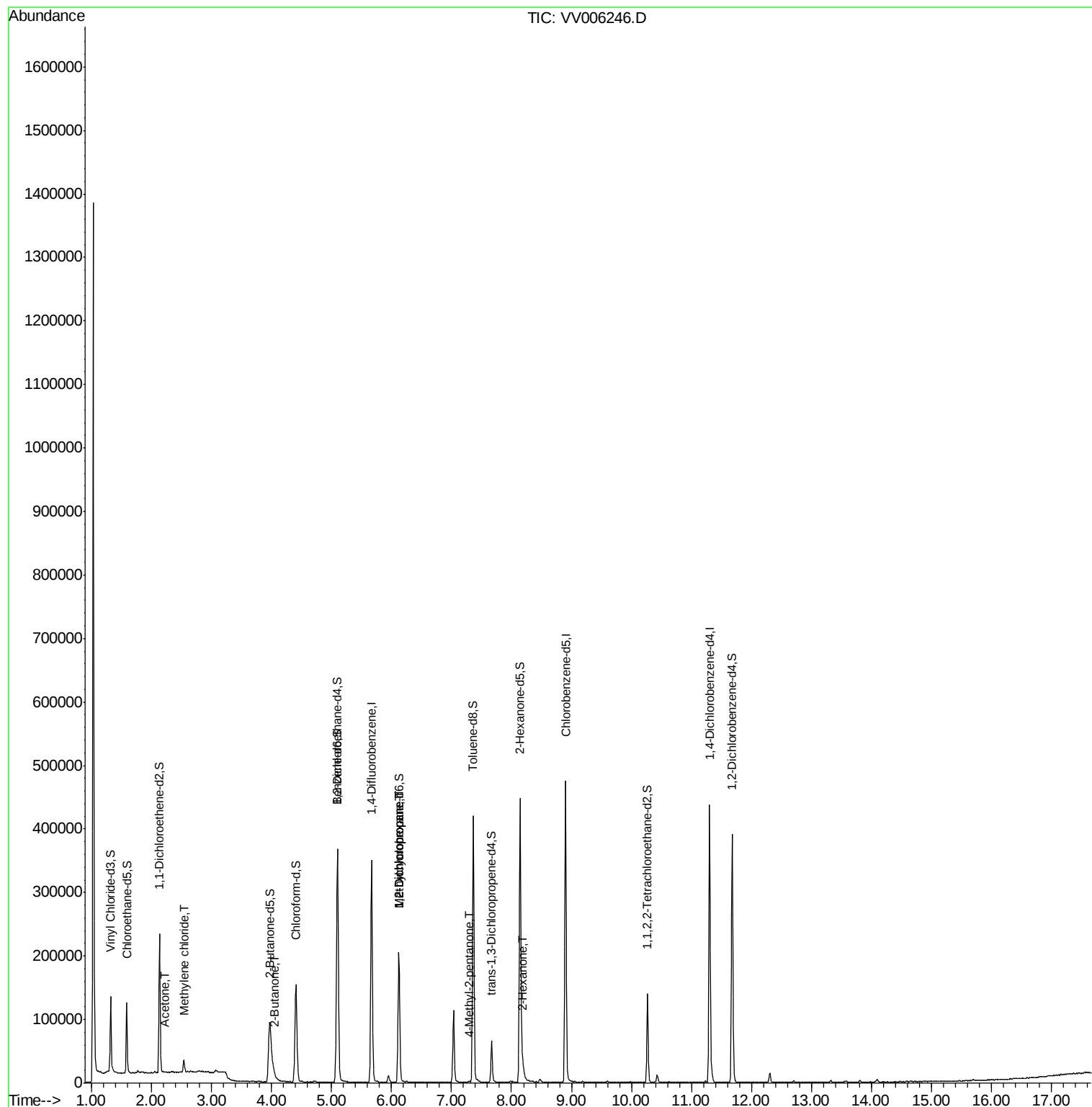
						Qvalue
13) Acetone	2.23	43	1678	0.86	ug/L	98
16) Methylene chloride	2.54	84	8025	0.41	ug/L	93
21) 2-Butanone	4.06	43	750	0.21	ug/L	99
35) Methylcyclohexane	6.12	83	24489	0.69	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	11048	0.61	ug/L #	85
40) 4-Methyl-2-pentanone	7.29	43	1969	0.21	ug/L #	70
48) 2-Hexanone	8.19	43	12484	1.90	ug/L #	86

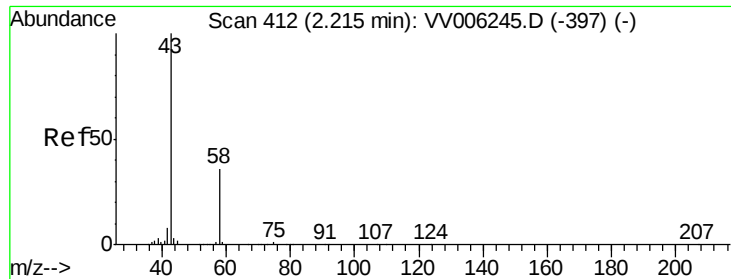
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :
VBLK72

Quant Time: Jun 13 01:21:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 13 01:21:06 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.86 ug/L

RT: 2.23 min Scan# 416

Delta R.T. 0.01 min

Lab File: VV006246.D

Acq: 12 Jun 2018 13:54

Instrument :

MSVOA_V

ClientSampled :

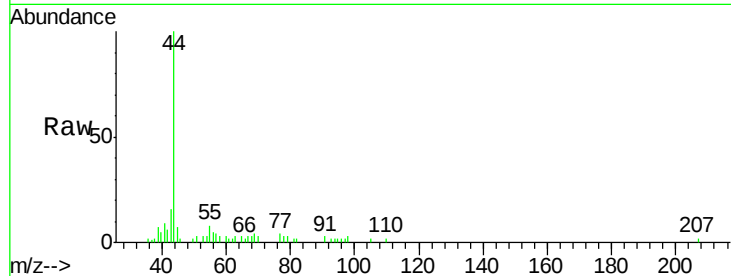
VBLK72

Tgt Ion: 43 Resp: 1678

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

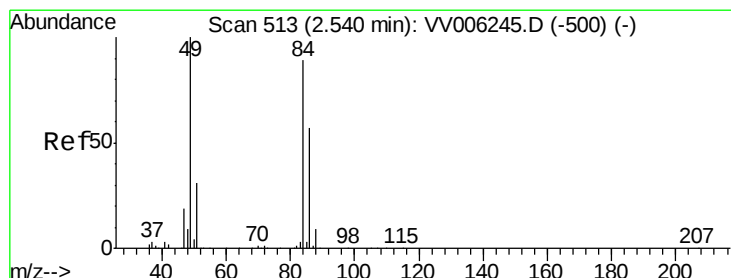
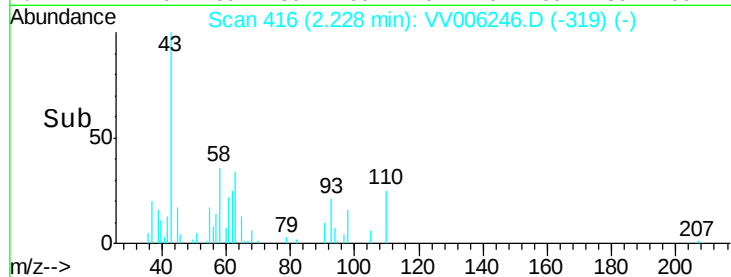
2.23

1000

500

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.41 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV006246.D

Acq: 12 Jun 2018 13:54

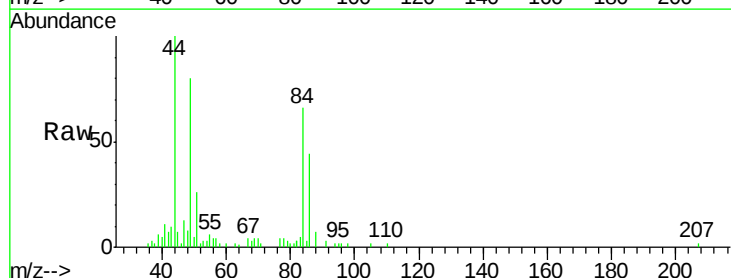
Tgt Ion: 84 Resp: 8025

Ion Ratio Lower Upper

84 100

86 66.5 44.2 82.0

49 121.8 78.8 146.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

8000

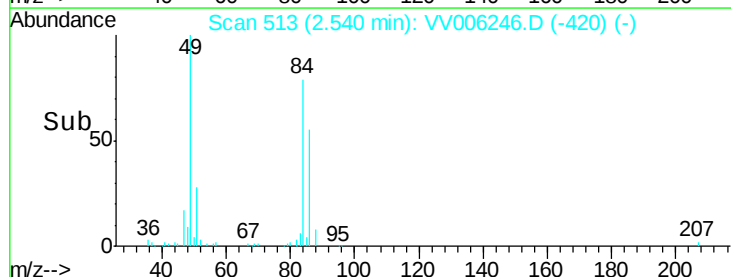
6000

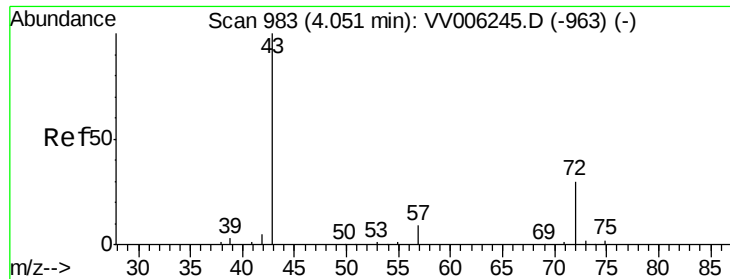
4000

2000

0

Time--> 2.50 2.55 2.60





#21

2-Butanone

Concen: 0.21 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.01 min

Lab File: VV006246.D

Acq: 12 Jun 2018 13:54

Instrument :

MSVOA_V

ClientSampleId :

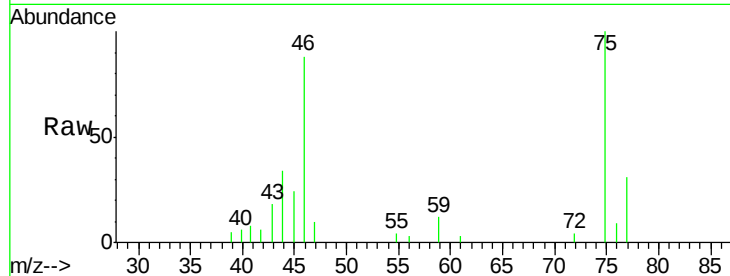
VBLK72

Tgt Ion: 43 Resp: 750

Ion Ratio Lower Upper

43 100

72 28.1 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

800

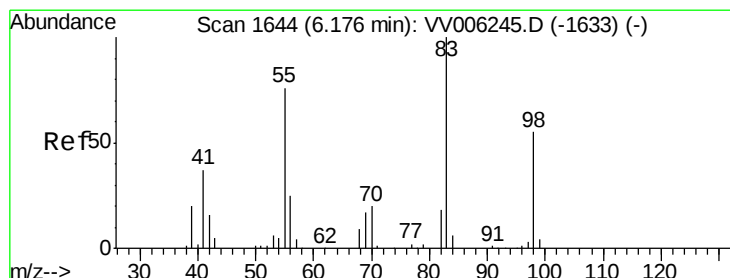
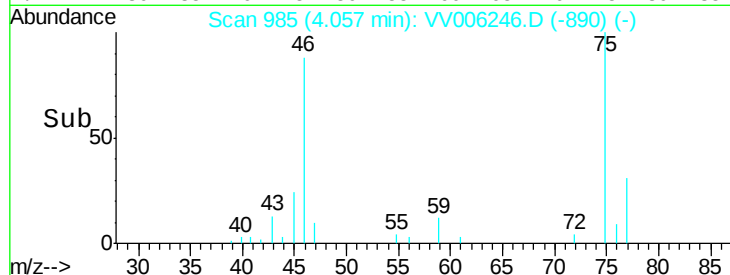
600

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 0.69 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV006246.D

Acq: 12 Jun 2018 13:54

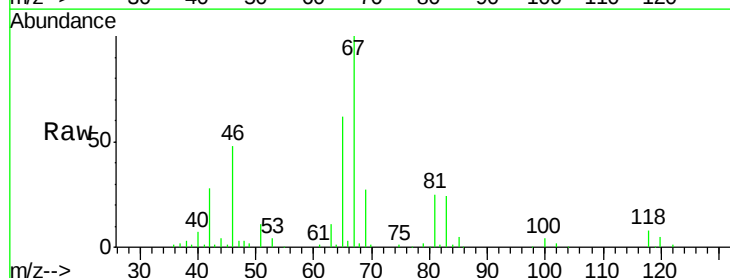
Tgt Ion: 83 Resp: 24489

Ion Ratio Lower Upper

83 100

55 1.1 57.5 86.3#

98 0.6 39.8 59.8#



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

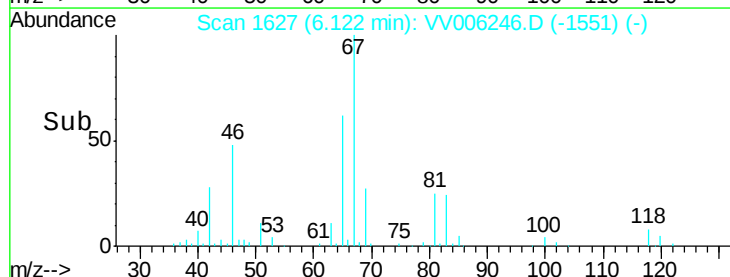
15000

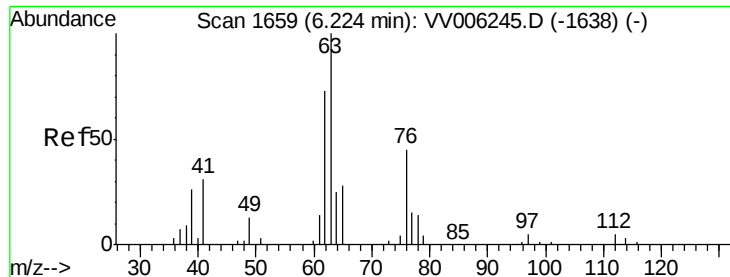
10000

5000

0

Time-->

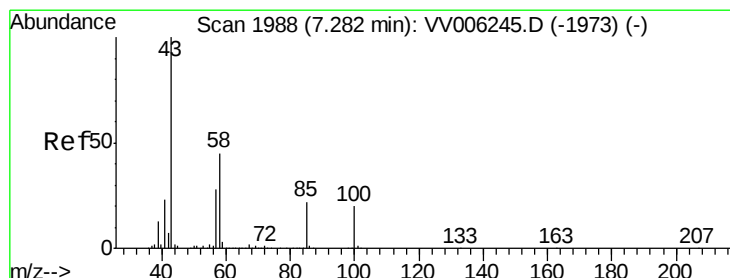
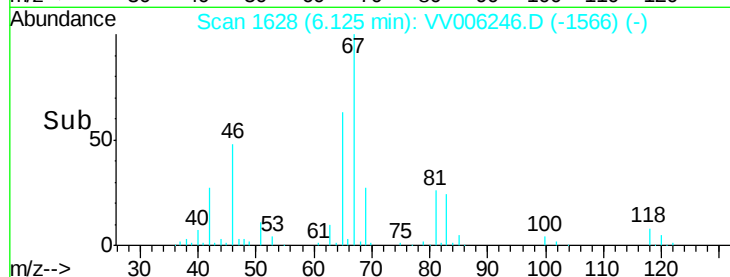
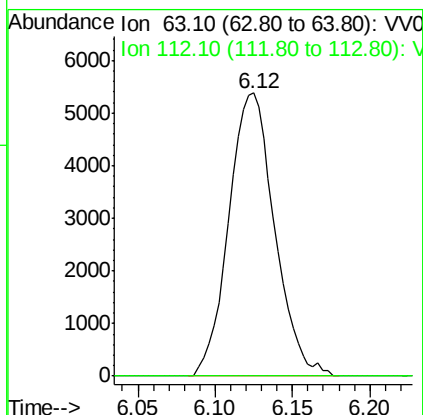
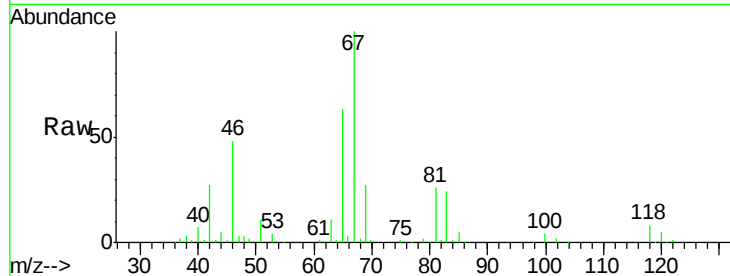




#37
 1,2-Dichloropropane
 Concen: 0.61 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006246.D
 Acq: 12 Jun 2018 13:54

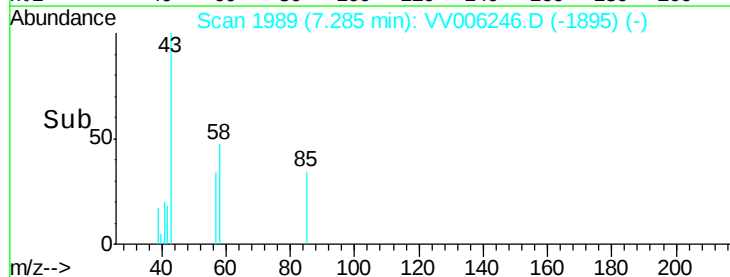
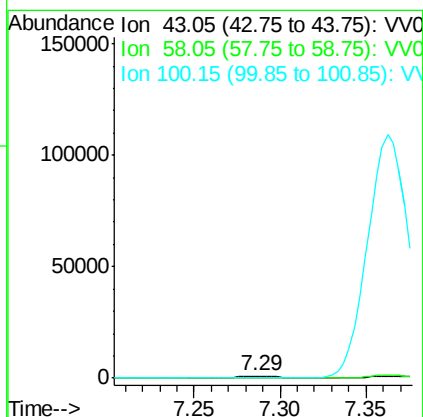
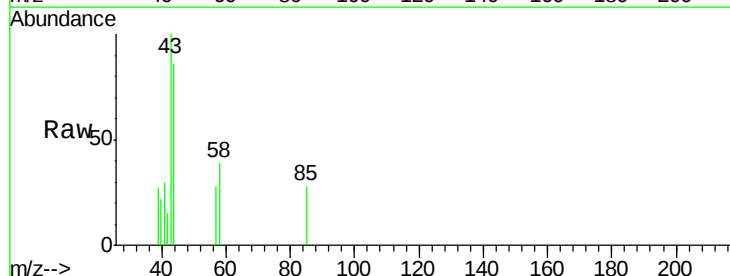
Instrument :
 MSVOA_V
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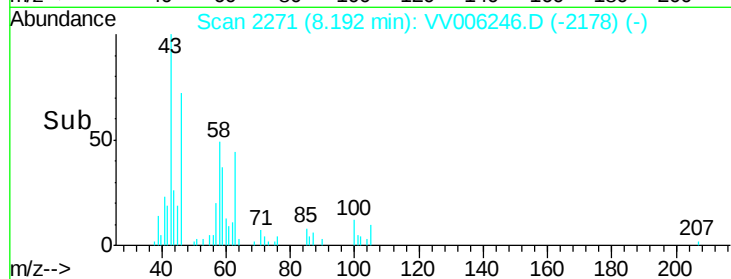
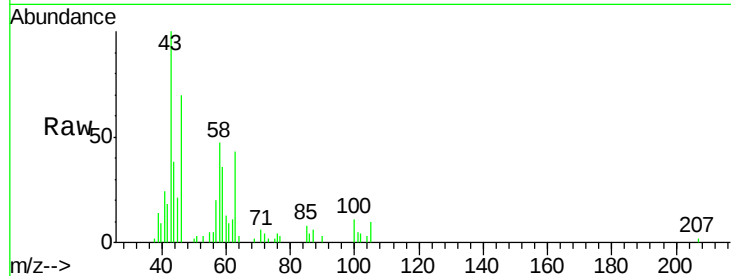
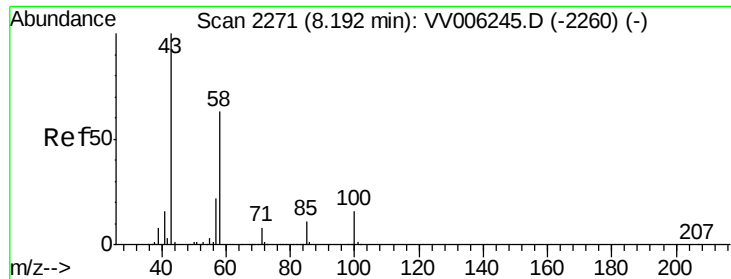
Tgt Ion: 63 Resp: 11048
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#40
 4-Methyl-2-pentanone
 Concen: 0.21 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006246.D
 Acq: 12 Jun 2018 13:54

Tgt Ion: 43 Resp: 1969
 Ion Ratio Lower Upper
 43 100
 58 28.5 36.0 54.0#
 100 0.0 15.4 23.2#





#48

2-Hexanone

Concen: 1.90 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006246.D

Acq: 12 Jun 2018 13:54

Instrument :

MSVOA_V

ClientSampleId :

VBLK72

Tgt Ion: 43 Resp: 12484

Ion Ratio Lower Upper

43 100

58 48.6 48.6 72.8

57 16.1 17.5 26.3#

100 11.2 12.6 18.8#

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

