

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
 Data File : VV005817.D
 Acq On : 07 May 2018 14:16
 Operator : SY/MD
 Sample : VV0507WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK71

Quant Time: May 08 01:23:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 08 01:22:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	255339	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102379	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.59	69	84726	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.14	63	165737	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.96	46	216615	56.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.64%
24) Chloroform-d	4.41	84	177876	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	107538	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.11	84	360561	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	112172	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.37	98	324494	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	40444	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.14	63	146728	45.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68451	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	109631	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

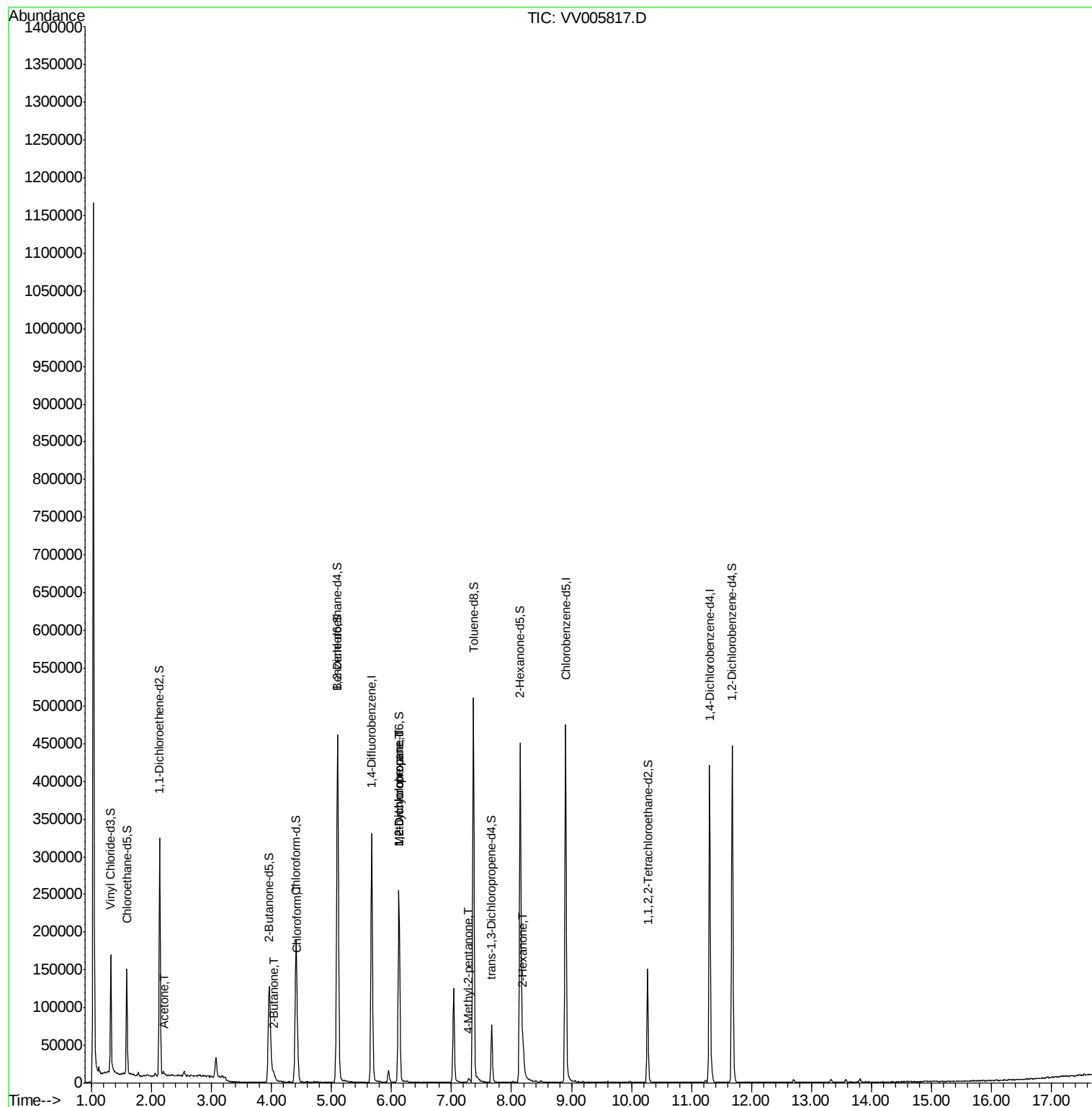
						Qvalue
13) Acetone	2.21	43	2518	0.78	ug/L	98
21) 2-Butanone	4.05	43	1602	0.37	ug/L	92
25) Chloroform	4.44	83	14011	0.34	ug/L	94
35) Methylcyclohexane	6.13	83	28495	0.98	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13936	0.78	ug/L #	90
40) 4-Methyl-2-pentanone	7.29	43	4400	0.40	ug/L #	85
48) 2-Hexanone	8.19	43	22541	2.75	ug/L #	89

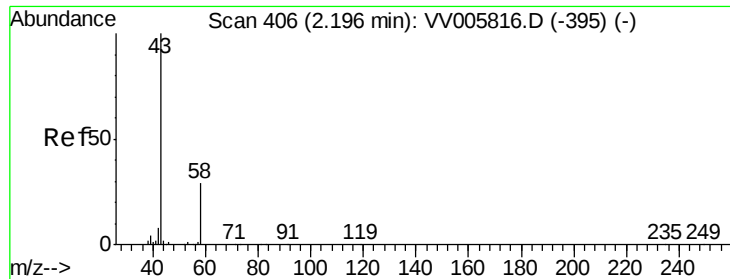
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 08 01:22:26 2018
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#13

Acetone

Concen: 0.78 ug/L

RT: 2.21 min Scan# 412

Delta R.T. 0.02 min

Lab File: VV005817.D

Acq: 07 May 2018 14:16

Instrument :

MSVOA_V

ClientSampleId :

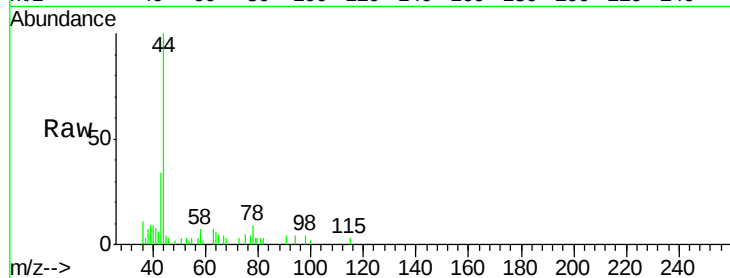
VBLK71

Tgt Ion: 43 Resp: 2518

Ion Ratio Lower Upper

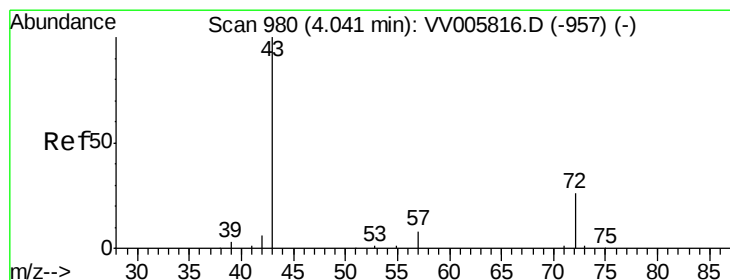
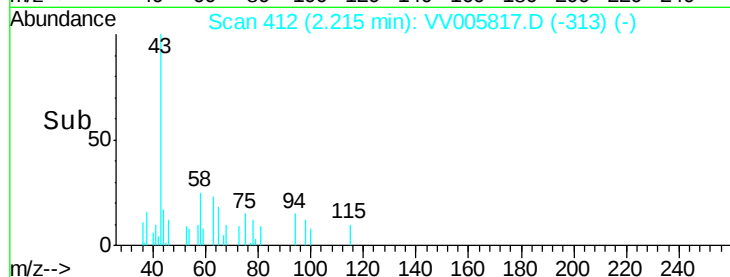
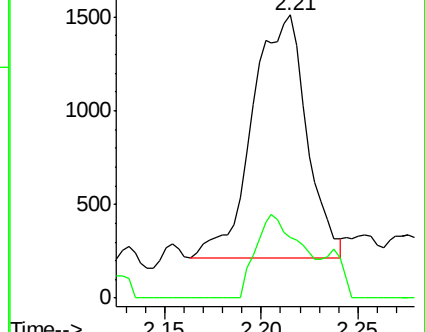
43 100

58 29.9 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV005817.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VV005817.D (-412) (-)



#21

2-Butanone

Concen: 0.37 ug/L

RT: 4.05 min Scan# 983

Delta R.T. 0.01 min

Lab File: VV005817.D

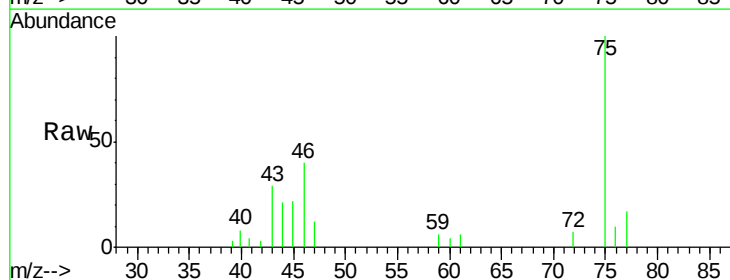
Acq: 07 May 2018 14:16

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

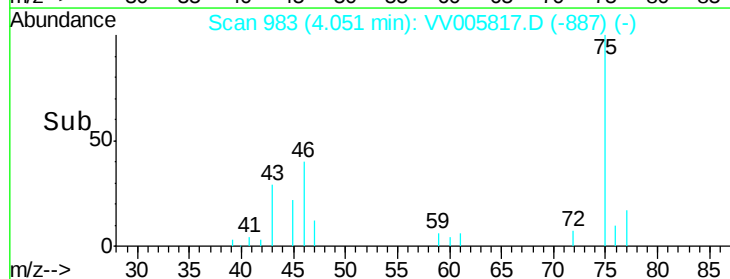
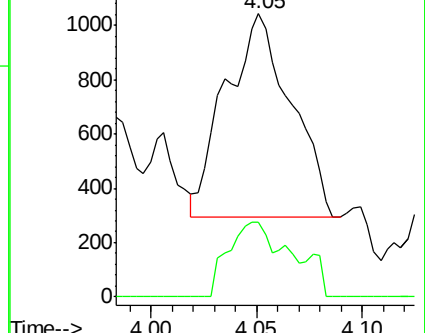
43 100

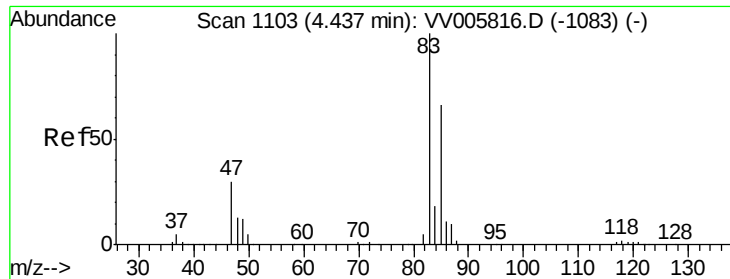
72 30.6 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VV005817.D (-983) (-)

Ion 72.10 (71.80 to 72.80): VV005817.D (-983) (-)





#25

Chloroform

Concen: 0.34 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV005817.D

Acq: 07 May 2018 14:16

Instrument :

MSVOA_V

ClientSampled :

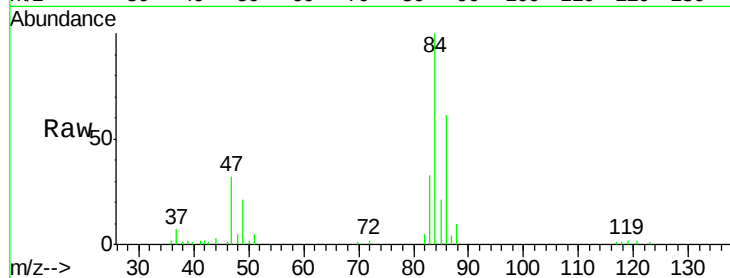
VBLK71

Tgt Ion: 83 Resp: 14011

Ion Ratio Lower Upper

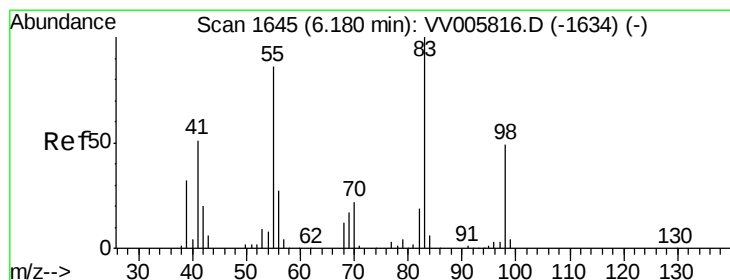
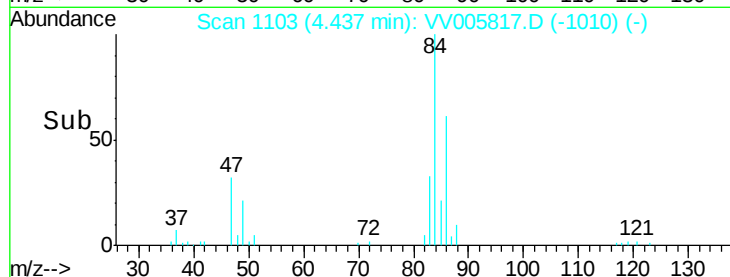
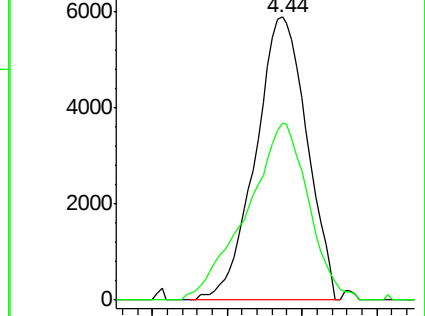
83 100

85 62.8 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.98 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV005817.D

Acq: 07 May 2018 14:16

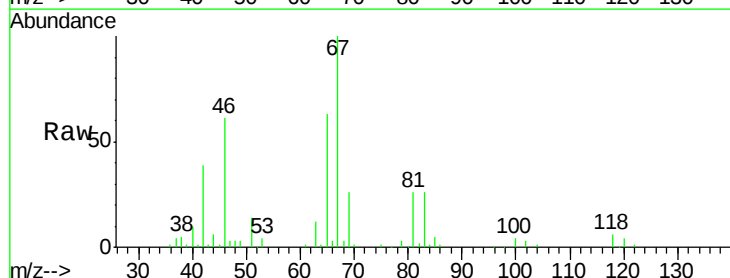
Tgt Ion: 83 Resp: 28495

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

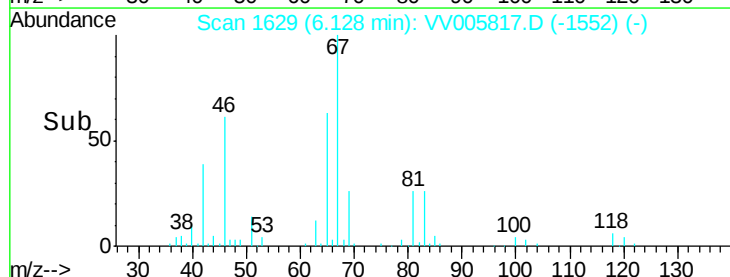
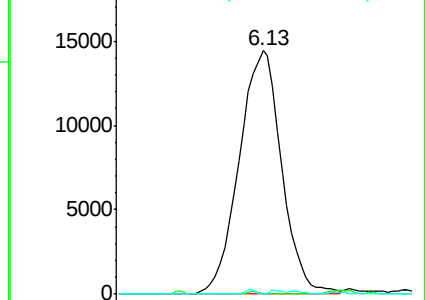
98 0.5 37.0 55.4#

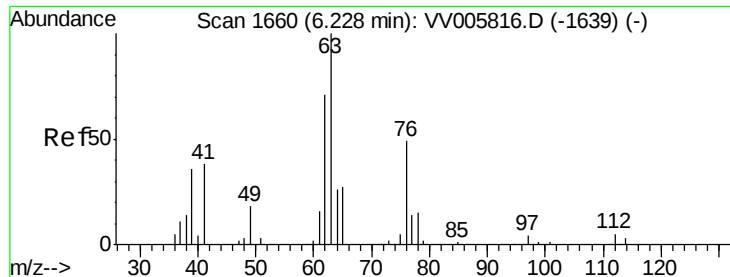


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

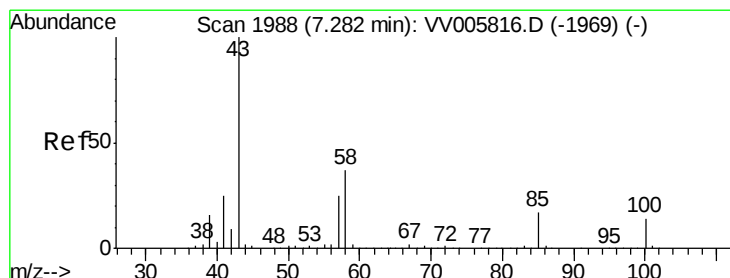
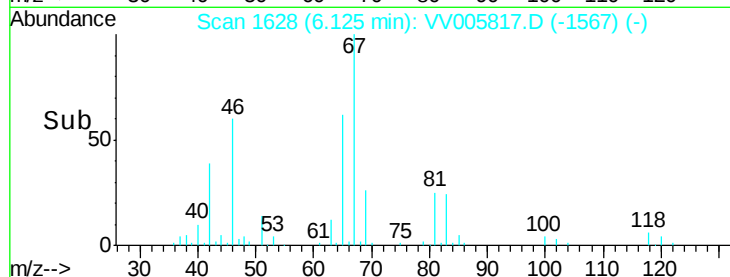
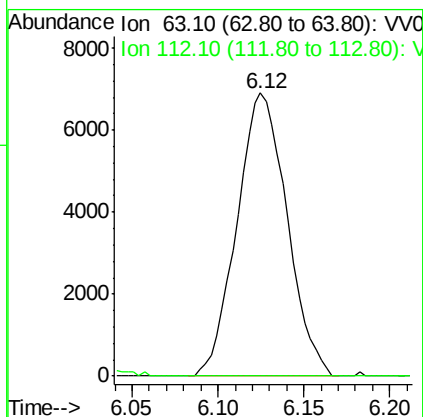
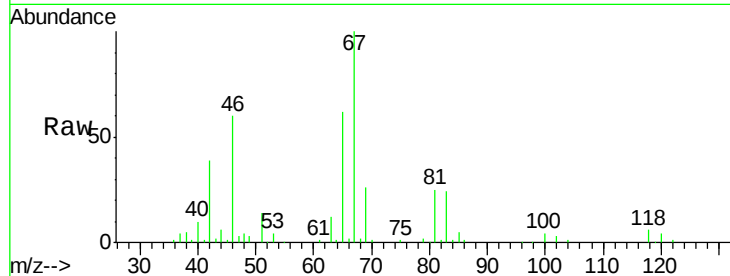




#37
 1,2-Dichloropropane
 Concen: 0.78 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV005817.D
 Acq: 07 May 2018 14:16

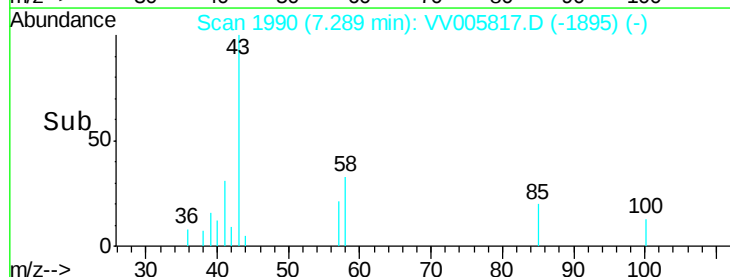
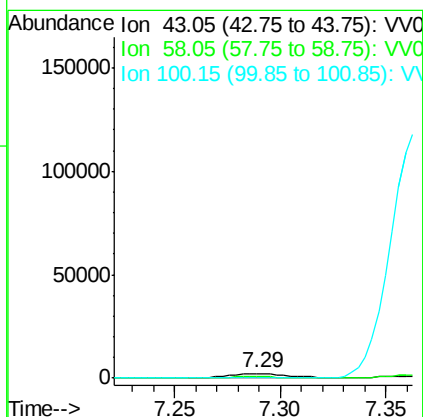
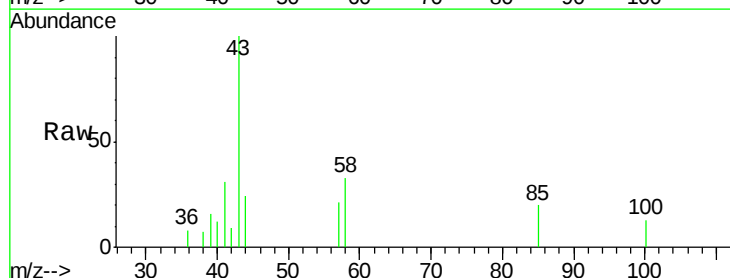
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK71

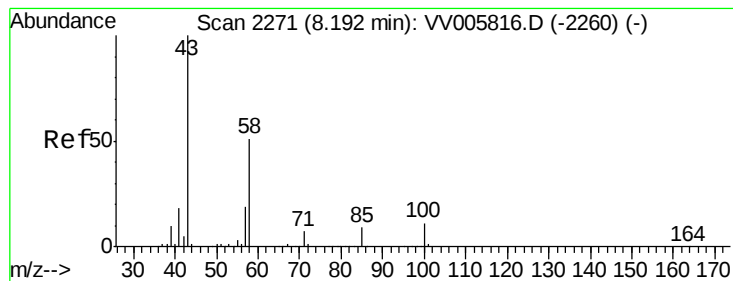
Tgt Ion: 63 Resp: 13936
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.5 5.3#



#40
 4-Methyl-2-pentanone
 Concen: 0.40 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VV005817.D
 Acq: 07 May 2018 14:16

Tgt Ion: 43 Resp: 4400
 Ion Ratio Lower Upper
 43 100
 58 30.4 28.2 42.4
 100 0.0 10.2 15.4#





#48

2-Hexanone

Concen: 2.75 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV005817.D

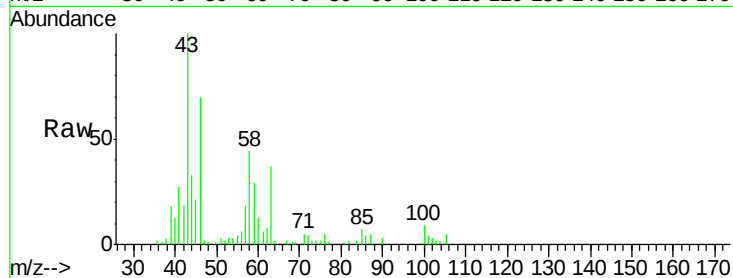
Acq: 07 May 2018 14:16

Instrument :

MSVOA_V

ClientSampleId :

VBLK71



Tgt Ion: 43 Resp: 22541

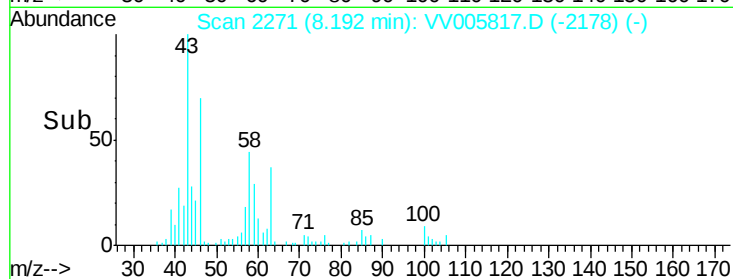
Ion Ratio Lower Upper

43 100

58 41.0 40.2 60.2

57 15.8 14.6 22.0

100 8.1 8.6 12.8#



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

