

Data File : VU031861.D
Acq On : 09 May 2019 08:41
Operator : JC/SP
Sample : VU0508WBL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK13

Quant Time: May 10 03:39:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 10 03:36:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	394582	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134877	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	118792	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.27	63	193644	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.21	46	535517	51.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	4.64	84	268909	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	152681	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.33	84	498103	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	179599	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.56	98	366458	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.85	79	53144	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.31	63	336404	48.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142412	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	134580	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

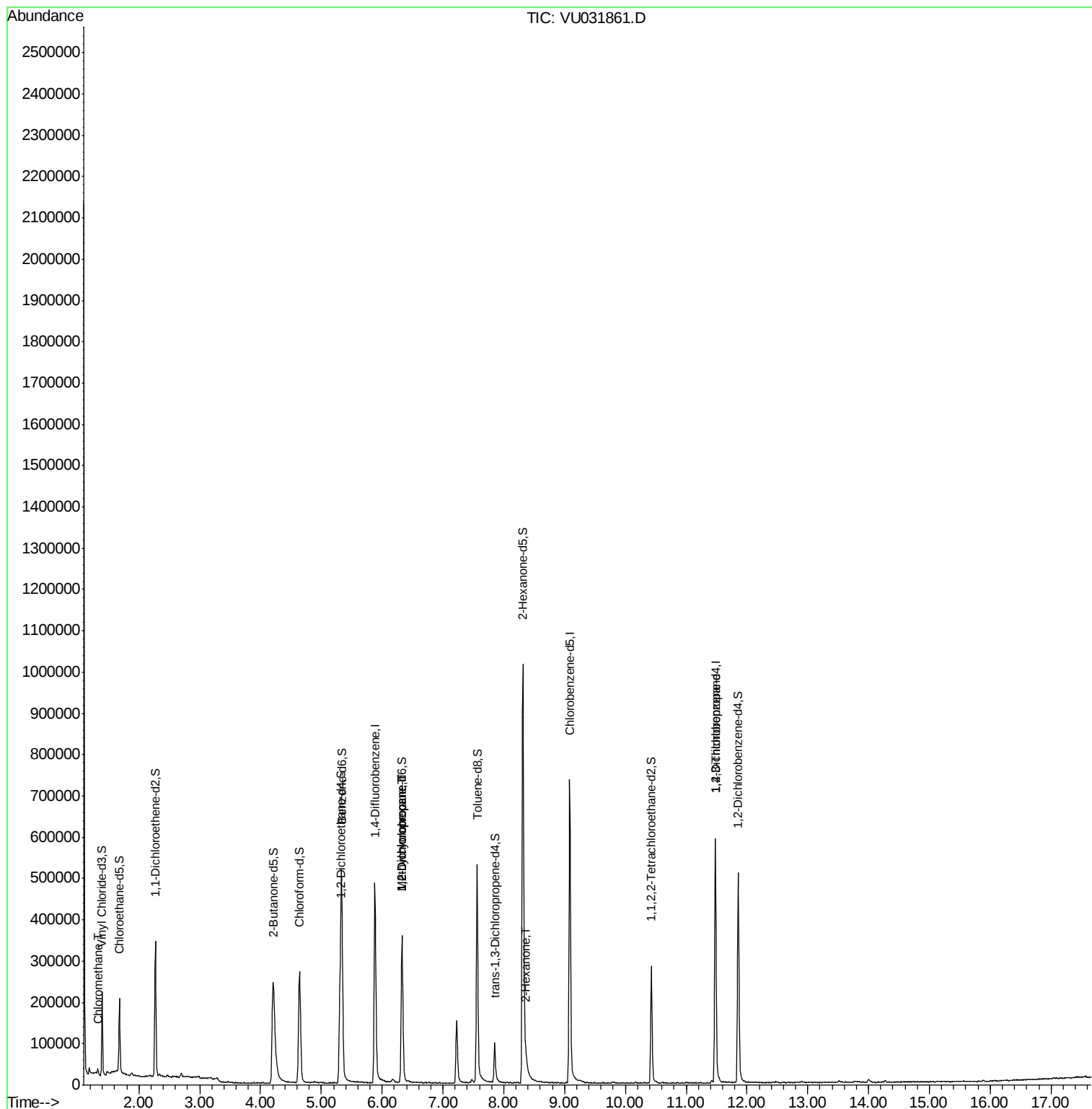
					Qvalue
3) Chloromethane	1.32	50	7763	0.143 ug/L	89
35) Methylcyclohexane	6.33	83	37445	0.712 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	18122	0.436 ug/L #	94
48) 2-Hexanone	8.37	43	27281	1.372 ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	21288	0.865 ug/L	96

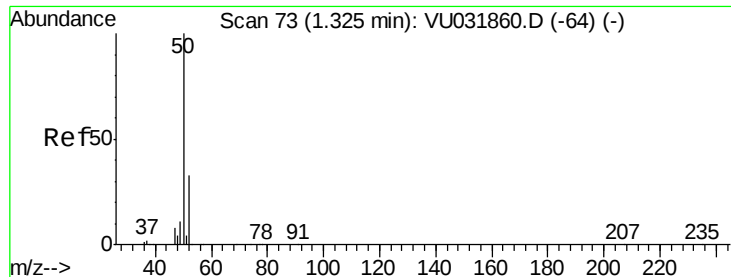
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.143 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 09 May 2019 08:41

Instrument :

MSVOA_U

ClientSampleId :

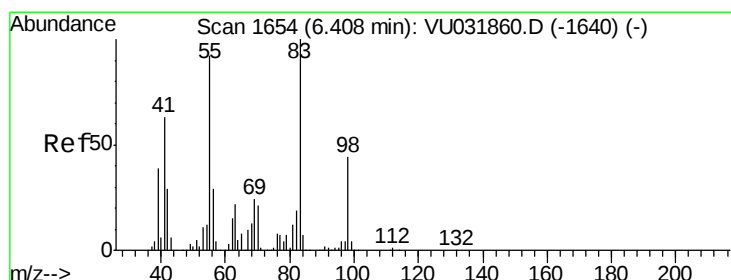
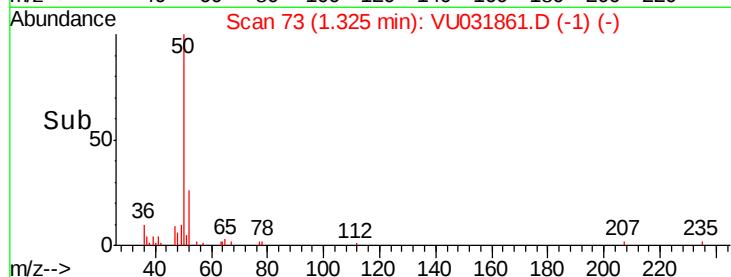
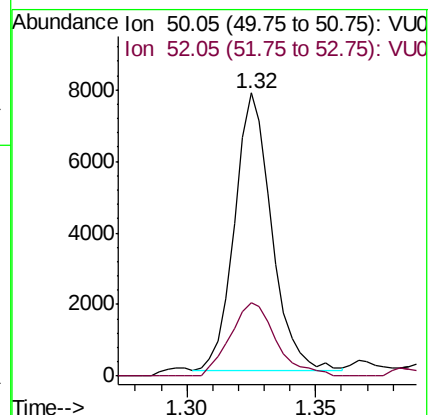
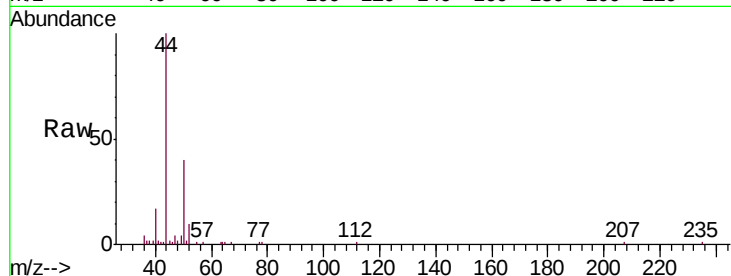
VBLK13

Tgt Ion: 50 Resp: 7763

Ion Ratio Lower Upper

50 100

52 25.8 22.5 41.7



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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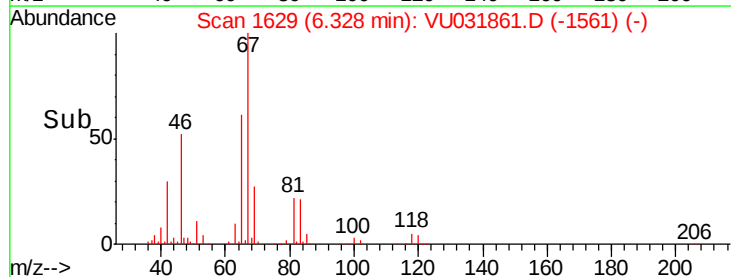
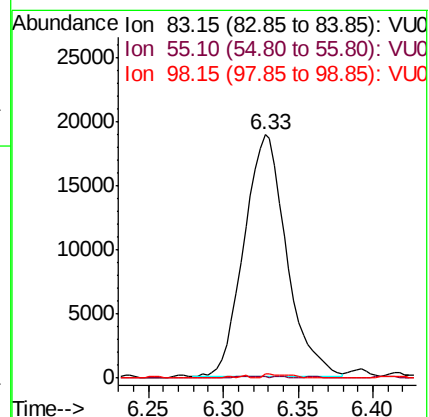
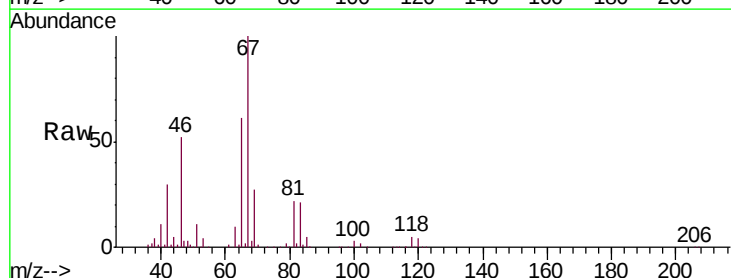
Tgt Ion: 83 Resp: 37445

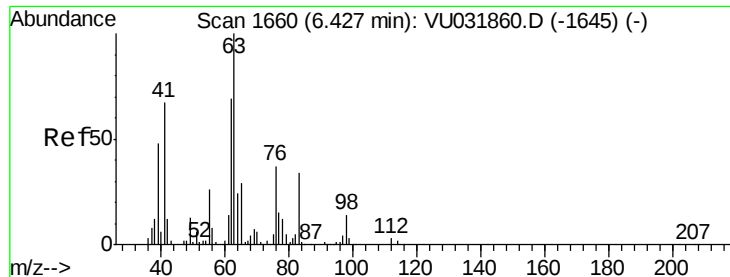
Ion Ratio Lower Upper

83 100

55 0.5 79.2 118.8#

98 1.0 34.0 51.0#





#37

1,2-Dichloropropane

Concen: 0.436 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

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Instrument :

MSVOA_U

ClientSampleId :

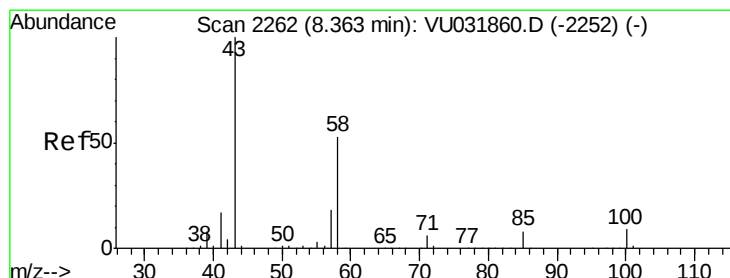
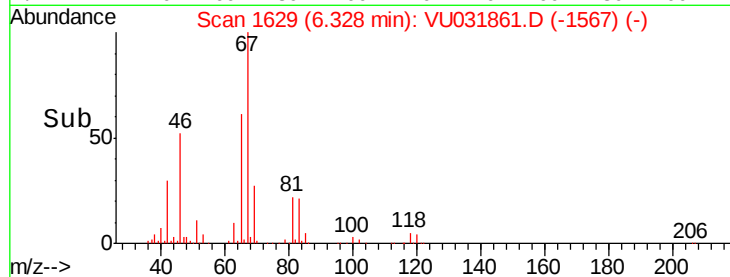
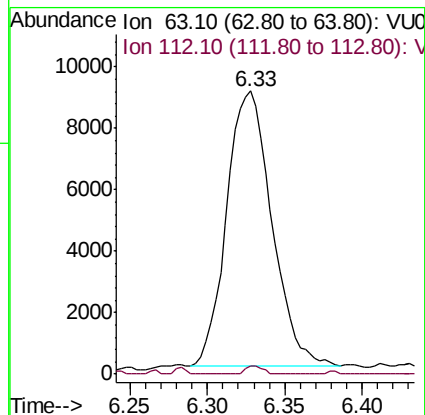
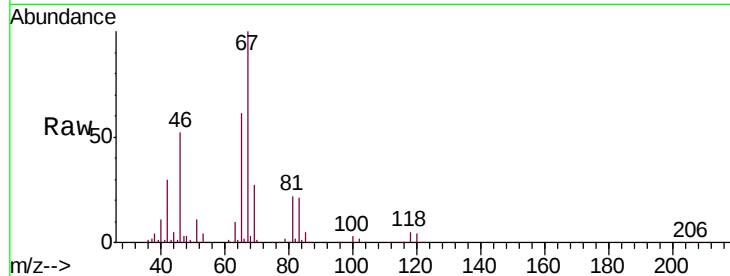
VBLK13

Tgt Ion: 63 Resp: 18122

Ion Ratio Lower Upper

63 100

112 1.1 2.5 3.7#



#48

2-Hexanone

Concen: 1.372 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 27281

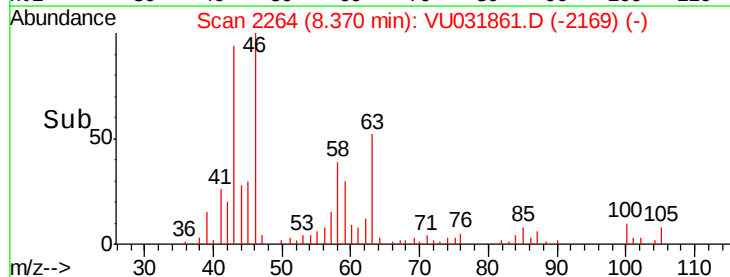
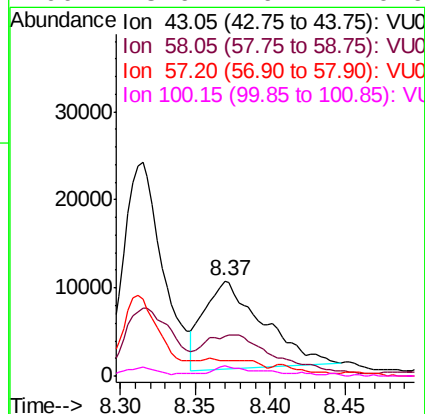
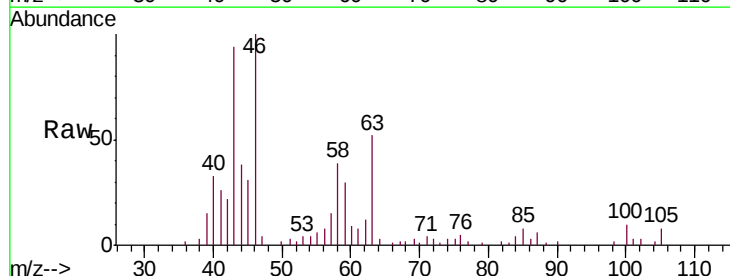
Ion Ratio Lower Upper

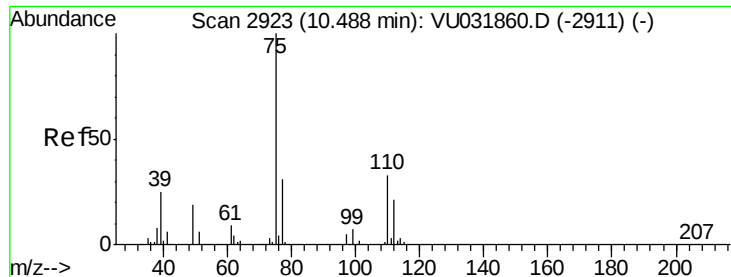
43 100

58 55.4 40.2 60.2

57 17.7 13.8 20.6

100 3.6 6.4 9.6#





#59

1,2,3-Trichloropropane

Concen: 0.865 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031861.D

Acq: 09 May 2019 08:41

Instrument :

MSVOA_U

ClientSampleId :

VBLK13

Tgt Ion: 75 Resp: 21288

Ion Ratio Lower Upper

75 100

77 35.1 26.3 39.5

