

Data File : VU031838.D
Acq On : 08 May 2019 22:41
Operator : JC/SP
Sample : VU0508WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK12

Quant Time: May 09 07:01:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	404162	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124276	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.68	69	111457	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.27	63	185635	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.20	46	510472	47.47	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.94%
24) Chloroform-d	4.64	84	256474	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.31	65	145144	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.33	84	481880	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	173569	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.56	98	362726	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.85	79	51946	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.31	63	337955	48.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142404	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	129154	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

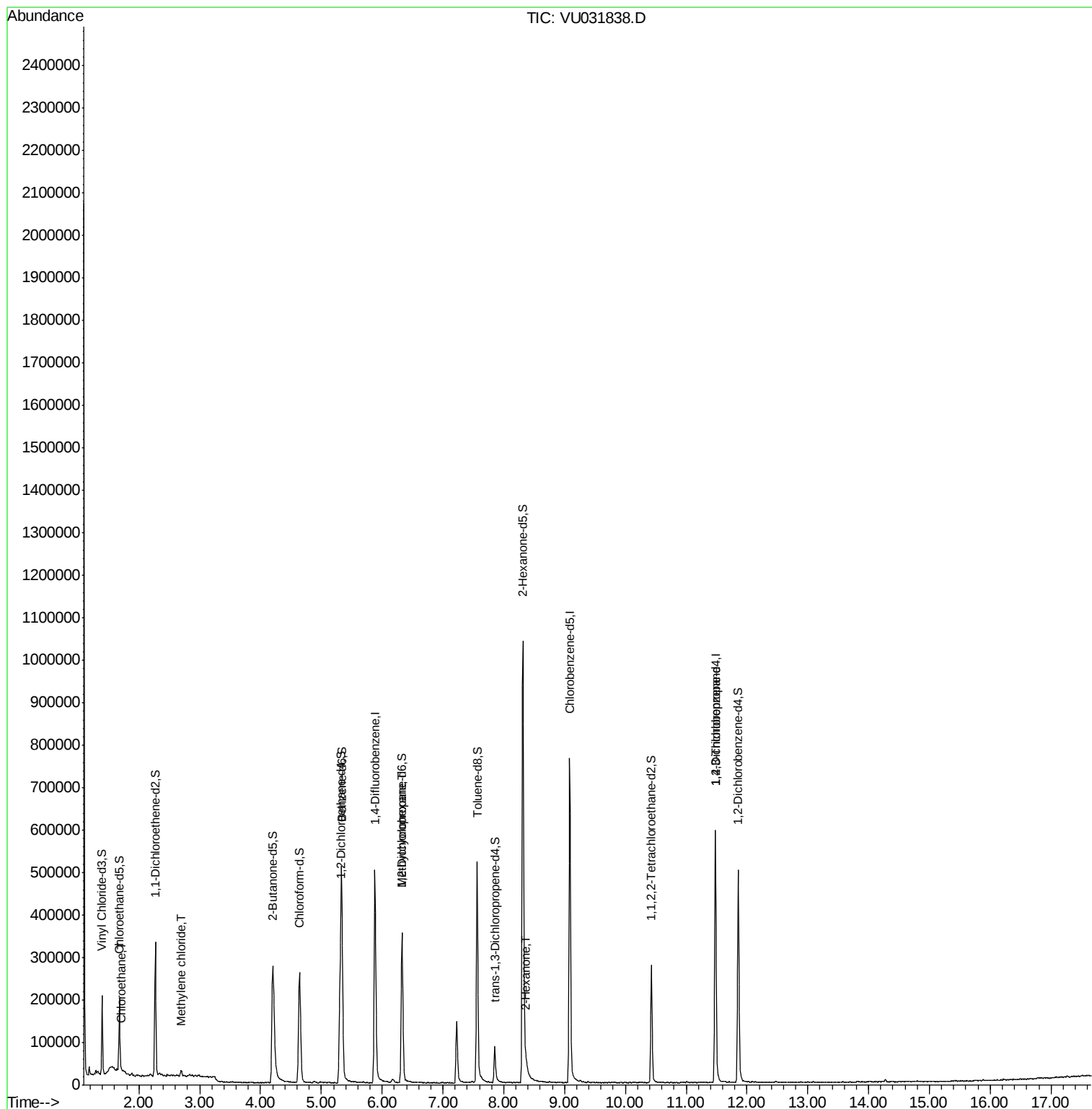
					Qvalue
8) Chloroethane	1.71	64	2590	0.097 ug/L #	52
16) Methylene chloride	2.69	84	5920	0.155 ug/L	82
35) Methylcyclohexane	6.33	83	37246	0.704 ug/L #	11
48) 2-Hexanone	8.37	43	26424	1.322 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	22472	0.909 ug/L	95

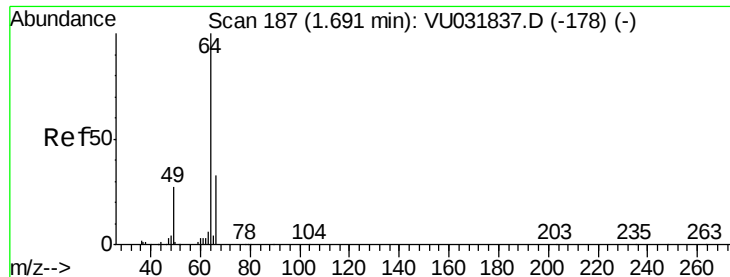
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.097 ug/L

RT: 1.71 min Scan# 194

Delta R.T. 0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

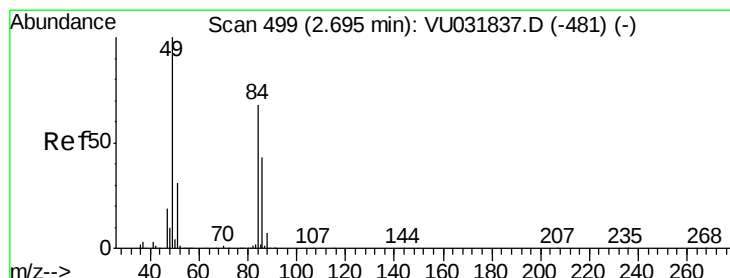
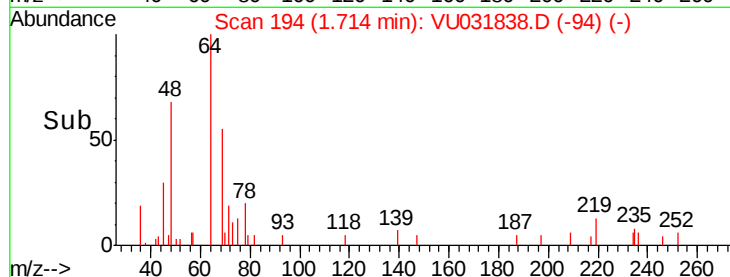
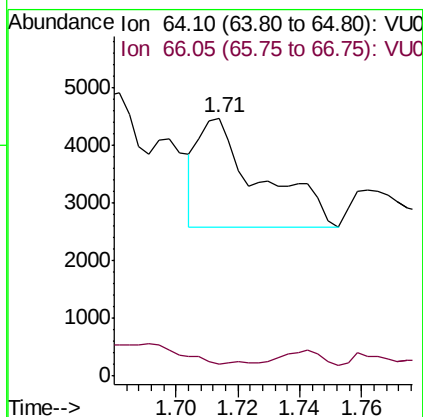
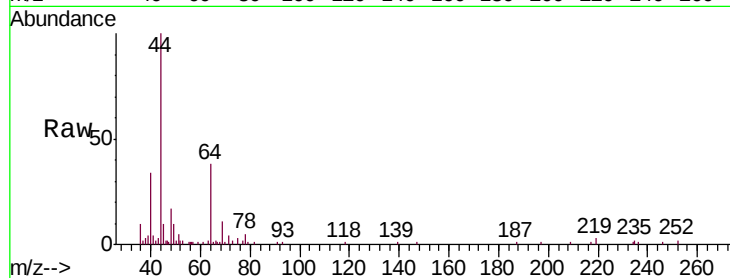
VBLK12

Tgt Ion: 64 Resp: 2590

Ion Ratio Lower Upper

64 100

66 4.7 21.9 40.7#



#16

Methylene chloride

Concen: 0.155 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

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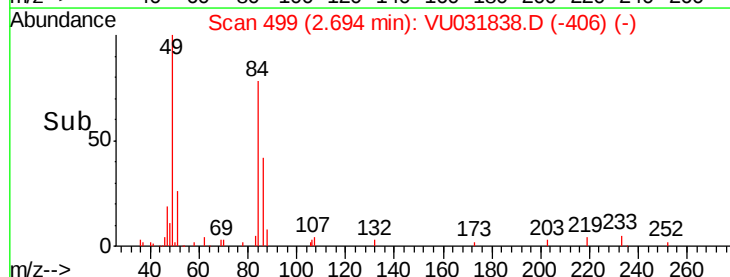
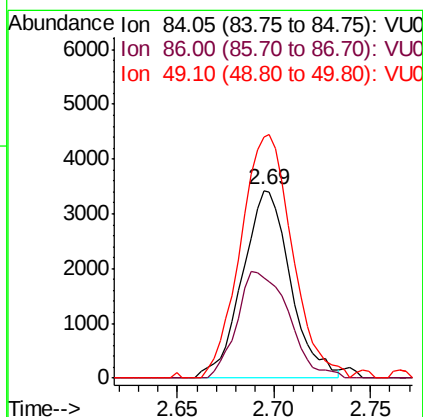
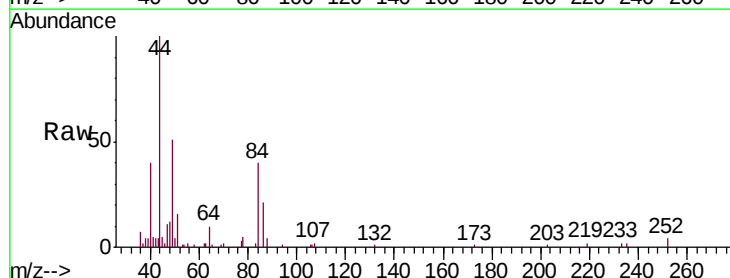
Tgt Ion: 84 Resp: 5920

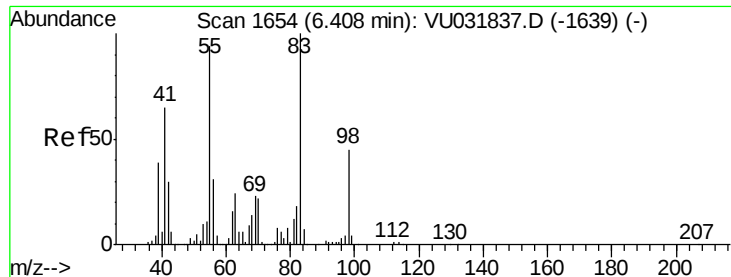
Ion Ratio Lower Upper

84 100

86 53.5 45.6 84.8

49 128.2 106.7 198.1

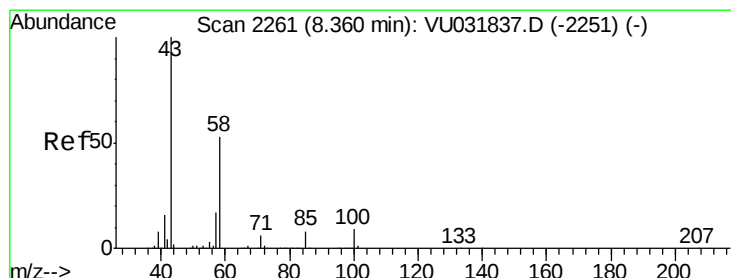
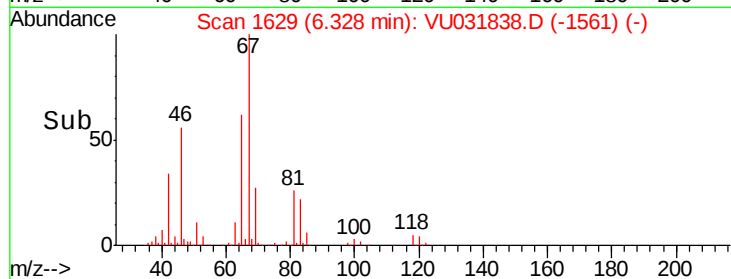
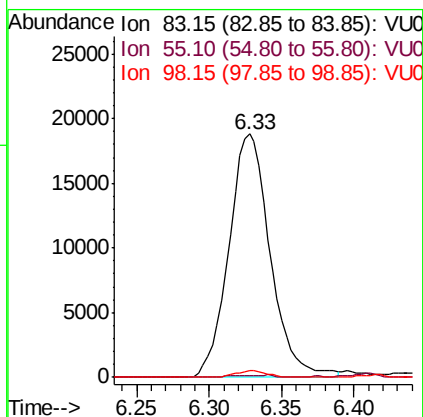
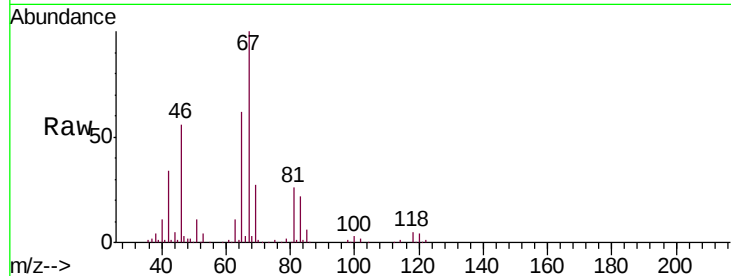




#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
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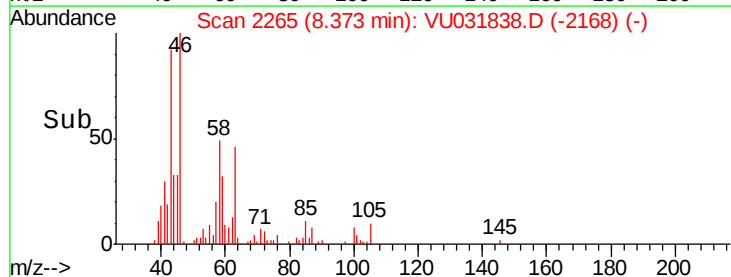
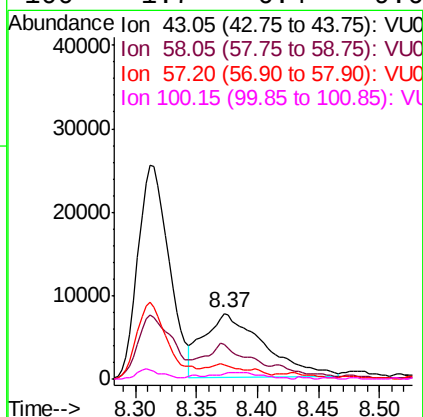
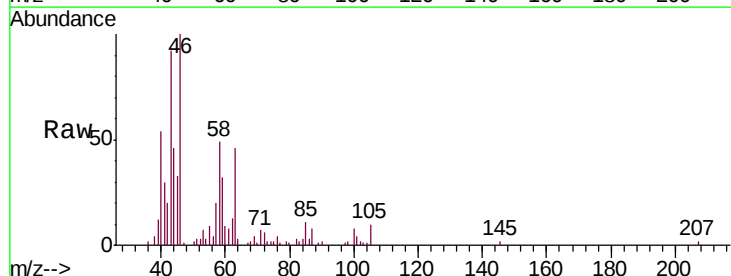
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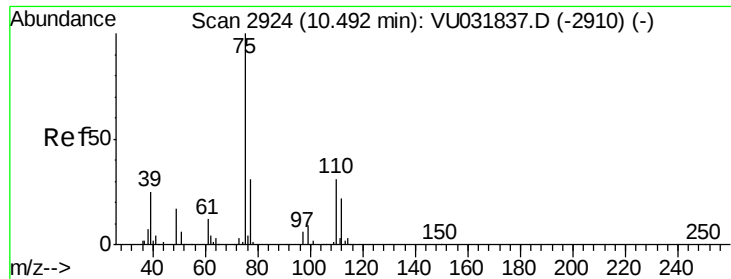
Tgt Ion: 83 Resp: 37246
Ion Ratio Lower Upper
83 100
55 0.3 79.2 118.8#
98 2.0 34.0 51.0#



#48
2-Hexanone
Concen: 1.322 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031838.D
Acq: 08 May 2019 22:41

Tgt Ion: 43 Resp: 26424
Ion Ratio Lower Upper
43 100
58 23.4 40.2 60.2#
57 4.9 13.8 20.6#
100 1.7 6.4 9.6#





#59

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031838.D

Acq: 08 May 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

VBLK12

Tgt Ion: 75 Resp: 22472

Ion Ratio Lower Upper

75 100

77 35.5 26.3 39.5

