

Data File : VU031831.D
Acq On : 08 May 2019 19:22
Operator : JC/SP
Sample : K2744-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D44

Quant Time: May 09 05:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	421544	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	165985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138432	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.67	69	121873	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.27	63	204497	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.19	46	501652	44.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.44%
24) Chloroform-d	4.64	84	270934	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	155626	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.33	84	519679	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.33	67	185523	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.56	98	408940	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	57865	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.31	63	331180	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143838	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	143807	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

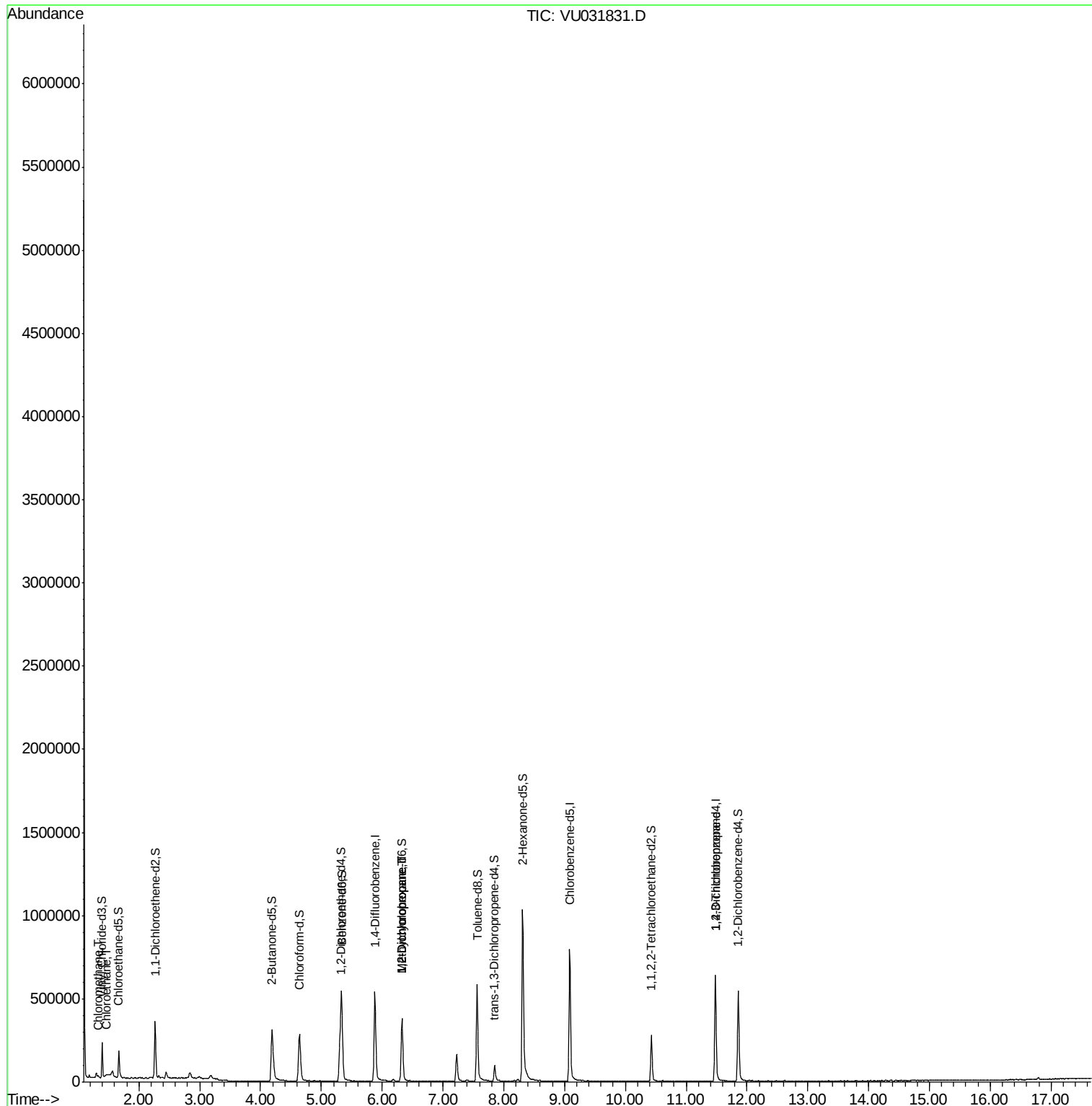
					Qvalue
3) Chloromethane	1.33	50	9746	0.169 ug/L	100
8) Chloroethane	1.48	64	43794	1.573 ug/L #	52
35) Methylcyclohexane	6.33	83	38191	0.693 ug/L #	11
37) 1,2-Dichloropropane	6.32	63	19939	0.458 ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	20532	0.796 ug/L #	88

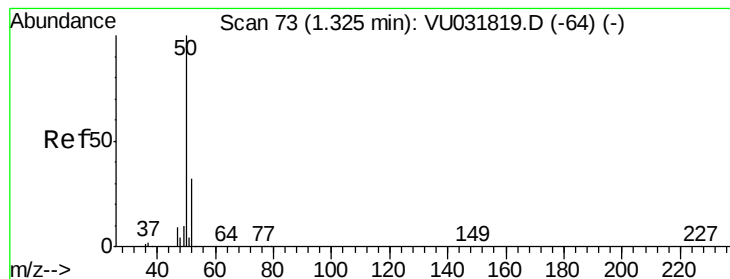
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.169 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

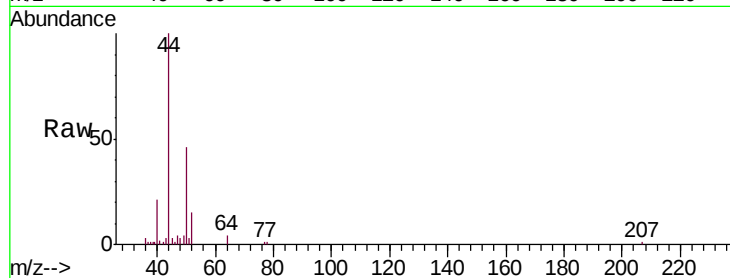
F9D44

Tgt Ion: 50 Resp: 9746

Ion Ratio Lower Upper

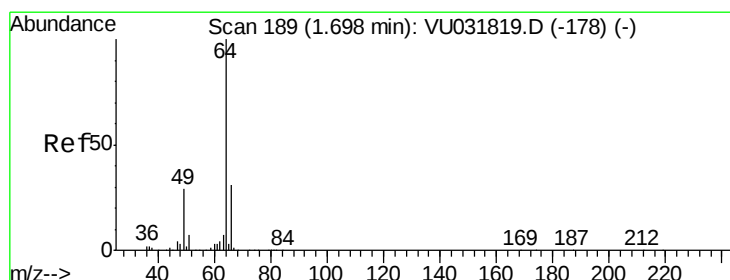
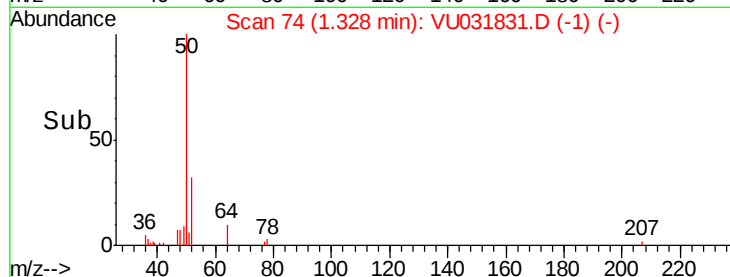
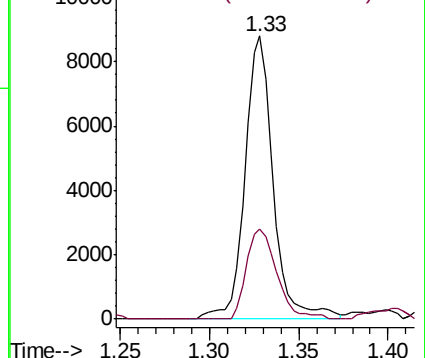
50 100

52 32.0 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 1.573 ug/L

RT: 1.48 min Scan# 121

Delta R.T. -0.22 min

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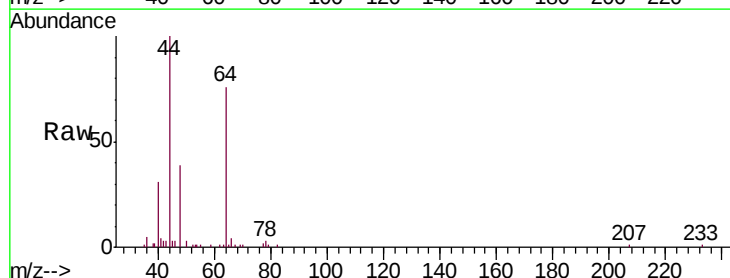
Acq: 08 May 2019 19:22

Tgt Ion: 64 Resp: 43794

Ion Ratio Lower Upper

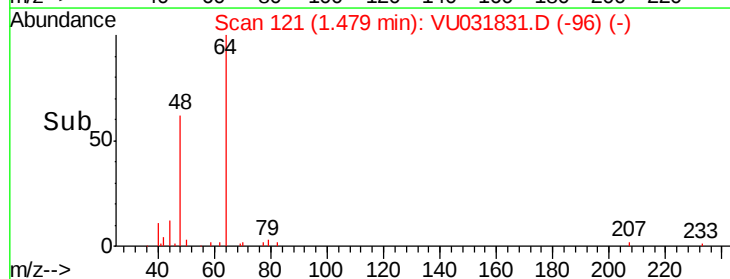
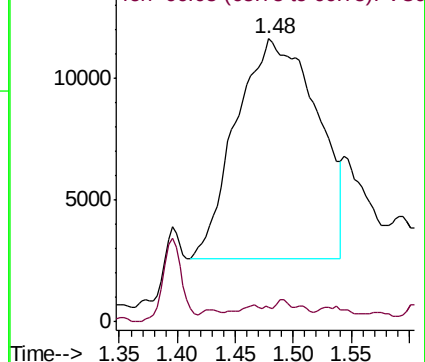
64 100

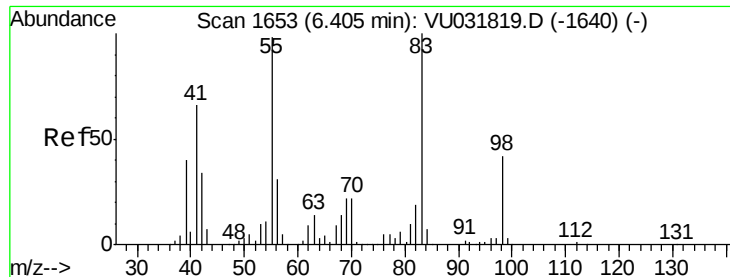
66 5.1 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

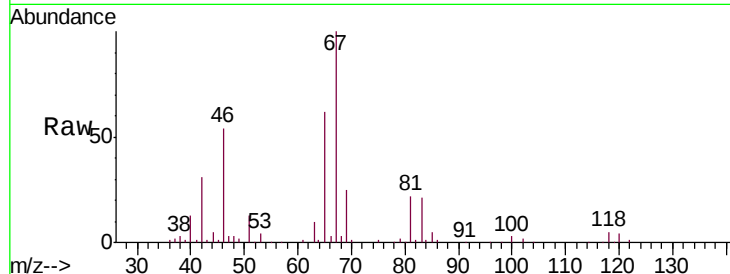




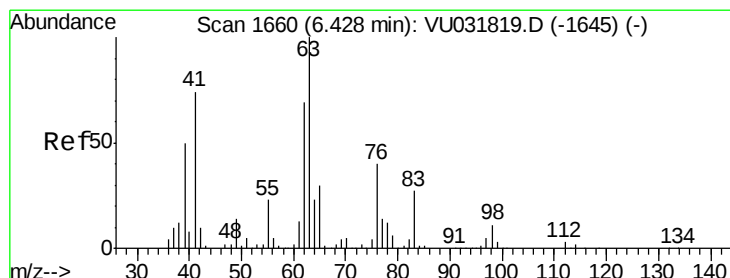
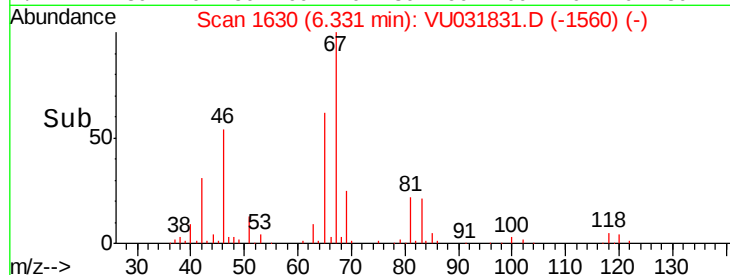
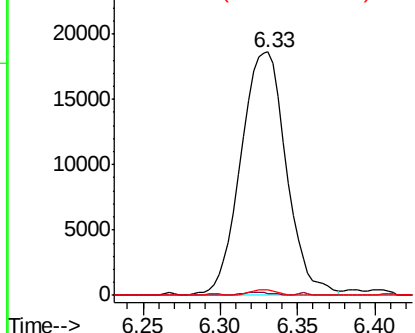
#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.07 min
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Instrument :
MSVOA_U
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F9D44

Tgt Ion: 83 Resp: 38191
Ion Ratio Lower Upper
83 100
55 0.8 79.2 118.8#
98 1.3 34.0 51.0#

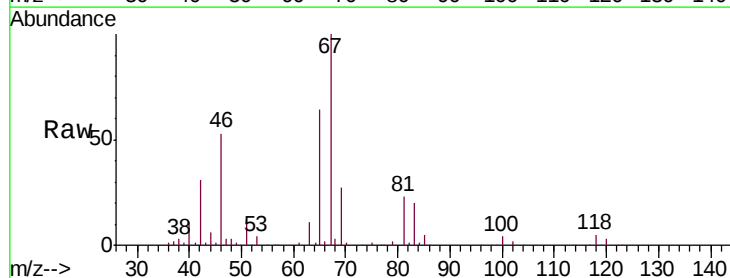


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

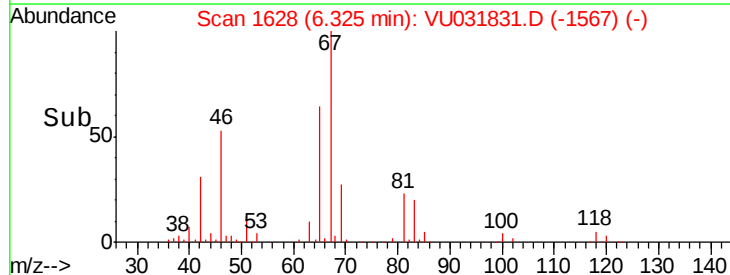
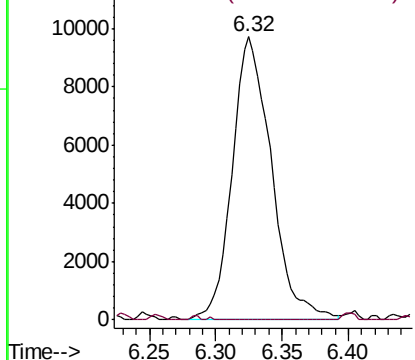


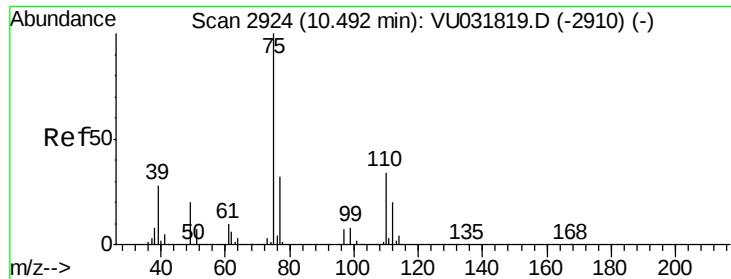
#37
1,2-Dichloropropane
Concen: 0.458 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031831.D
Acq: 08 May 2019 19:22

Tgt Ion: 63 Resp: 19939
Ion Ratio Lower Upper
63 100
112 0.1 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 0.796 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031831.D

Acq: 08 May 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

F9D44

Tgt Ion: 75 Resp: 20532

Ion Ratio Lower Upper

75 100

77 39.9 26.3 39.5#

