

Data File : VU034628.D
Acq On : 17 Sep 2019 20:52
Operator : JC/SP
Sample : K4865-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMJ9

Quant Time: Sep 18 08:08:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	98343	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	92621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	38665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40750	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.67	69	32503	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.26	63	55209	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.17	46	98978	51.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.62	84	63751	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.29	65	34549	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.31	84	130272	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.31	67	44447	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.54	98	119050	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.83	79	16636	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.30	63	78663	52.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	34601	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	35790	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

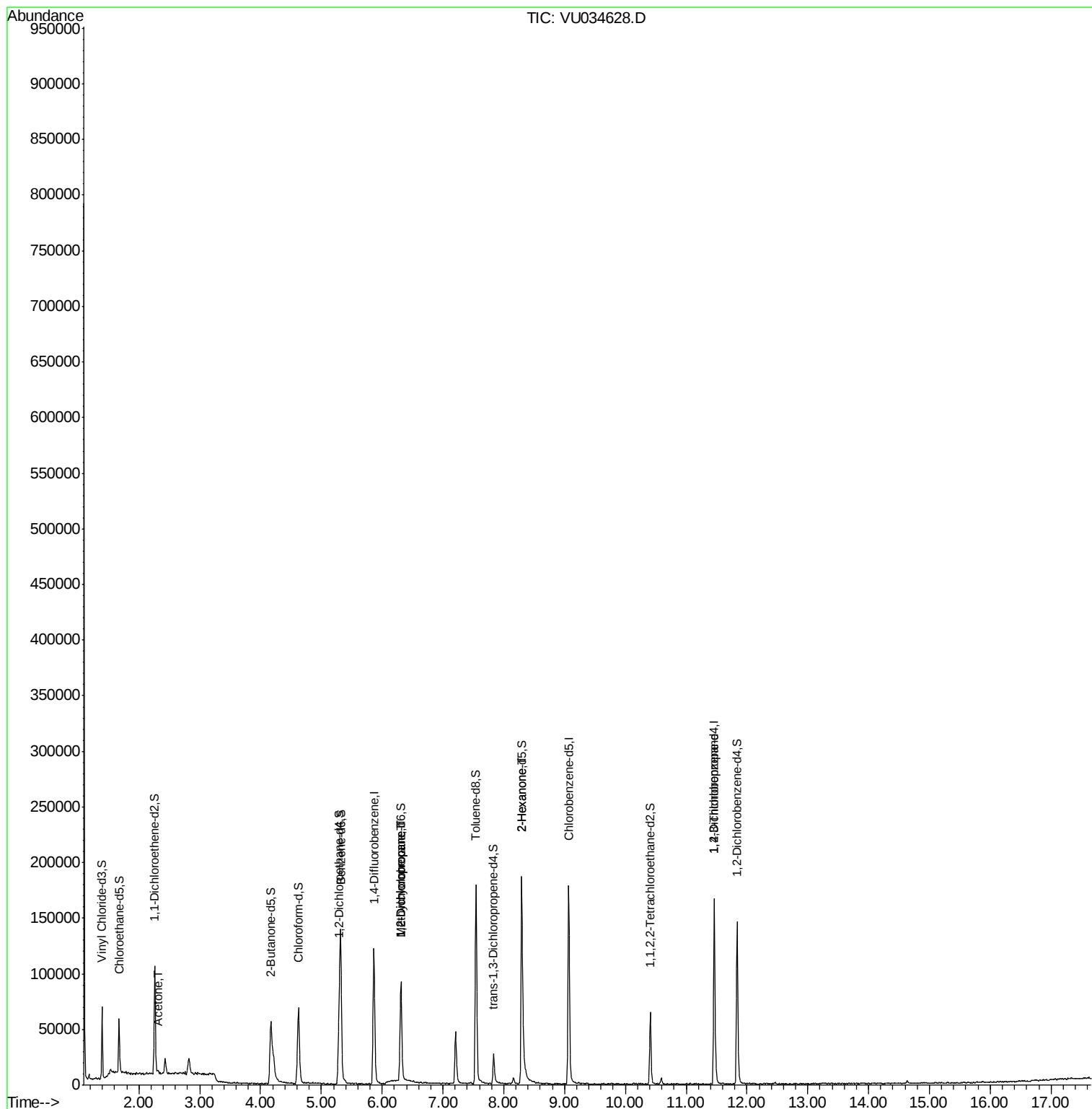
					Qvalue
13) Acetone	2.31	43	2715	1.827 ug/L	81
35) Methylcyclohexane	6.31	83	9045	0.897 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	4829	0.625 ug/L #	92
48) 2-Hexanone	8.30	43	9543	2.437 ug/L #	65
59) 1,2,3-Trichloropropane	11.46	75	7219	1.429 ug/L	97

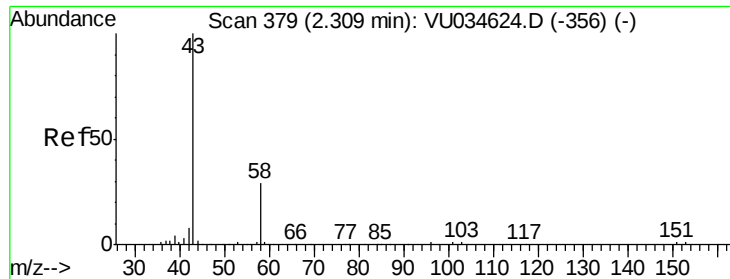
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.827 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034628.D

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Instrument :

MSVOA_U

ClientSampleId :

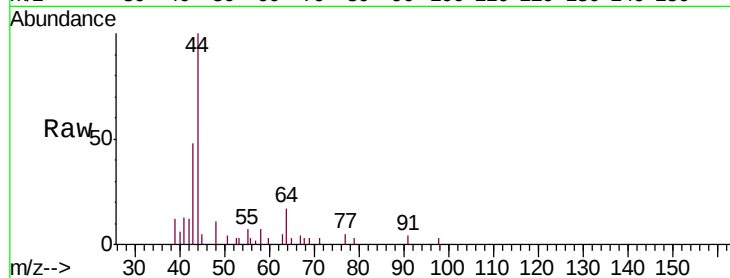
COMJ9

Tgt Ion: 43 Resp: 2715

Ion Ratio Lower Upper

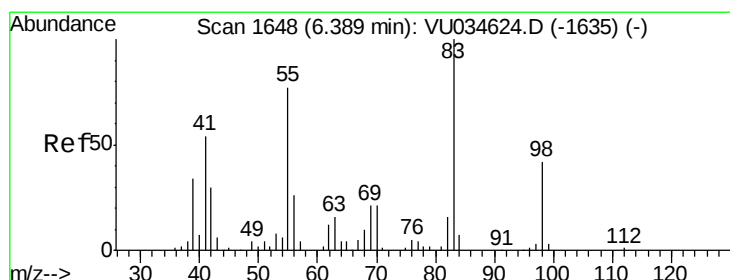
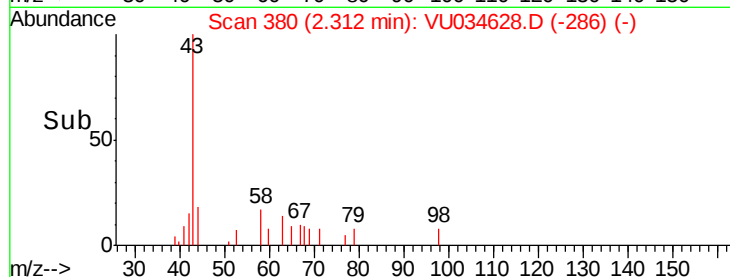
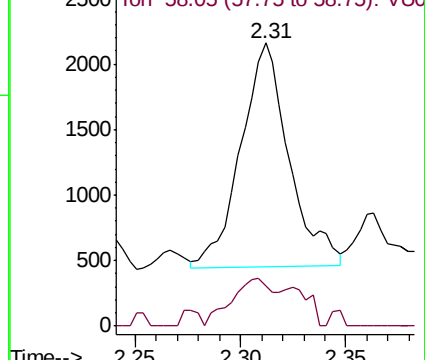
43 100

58 18.9 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU034628.D

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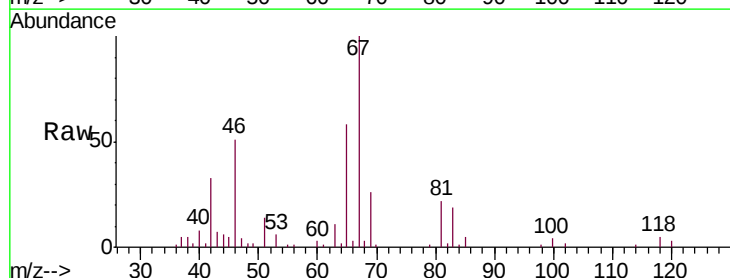
Tgt Ion: 83 Resp: 9045

Ion Ratio Lower Upper

83 100

55 1.0 66.8 100.2#

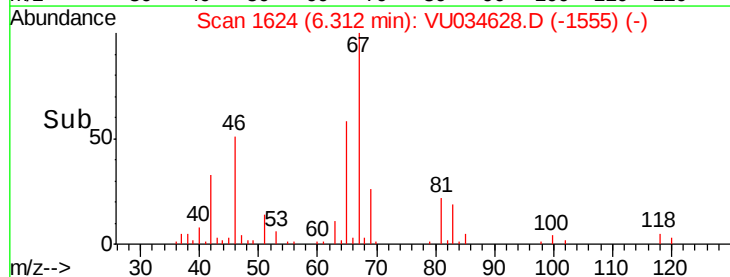
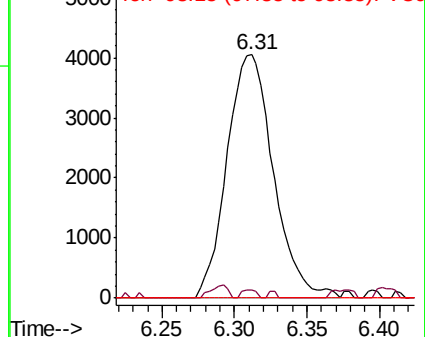
98 0.0 35.4 53.0#

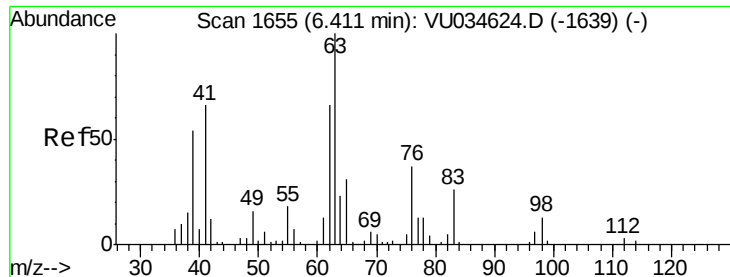


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

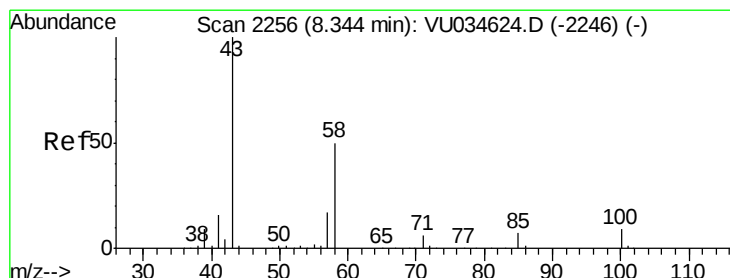
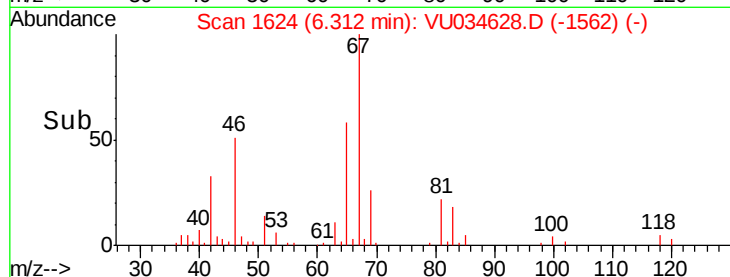
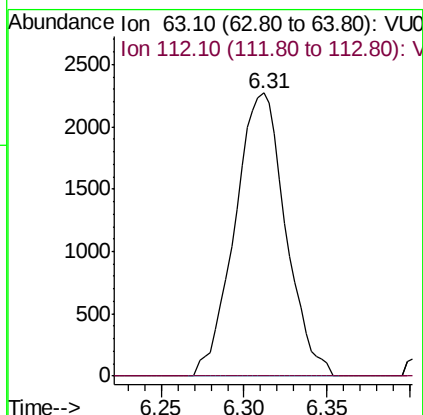
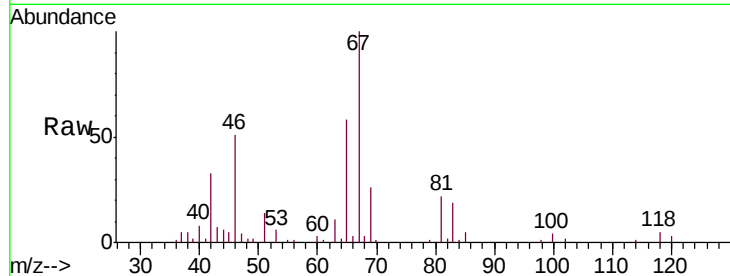




#37
 1,2-Dichloropropane
 Concen: 0.625 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034628.D
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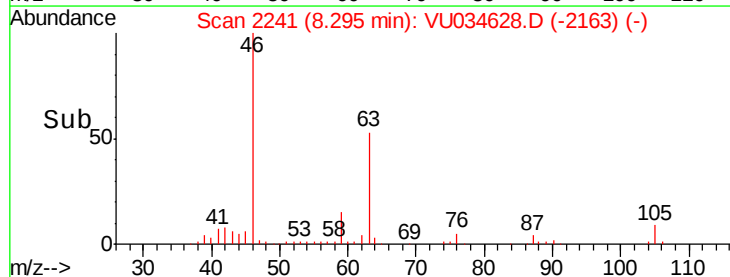
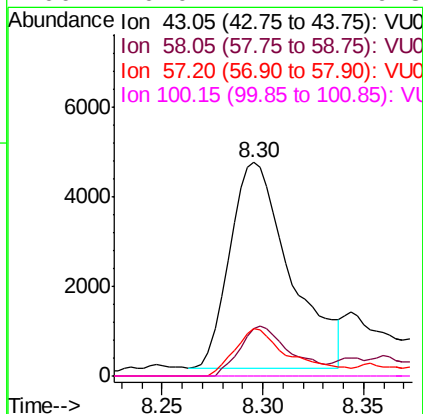
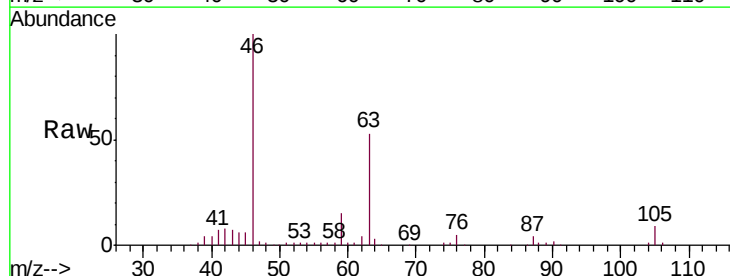
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 MSVOA_U
 ClientSampled :
 COMJ9

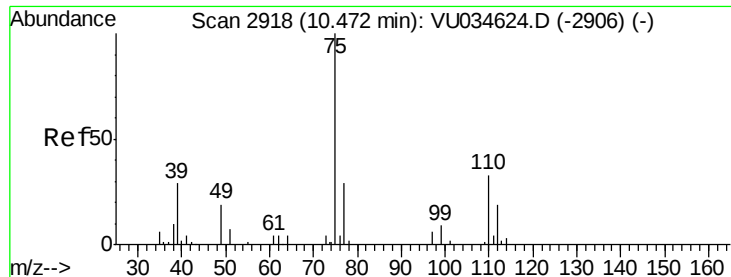
Tgt Ion: 63 Resp: 4829
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#48
 2-Hexanone
 Concen: 2.437 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU034628.D
 Acq: 17 Sep 2019 20:52

Tgt Ion: 43 Resp: 9543
 Ion Ratio Lower Upper
 43 100
 58 20.6 41.2 61.8#
 57 21.8 13.3 19.9#
 100 0.0 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 1.429 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034628.D

Acq: 17 Sep 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

COMJ9

Tgt Ion: 75 Resp: 7219

Ion Ratio Lower Upper

75 100

77 34.2 26.0 39.0

