

Data File : VU030520.D
Acq On : 28 Mar 2019 17:23
Operator : JC/SP
Sample : K2128-13RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1G0

Quant Time: Mar 29 01:23:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	397659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	383223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147388	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145381	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.86%
7) Chloroethane-d5	1.68	69	125862	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.24%
11) 1,1-Dichloroethene-d2	2.27	63	209572	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.04%
21) 2-Butanone-d5	4.17	46	272247	90.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.49%
24) Chloroform-d	4.64	84	265627	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.31	65	180144	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
32) Benzene-d6	5.34	84	529555	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
36) 1,2-Dichloropropane-d6	6.33	67	191015	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	7.56	98	443772	44.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.92%
43) trans-1,3-Dichloropropene-	7.85	79	78339	44.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.62%
47) 2-Hexanone-d5	8.31	63	154516	75.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	256617	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	149856	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

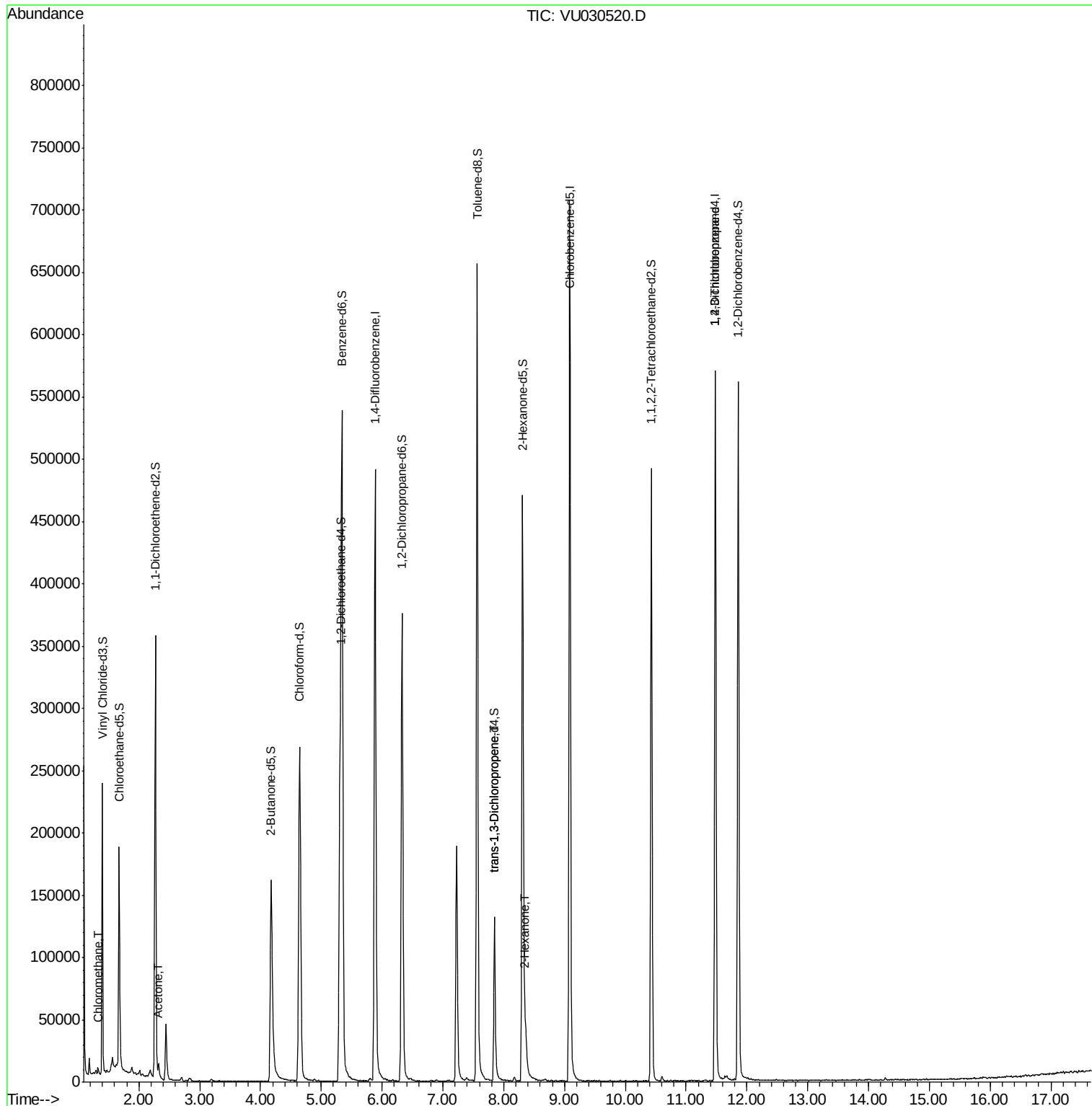
					Qvalue
3) Chloromethane	1.33	50	4472	0.911 ug/L	94
13) Acetone	2.32	43	8456	2.779 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3204	0.684 ug/L #	82
48) 2-Hexanone	8.36	43	19806	3.886 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	19652	4.361 ug/L	93

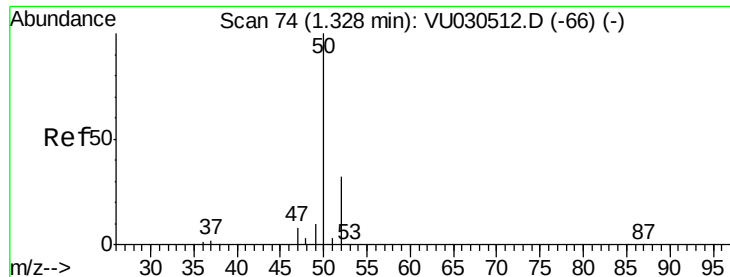
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.911 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030520.D

Acq: 28 Mar 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

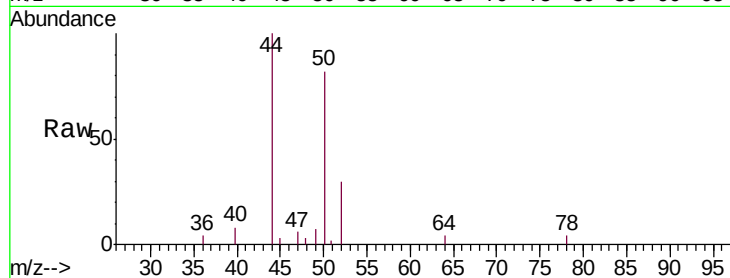
BF1G0

Tgt Ion: 50 Resp: 4472

Ion Ratio Lower Upper

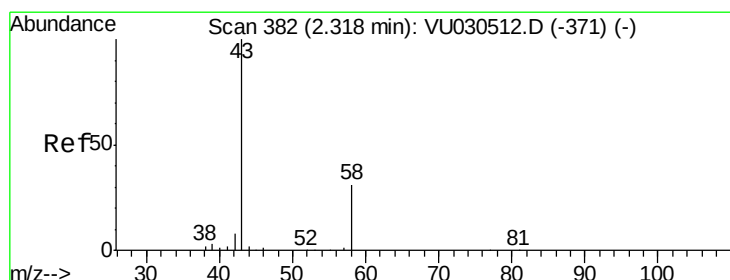
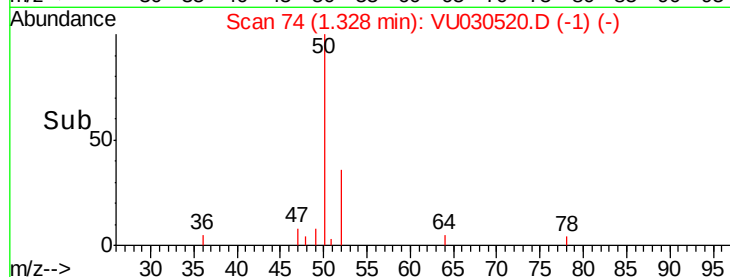
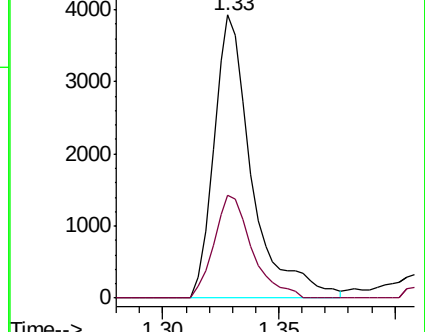
50 100

52 36.2 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030520.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030520.D (-66) (-)



#13

Acetone

Concen: 2.779 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030520.D

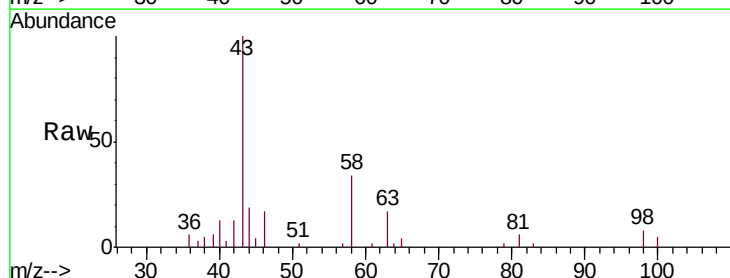
Acq: 28 Mar 2019 17:23

Tgt Ion: 43 Resp: 8456

Ion Ratio Lower Upper

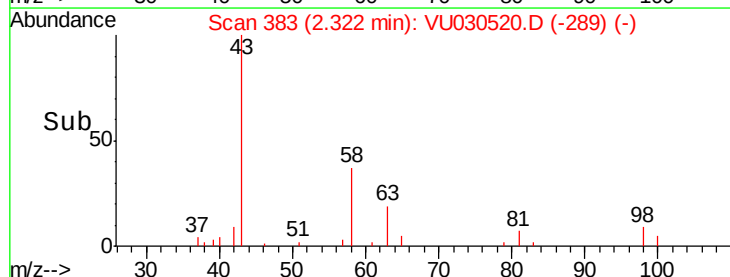
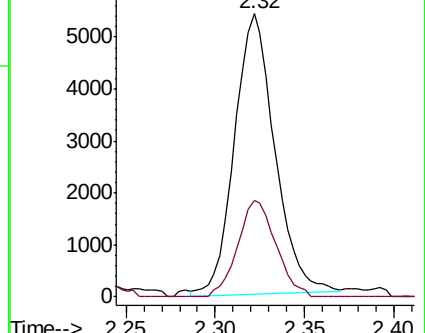
43 100

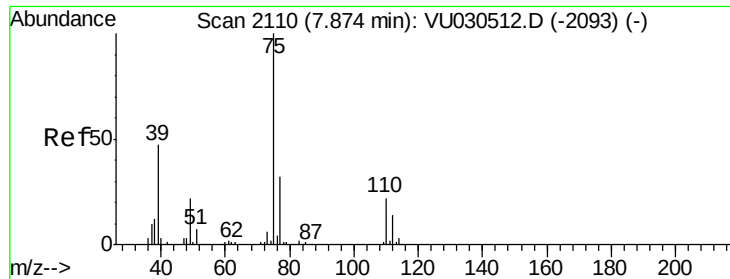
58 32.8 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030520.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU030520.D (-371) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.684 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

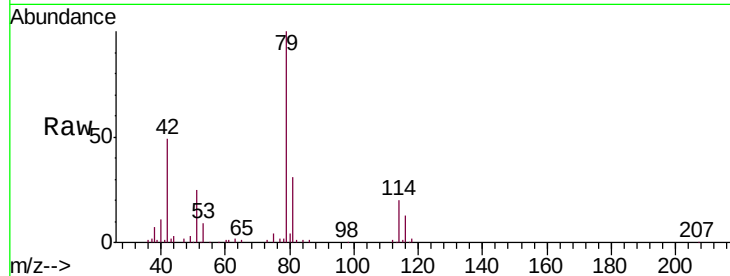
BF1G0

Tgt Ion: 75 Resp: 3204

Ion Ratio Lower Upper

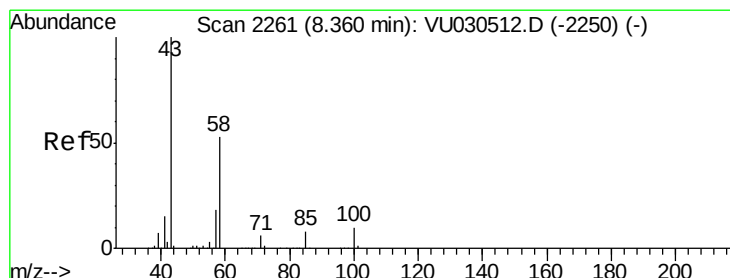
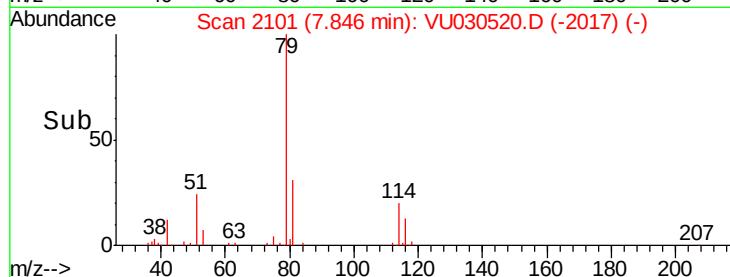
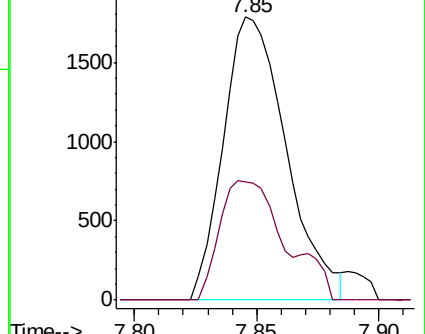
75 100

77 41.6 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU030520.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU030520.D (-2101) (-)



#48

2-Hexanone

Concen: 3.886 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU030520.D

Acq: 28 Mar 2019 17:23

Tgt Ion: 43 Resp: 19806

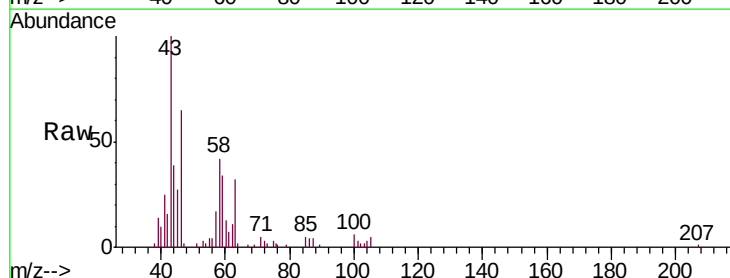
Ion Ratio Lower Upper

43 100

58 33.0 42.5 63.7#

57 12.0 15.0 22.6#

100 2.9 7.4 11.2#

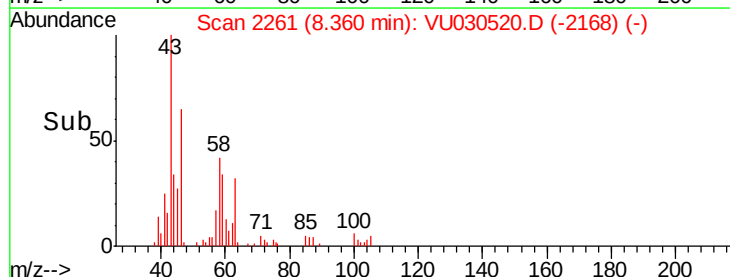
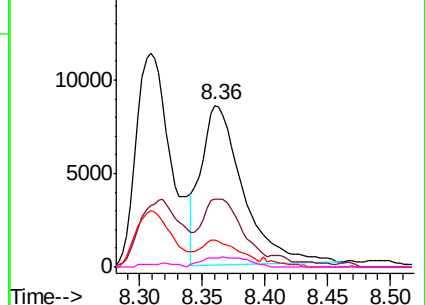


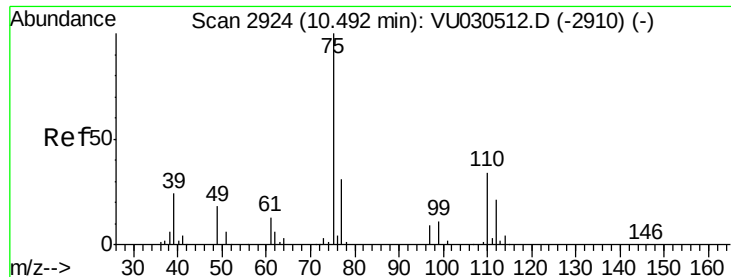
Abundance Ion 43.00 (42.70 to 43.70): VU030520.D (-2261) (-)

Ion 58.00 (57.70 to 58.70): VU030520.D (-2261) (-)

Ion 57.00 (56.70 to 57.70): VU030520.D (-2261) (-)

Ion 100.00 (99.70 to 100.70): VU030520.D (-2261) (-)





#59

1,2,3-Trichloropropane

Concen: 4.361 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030520.D

Acq: 28 Mar 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

BF1G0

Tgt Ion: 75 Resp: 19652

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.2

