

Data File : VU030519.D
Acq On : 28 Mar 2019 17:00
Operator : JC/SP
Sample : K2149-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5F0

Quant Time: Mar 29 01:22:53 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	402632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148696	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.78%
7) Chloroethane-d5	1.68	69	126280	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.34%
11) 1,1-Dichloroethene-d2	2.27	63	213109	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.34%
21) 2-Butanone-d5	4.17	46	281978	92.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.57%
24) Chloroform-d	4.65	84	269772	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.31	65	183814	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.34	84	533874	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
36) 1,2-Dichloropropane-d6	6.33	67	191494	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	440509	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%
43) trans-1,3-Dichloropropene-	7.85	79	78947	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.31	63	158294	76.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	260251	47.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	151392	50.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.36%

Target Compounds

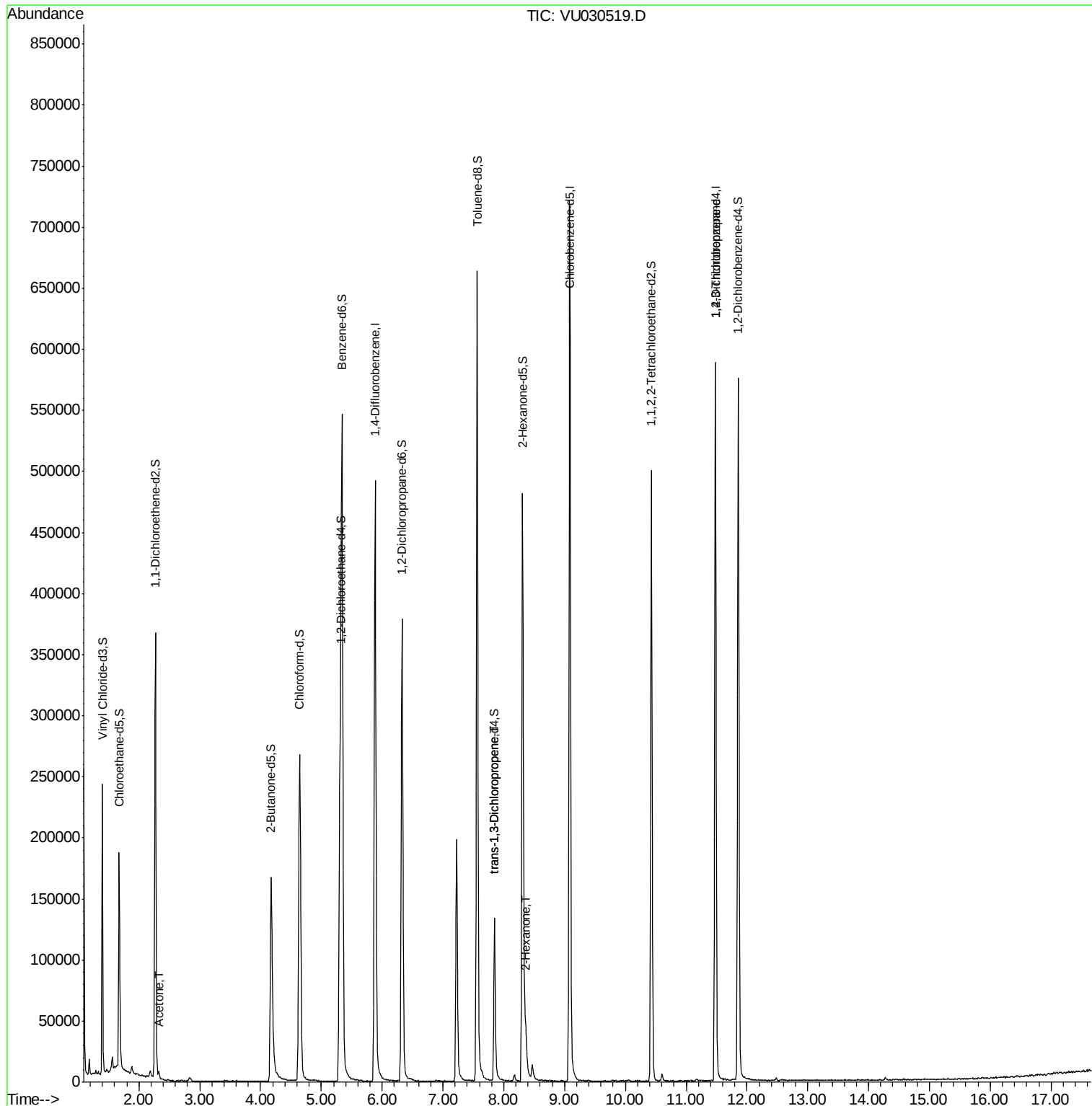
					Qvalue
13) Acetone	2.32	43	3087	1.002 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	2916	0.612 ug/L #	67
48) 2-Hexanone	8.36	43	18151	3.499 ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	19646	4.283 ug/L	90

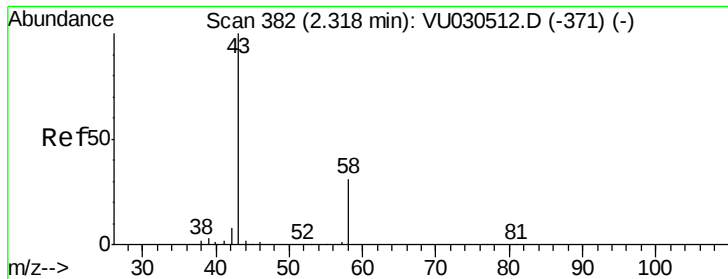
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.002 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

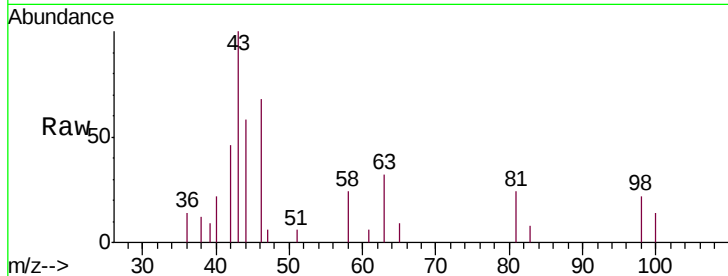
BF5F0

Tgt Ion: 43 Resp: 3087

Ion Ratio Lower Upper

43 100

58 25.1 0.0 62.8



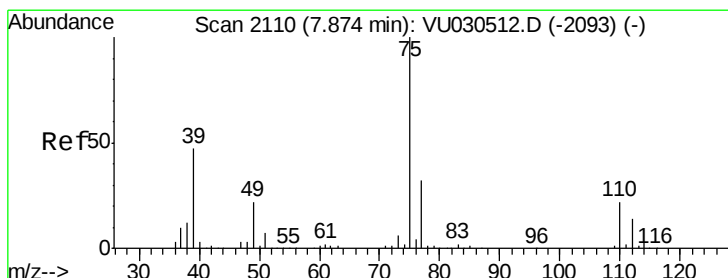
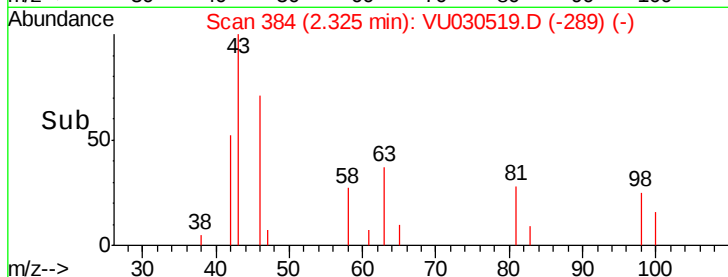
Abundance Ion 43.00 (42.70 to 43.70): VU030512.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU030512.D (-371) (-)

2.32

2.30 2.35

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030519.D

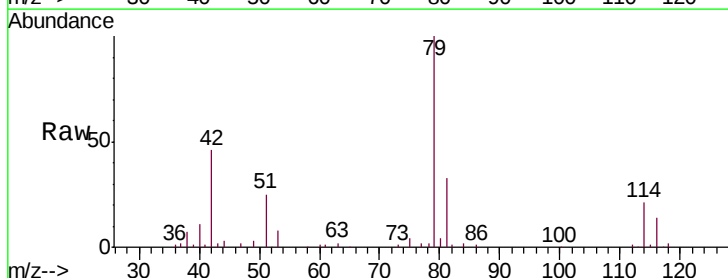
Acq: 28 Mar 2019 17:00

Tgt Ion: 75 Resp: 2916

Ion Ratio Lower Upper

75 100

77 49.9 22.0 40.8#



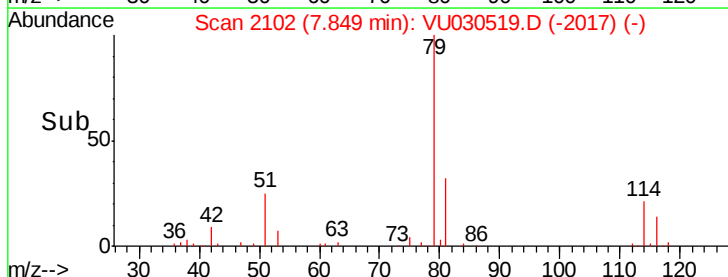
Abundance Ion 75.00 (74.70 to 75.70): VU030512.D (-2093) (-)

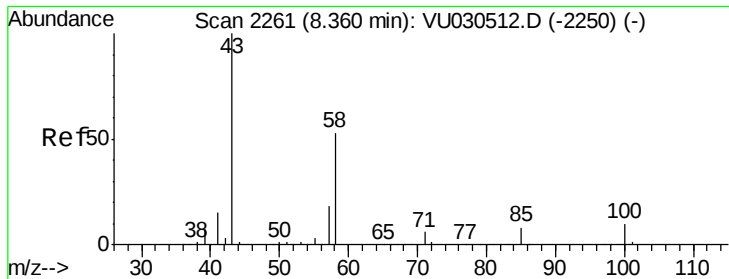
Ion 77.00 (76.70 to 77.70): VU030512.D (-2093) (-)

7.85

7.80 7.90

Time-->

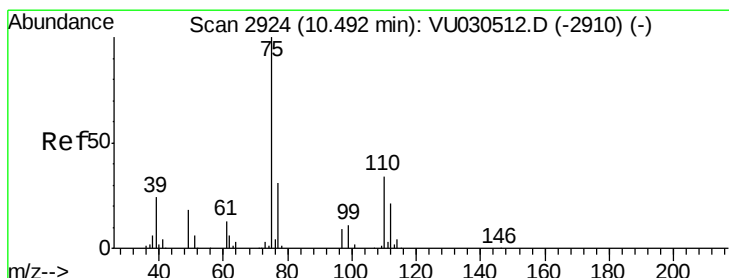
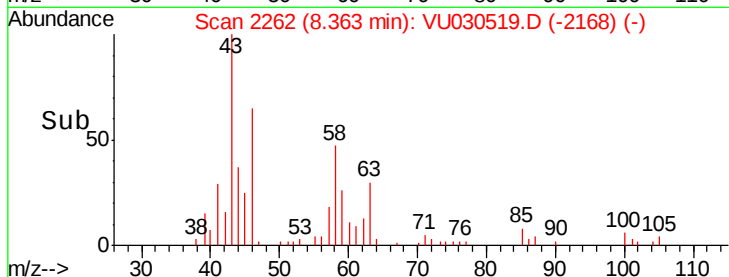
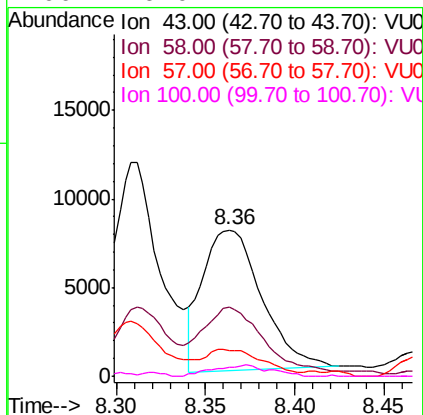
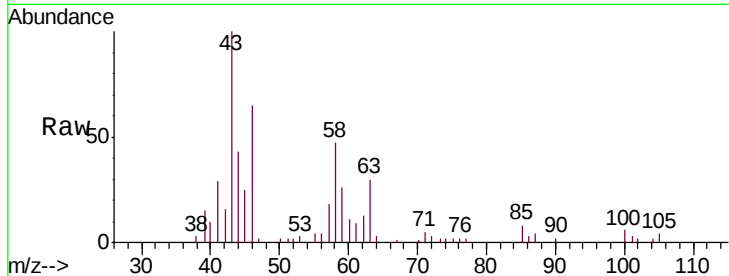




#48
2-Hexanone
Concen: 3.499 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampled :
BF5F0

Tgt Ion: 43 Resp: 18151
Ion Ratio Lower Upper
43 100
58 49.1 42.5 63.7
57 17.7 15.0 22.6
100 6.0 7.4 11.2#



#59
1,2,3-Trichloropropane
Concen: 4.283 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030519.D
Acq: 28 Mar 2019 17:00

Tgt Ion: 75 Resp: 19646
Ion Ratio Lower Upper
75 100
77 37.5 25.4 38.2

