

Data File : VU029790.D
Acq On : 04 Mar 2019 18:03
Operator : JC/SP
Sample : K1661-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC70

Quant Time: Mar 05 01:31:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489717	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	467919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138832	38.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.38%
7) Chloroethane-d5	1.68	69	114237	35.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.62%
11) 1,1-Dichloroethene-d2	2.27	63	182120	25.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.92%#
21) 2-Butanone-d5	4.17	46	239668	109.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.75%
24) Chloroform-d	4.65	84	237551	40.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.62%
26) 1,2-Dichloroethane-d4	5.31	65	147045	39.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.80%
32) Benzene-d6	5.34	84	514715	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
36) 1,2-Dichloropropane-d6	6.33	67	157869	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.14%
41) Toluene-d8	7.56	98	478661	39.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.68%#
43) trans-1,3-Dichloropropene-	7.85	79	71786	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
47) 2-Hexanone-d5	8.31	63	211287	107.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	246190	41.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	185860	40.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.12%

Target Compounds

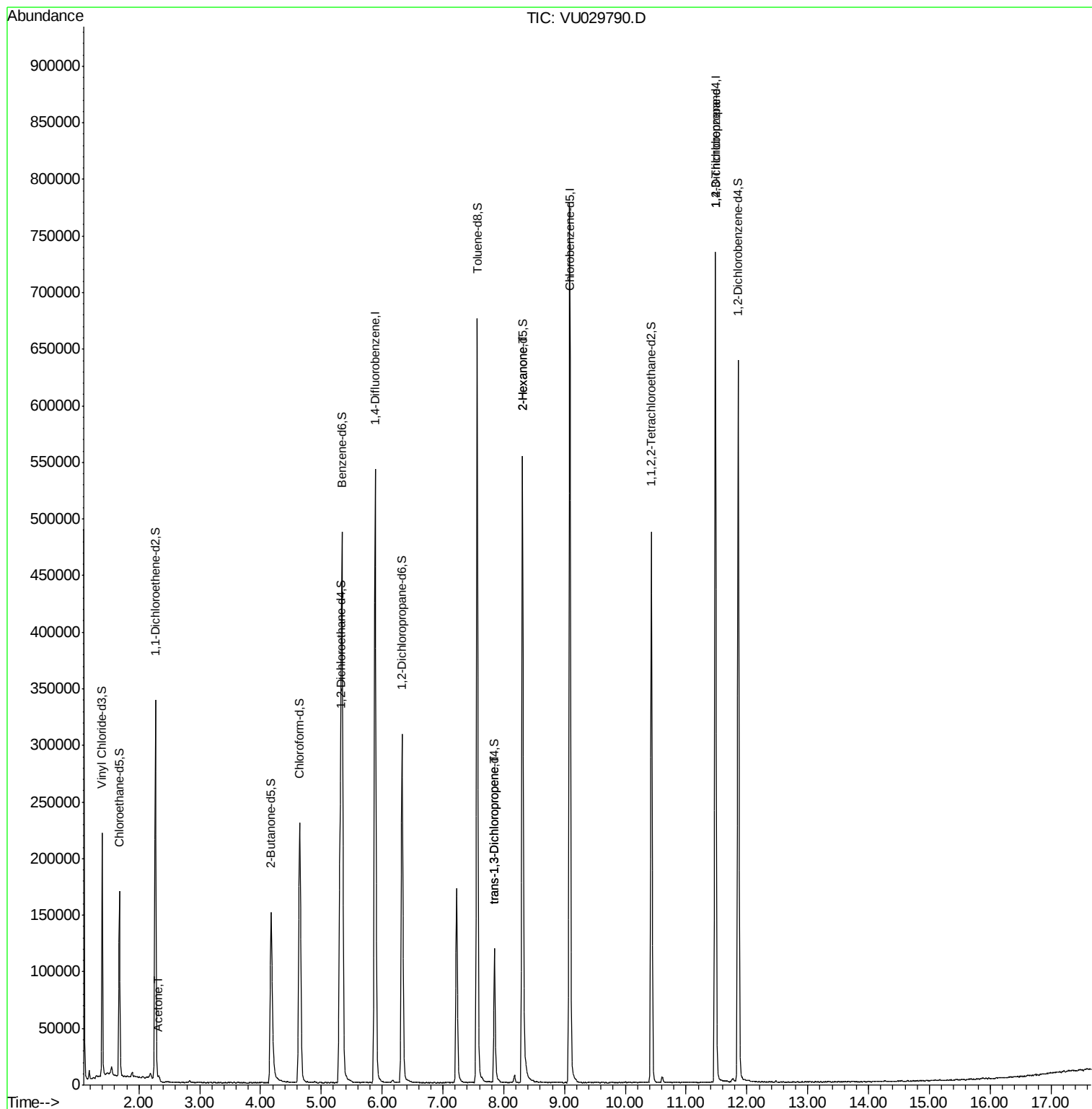
					Qvalue
13) Acetone	2.32	43	2982	1.278 ug/L	72
44) trans-1,3-Dichloropropene	7.84	75	2935	0.613 ug/L #	75
48) 2-Hexanone	8.31	43	21687	5.606 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	20572	4.582 ug/L	91

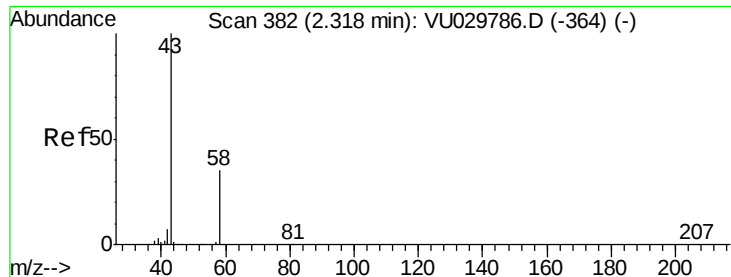
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.278 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

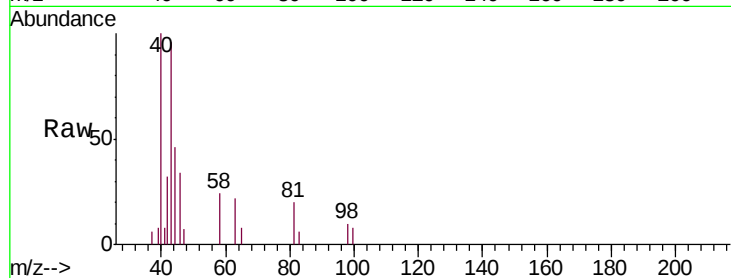
BFC70

Tgt Ion: 43 Resp: 2982

Ion Ratio Lower Upper

43 100

58 17.3 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2000

1500

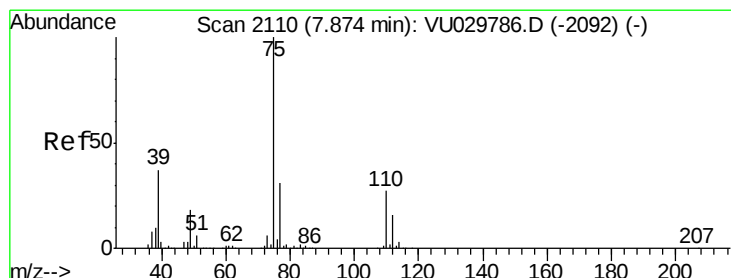
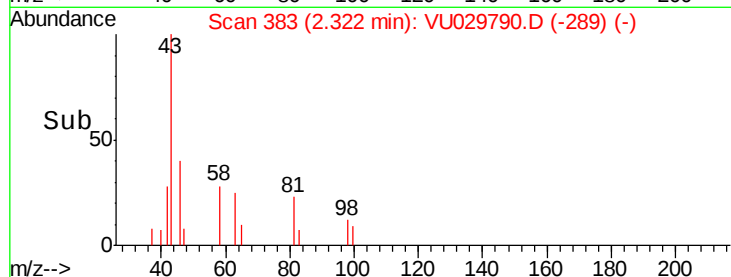
1000

500

0

2.30 2.35

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.613 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

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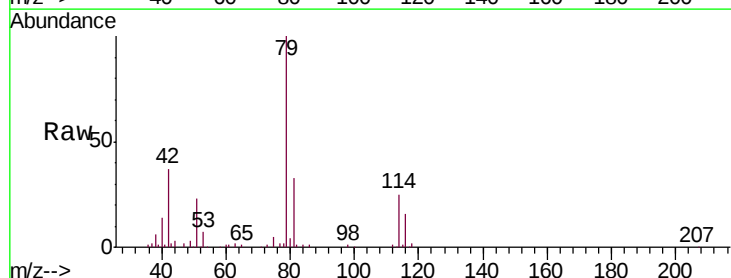
Acq: 04 Mar 2019 18:03

Tgt Ion: 75 Resp: 2935

Ion Ratio Lower Upper

75 100

77 45.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.84

2000

1500

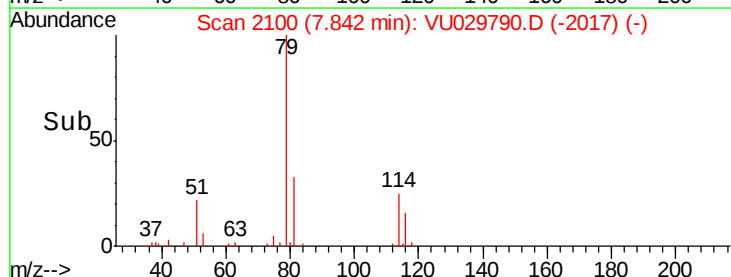
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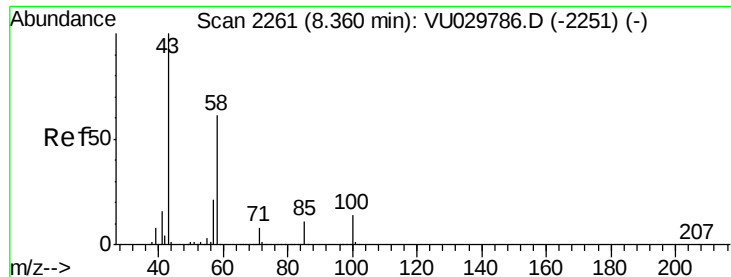
500

0

7.80 7.85 7.90

Time-->

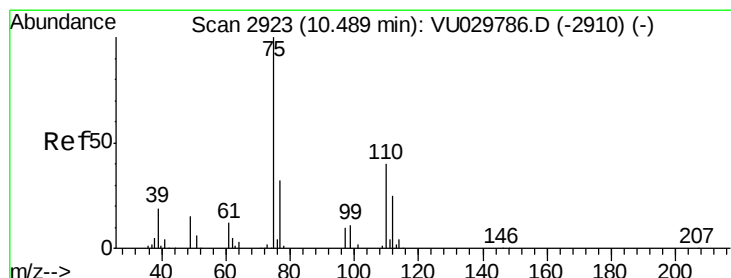
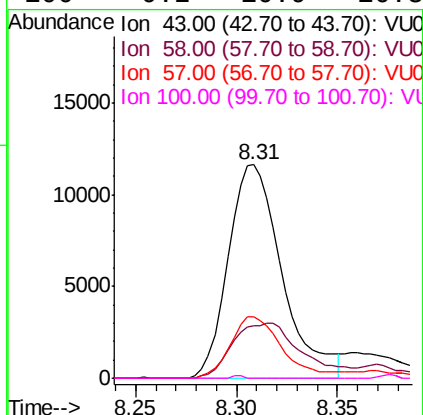
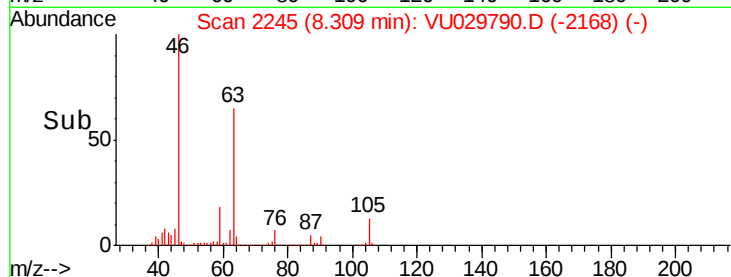
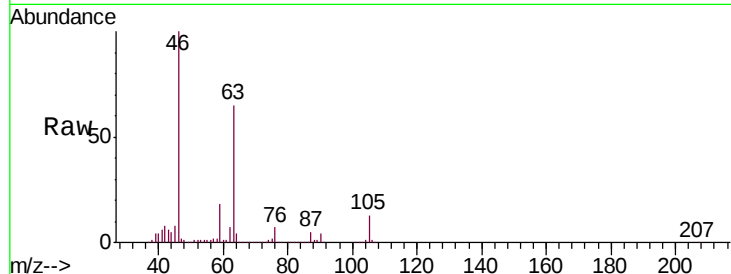




#48
2-Hexanone
Concen: 5.606 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
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Instrument :
MSVOA_U
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Tgt Ion: 43 Resp: 21687
Ion Ratio Lower Upper
43 100
58 33.4 46.4 69.6#
57 27.2 15.7 23.5#
100 0.2 10.9 16.3#



#59
1,2,3-Trichloropropane
Concen: 4.582 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029790.D
Acq: 04 Mar 2019 18:03

Tgt Ion: 75 Resp: 20572
Ion Ratio Lower Upper
75 100
77 36.9 25.7 38.5

