

Data File : VU029642.D
Acq On : 22 Feb 2019 23:58
Operator : JC/SP
Sample : K1581-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB623

Quant Time: Feb 23 01:48:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510077	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249022	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123809	33.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.24%
7) Chloroethane-d5	1.68	69	118032	35.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.04%
11) 1,1-Dichloroethene-d2	2.27	63	185270	25.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.72%#
21) 2-Butanone-d5	4.18	46	216965	95.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.39%
24) Chloroform-d	4.65	84	257082	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.82%
26) 1,2-Dichloroethane-d4	5.31	65	168515	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
32) Benzene-d6	5.34	84	534926	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
36) 1,2-Dichloropropane-d6	6.33	67	168797	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.88%
41) Toluene-d8	7.56	98	500688	38.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.72%#
43) trans-1,3-Dichloropropene-	7.85	79	71727	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
47) 2-Hexanone-d5	8.31	63	183849	86.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271619	42.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	223752	41.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.38%

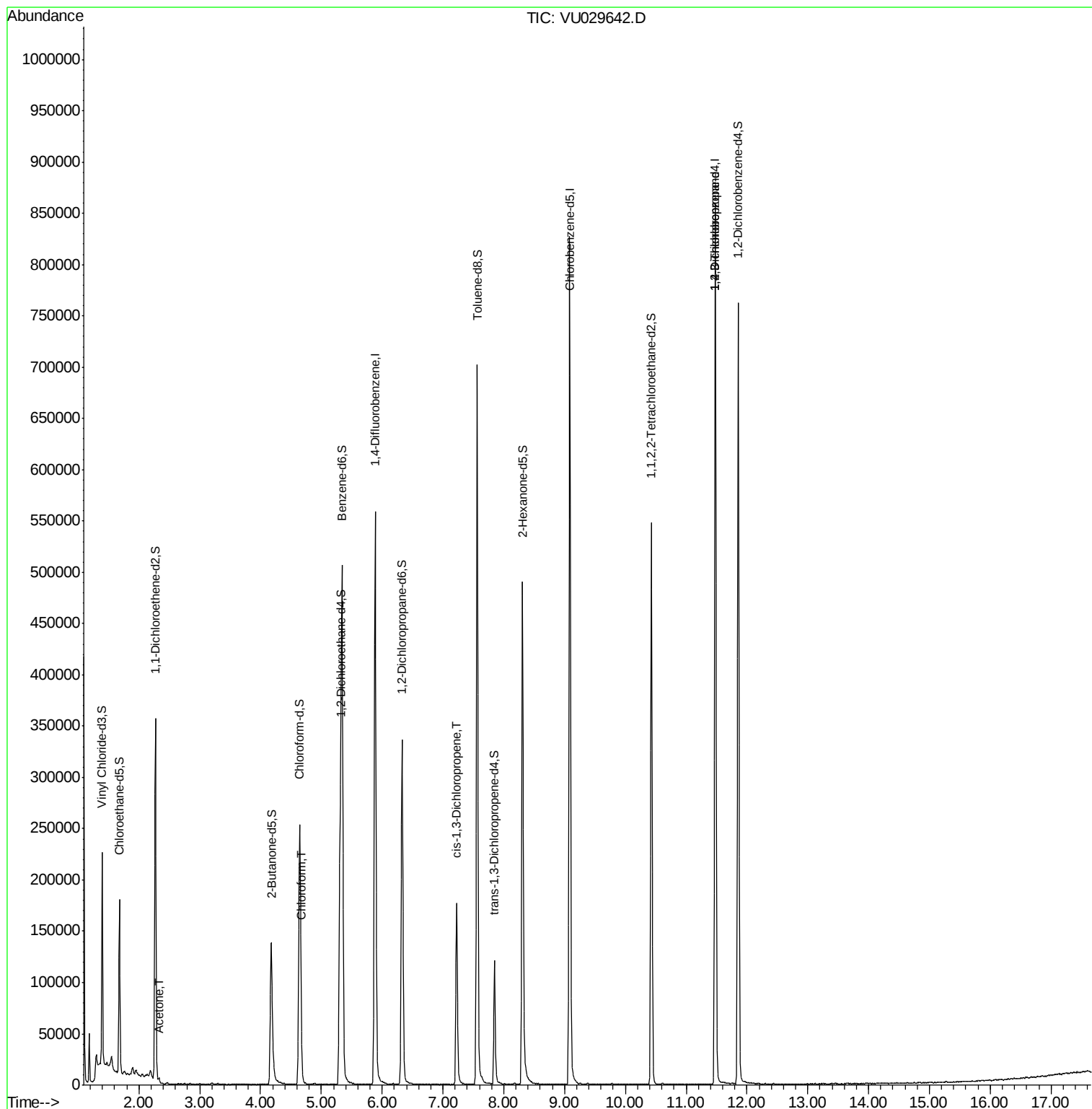
Target Compounds					Qvalue
13) Acetone	2.32	43	2288	0.941 ug/L	95
25) Chloroform	4.68	83	5220	0.868 ug/L	82
39) cis-1,3-Dichloropropene	7.22	75	4298	0.789 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	24543	5.098 ug/L	90

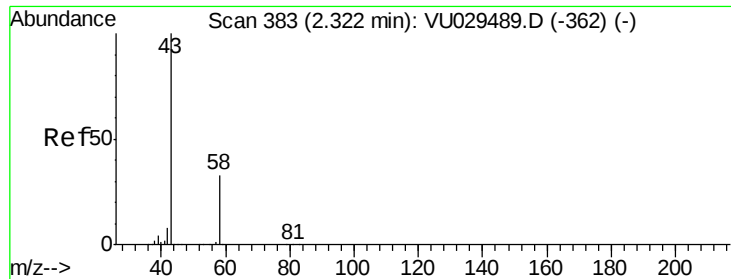
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.941 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

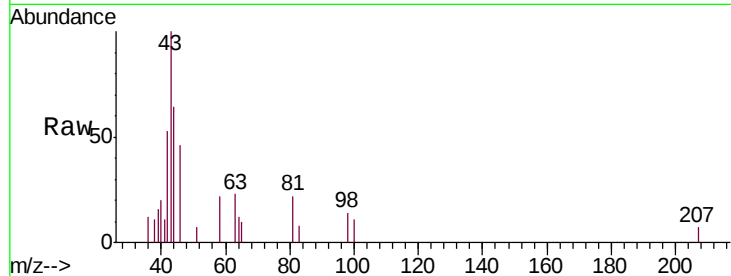
DB623

Tgt Ion: 43 Resp: 2288

Ion Ratio Lower Upper

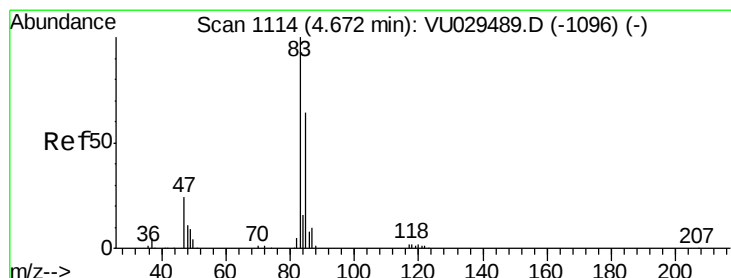
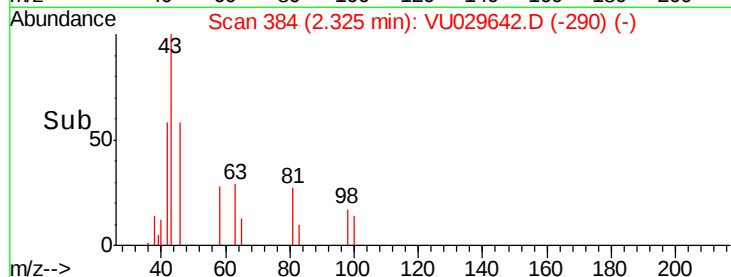
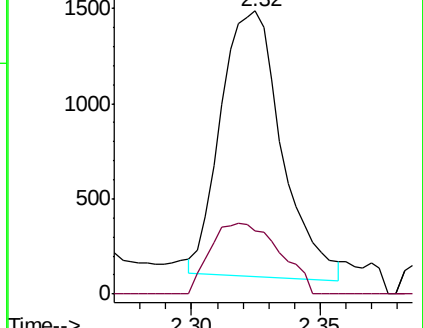
43 100

58 30.3 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029489.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU029489.D (-362) (-)



#25

Chloroform

Concen: 0.868 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU029642.D

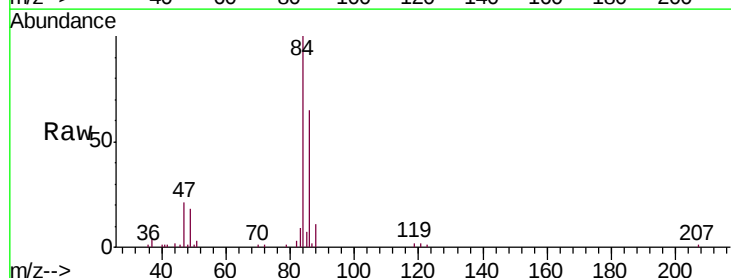
Acq: 22 Feb 2019 23:58

Tgt Ion: 83 Resp: 5220

Ion Ratio Lower Upper

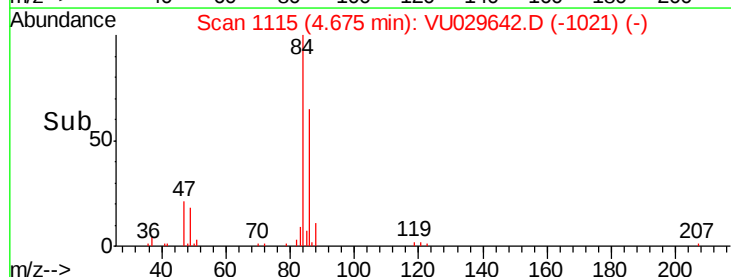
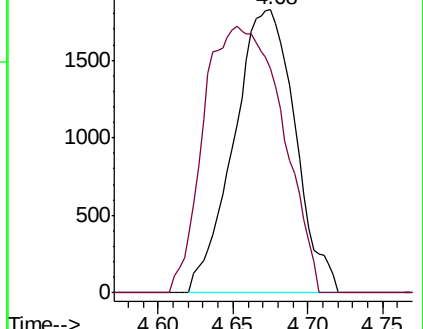
83 100

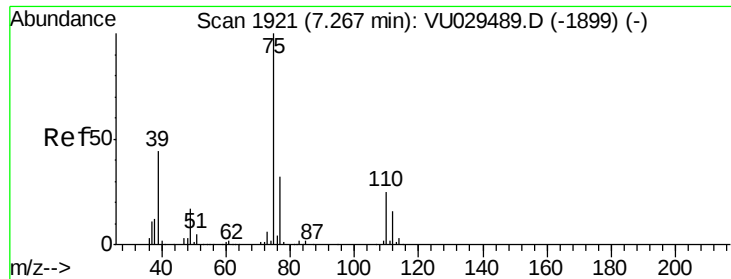
85 79.1 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029489.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU029489.D (-1096) (-)

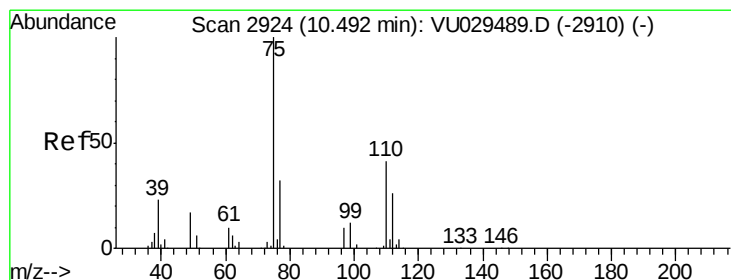
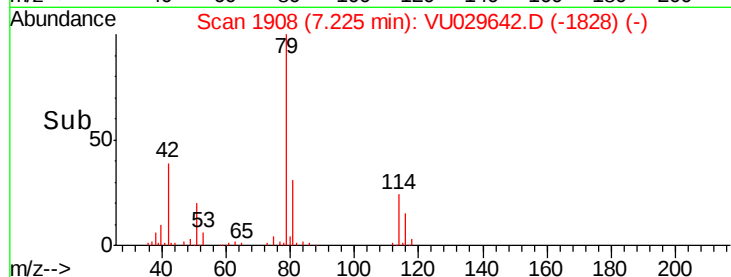
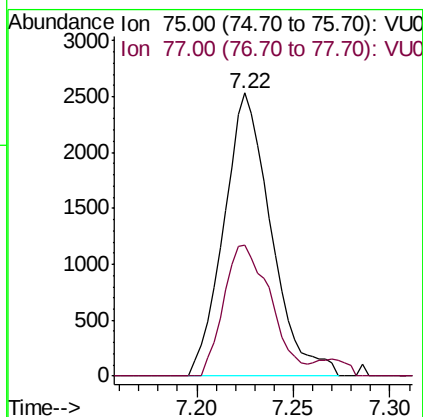
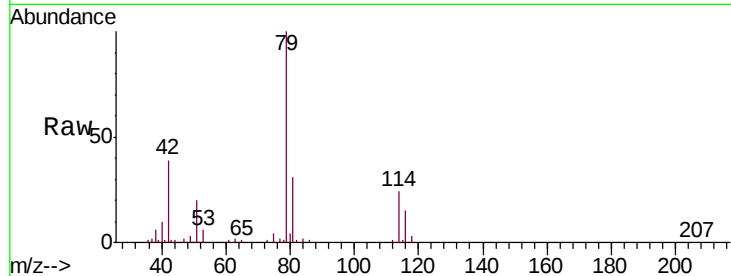




#39
 cis-1,3-Dichloropropene
 Concen: 0.789 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 4298
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.3 41.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.098 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029642.D
 Acq: 22 Feb 2019 23:58

Tgt Ion: 75 Resp: 24543
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.7 38.5

