

Data File : VU029633.D
Acq On : 22 Feb 2019 20:29
Operator : JC/SP
Sample : K1581-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB619

Quant Time: Feb 22 23:12:23 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	461068	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130379	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.18%
7) Chloroethane-d5	1.68	69	119685	39.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.70%
11) 1,1-Dichloroethene-d2	2.27	63	181418	27.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.94%#
21) 2-Butanone-d5	4.17	46	214845	104.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.50%
24) Chloroform-d	4.65	84	258036	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.31	65	170173	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.34	84	534022	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
36) 1,2-Dichloropropane-d6	6.33	67	171871	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.38%
41) Toluene-d8	7.56	98	500295	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	75917	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.31	63	182769	96.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	267929	46.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	220142	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%

Target Compounds

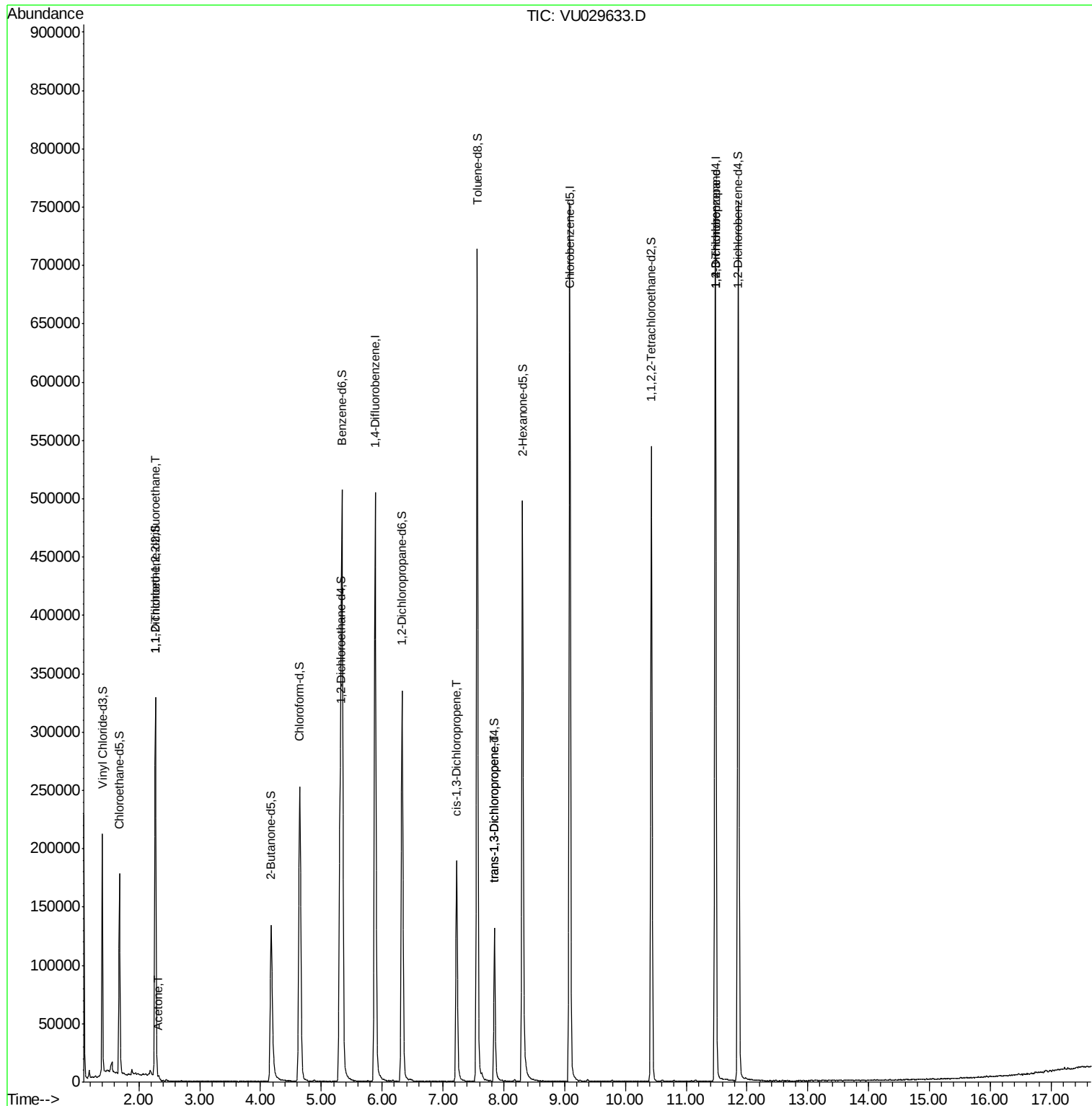
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1879	0.585	ug/L #	17
13) Acetone	2.33	43	1062	0.483	ug/L	75
39) cis-1,3-Dichloropropene	7.23	75	4351	0.895	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	3316	0.724	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	21013	4.890	ug/L #	86

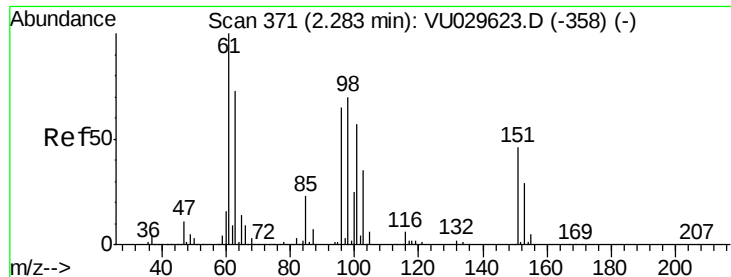
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.585 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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DB619

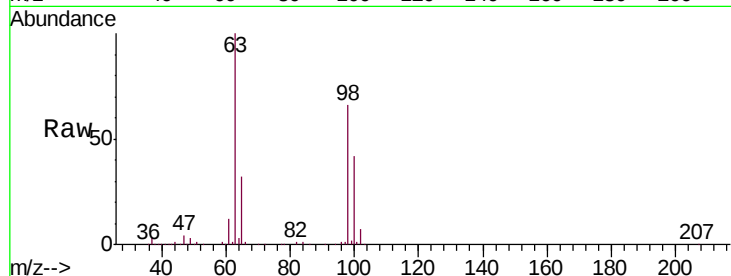
Tgt Ion: 101 Resp: 1879

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

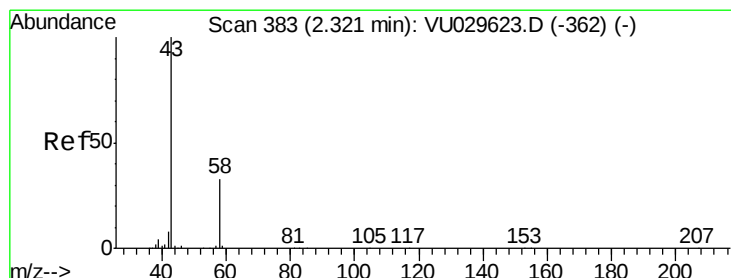
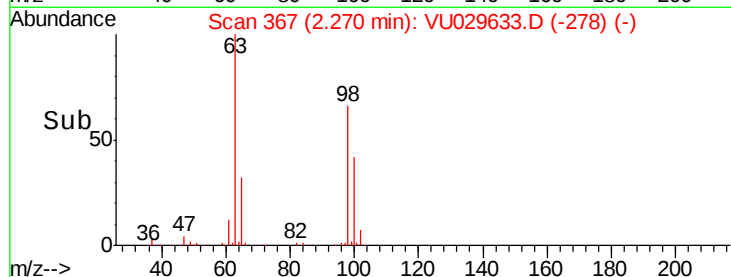
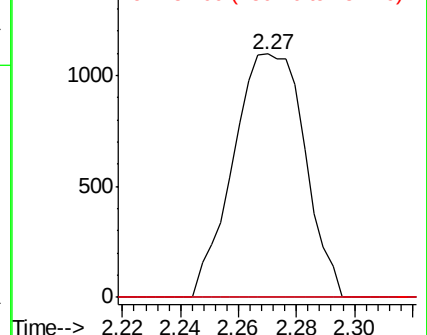
151 0.0 65.7 98.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.483 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU029633.D

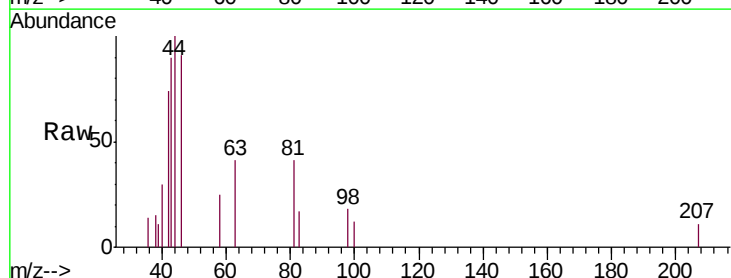
Acq: 22 Feb 2019 20:29

Tgt Ion: 43 Resp: 1062

Ion Ratio Lower Upper

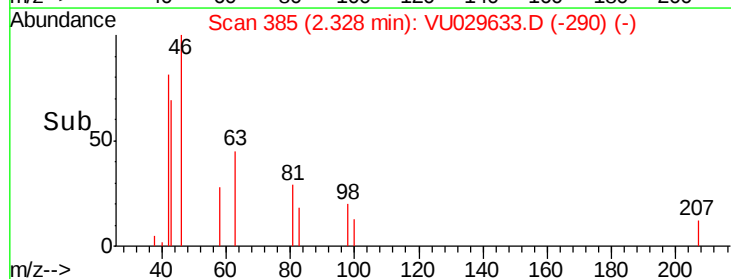
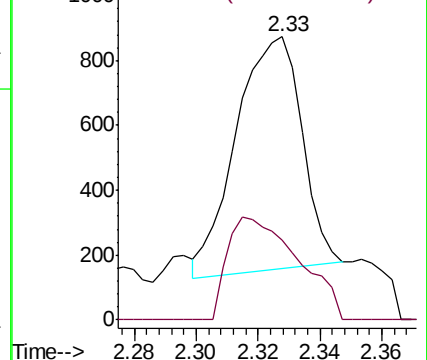
43 100

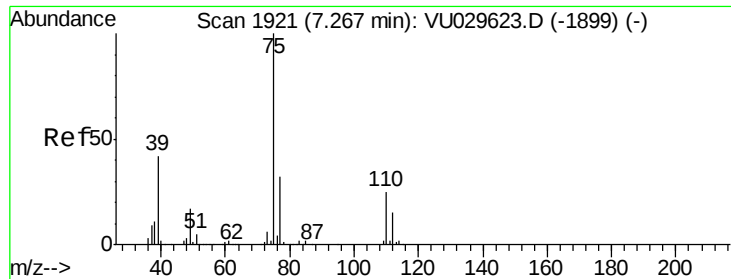
58 47.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.895 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029633.D

Acq: 22 Feb 2019 20:29

Instrument :

MSVOA_U

ClientSampled :

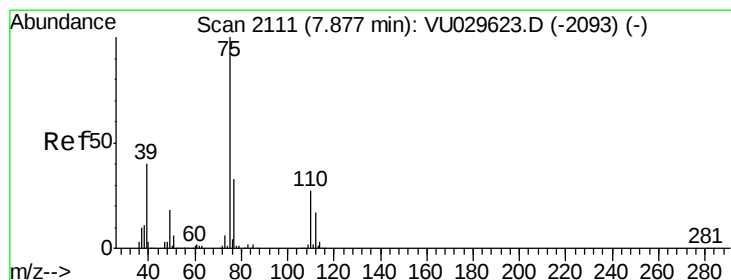
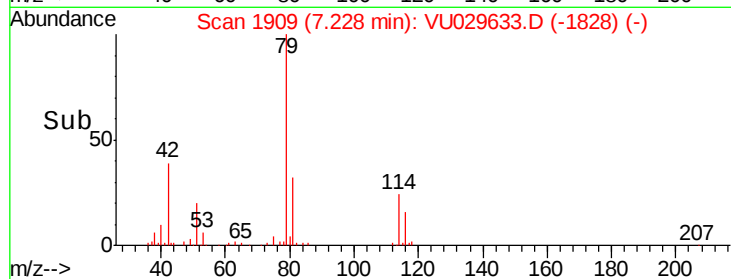
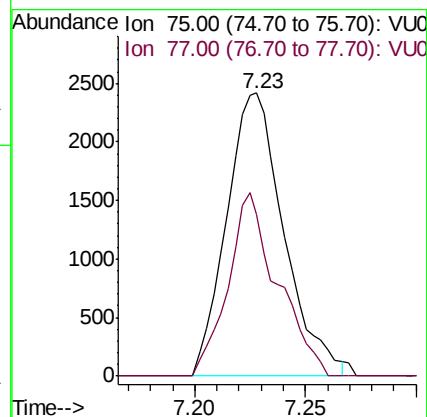
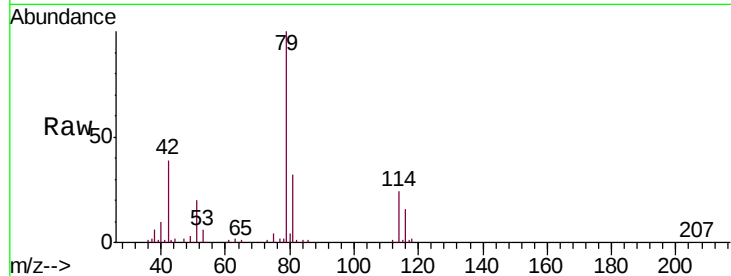
DB619

Tgt Ion: 75 Resp: 4351

Ion Ratio Lower Upper

75 100

77 57.1 22.3 41.5#



#44

trans-1,3-Dichloropropene

Concen: 0.724 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029633.D

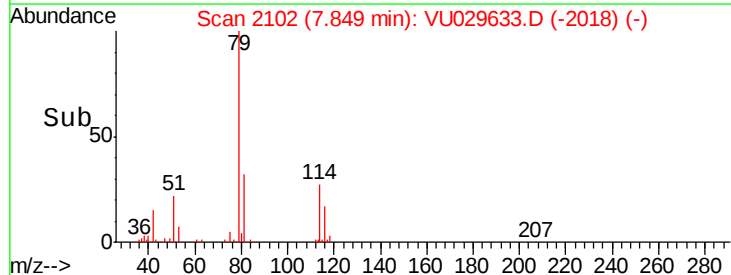
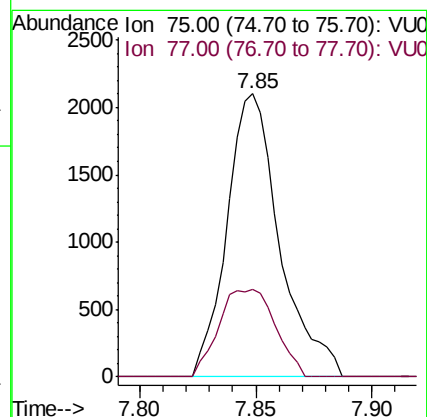
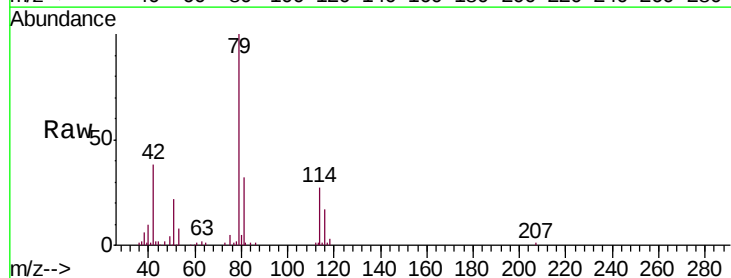
Acq: 22 Feb 2019 20:29

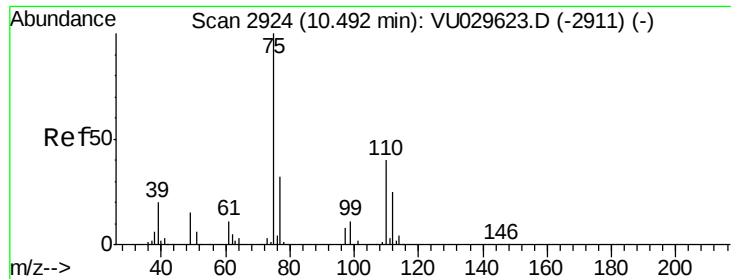
Tgt Ion: 75 Resp: 3316

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.890 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029633.D

Acq: 22 Feb 2019 20:29

Instrument :

MSVOA_U

ClientSampleId :

DB619

Tgt Ion: 75 Resp: 21013

Ion Ratio Lower Upper

75 100

77 39.8 25.7 38.5#

