

Data File : VU029652.D
Acq On : 25 Feb 2019 12:58
Operator : JC/SP
Sample : K1600-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Z3

Quant Time: Feb 26 00:15:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483794	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143283	40.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.84%
7) Chloroethane-d5	1.68	69	128858	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.78%
11) 1,1-Dichloroethene-d2	2.27	63	221921	32.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.06%
21) 2-Butanone-d5	4.17	46	196474	91.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.07%
24) Chloroform-d	4.64	84	258201	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.31	65	164432	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.34	84	561460	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.32	67	170317	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.56	98	541061	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%
43) trans-1,3-Dichloropropene-	7.85	79	82420	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
47) 2-Hexanone-d5	8.31	63	150173	76.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252132	42.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	226708	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%

Target Compounds

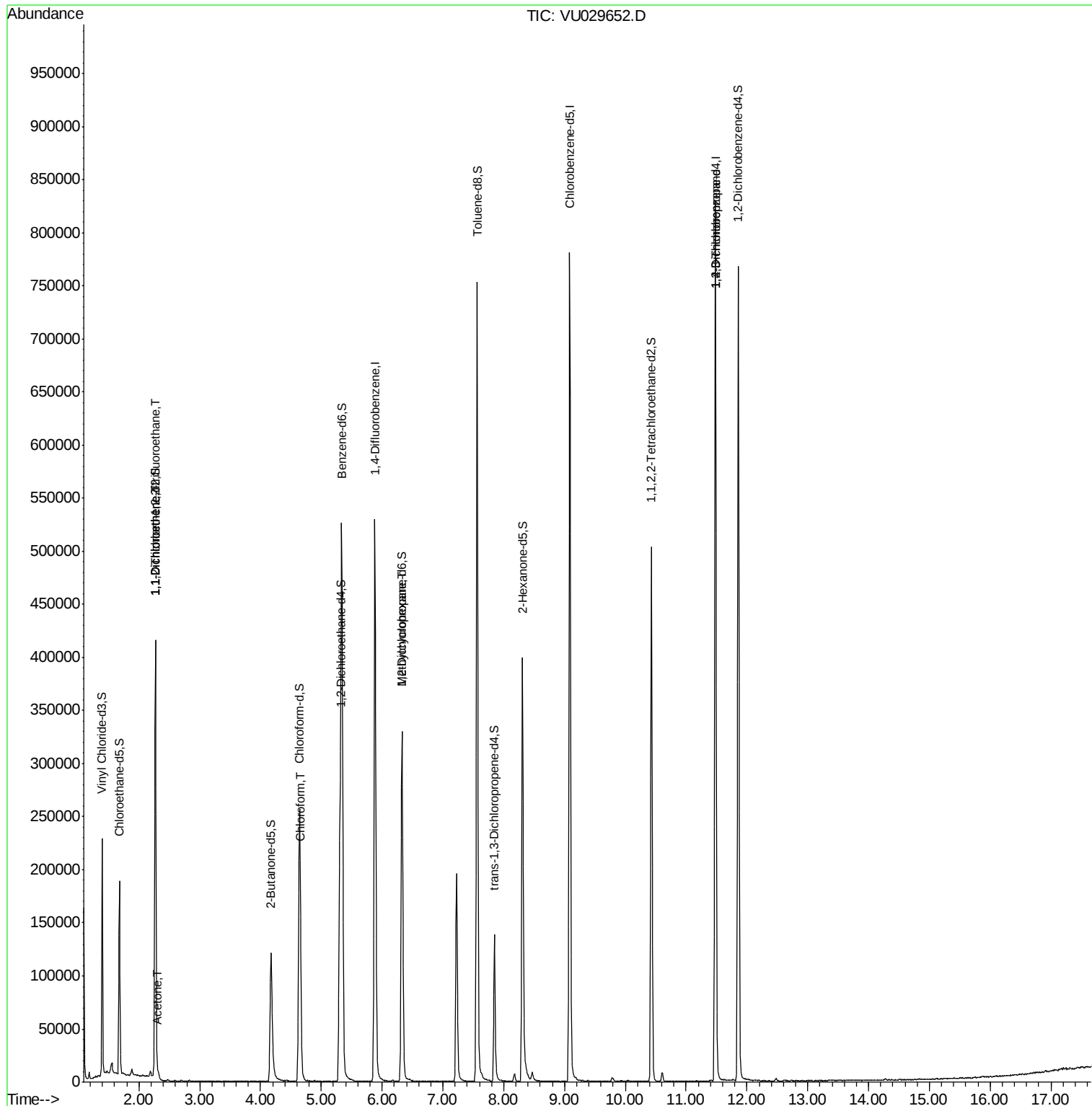
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2144	0.636 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2060	0.643 ug/L #	1
13) Acetone	2.32	43	2525	1.095 ug/L	81
25) Chloroform	4.67	83	7908	1.386 ug/L	91
35) Methylcyclohexane	6.32	83	39806	7.457 ug/L #	21
59) 1,2,3-Trichloropropane	11.48	75	23544	5.272 ug/L	91

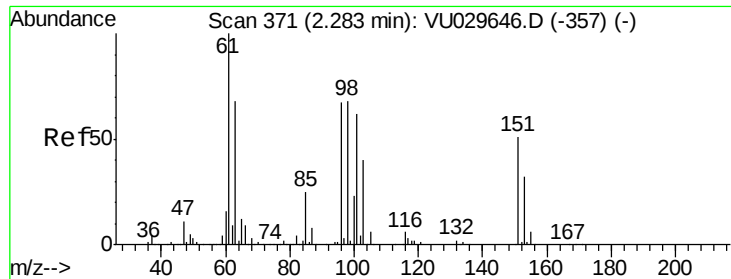
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration





#10

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

Concen: 0.636 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029652.D

Acq: 25 Feb 2019 12:58

Instrument :

MSVOA_U

ClientSampleId :

BF7Z3

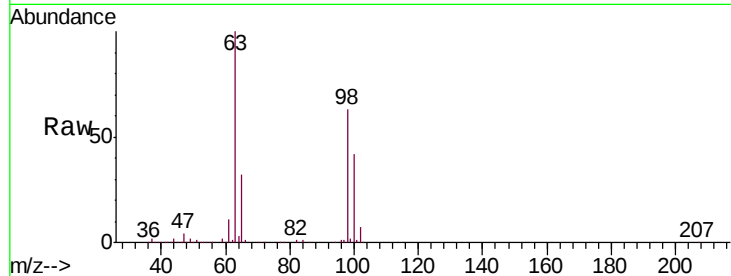
Tgt Ion: 101 Resp: 2144

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

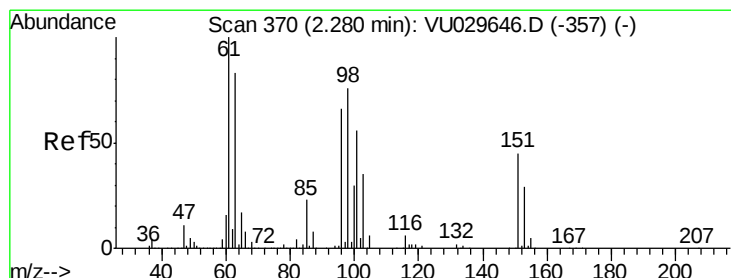
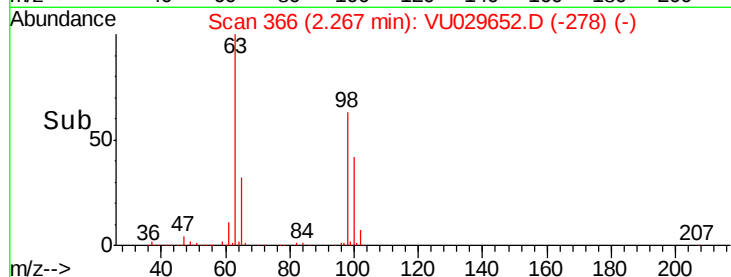
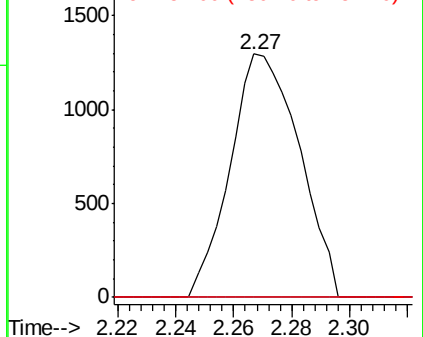
151 0.0 65.7 98.5#



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



#12

1,1-Dichloroethene

Concen: 0.643 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029652.D

Acq: 25 Feb 2019 12:58

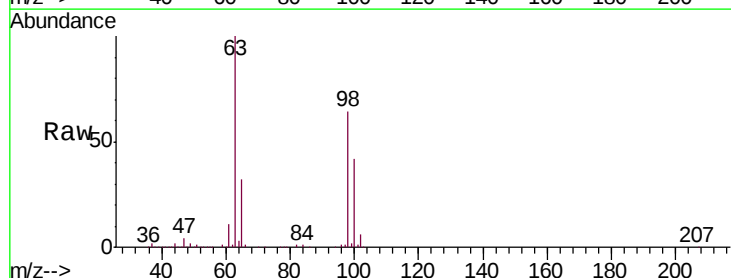
Tgt Ion: 96 Resp: 2060

Ion Ratio Lower Upper

96 100

61 1320.9 114.0 211.8#

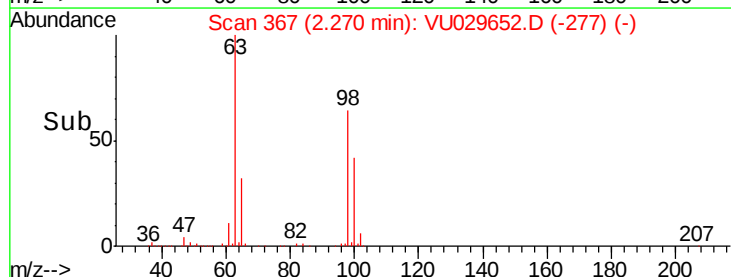
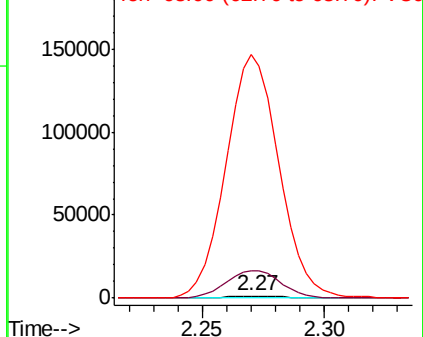
63 11550.2 98.7 183.3#

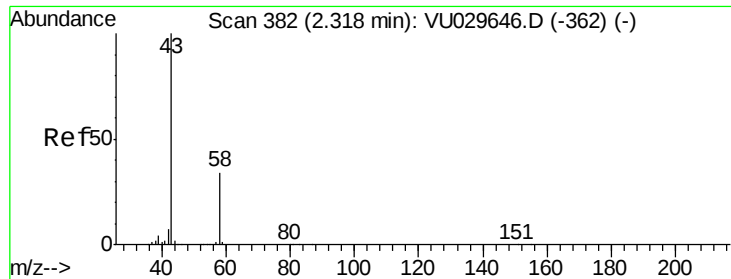


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.095 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU029652.D

Acq: 25 Feb 2019 12:58

Instrument :

MSVOA_U

ClientSampleId :

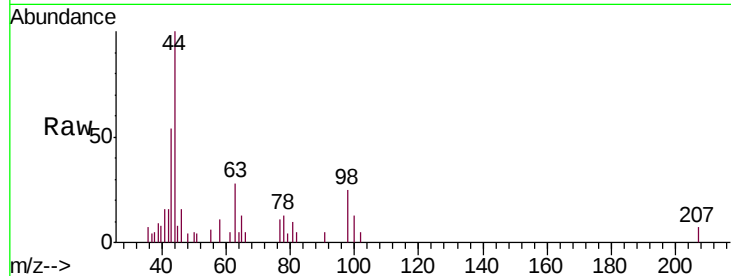
BF7Z3

Tgt Ion: 43 Resp: 2525

Ion Ratio Lower Upper

43 100

58 22.5 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029646.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU029646.D (-362) (-)

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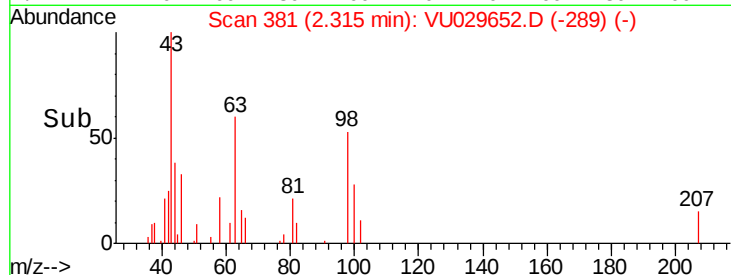
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Abundance Ion 43.00 (42.70 to 43.70): VU029652.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU029652.D (-289) (-)

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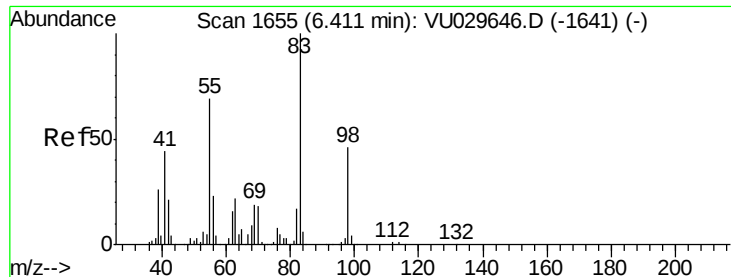
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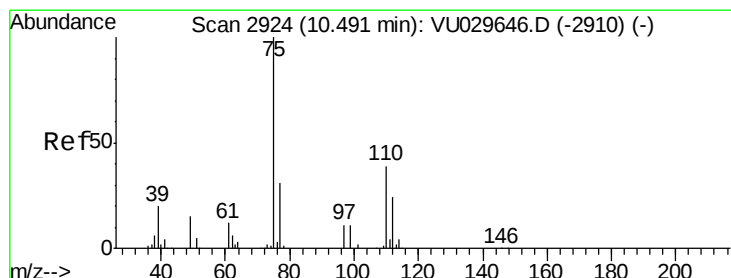
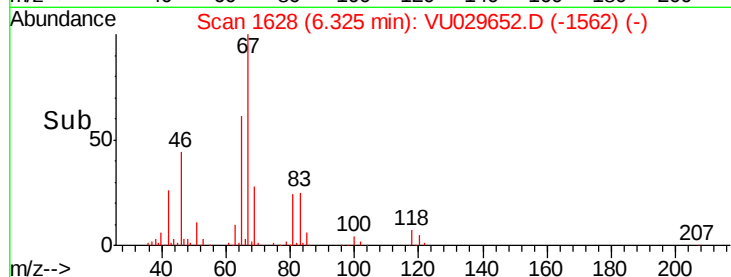
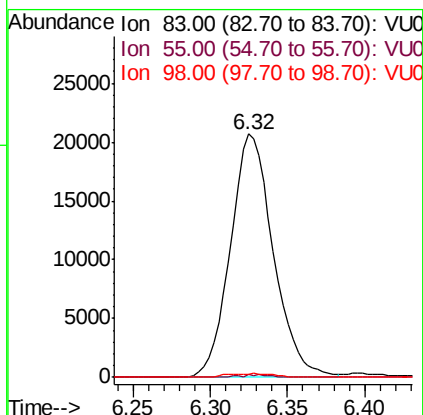
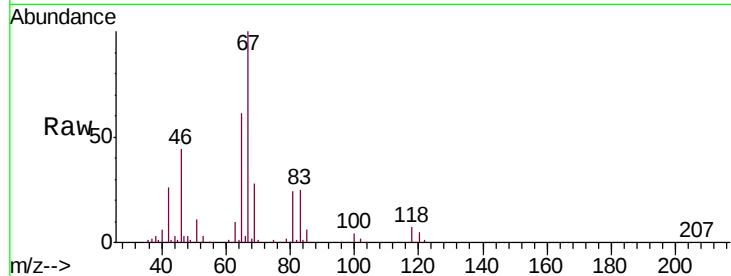
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#35
Methylcyclohexane
Concen: 7.457 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU029652.D
Acq: 25 Feb 2019 12:58

Instrument :
MSVOA_U
ClientSampled :
BF7Z3

Tgt Ion: 83 Resp: 39806
Ion Ratio Lower Upper
83 100
55 0.2 55.2 82.8#
98 0.0 39.4 59.2#



#59
1,2,3-Trichloropropane
Concen: 5.272 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029652.D
Acq: 25 Feb 2019 12:58

Tgt Ion: 75 Resp: 23544
Ion Ratio Lower Upper
75 100
77 37.2 25.7 38.5

