

Data File : VU028460.D
Acq On : 04 Dec 2018 12:02
Operator : MD/SY
Sample : J6171-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9Y51

Quant Time: Dec 05 03:13:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 05 03:10:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	452314	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	168725	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.38%
7) Chloroethane-d5	1.68	69	142221	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.27	63	244717	34.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.00%
21) 2-Butanone-d5	4.17	46	328036	98.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.77%
24) Chloroform-d	4.65	84	302973	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
26) 1,2-Dichloroethane-d4	5.31	65	204551	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.34	84	629098	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.33	67	230173	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.64%
41) Toluene-d8	7.57	98	540574	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%
43) trans-1,3-Dichloropropene-	7.85	79	101207	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.10%
47) 2-Hexanone-d5	8.31	63	229672	99.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293887	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	187707	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2055	0.695 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2072	0.726 ug/L #	1
13) Acetone	2.32	43	3317	0.960 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	4183	0.744 ug/L	86

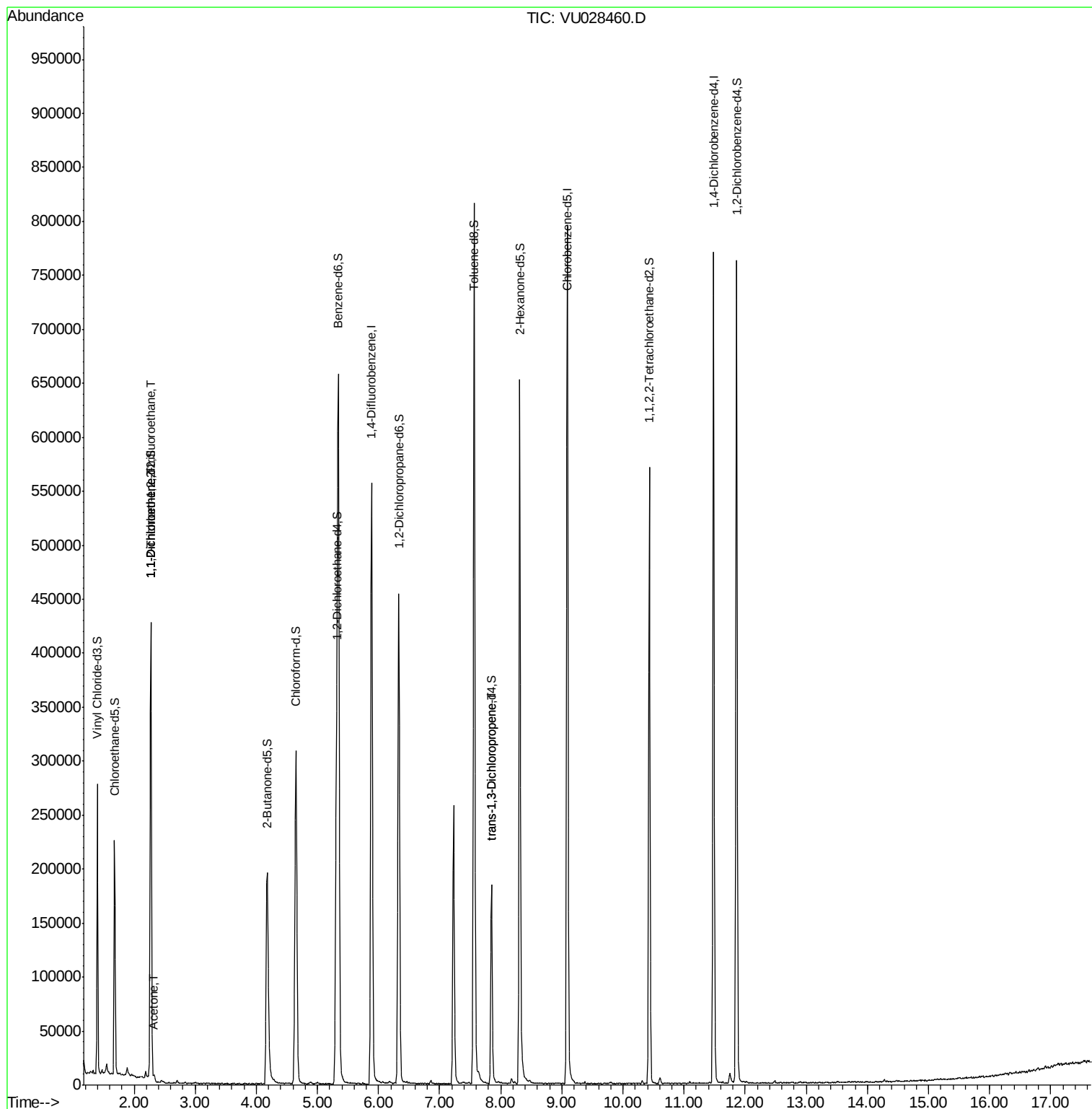
(#) = qualifier out of range (m) = manual integration (+) = signals summed

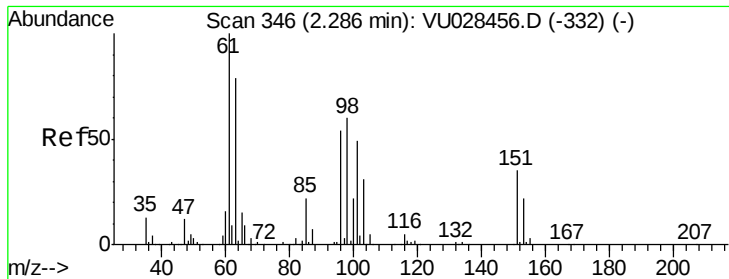
Data File : VU028460.D

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Acq On       : 04 Dec 2018   12:02
Operator    : MD/SY
Sample      : J6171-21
Misc       : 5.0mL/MSVOA_U/WATER
ALS Vial    : 6      Sample Multiplier: 1
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Instrument :
MSVOA_U
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#10

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

Concen: 0.695 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028460.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_U

ClientSampled :

F9Y51

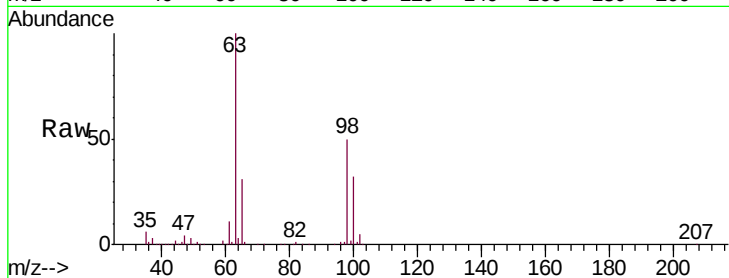
Tgt Ion: 101 Resp: 2055

Ion Ratio Lower Upper

101 100

85 0.0 36.5 54.7#

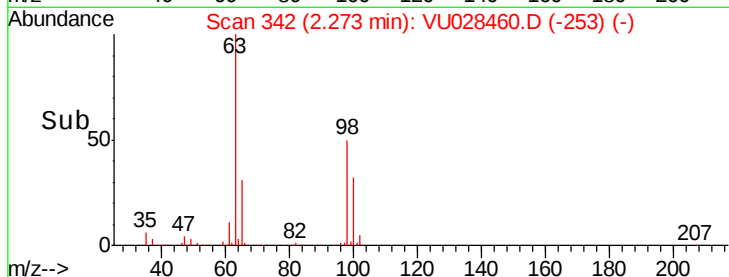
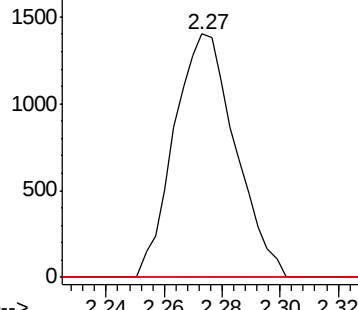
151 0.0 55.0 82.6#



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: 0.726 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028460.D

Acq: 04 Dec 2018 12:02

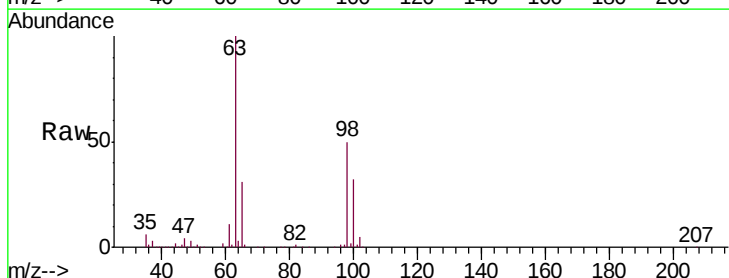
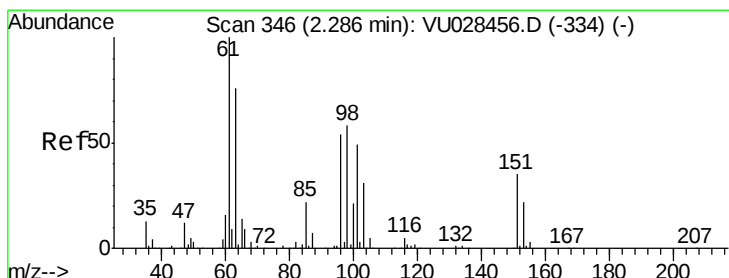
Tgt Ion: 96 Resp: 2072

Ion Ratio Lower Upper

96 100

61 1386.2 136.2 252.9#

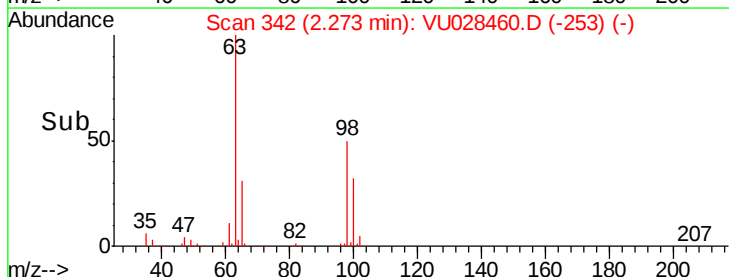
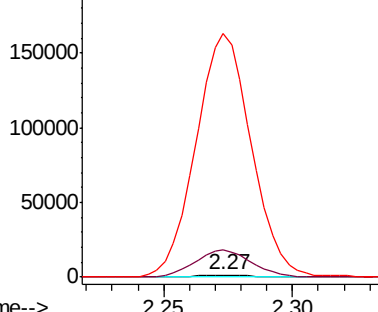
63 12660.8 95.5 177.4#

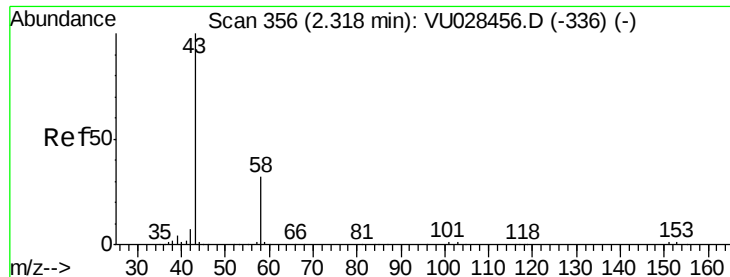


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.960 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_U

ClientSampleId :

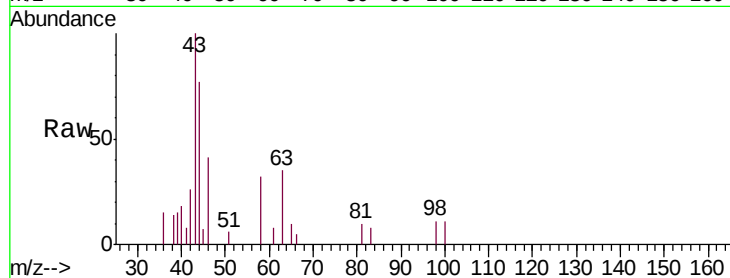
F9Y51

Tgt Ion: 43 Resp: 3317

Ion Ratio Lower Upper

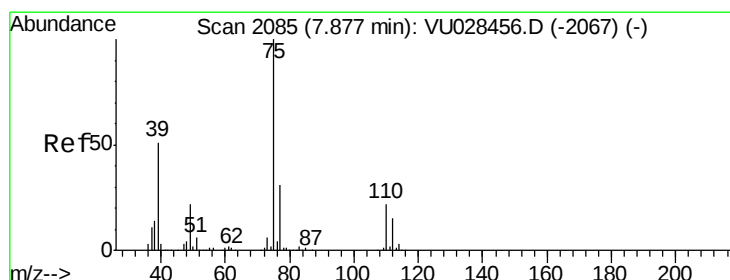
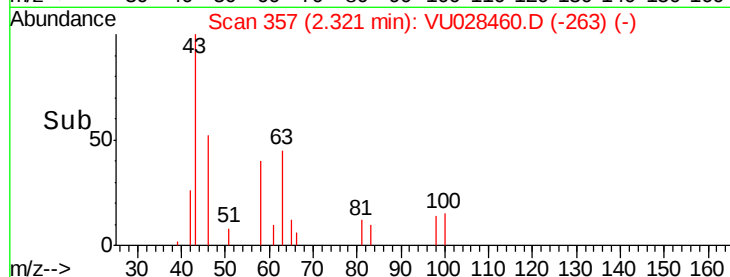
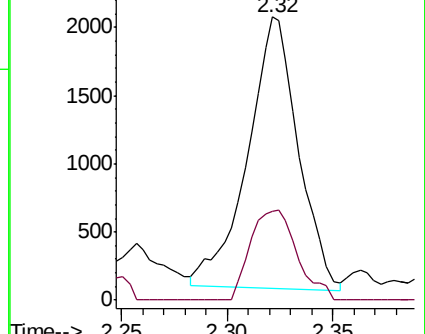
43 100

58 29.4 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

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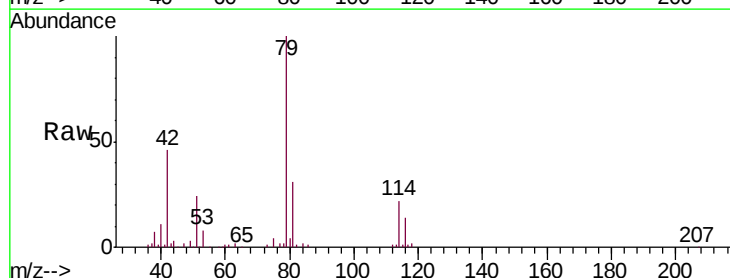
Acq: 04 Dec 2018 12:02

Tgt Ion: 75 Resp: 4183

Ion Ratio Lower Upper

75 100

77 39.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

