

Data File : VU032197.D
Acq On : 21 May 2019 14:10
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: May 22 02:12:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	848676	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	836869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361949	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	264813	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.68%
7) Chloroethane-d5	1.67	69	229645	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.27	63	376660	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
21) 2-Butanone-d5	4.17	46	336120	98.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.41%
24) Chloroform-d	4.64	84	507918	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
26) 1,2-Dichloroethane-d4	5.30	65	314105	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.33	84	1082460	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.32	67	314997	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.30%
41) Toluene-d8	7.56	98	1001350	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%
43) trans-1,3-Dichloropropene-	7.85	79	139741	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.16%
47) 2-Hexanone-d5	8.31	63	279370	98.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	475176	46.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	383287	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%

Target Compounds

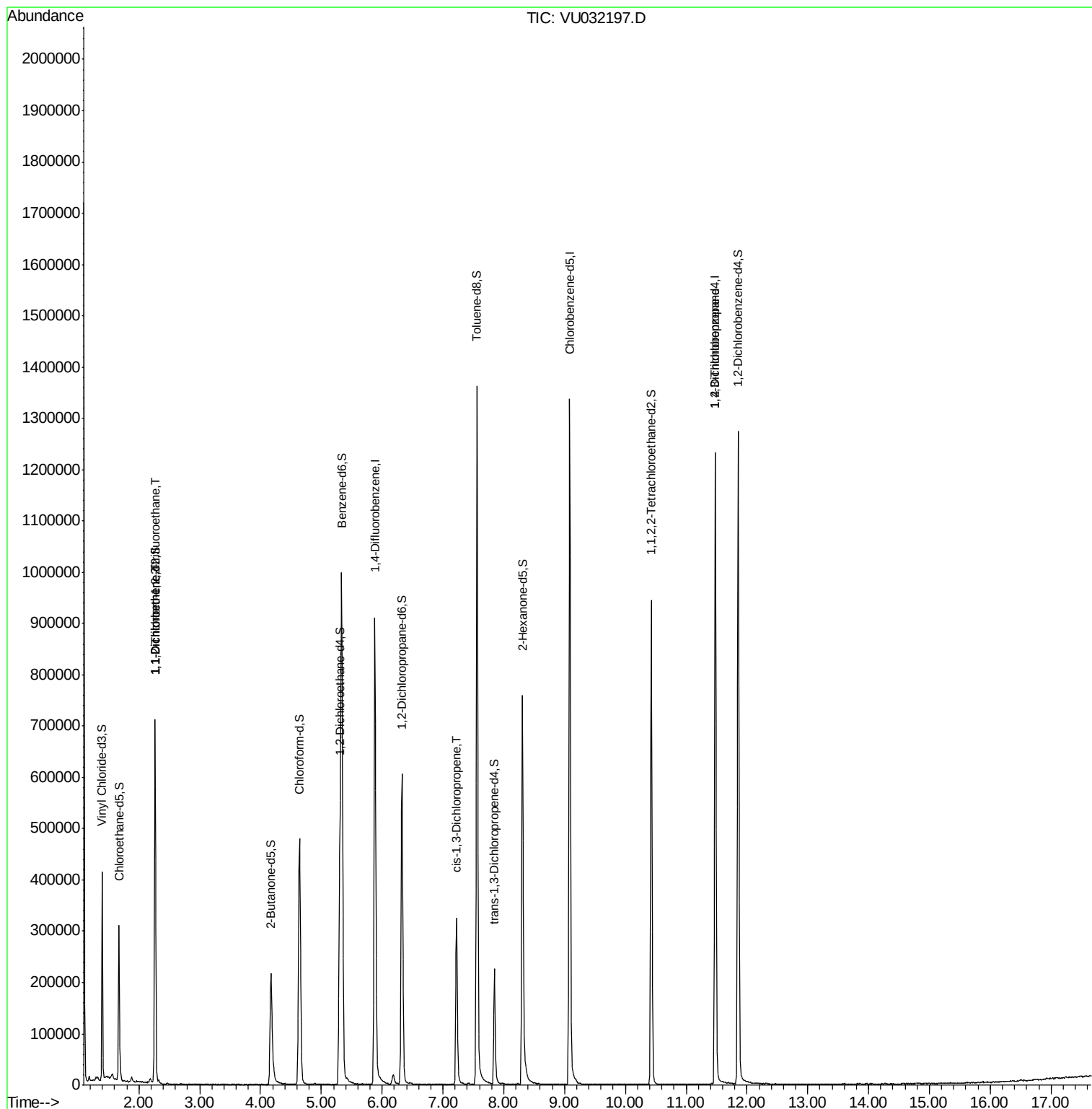
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4091	0.715 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	3144	0.553 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	8387	0.937 ug/L #	35
59) 1,2,3-Trichloropropane	11.48	75	36393	4.612 ug/L	92

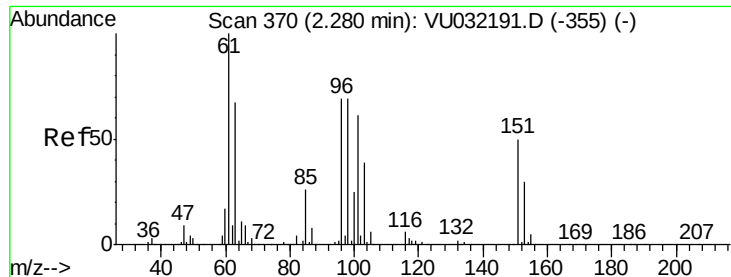
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.715 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

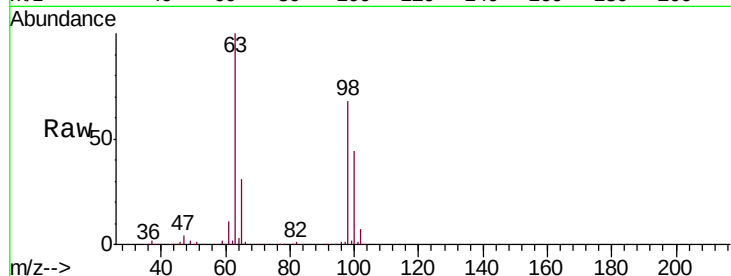
Tgt Ion: 101 Resp: 4091

Ion Ratio Lower Upper

101 100

85 1.4 32.5 48.7#

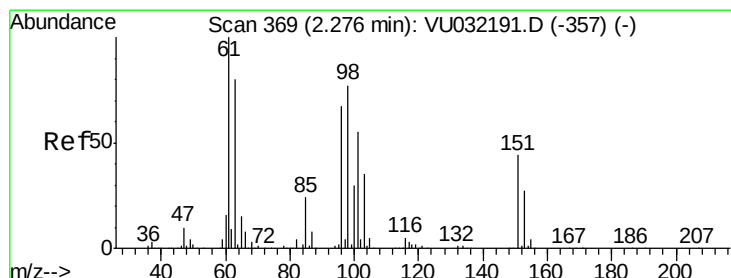
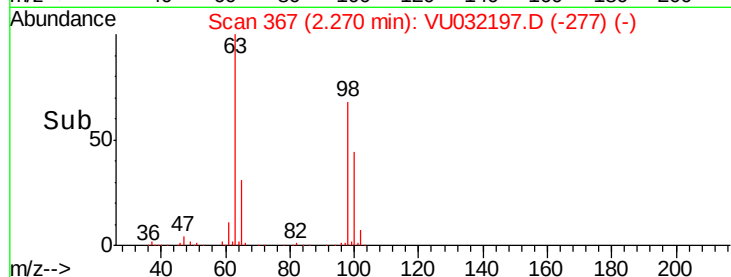
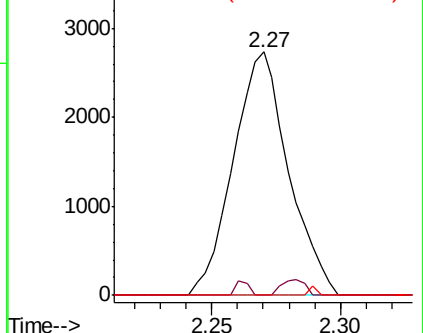
151 0.0 63.1 94.7#



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: 0.553 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032197.D

Acq: 21 May 2019 14:10

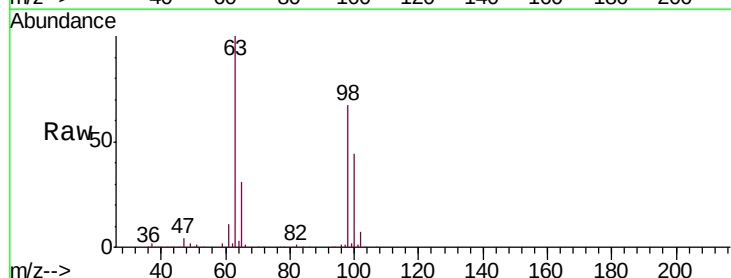
Tgt Ion: 96 Resp: 3144

Ion Ratio Lower Upper

96 100

61 1303.4 103.7 192.7#

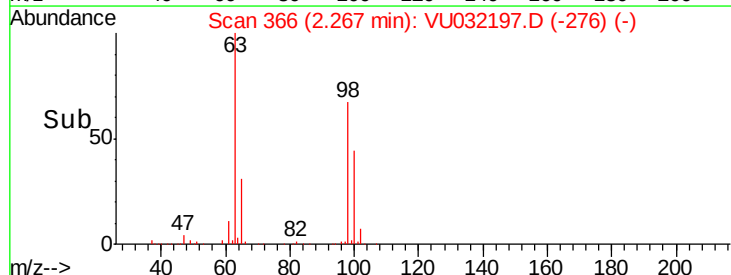
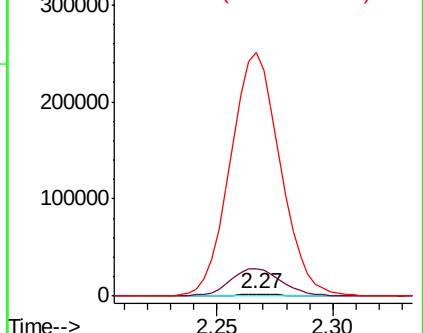
63 11479.0 83.3 154.7#

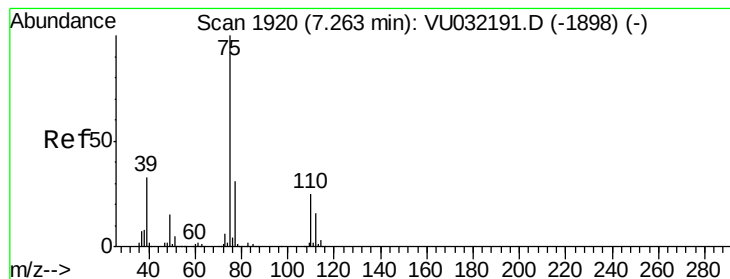


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



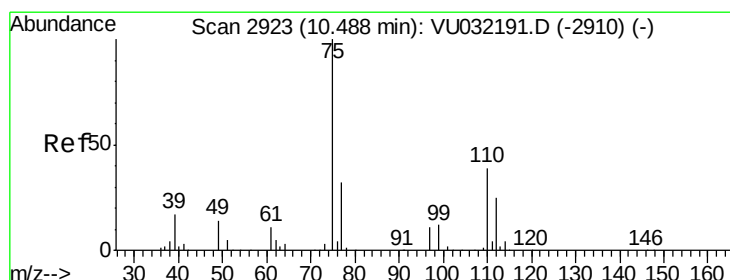
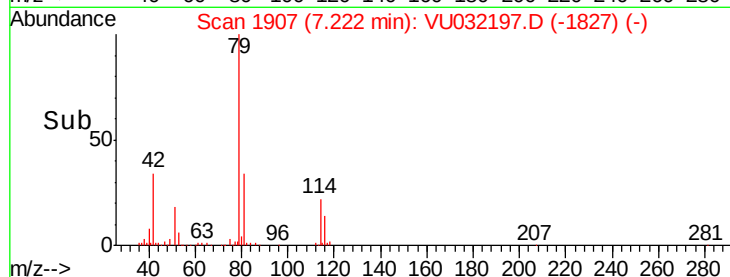
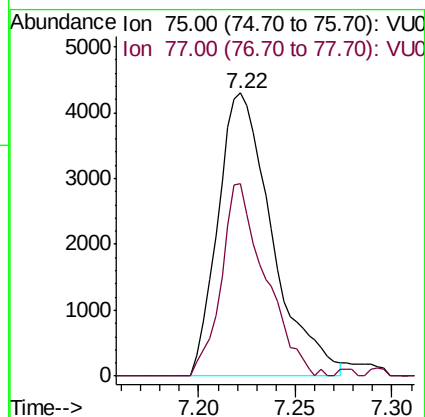
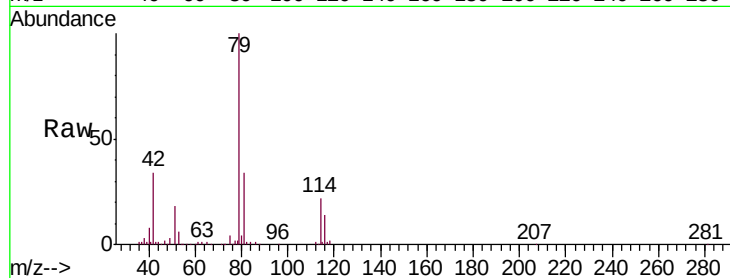


#39

cis-1,3-Dichloropropene
Concen: 0.937 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 8387
Ion Ratio Lower Upper
75 100
77 67.9 22.2 41.2#



#59

1,2,3-Trichloropropane
Concen: 4.612 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032197.D
Acq: 21 May 2019 14:10

Tgt Ion: 75 Resp: 36393
Ion Ratio Lower Upper
75 100
77 37.0 26.0 39.0

