

Data File : VU034595.D
Acq On : 17 Sep 2019 03:54
Operator : JC/SP
Sample : K4838-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMM4

Quant Time: Sep 17 05:06:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	251163	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	233560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	95729	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57885	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.54%
7) Chloroethane-d5	1.67	69	51764	55.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.08%
11) 1,1-Dichloroethene-d2	2.26	63	94040	37.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.86%
21) 2-Butanone-d5	4.15	46	154244	112.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.89%
24) Chloroform-d	4.62	84	143695	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
26) 1,2-Dichloroethane-d4	5.29	65	92982	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
32) Benzene-d6	5.32	84	271936	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
36) 1,2-Dichloropropane-d6	6.31	67	103322	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.10%
41) Toluene-d8	7.54	98	256034	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%
43) trans-1,3-Dichloropropene-	7.83	79	45109	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.29	63	106837	103.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	155579	52.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.16%
64) 1,2-Dichlorobenzene-d4	11.84	152	91374	53.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.02%

Target Compounds

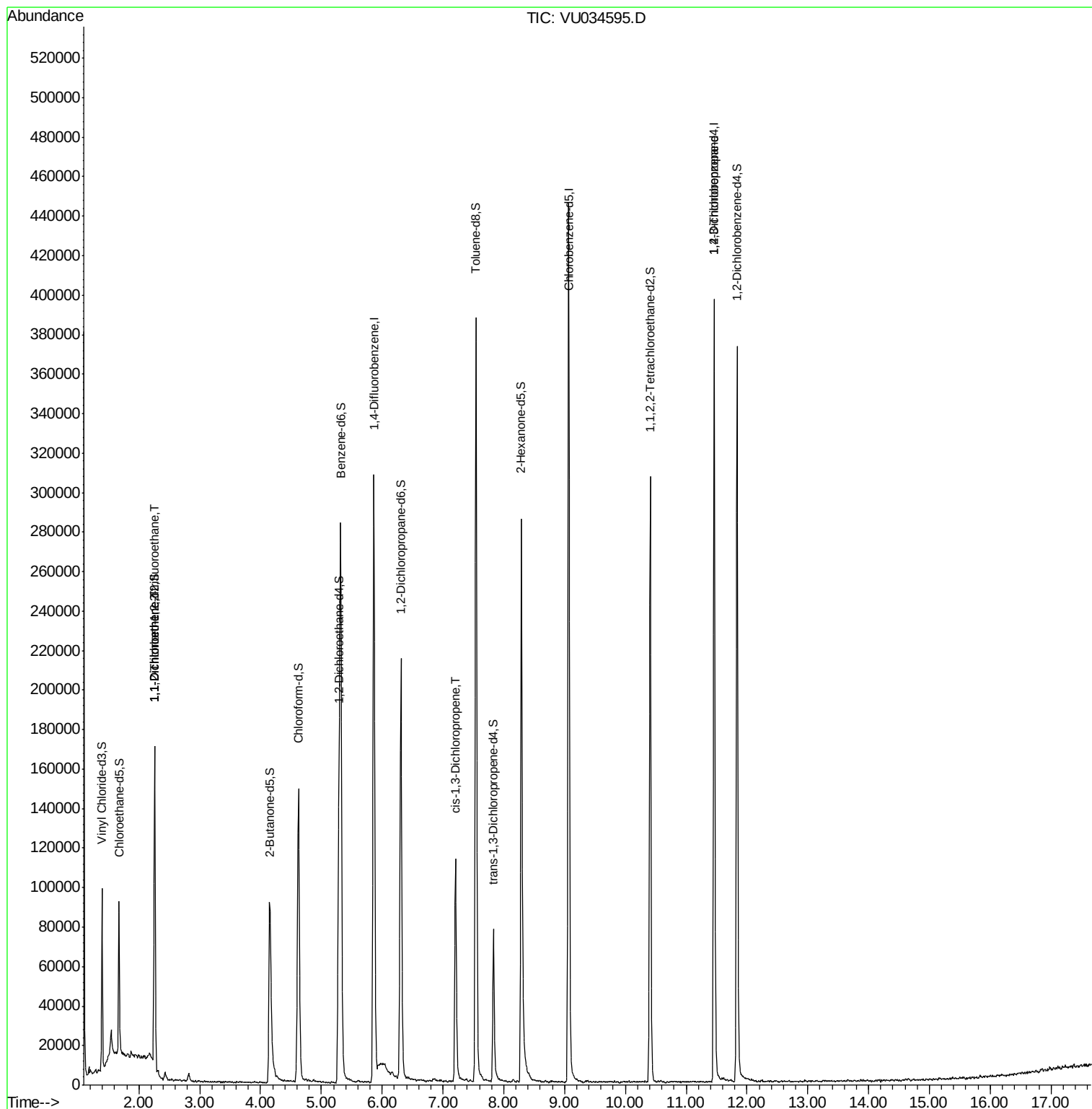
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	937	0.717 ug/L #	29
12) 1,1-Dichloroethene	2.27	96	1687	1.413 ug/L #	1
39) cis-1,3-Dichloropropene	7.21	75	3255	1.205 ug/L	85
59) 1,2,3-Trichloropropane	11.46	75	15324	6.239 ug/L	94

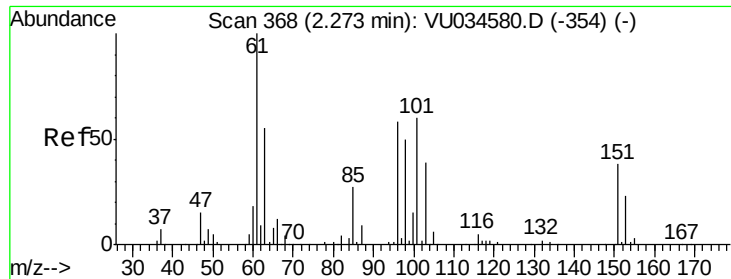
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.717 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Acq: 17 Sep 2019 03:54

Instrument :

MSVOA_U

ClientSampleId :

COMM4

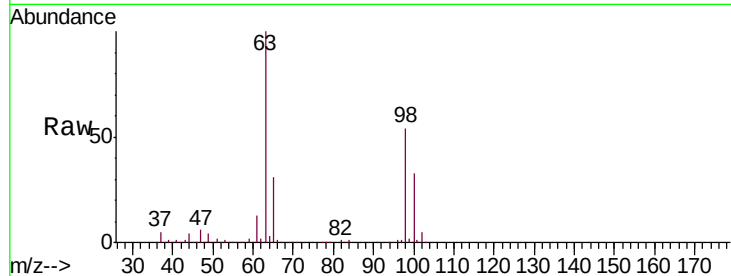
Tgt Ion: 101 Resp: 937

Ion Ratio Lower Upper

101 100

85 12.1 37.0 55.6#

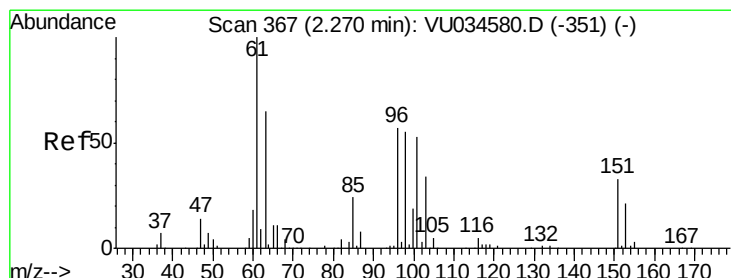
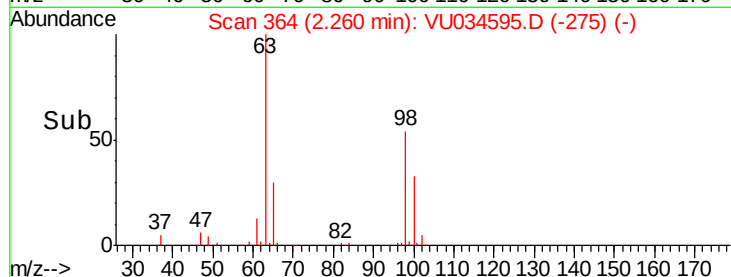
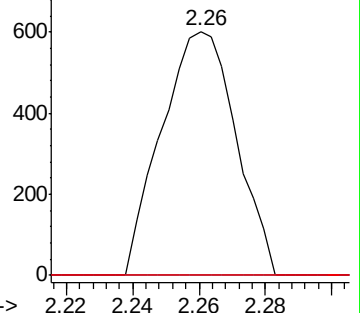
151 0.0 54.1 81.1#



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: 1.413 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

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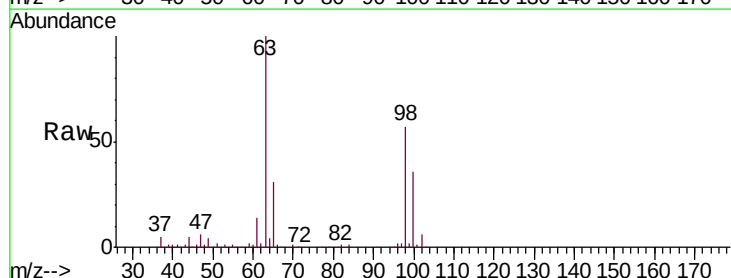
Tgt Ion: 96 Resp: 1687

Ion Ratio Lower Upper

96 100

61 677.6 117.8 218.8#

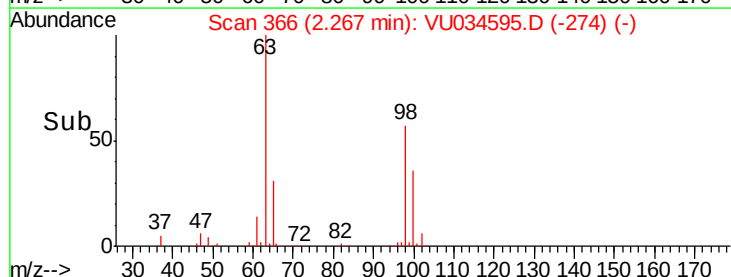
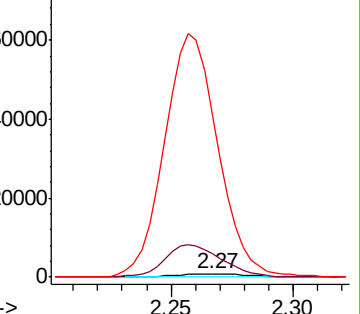
63 4748.2 83.8 155.6#

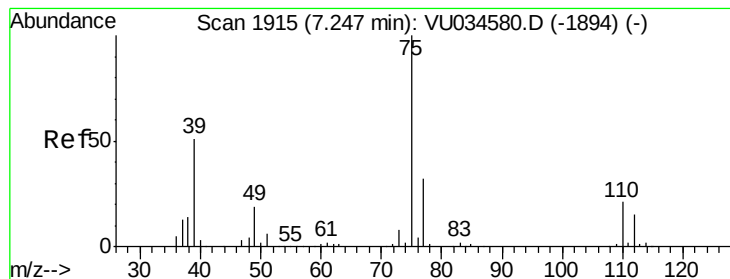


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



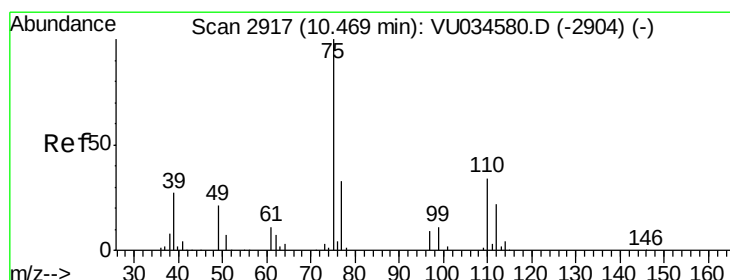
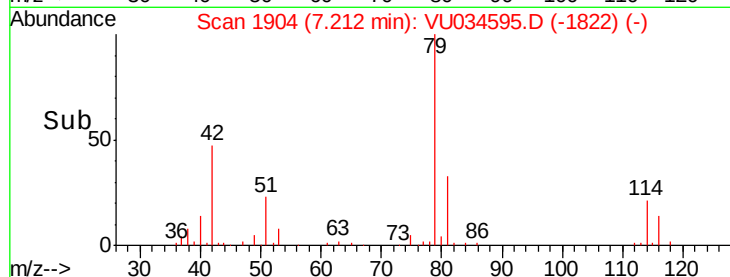
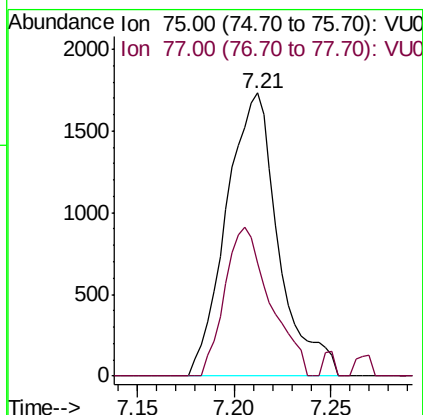
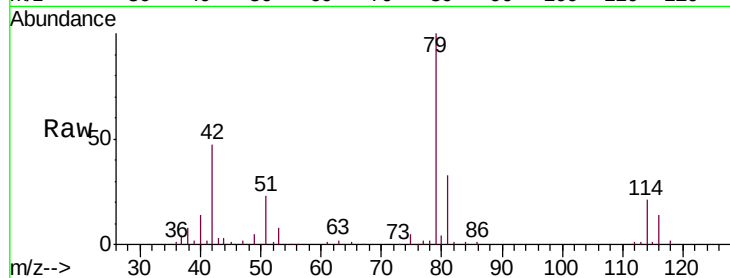


#39

cis-1,3-Dichloropropene
 Concen: 1.205 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 3255
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.3 41.3



#59

1,2,3-Trichloropropane
 Concen: 6.239 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034595.D
 Acq: 17 Sep 2019 03:54

Tgt Ion: 75 Resp: 15324
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.1 39.1

