

Data File : VU035317.D
Acq On : 19 Oct 2019 15:00
Operator : JC/SP
Sample : K5344-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 21 05:49:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	777096	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	740007	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	290744	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	315256	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.93	69	272888	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.59	63	415257	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.28%
21) 2-Butanone-d5	4.70	46	462453	104.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.36%
24) Chloroform-d	5.12	84	531463	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.75	65	355527	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
32) Benzene-d6	5.77	84	1095187	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
36) 1,2-Dichloropropane-d6	6.74	67	351749	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.16%
41) Toluene-d8	7.93	98	1014992	50.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.70%
43) trans-1,3-Dichloropropene-	8.21	79	177419	50.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.44%
47) 2-Hexanone-d5	8.68	63	328366	108.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.37%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	489355	48.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.56%
64) 1,2-Dichlorobenzene-d4	12.22	152	330371	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

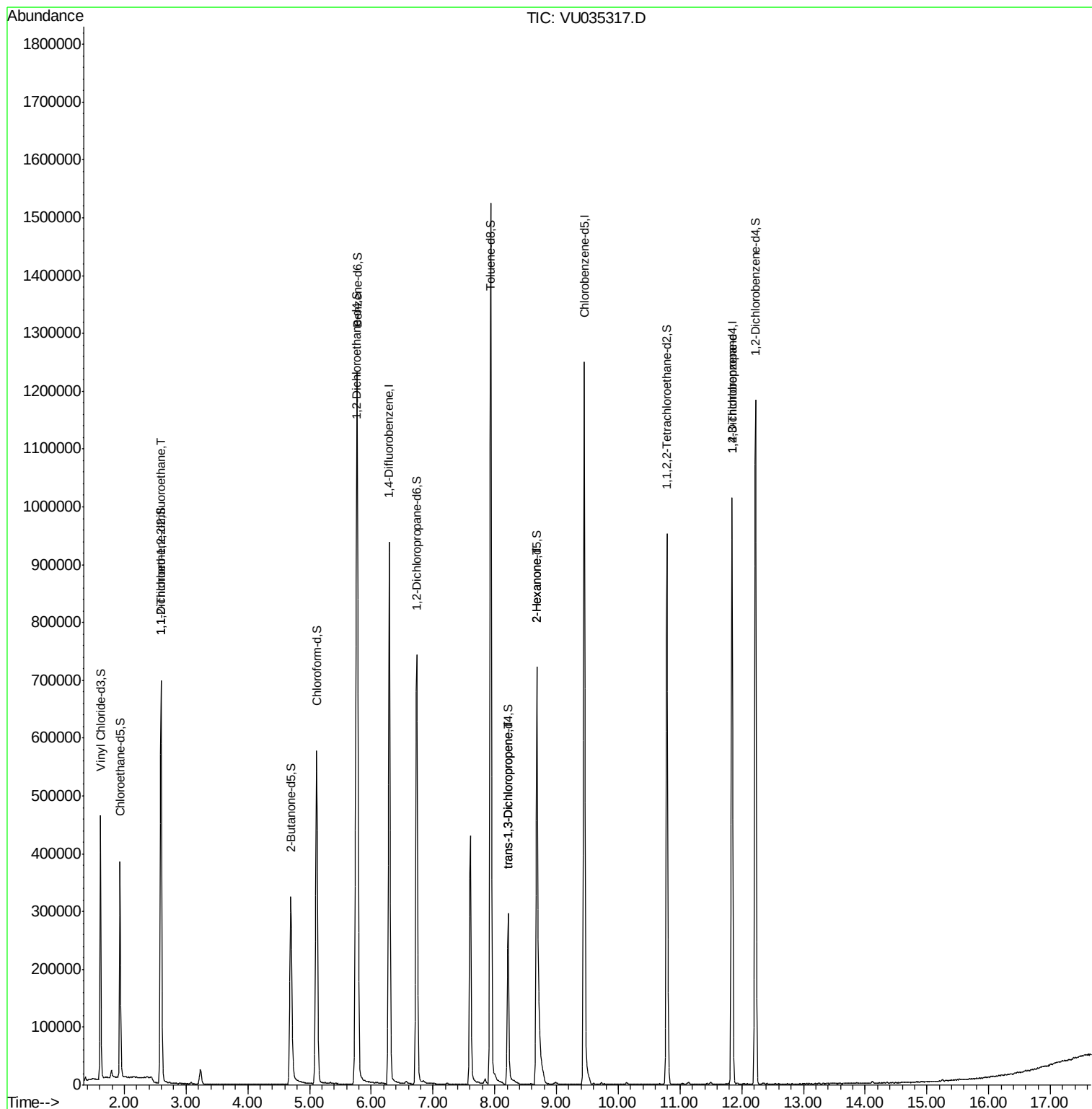
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3952	0.805 ug/L #	20
44) trans-1,3-Dichloropropene	8.21	75	8095	0.989 ug/L #	80
48) 2-Hexanone	8.68	43	33101	4.862 ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	33833	4.586 ug/L	92

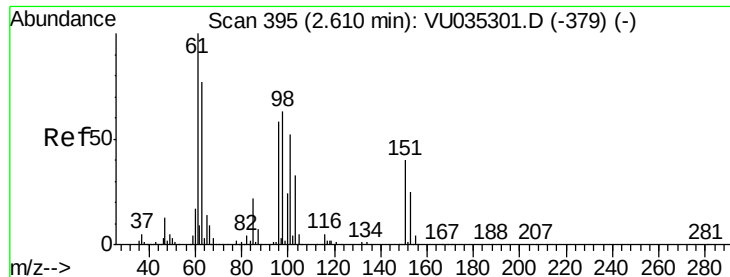
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.805 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.02 min

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VHBLK01

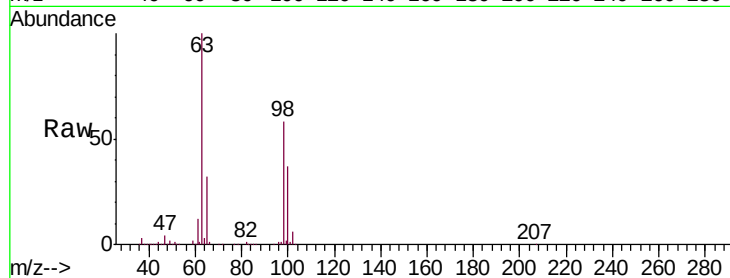
Tgt Ion:101 Resp: 3952

Ion Ratio Lower Upper

101 100

85 1.1 33.7 50.5#

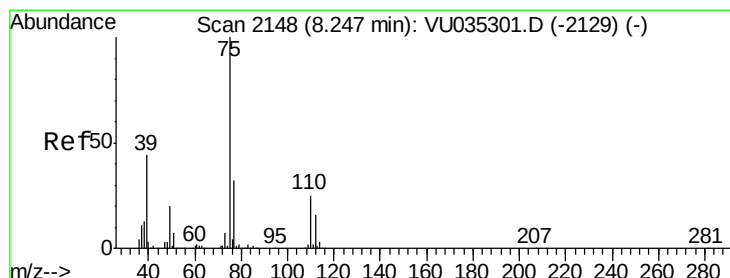
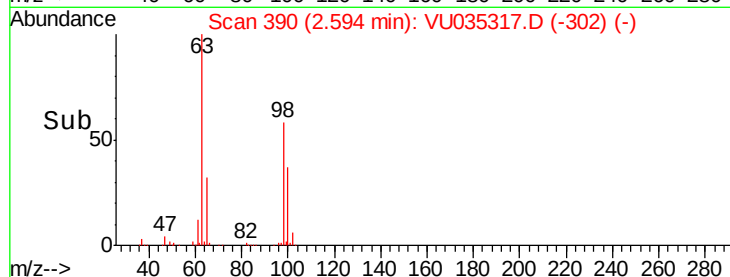
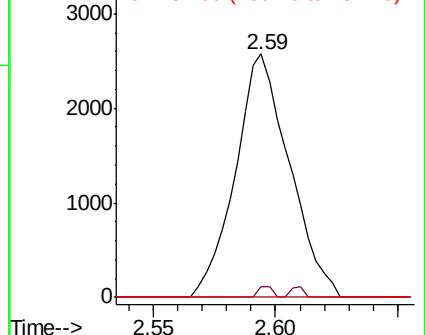
151 0.0 60.3 90.5#



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



#44

trans-1,3-Dichloropropene

Concen: 0.989 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.03 min

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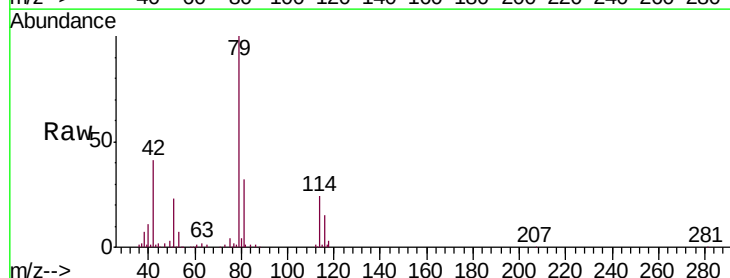
Acq: 19 Oct 2019 15:00

Tgt Ion: 75 Resp: 8095

Ion Ratio Lower Upper

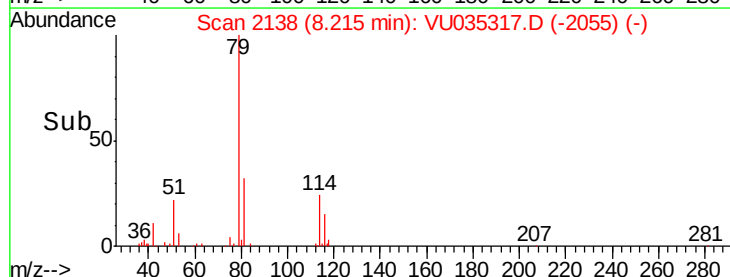
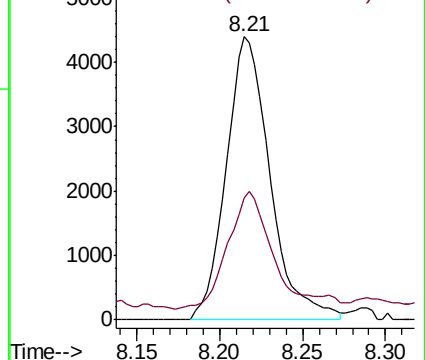
75 100

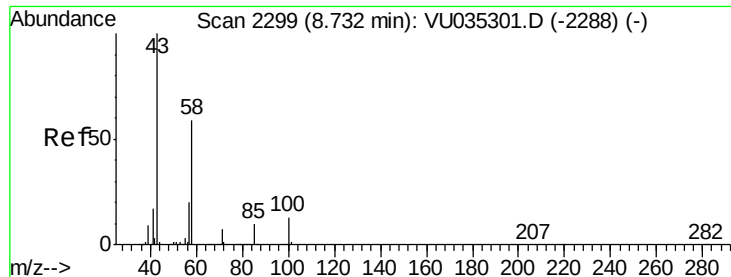
77 43.2 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

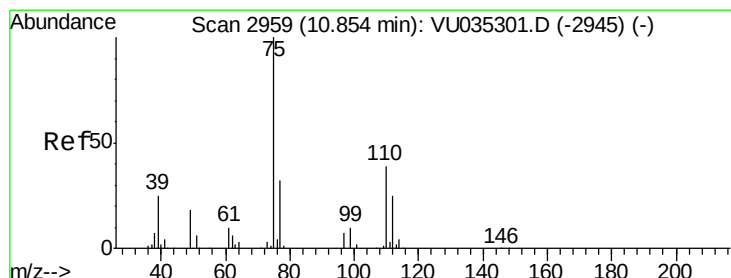
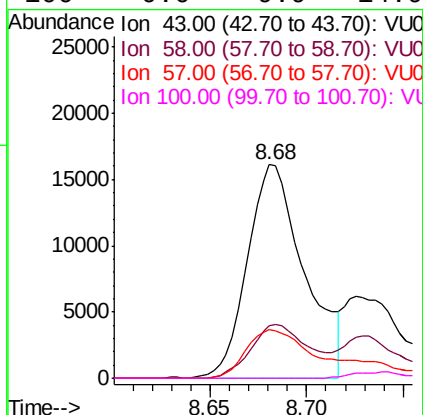
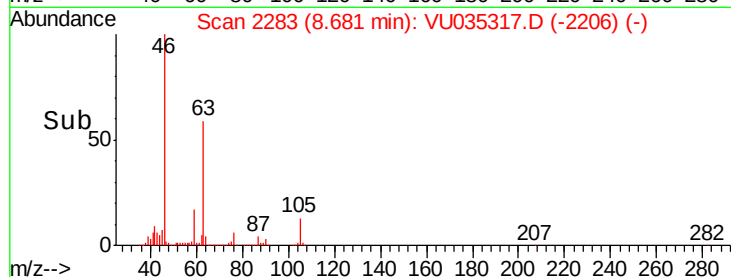
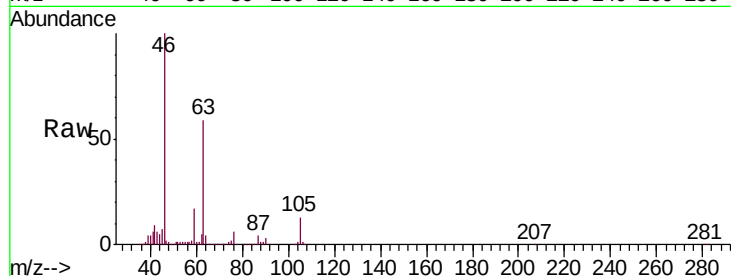




#48
 2-Hexanone
 Concen: 4.862 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	33101
Ion	Ratio	Lower	Upper
43	100		
58	25.1	42.7	64.1#
57	25.7	14.8	22.2#
100	0.0	9.9	14.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.586 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
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Tgt Ion:	75	Resp:	33833
Ion	Ratio	Lower	Upper
75	100		
77	37.4	26.2	39.2

