

Data File : VU035307.D
Acq On : 19 Oct 2019 10:21
Operator : JC/SP
Sample : VU1019WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Oct 21 05:46:02 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	650079	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	622905	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	207391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	267469	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.66%
7) Chloroethane-d5	1.93	69	230007	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.02%
11) 1,1-Dichloroethene-d2	2.60	63	345324	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
21) 2-Butanone-d5	4.70	46	384946	103.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.85%
24) Chloroform-d	5.11	84	436323	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.75	65	295392	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
32) Benzene-d6	5.77	84	912909	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
36) 1,2-Dichloropropane-d6	6.74	67	295904	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.93	98	847219	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	8.22	79	144241	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.68	63	256551	100.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.59%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	404204	47.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.74%
64) 1,2-Dichlorobenzene-d4	12.22	152	235760	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

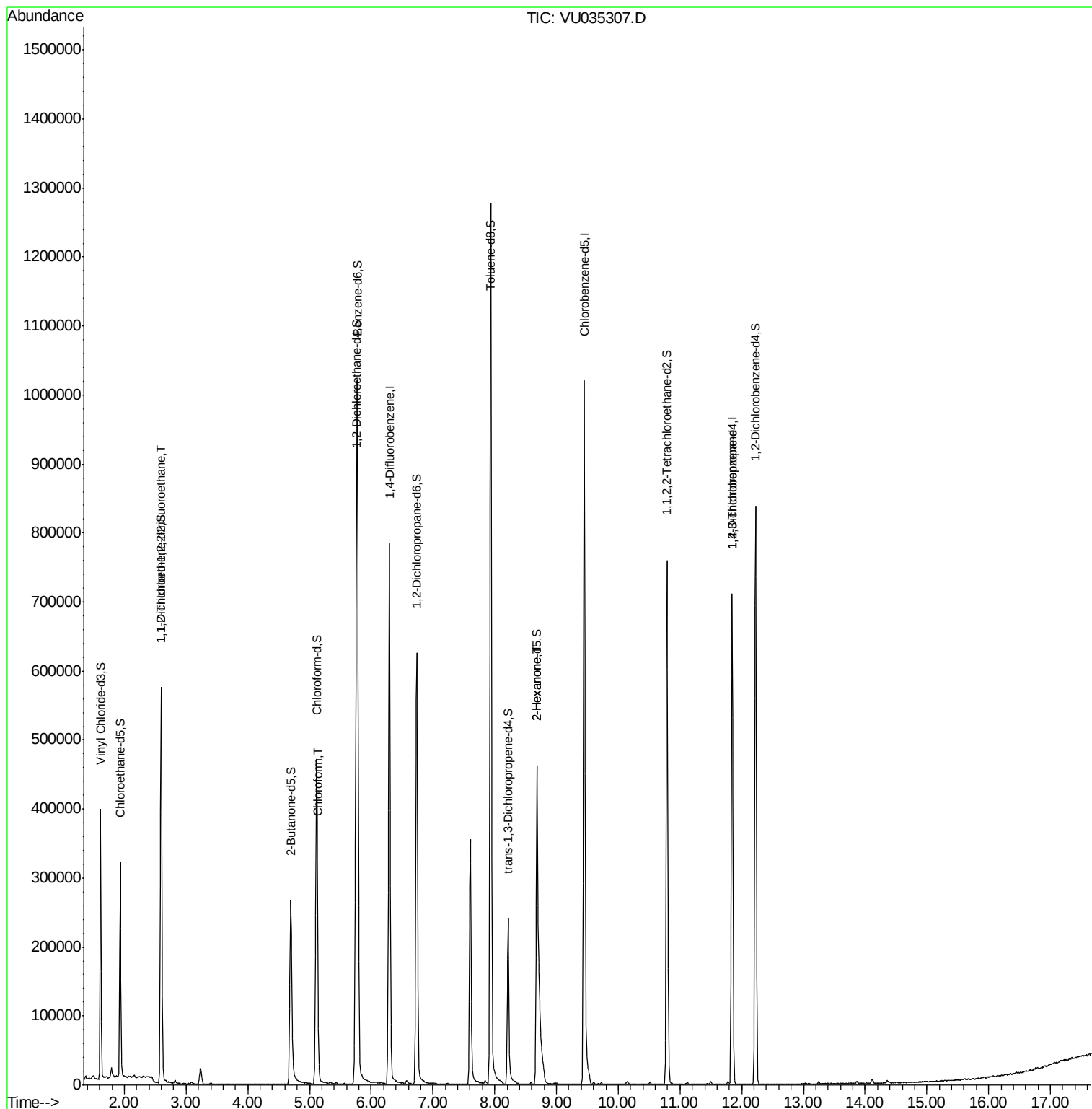
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3542	0.863 ug/L #	21
25) Chloroform	5.14	83	8864	1.056 ug/L	99
48) 2-Hexanone	8.68	43	21606	3.770 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	25507	4.107 ug/L	90

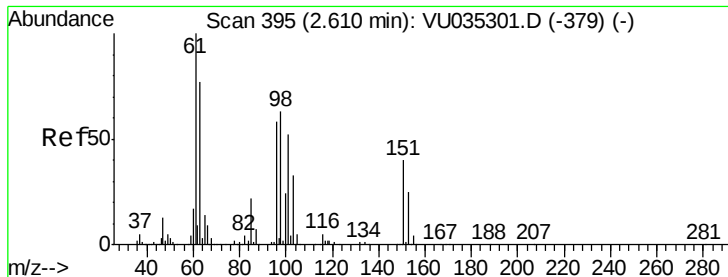
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.863 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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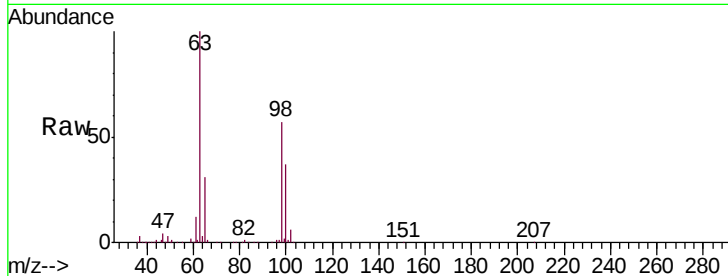
Tgt Ion:101 Resp: 3542

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

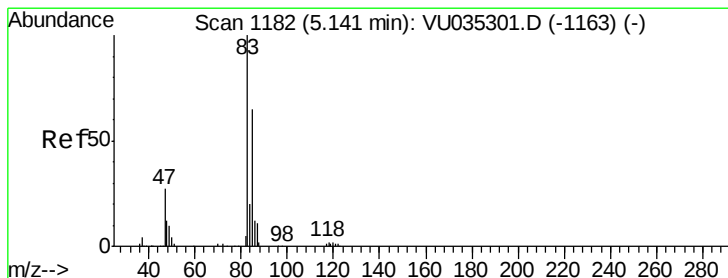
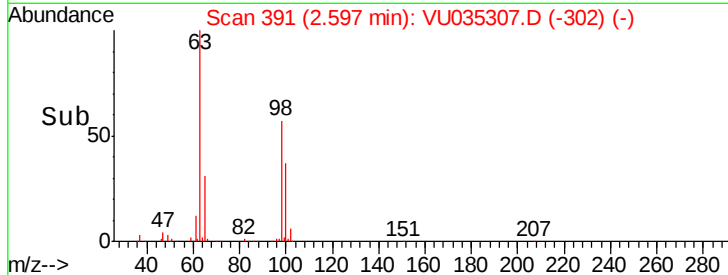
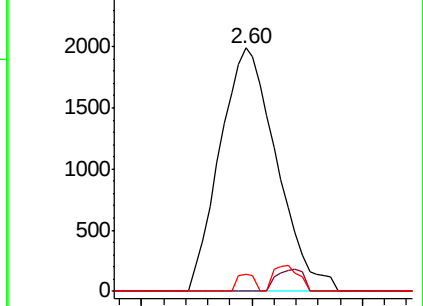
151 2.2 60.3 90.5#



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



#25

Chloroform

Concen: 1.056 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

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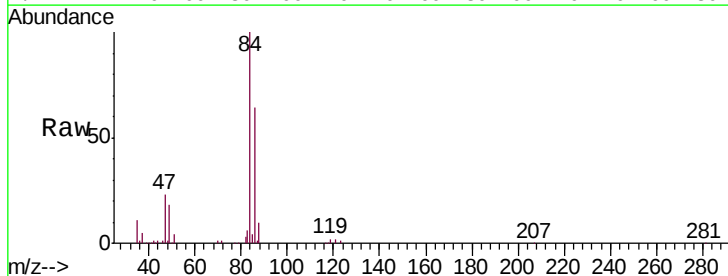
Acq: 19 Oct 2019 10:21

Tgt Ion: 83 Resp: 8864

Ion Ratio Lower Upper

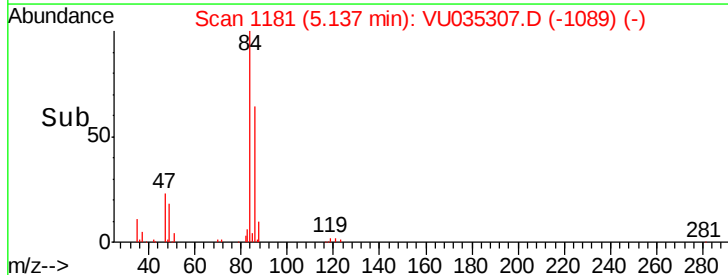
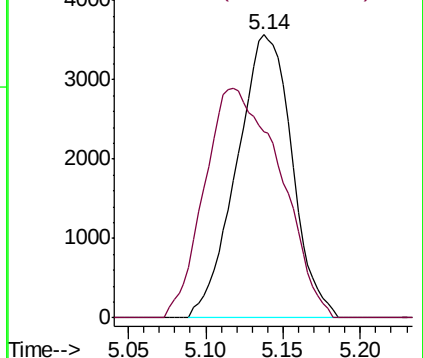
83 100

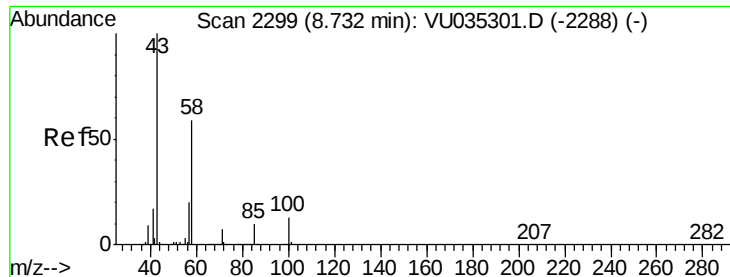
85 65.7 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

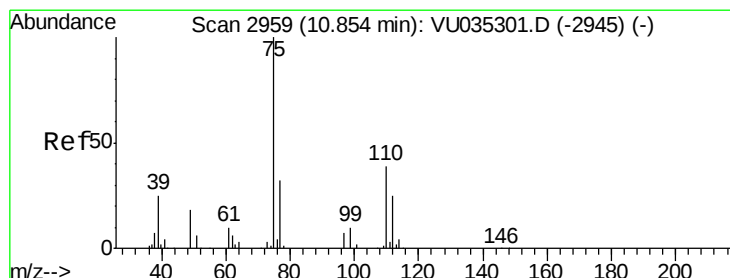
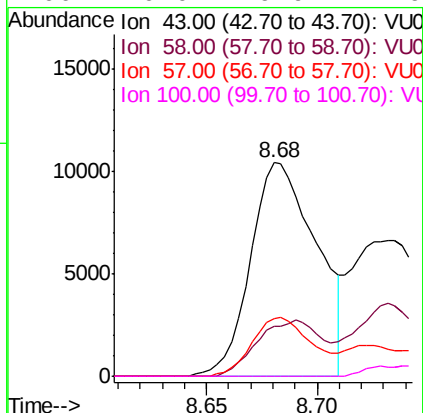
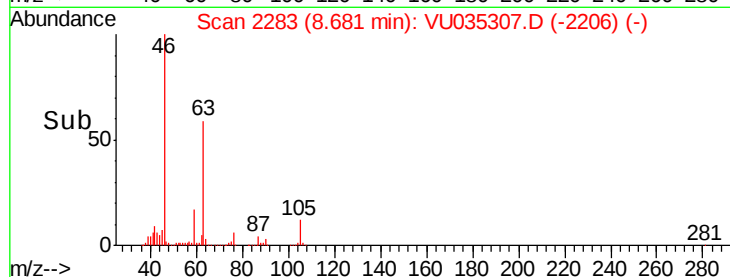
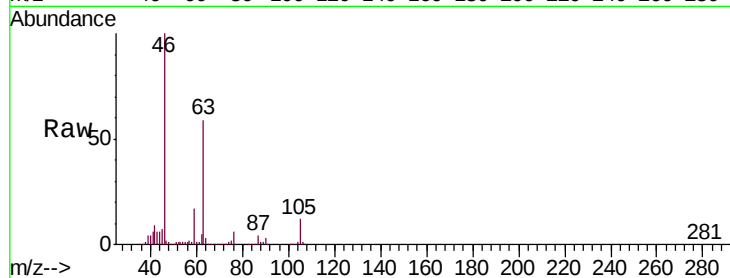




#48
 2-Hexanone
 Concen: 3.770 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	21606
Ion	Ratio	Lower	Upper
43	100		
58	25.4	42.7	64.1#
57	24.4	14.8	22.2#
100	0.0	9.9	14.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.107 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
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Tgt Ion:	75	Resp:	25507
Ion	Ratio	Lower	Upper
75	100		
77	38.2	26.2	39.2

