

Data File : VU035310.D
Acq On : 19 Oct 2019 11:54
Operator : JC/SP
Sample : K5344-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L7

Quant Time: Oct 21 05:46:47 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	676931	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	647707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	232565	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	279874	48.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.12%		
7) Chloroethane-d5	1.93	69	238957	48.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.80%		
11) 1,1-Dichloroethene-d2	2.60	63	355969	37.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.08%		
21) 2-Butanone-d5	4.70	46	370079	95.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.87%		
24) Chloroform-d	5.11	84	434322	46.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.30%		
26) 1,2-Dichloroethane-d4	5.75	65	300761	48.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.50%		
32) Benzene-d6	5.77	84	928330	49.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.40%		
36) 1,2-Dichloropropane-d6	6.74	67	298280	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.94%		
41) Toluene-d8	7.93	98	867062	49.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.28%		
43) trans-1,3-Dichloropropene-	8.22	79	145066	46.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.84%		
47) 2-Hexanone-d5	8.68	63	256343	96.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.66%		
57) 1,1,2,2-Tetrachloroethane-	10.79	84	404717	45.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.24%		
64) 1,2-Dichlorobenzene-d4	12.22	152	254312	47.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.34%		

Target Compounds

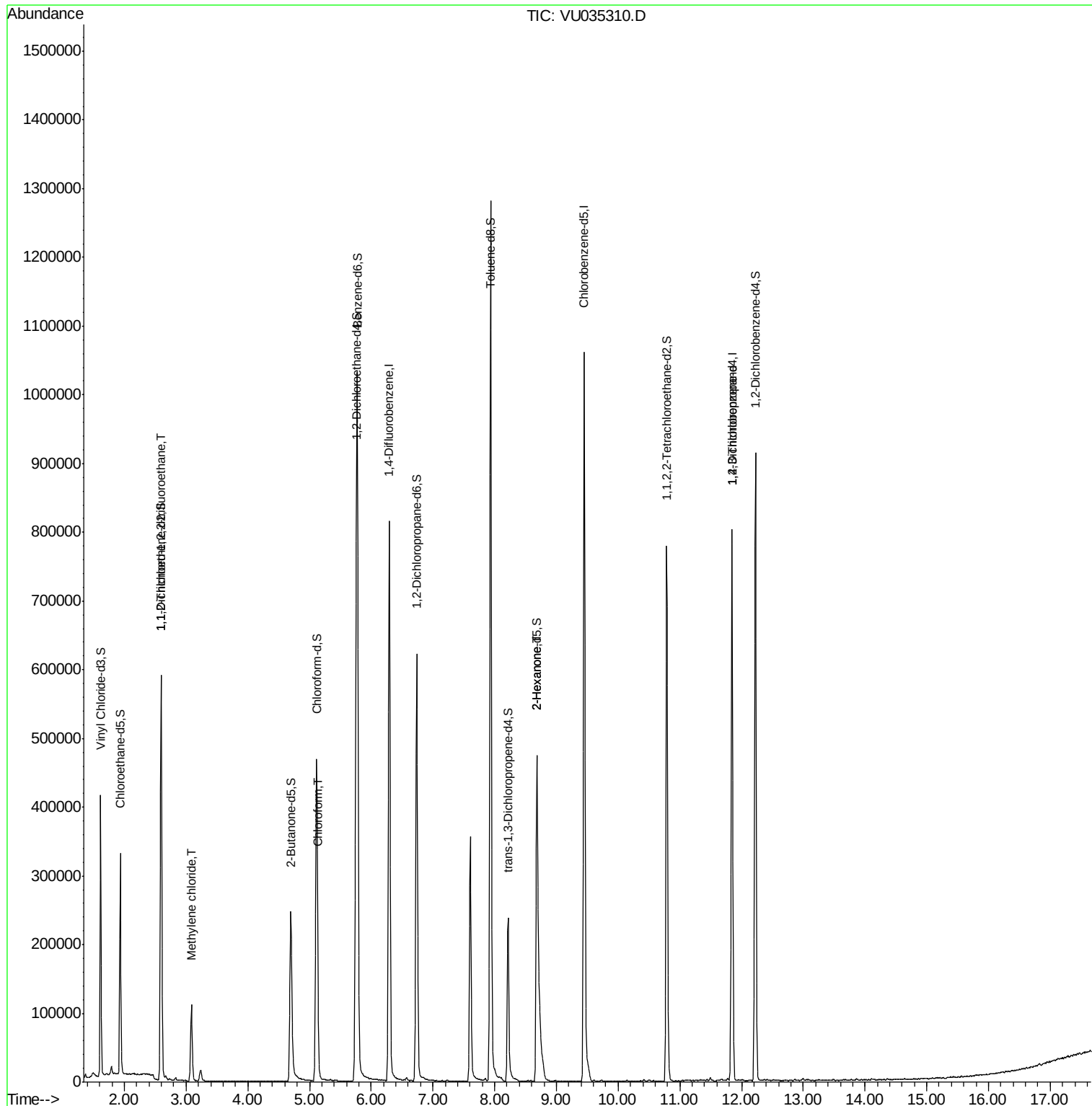
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3043	0.712	ug/L #	22
16) Methylene chloride	3.09	84	53416	10.854	ug/L	96
25) Chloroform	5.14	83	15342	1.755	ug/L	94
48) 2-Hexanone	8.68	43	21559	3.618	ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	29104	4.507	ug/L	100

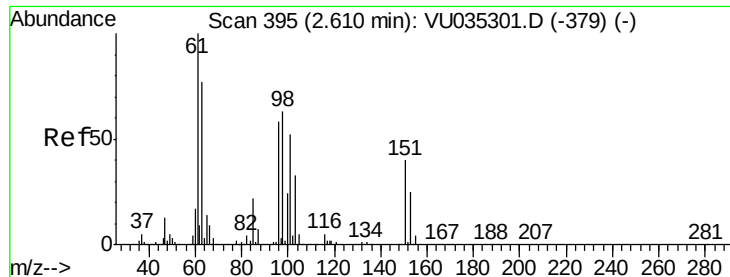
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.712 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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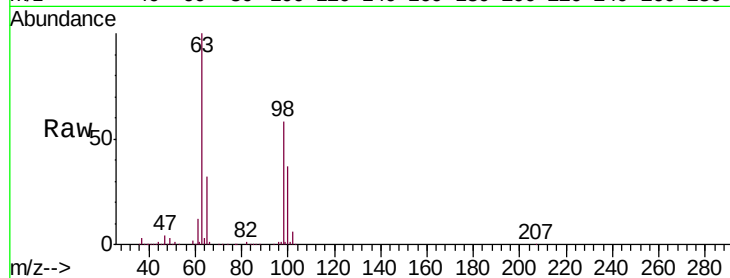
Tgt Ion: 101 Resp: 3043

Ion Ratio Lower Upper

101 100

85 1.4 33.7 50.5#

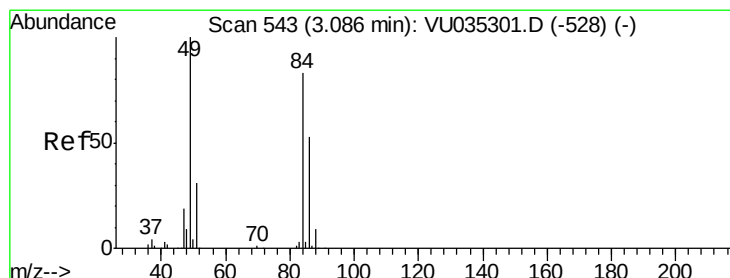
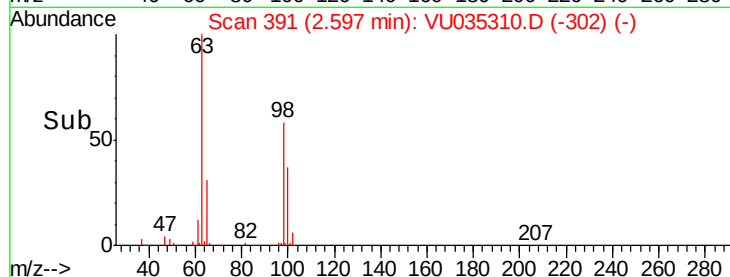
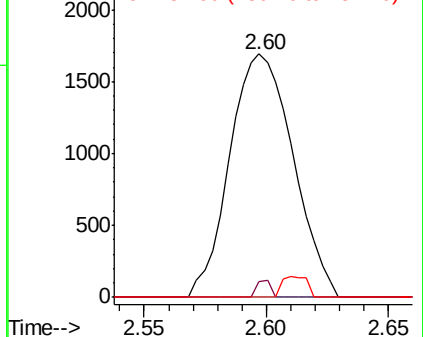
151 2.6 60.3 90.5#



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



#16

Methylene chloride

Concen: 10.854 ug/L

RT: 3.09 min Scan# 543

Delta R.T. -0.00 min

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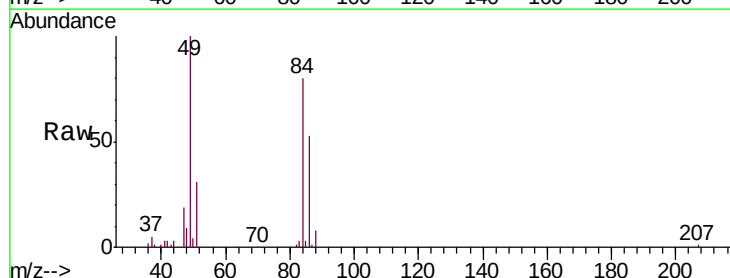
Tgt Ion: 84 Resp: 53416

Ion Ratio Lower Upper

84 100

86 66.7 44.4 82.5

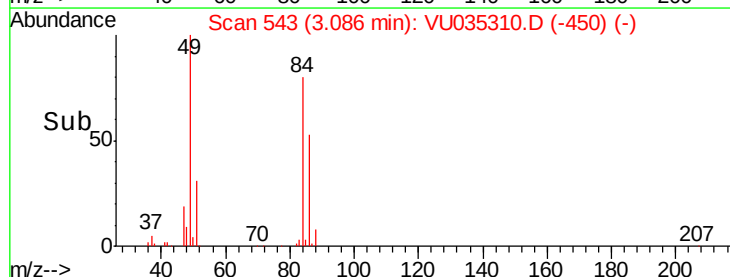
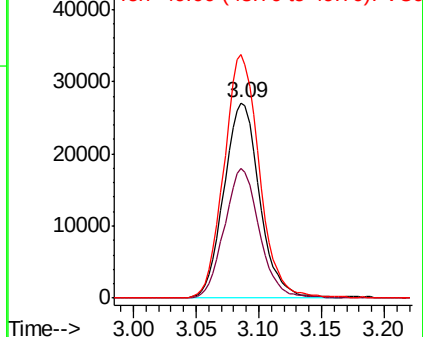
49 124.7 84.0 156.0

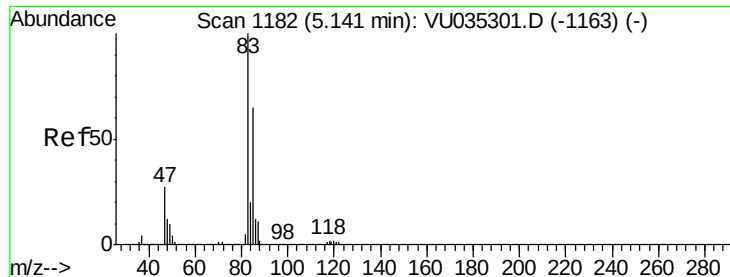


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#25

Chloroform

Concen: 1.755 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. -0.00 min

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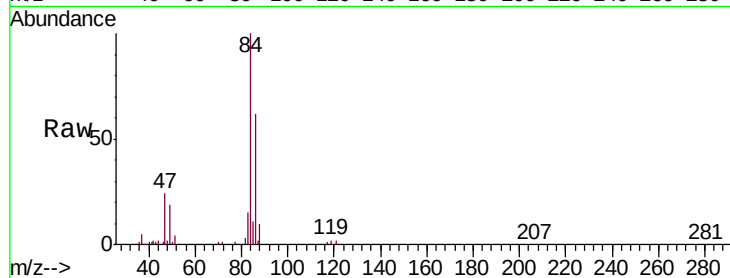
BF6L7

Tgt Ion: 83 Resp: 15342

Ion Ratio Lower Upper

83 100

85 69.6 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VU035310.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU035310.D (-1163) (-)

8000

6000

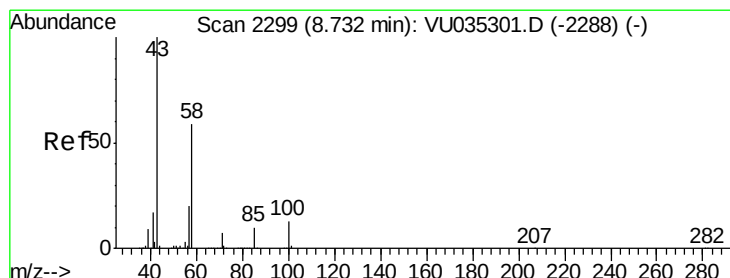
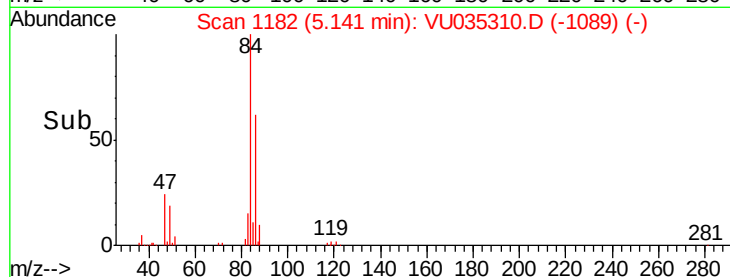
4000

2000

0

5.05 5.10 5.15 5.20

Time-->



#48

2-Hexanone

Concen: 3.618 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 21559

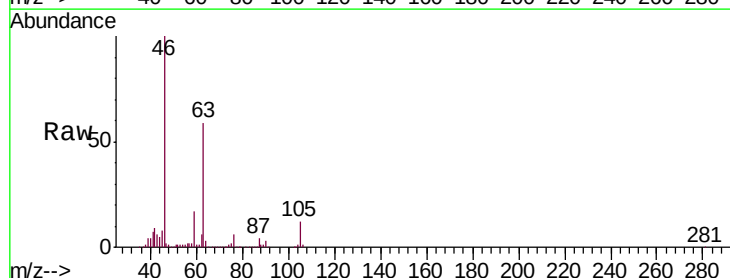
Ion Ratio Lower Upper

43 100

58 28.2 42.7 64.1#

57 26.6 14.8 22.2#

100 3.7 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VU035310.D (-2288) (-)

Ion 58.00 (57.70 to 58.70): VU035310.D (-2288) (-)

Ion 57.00 (56.70 to 57.70): VU035310.D (-2288) (-)

Ion 100.00 (99.70 to 100.70): VU035310.D (-2288) (-)

15000

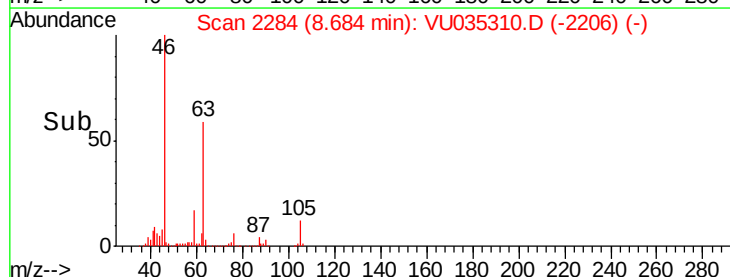
10000

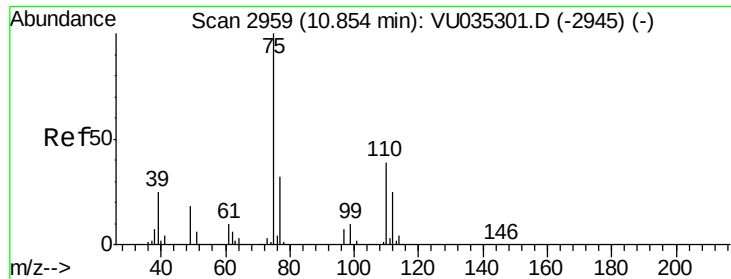
5000

0

8.65 8.70

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.507 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

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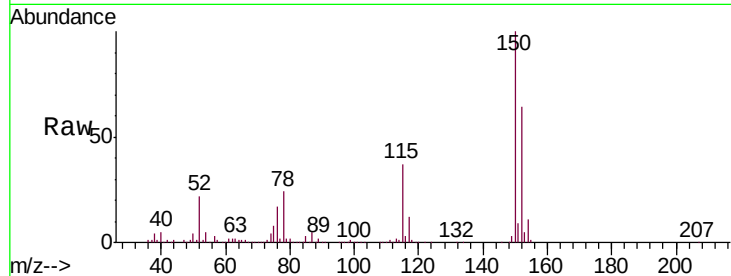
BF6L7

Tgt Ion: 75 Resp: 29104

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

