

Data File : VU033909.D
Acq On : 22 Aug 2019 19:08
Operator : JC/SP
Sample : K4420-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Aug 23 03:05:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	588536	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	595091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	249756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	248336	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.24%
7) Chloroethane-d5	1.67	69	202917	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.12%
11) 1,1-Dichloroethene-d2	2.25	63	344227	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.94%
21) 2-Butanone-d5	4.15	46	324001	93.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.29%
24) Chloroform-d	4.62	84	394674	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.28	65	269403	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
32) Benzene-d6	5.31	84	834079	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.31	67	273710	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.80%
41) Toluene-d8	7.55	98	723615	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.83	79	119068	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.06%
47) 2-Hexanone-d5	8.29	63	206187	90.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.39%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	358541	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	261261	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%

Target Compounds

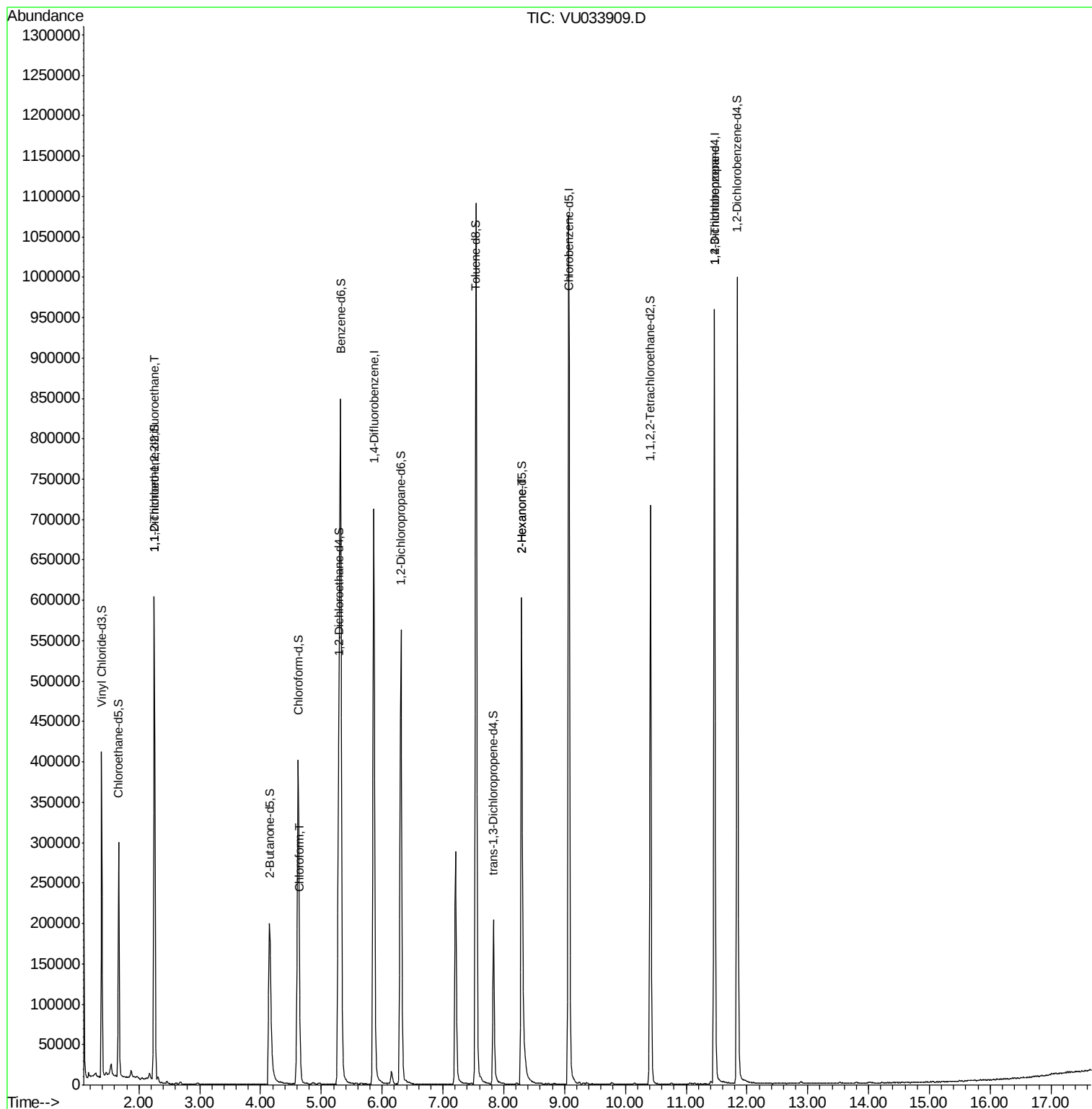
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3391	0.822 ug/L #	37
25) Chloroform	4.65	83	11540	1.371 ug/L	98
48) 2-Hexanone	8.29	43	27446	5.013 ug/L #	74
59) 1,2,3-Trichloropropane	11.47	75	31645	5.030 ug/L	93

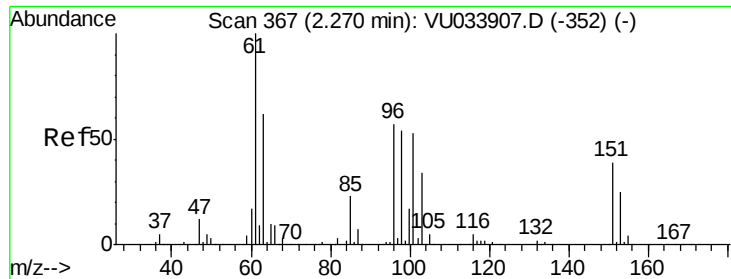
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.822 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

VHBLK01

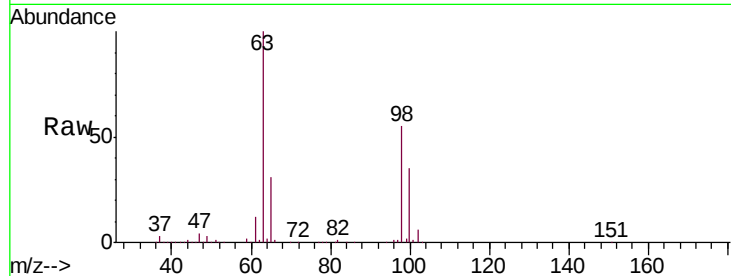
Tgt Ion: 101 Resp: 3391

Ion Ratio Lower Upper

101 100

85 8.1 33.7 50.5#

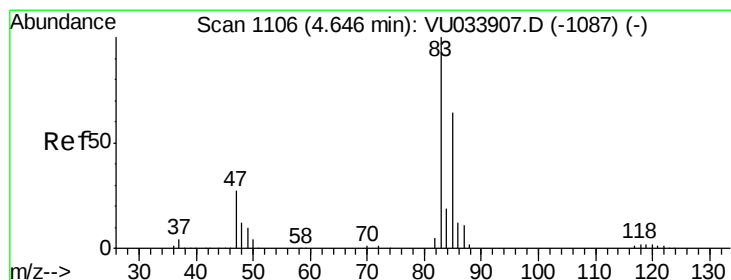
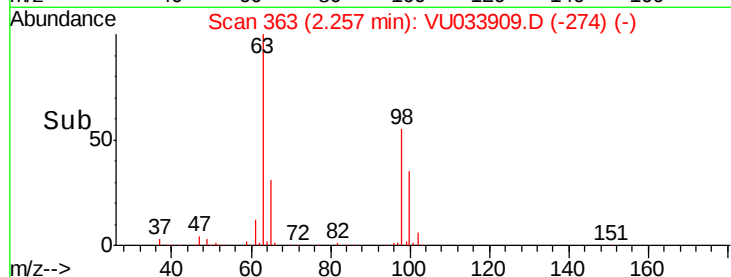
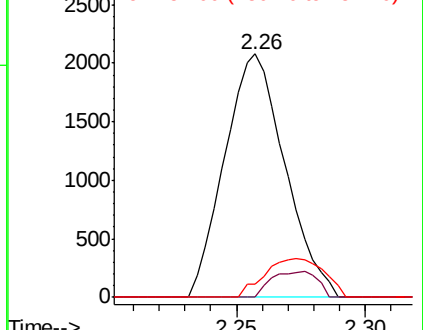
151 15.6 57.8 86.6#



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: 1.371 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

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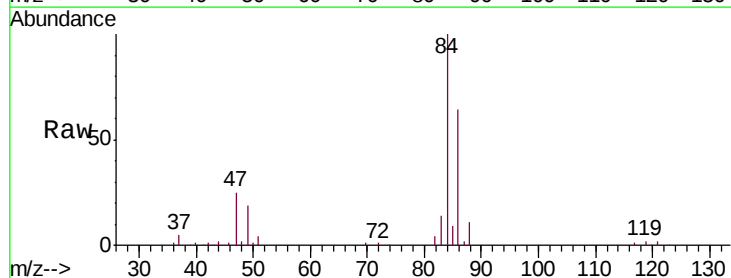
Acq: 22 Aug 2019 19:08

Tgt Ion: 83 Resp: 11540

Ion Ratio Lower Upper

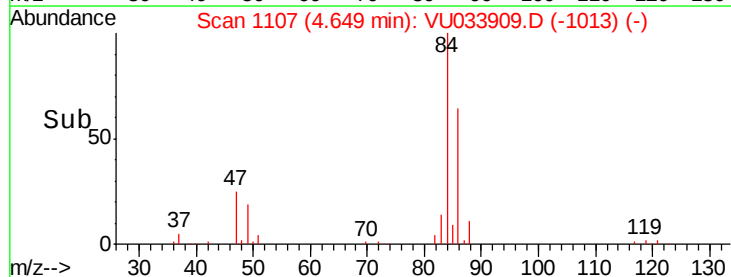
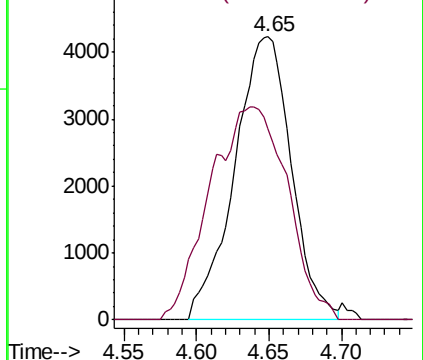
83 100

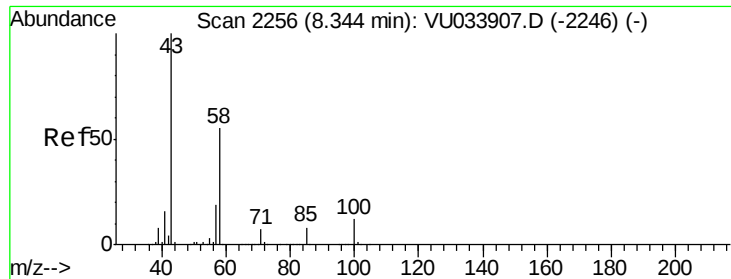
85 67.4 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

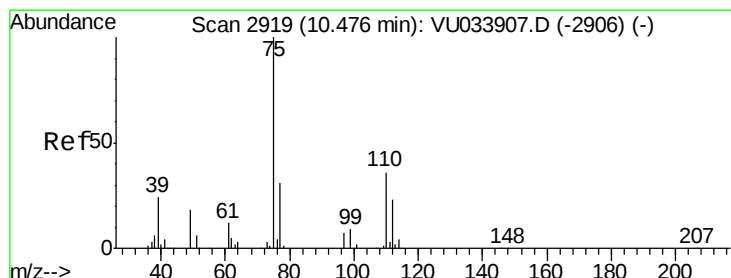
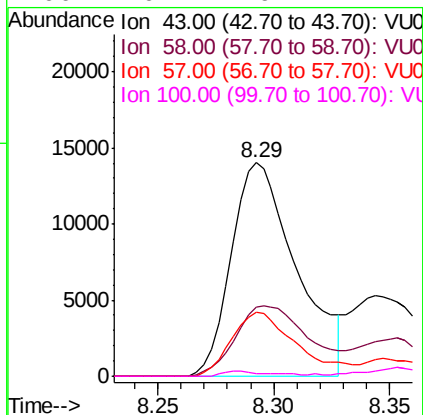
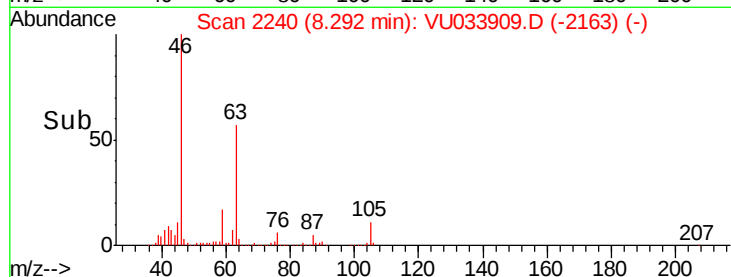
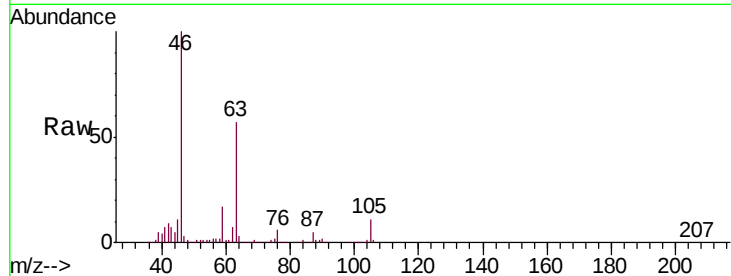




#48
 2-Hexanone
 Concen: 5.013 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 27446
 Ion Ratio Lower Upper
 43 100
 58 36.5 44.3 66.5#
 57 30.1 15.3 22.9#
 100 0.7 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.030 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033909.D
 Acq: 22 Aug 2019 19:08

Tgt Ion: 75 Resp: 31645
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.8 38.8

