

Data File : VU033943.D
Acq On : 23 Aug 2019 15:27
Operator : JC/SP
Sample : K4485-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Aug 26 06:58:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 26 06:54:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	543895	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	560941	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	221930	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	235686	49.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.82%
7) Chloroethane-d5	1.67	69	198817	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.10%
11) 1,1-Dichloroethene-d2	2.25	63	335252	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.92%
21) 2-Butanone-d5	4.15	46	322771	100.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	4.62	84	383042	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
26) 1,2-Dichloroethane-d4	5.28	65	273091	54.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.84%
32) Benzene-d6	5.32	84	813883	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	6.31	67	270452	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.62%
41) Toluene-d8	7.55	98	689213	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	7.83	79	114248	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.76%
47) 2-Hexanone-d5	8.29	63	194411	90.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.42%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	356401	48.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	249898	55.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.36%

Target Compounds

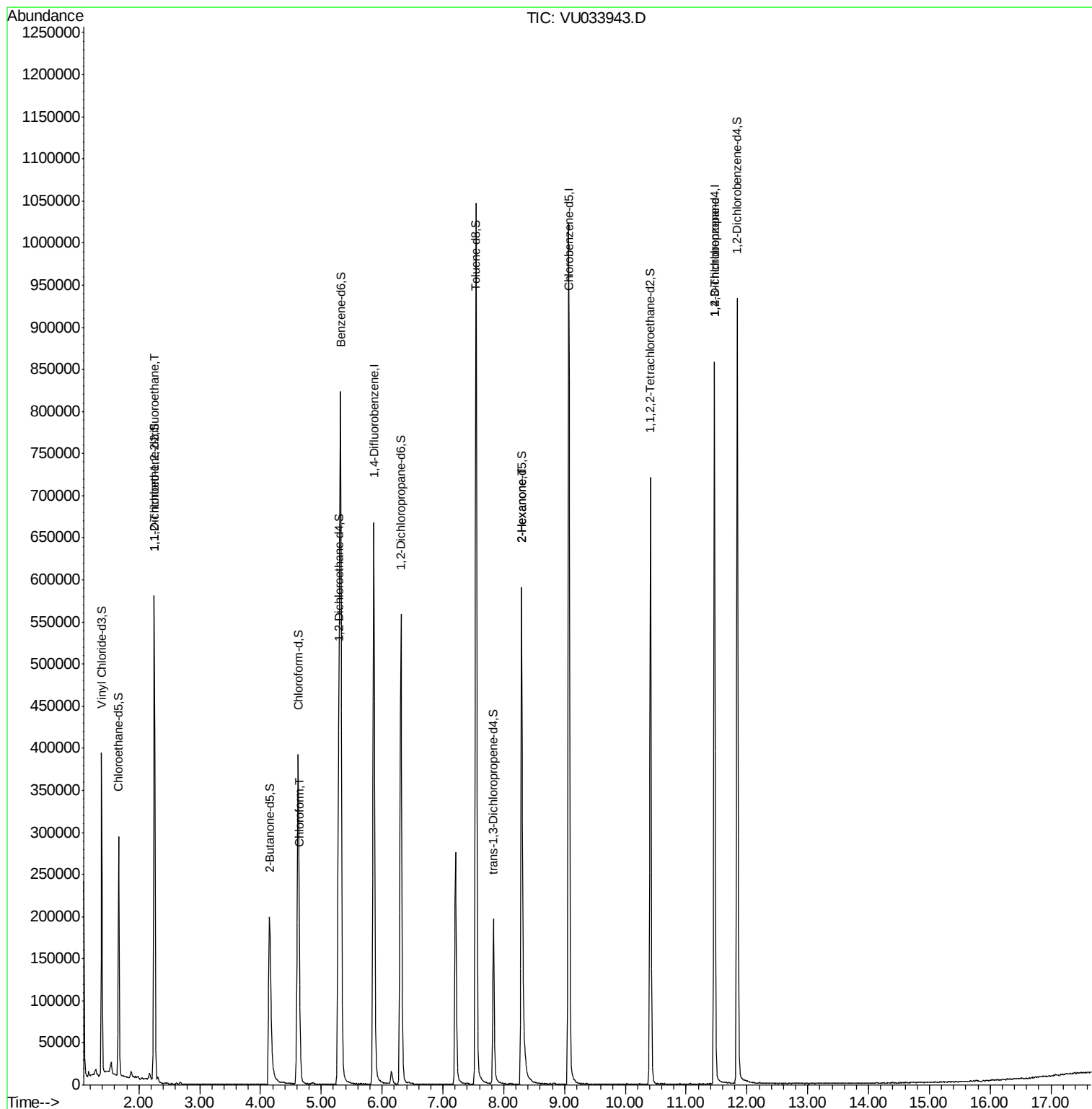
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3079	0.808 ug/L #	21
25) Chloroform	4.65	83	22124	2.845 ug/L	95
48) 2-Hexanone	8.29	43	27917	5.410 ug/L #	77
59) 1,2,3-Trichloropropane	11.47	75	27903	4.705 ug/L	96

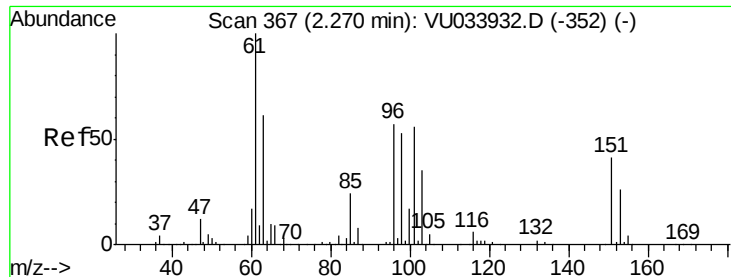
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.808 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

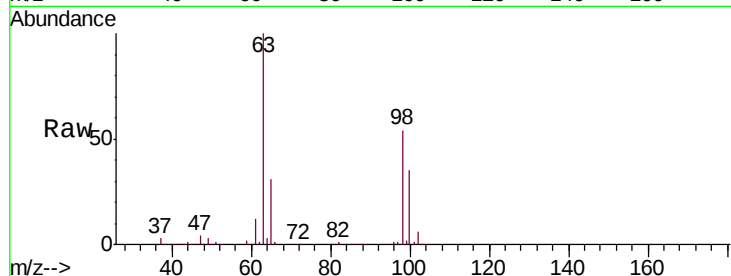
Tgt Ion: 101 Resp: 3079

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

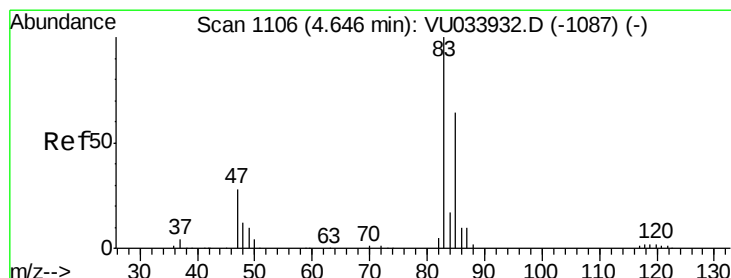
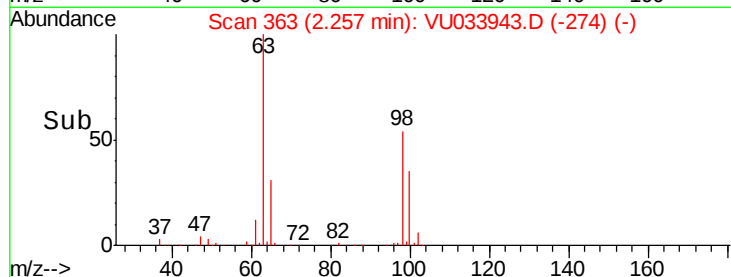
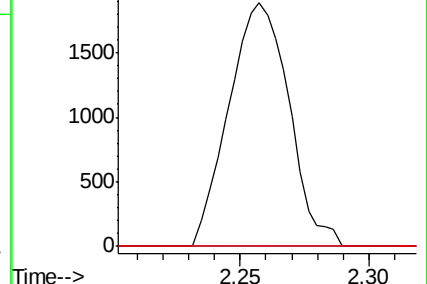
151 0.0 57.8 86.6#



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: 2.845 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

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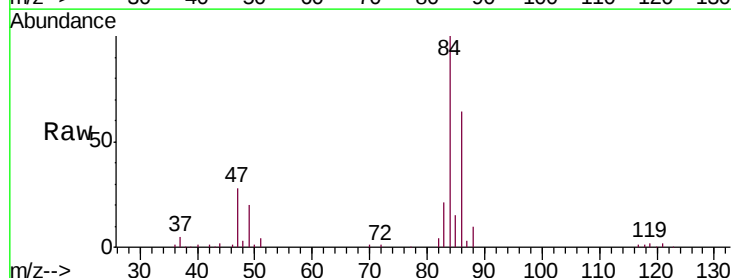
Acq: 23 Aug 2019 15:27

Tgt Ion: 83 Resp: 22124

Ion Ratio Lower Upper

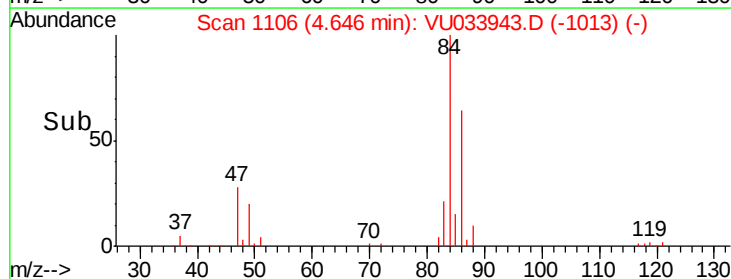
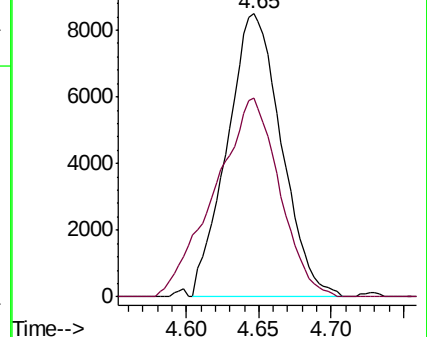
83 100

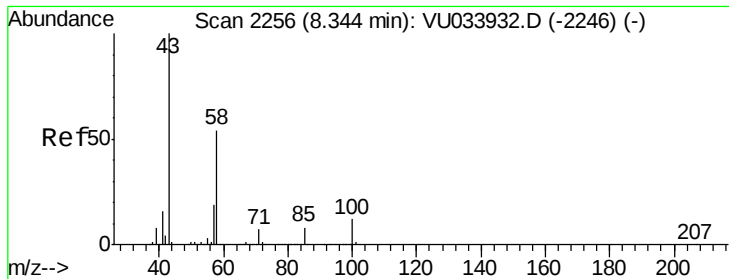
85 70.1 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

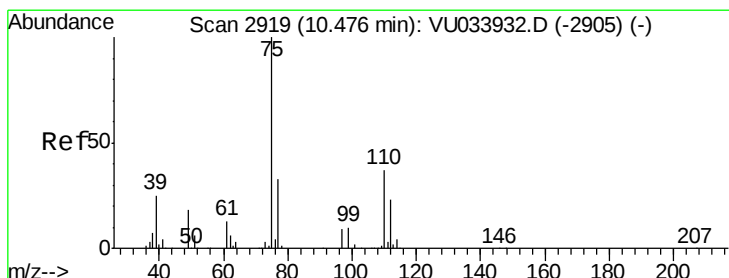
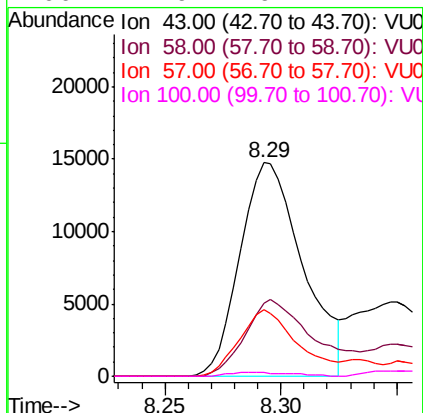
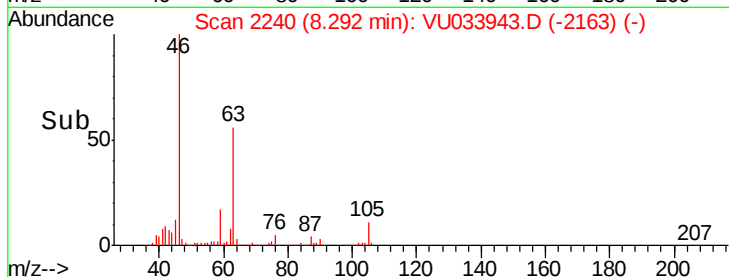
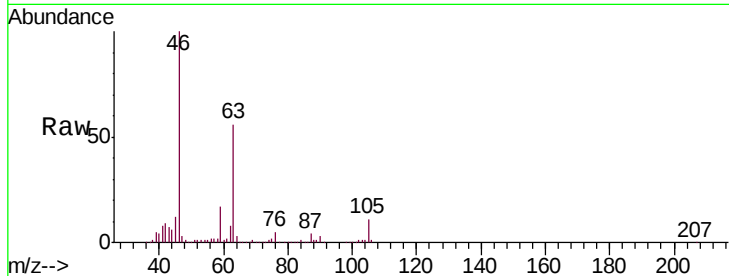




#48
 2-Hexanone
 Concen: 5.410 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	27917
Ion	Ratio	Lower	Upper
43	100		
58	38.5	44.3	66.5#
57	28.8	15.3	22.9#
100	1.9	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.705 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
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Tgt Ion:	75	Resp:	27903
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.8

