

Data File : VU033929.D
Acq On : 23 Aug 2019 02:57
Operator : JC/SP
Sample : K4485-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B77

Quant Time: Aug 23 05:34:12 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	538141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	552976	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	227064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	226869	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.14%
7) Chloroethane-d5	1.67	69	193115	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.25	63	327798	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.02%
21) 2-Butanone-d5	4.15	46	331922	104.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	4.62	84	389771	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
26) 1,2-Dichloroethane-d4	5.28	65	271133	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.22%
32) Benzene-d6	5.32	84	809776	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
36) 1,2-Dichloropropane-d6	6.31	67	273260	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.22%
41) Toluene-d8	7.54	98	698085	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	7.83	79	111465	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.76%
47) 2-Hexanone-d5	8.29	63	222189	104.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	367145	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	11.84	152	257475	55.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.14%

Target Compounds

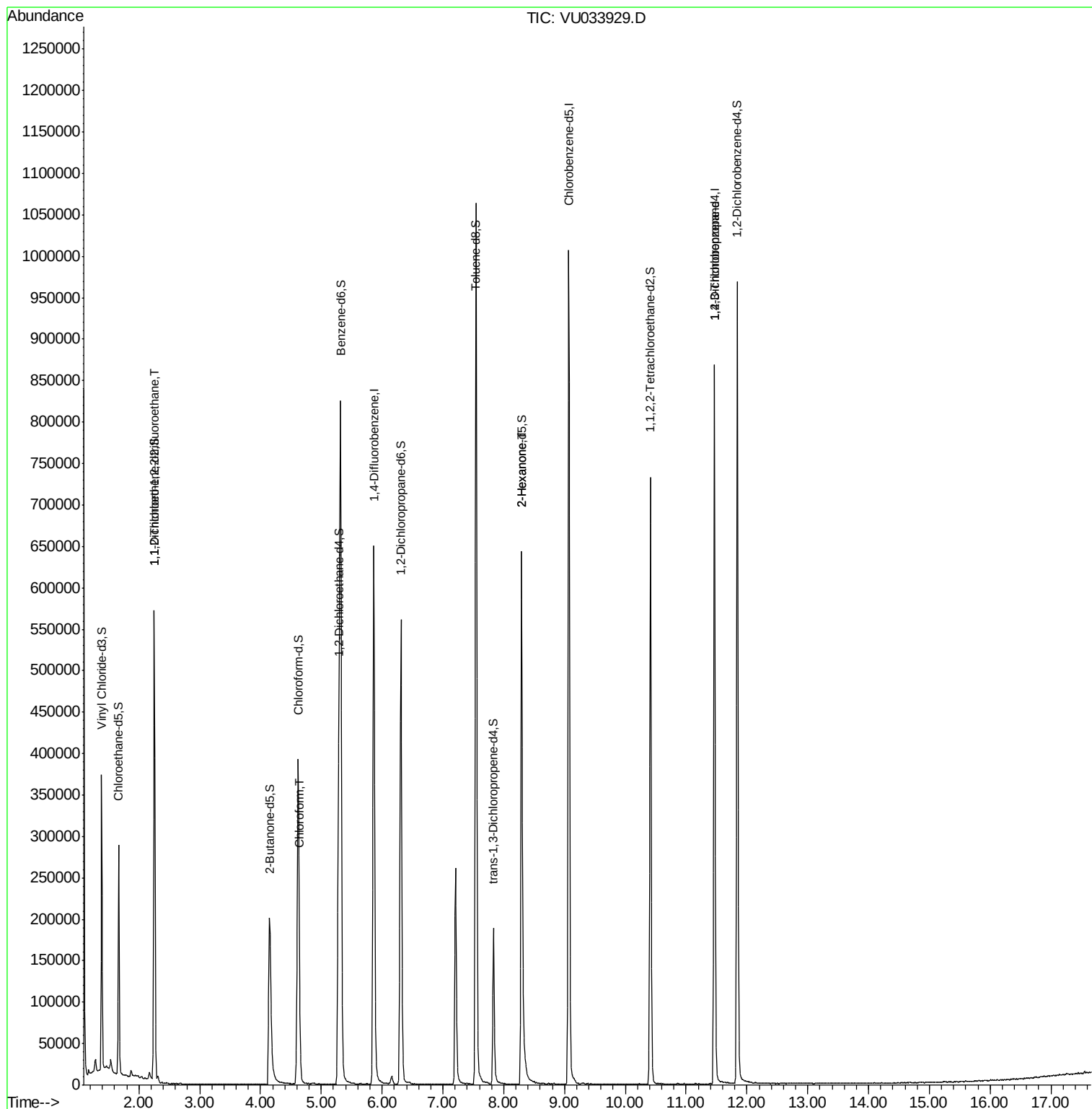
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2864	0.760 ug/L #	21
25) Chloroform	4.65	83	11663	1.516 ug/L	88
48) 2-Hexanone	8.30	43	27759	5.456 ug/L #	71
59) 1,2,3-Trichloropropane	11.47	75	28214	4.826 ug/L	92

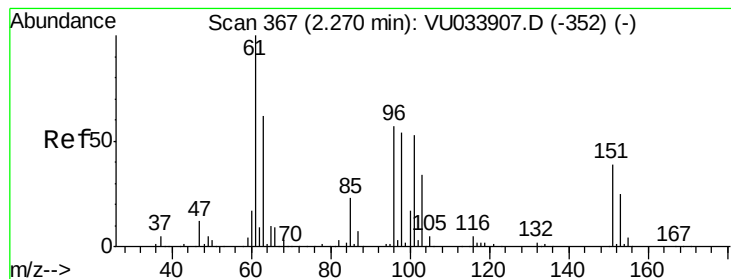
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.760 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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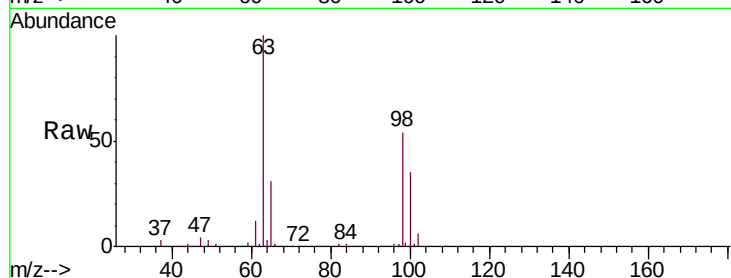
Tgt Ion: 101 Resp: 2864

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

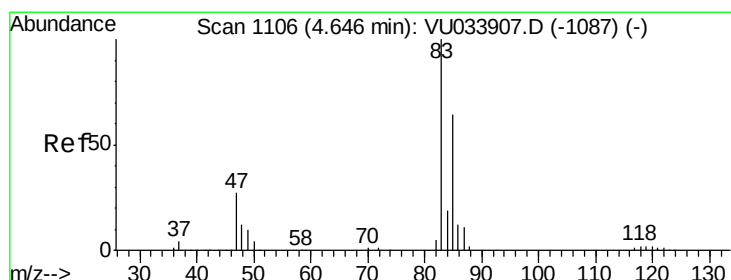
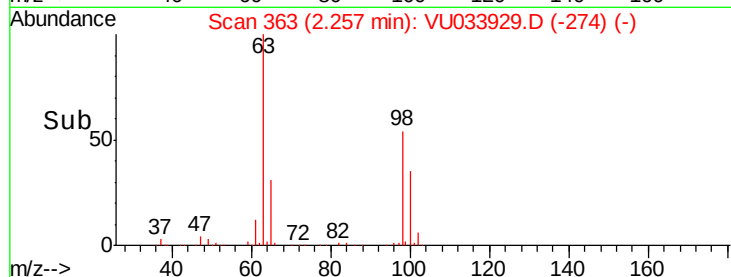
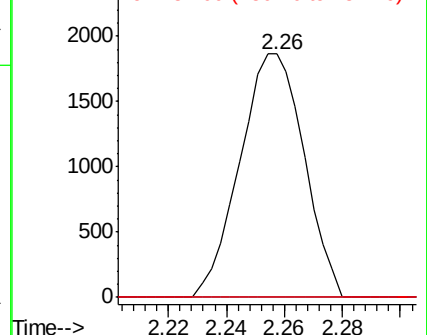
151 0.0 57.8 86.6#



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: 1.516 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

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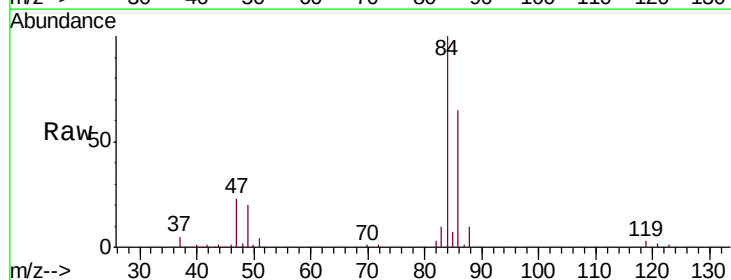
Acq: 23 Aug 2019 02:57

Tgt Ion: 83 Resp: 11663

Ion Ratio Lower Upper

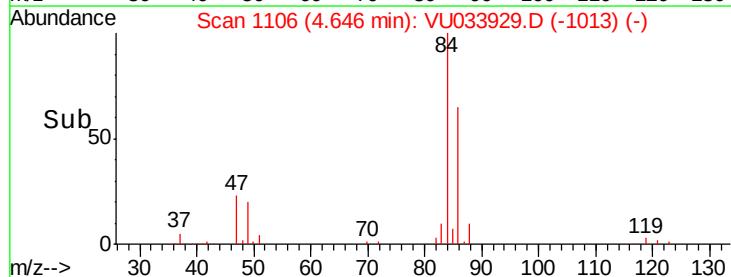
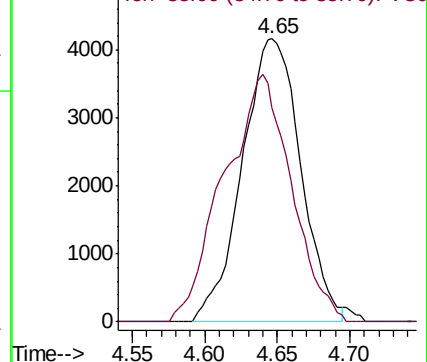
83 100

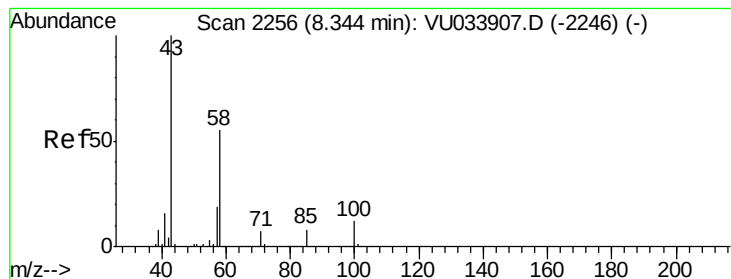
85 75.9 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#48

2-Hexanone

Concen: 5.456 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 27759

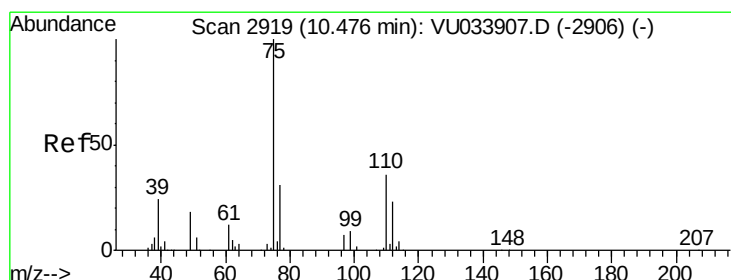
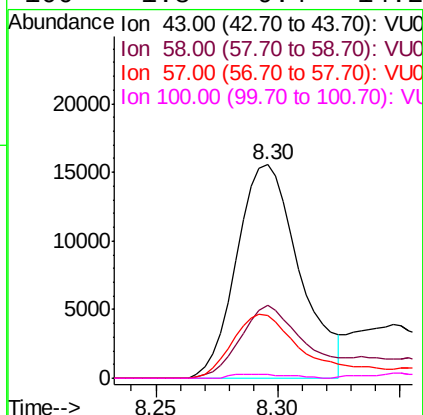
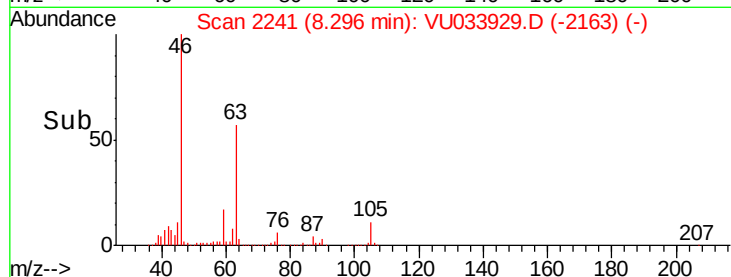
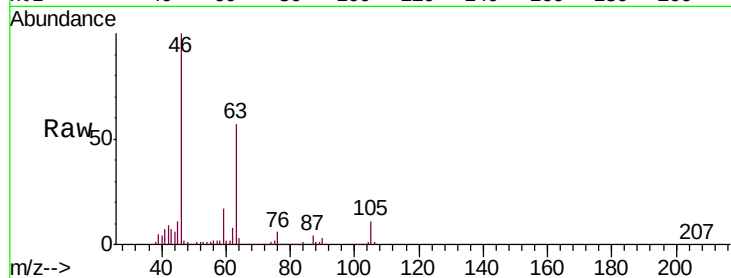
Ion Ratio Lower Upper

43 100

58 34.1 44.3 66.5#

57 32.3 15.3 22.9#

100 1.8 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 4.826 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 28214

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8

