

Data File : VU033883.D
Acq On : 21 Aug 2019 19:45
Operator : JC/SP
Sample : K4420-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B72

Quant Time: Aug 22 07:23:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	393095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	405583	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	168696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147762	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.56%
7) Chloroethane-d5	1.67	69	141157	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.34%
11) 1,1-Dichloroethene-d2	2.26	63	193672	32.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.54%
21) 2-Butanone-d5	4.15	46	188947	101.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.87%
24) Chloroform-d	4.62	84	263464	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.29	65	172782	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
32) Benzene-d6	5.32	84	512864	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.31	67	172426	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.62%
41) Toluene-d8	7.55	98	442495	42.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.28%
43) trans-1,3-Dichloropropene-	7.83	79	73382	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.29	63	128057	94.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.39%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	249818	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	175124	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%

Target Compounds

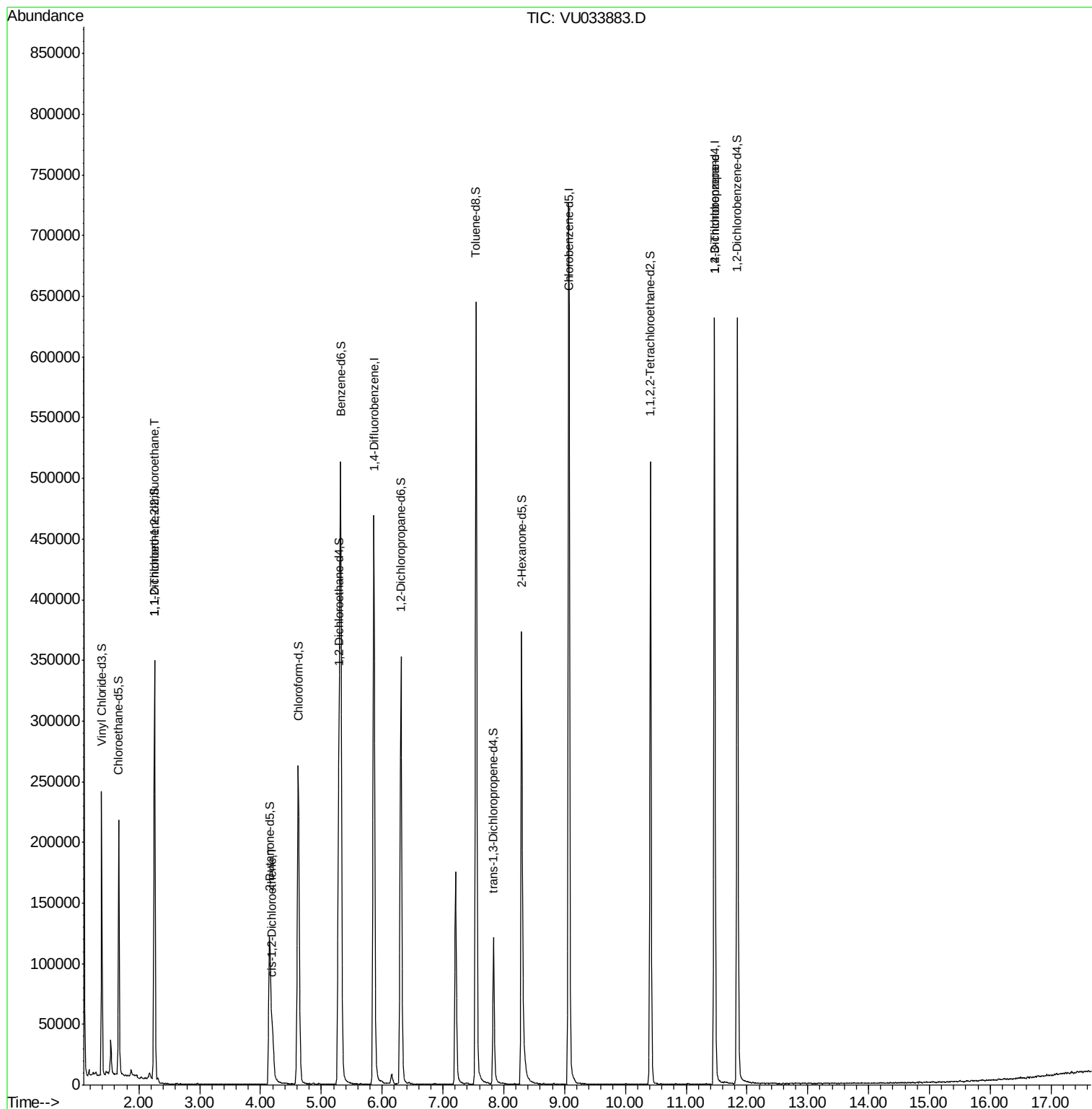
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2090	0.746 ug/L	# 19
20) cis-1,2-Dichloroethene	4.20	96	17048	5.565 ug/L	95
59) 1,2,3-Trichloropropane	11.47	75	19780	4.867 ug/L	90

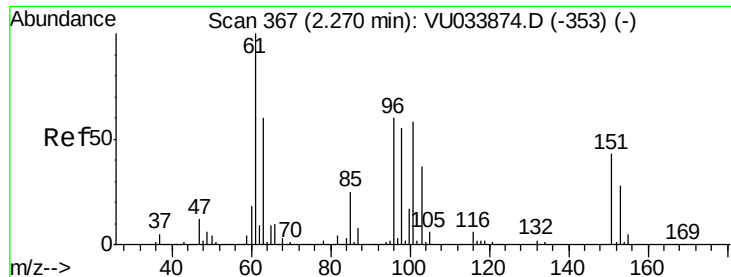
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.746 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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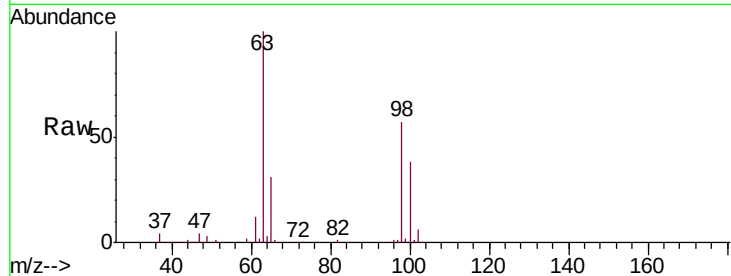
Tgt Ion: 101 Resp: 2090

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

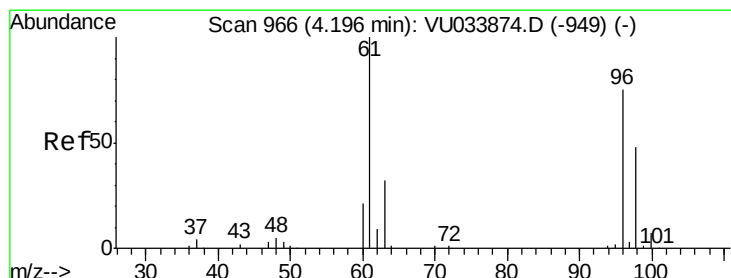
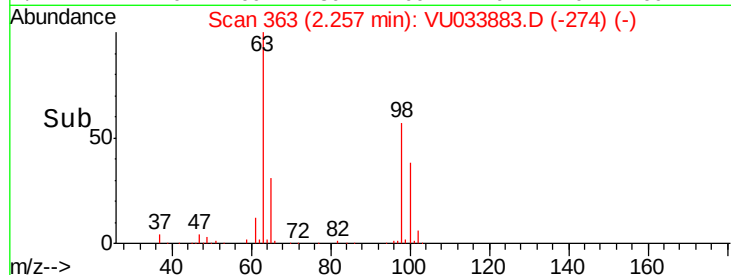
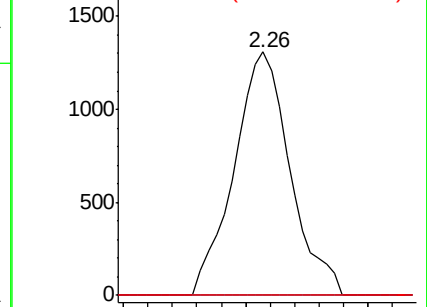
151 0.0 60.4 90.6#



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



#20

cis-1,2-Dichloroethene

Concen: 5.565 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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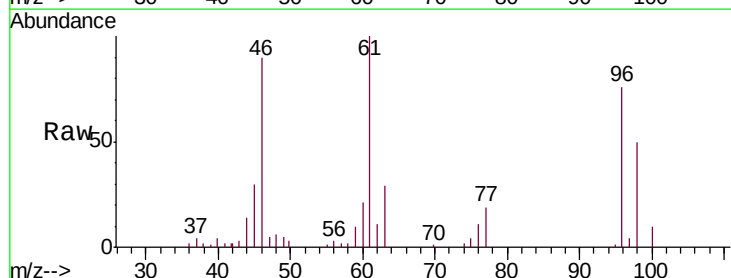
Tgt Ion: 96 Resp: 17048

Ion Ratio Lower Upper

96 100

61 132.2 88.2 163.8

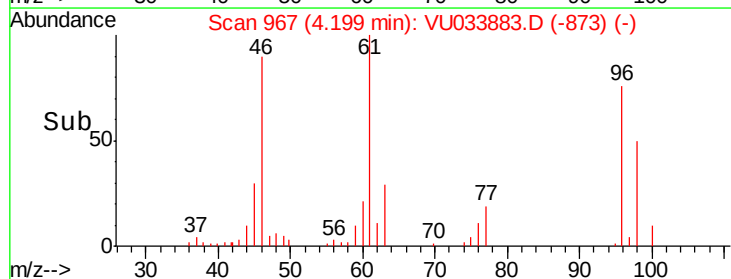
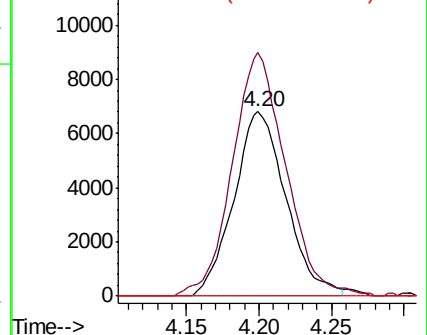
68 0.0 0.0 0.0

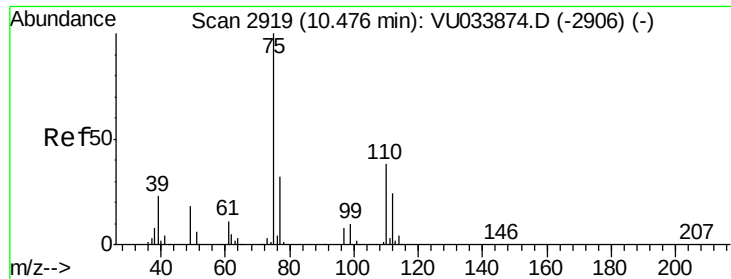


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.867 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 19780

Ion Ratio Lower Upper

75 100

77 38.1 26.0 39.0

