

Data File : VU033889.D
Acq On : 21 Aug 2019 22:07
Operator : JC/SP
Sample : K4454-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B82

Quant Time: Aug 22 07:23:48 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	373365	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	386979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	157538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	149855	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.22%
7) Chloroethane-d5	1.67	69	138993	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.48%
11) 1,1-Dichloroethene-d2	2.25	63	204771	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
21) 2-Butanone-d5	4.15	46	195131	110.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.77%
24) Chloroform-d	4.62	84	262710	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
26) 1,2-Dichloroethane-d4	5.29	65	170764	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
32) Benzene-d6	5.32	84	505023	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
36) 1,2-Dichloropropane-d6	6.31	67	171643	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	7.55	98	434994	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.83	79	69056	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.28%
47) 2-Hexanone-d5	8.30	63	125591	97.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.03%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	248778	51.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.42%
64) 1,2-Dichlorobenzene-d4	11.84	152	169951	54.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.26%

Target Compounds

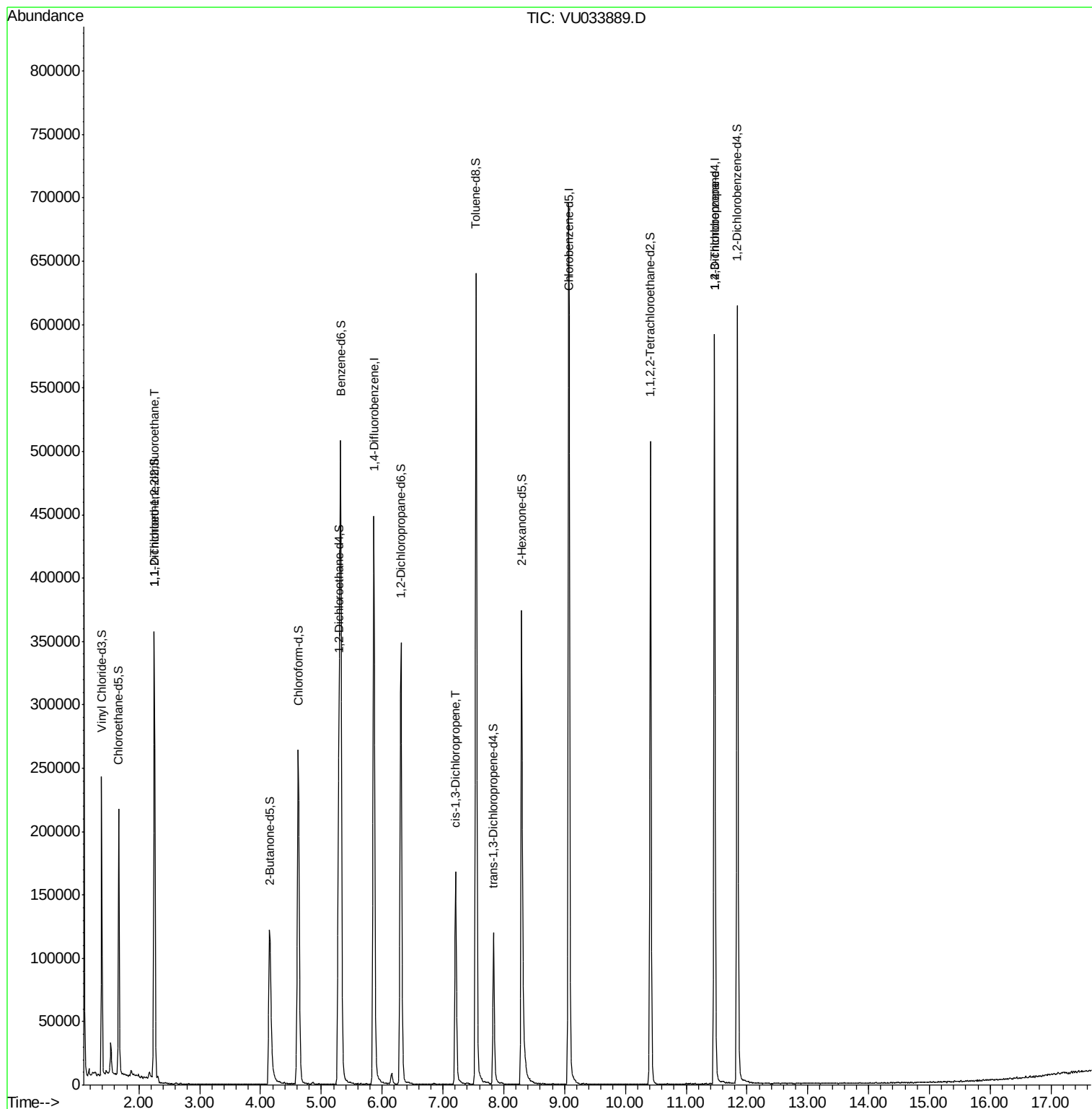
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2092	0.786	ug/L #	19
39) cis-1,3-Dichloropropene	7.21	75	4121	0.883	ug/L #	63
59) 1,2,3-Trichloropropane	11.47	75	18497	4.771	ug/L #	88

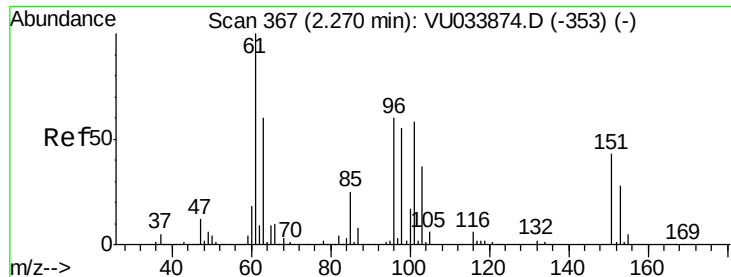
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.786 ug/L

RT: 2.25 min Scan# 361

Delta R.T. -0.02 min

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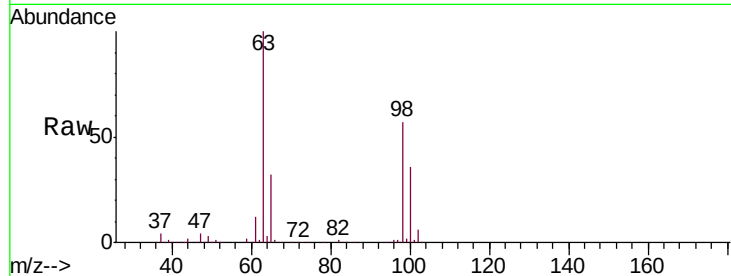
Tgt Ion: 101 Resp: 2092

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

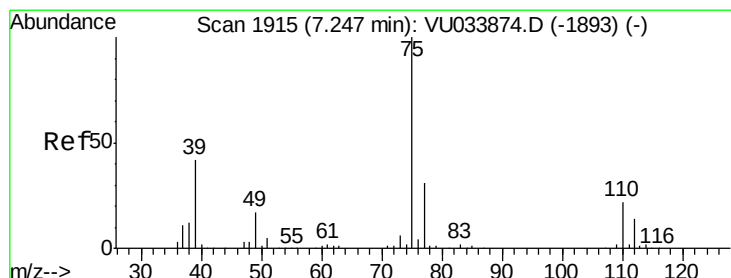
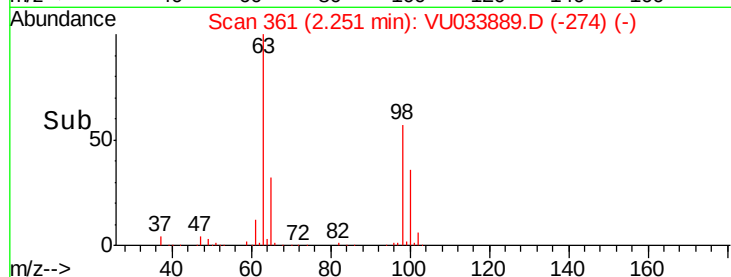
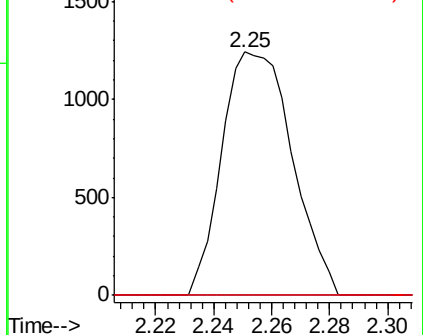
151 0.0 60.4 90.6#



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



#39

cis-1,3-Dichloropropene

Concen: 0.883 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

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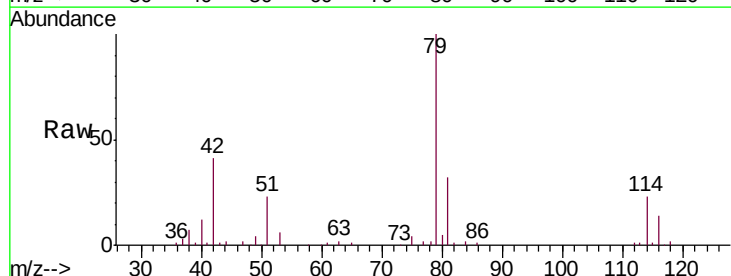
Acq: 21 Aug 2019 22:07

Tgt Ion: 75 Resp: 4121

Ion Ratio Lower Upper

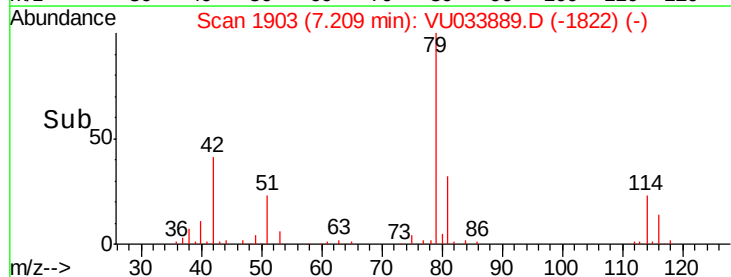
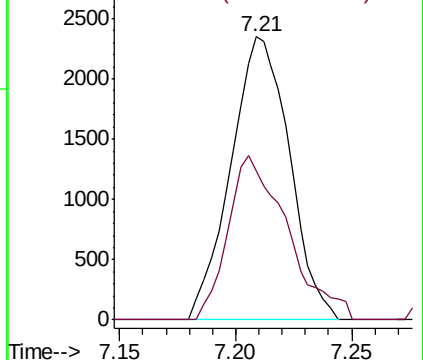
75 100

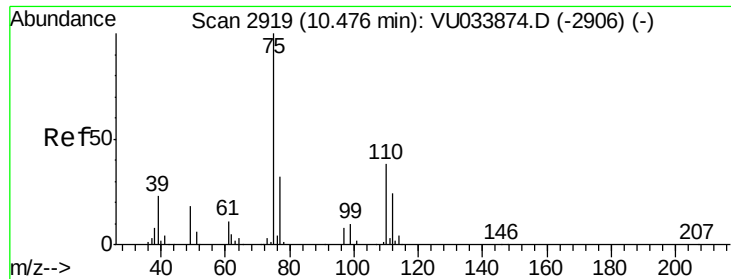
77 52.6 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.771 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 18497

Ion Ratio Lower Upper

75 100

77 39.3 26.0 39.0#

