

Data File : VU031919.D
Acq On : 11 May 2019 10:31
Operator : JC/SP
Sample : K2694-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 13 01:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1023439	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1014650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	384844	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	370583	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.52%
7) Chloroethane-d5	1.67	69	326906	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.78%
11) 1,1-Dichloroethene-d2	2.27	63	534150	31.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.62%
21) 2-Butanone-d5	4.17	46	663544	85.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.64	84	693146	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
26) 1,2-Dichloroethane-d4	5.30	65	461054	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
32) Benzene-d6	5.33	84	1399280	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
36) 1,2-Dichloropropane-d6	6.32	67	482668	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.06%
41) Toluene-d8	7.56	98	1196585	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%
43) trans-1,3-Dichloropropene-	7.85	79	193805	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.31	63	438185	92.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	695233	47.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	408627	50.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.98%

Target Compounds

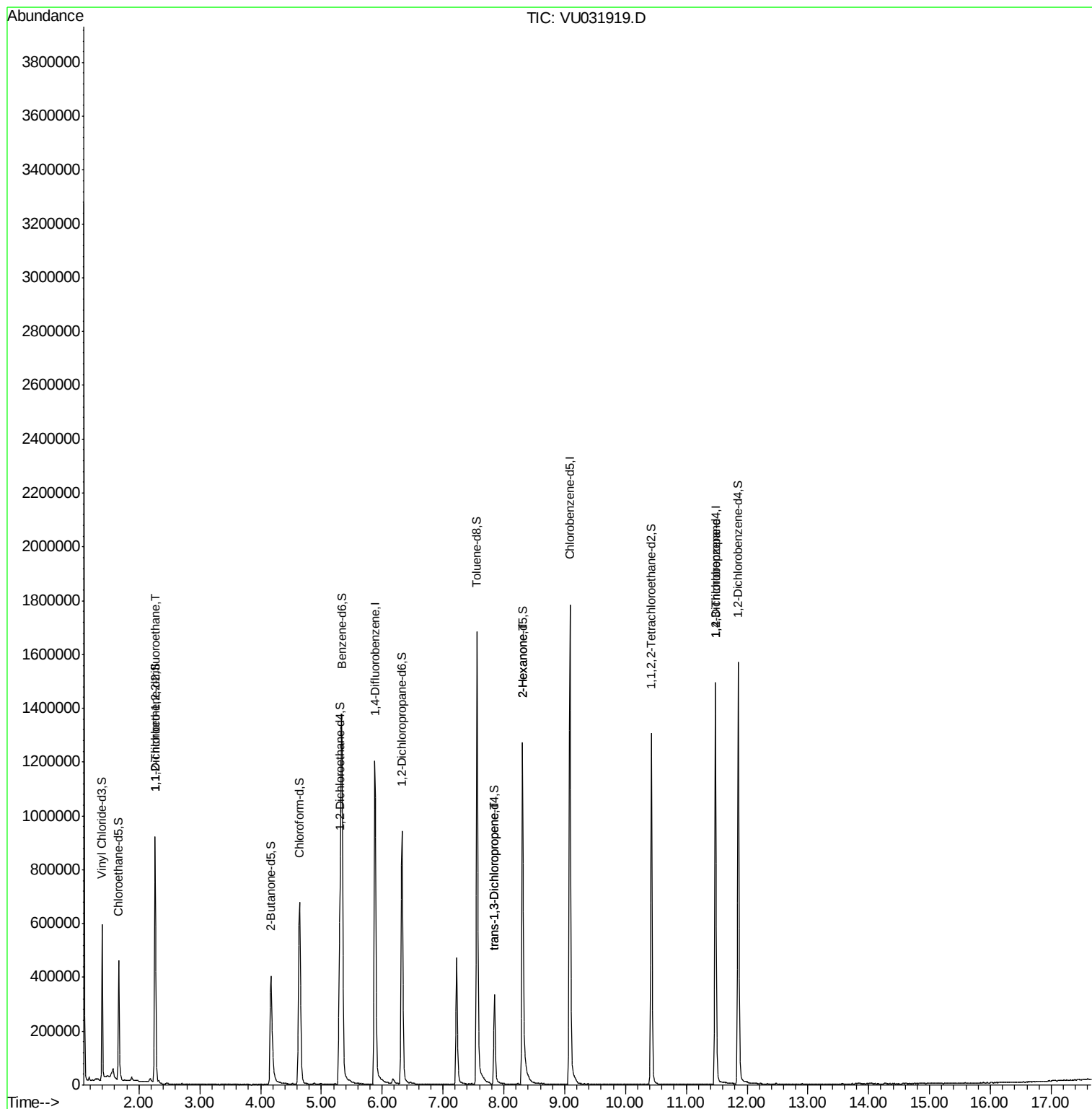
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4791	0.584 ug/L #	21
44) trans-1,3-Dichloropropene	7.85	75	8308	0.655 ug/L	86
48) 2-Hexanone	8.31	43	53220	4.038 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	52370	4.171 ug/L	92

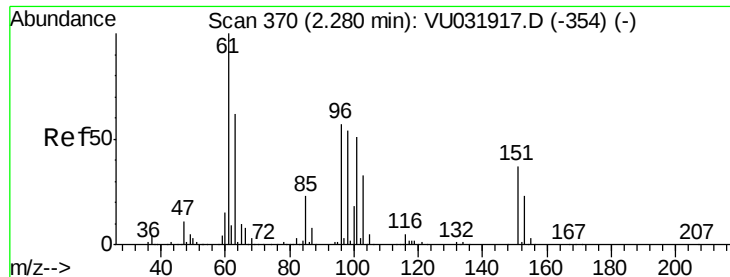
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.584 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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VHBLK01

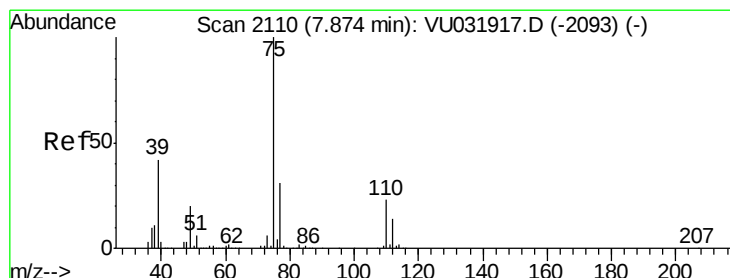
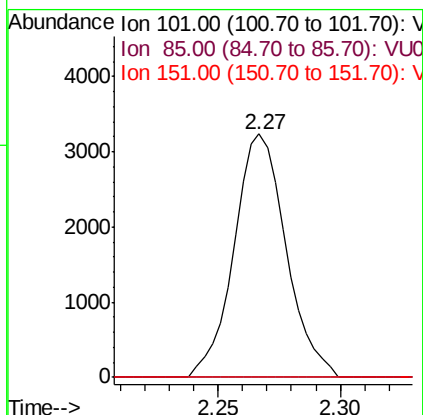
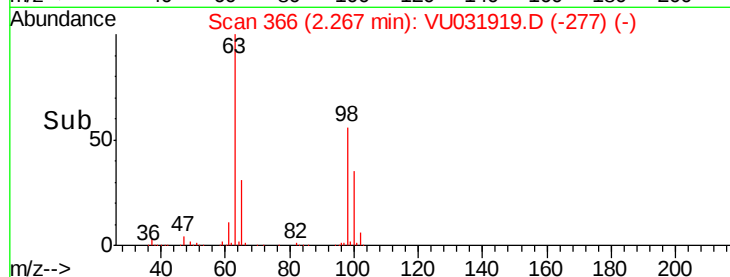
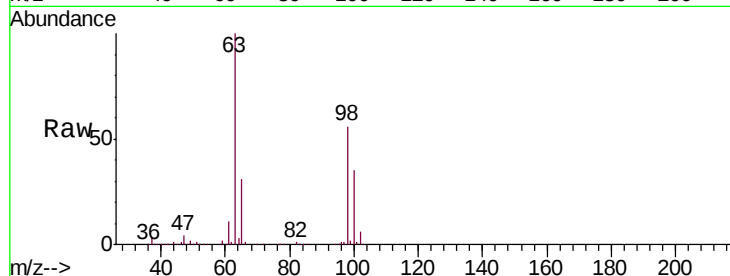
Tgt Ion:101 Resp: 4791

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.1 84.1#



#44

trans-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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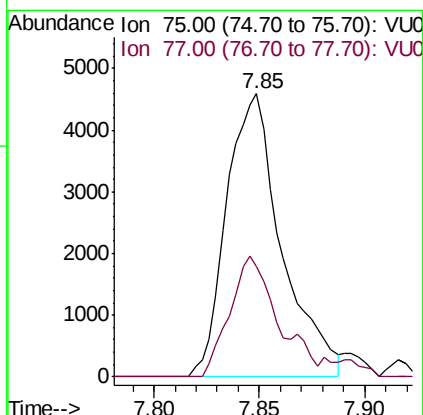
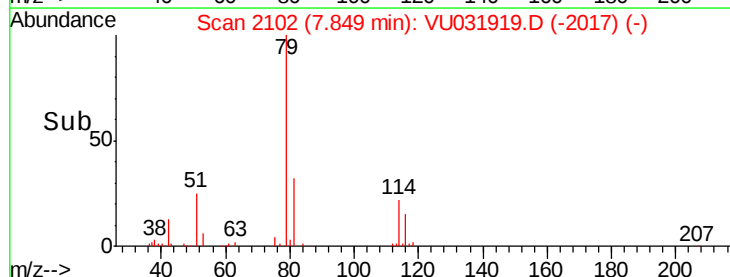
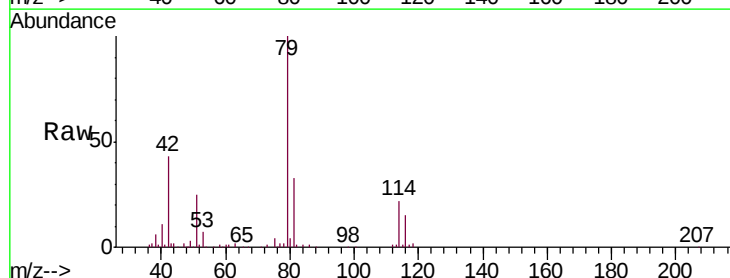
Acq: 11 May 2019 10:31

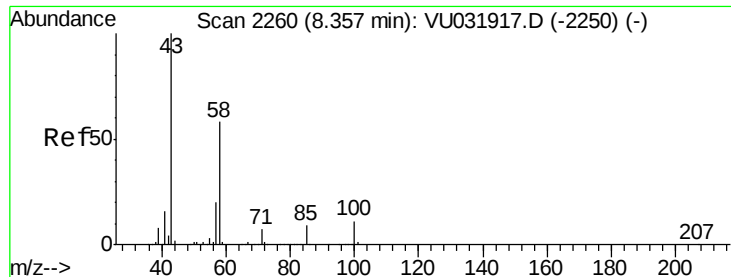
Tgt Ion: 75 Resp: 8308

Ion Ratio Lower Upper

75 100

77 39.3 22.1 41.1

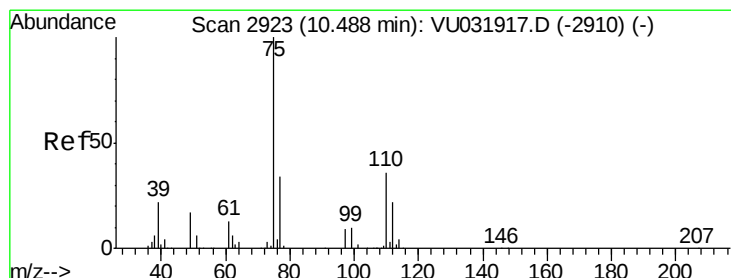
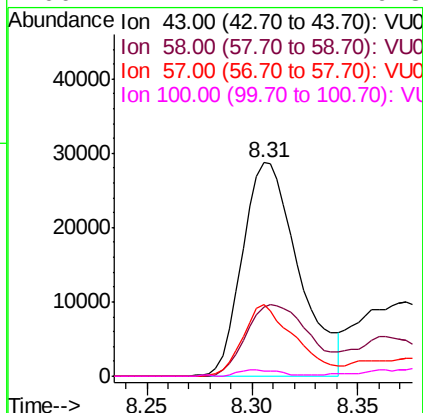
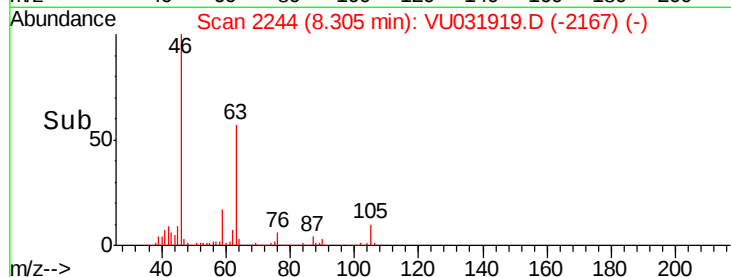
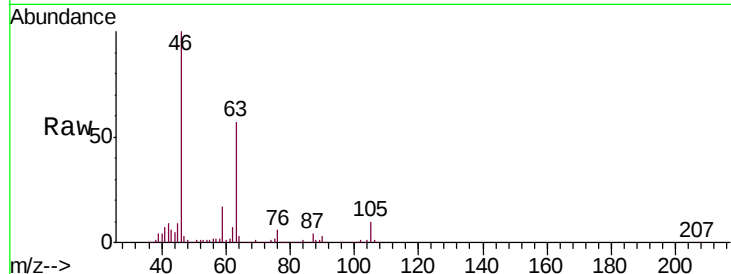




#48
 2-Hexanone
 Concen: 4.038 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 53220
 Ion Ratio Lower Upper
 43 100
 58 37.2 42.1 63.1#
 57 31.3 14.6 22.0#
 100 1.4 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.171 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031919.D
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Tgt Ion: 75 Resp: 52370
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.9 38.9

