

Data File : VU030594.D
Acq On : 31 Mar 2019 16:48
Operator : JC/SP
Sample : K2122-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Apr 01 02:11:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	423767	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	413780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	162562	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148315	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.98%
7) Chloroethane-d5	1.68	69	126296	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.44%
11) 1,1-Dichloroethene-d2	2.27	63	220997	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.32%
21) 2-Butanone-d5	4.18	46	287525	89.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.68%
24) Chloroform-d	4.65	84	274331	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.31	65	187537	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
32) Benzene-d6	5.34	84	552516	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.33	67	199764	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.56	98	478160	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.85	79	84326	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.31	63	170235	77.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261684	45.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	161974	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

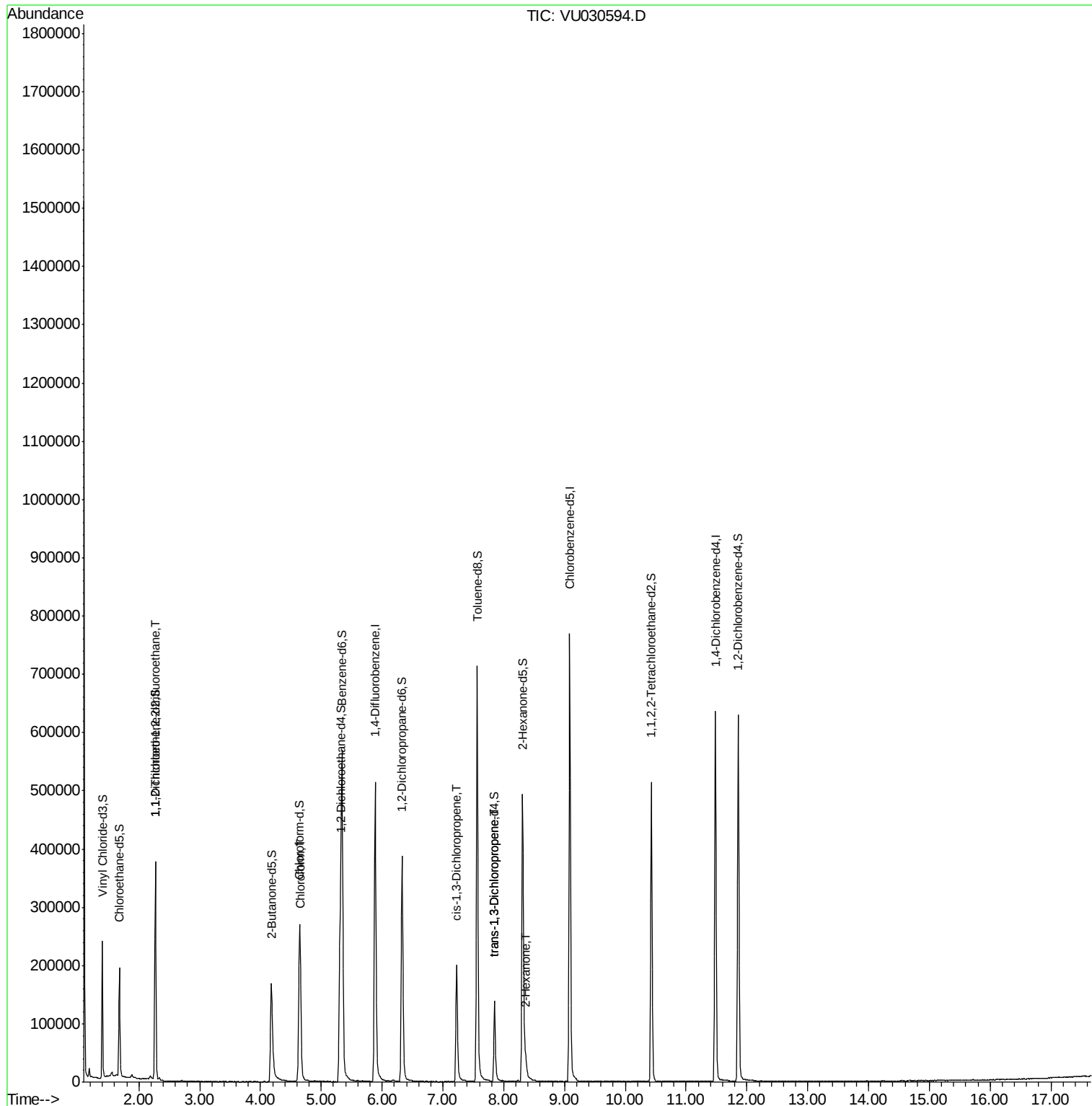
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1900	0.614	ug/L #	21
25) Chloroform	4.67	83	6432	1.037	ug/L	79
39) cis-1,3-Dichloropropene	7.23	75	4742	0.825	ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	3627	0.717	ug/L #	82
48) 2-Hexanone	8.37	43	13311	2.419	ug/L #	84

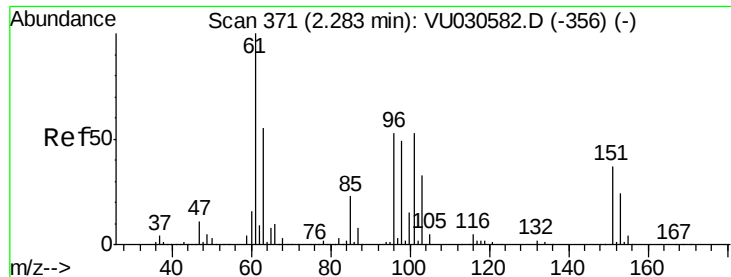
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.614 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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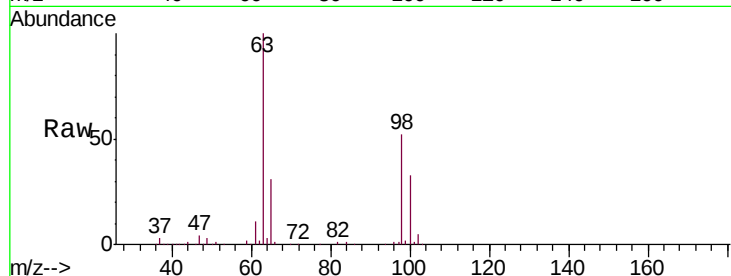
Tgt Ion: 101 Resp: 1900

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

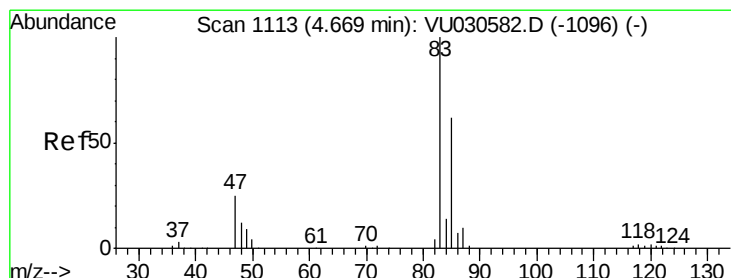
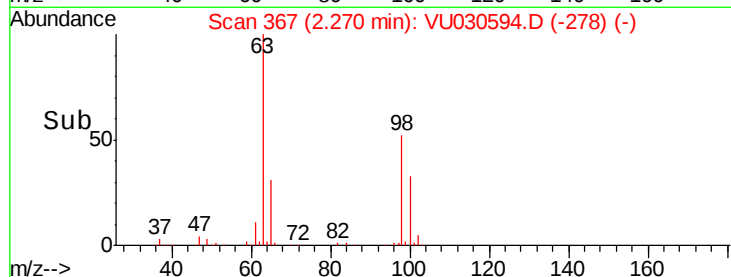
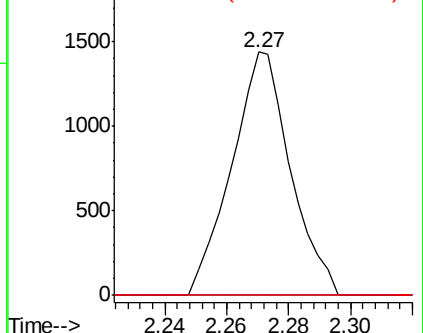
151 0.0 56.6 85.0#



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: 1.037 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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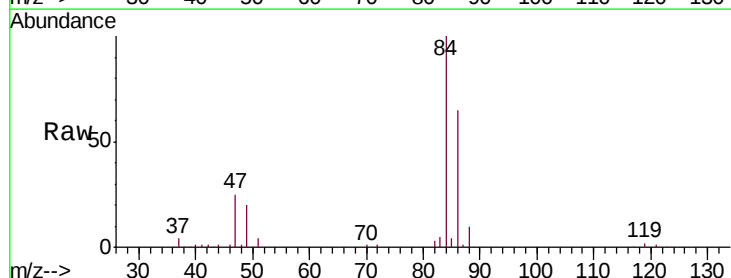
Acq: 31 Mar 2019 16:48

Tgt Ion: 83 Resp: 6432

Ion Ratio Lower Upper

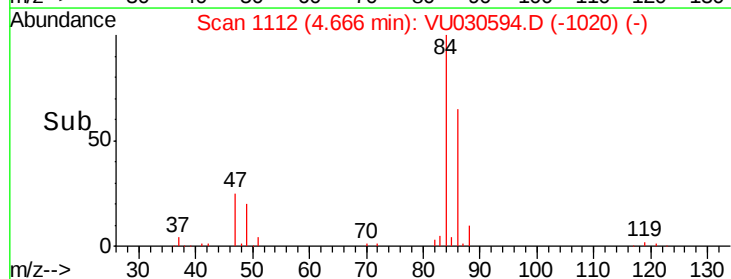
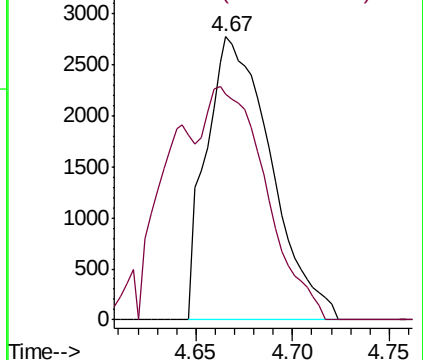
83 100

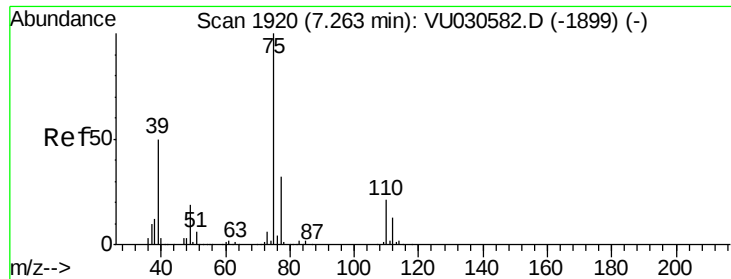
85 79.9 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

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ClientSampleId :

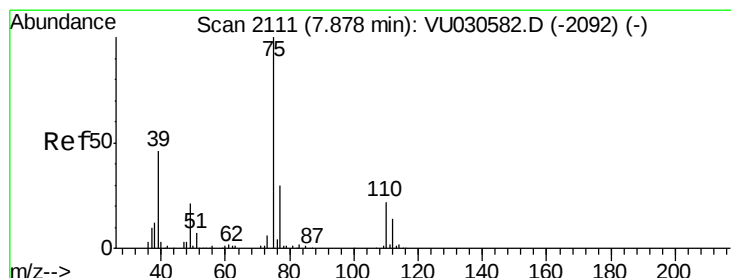
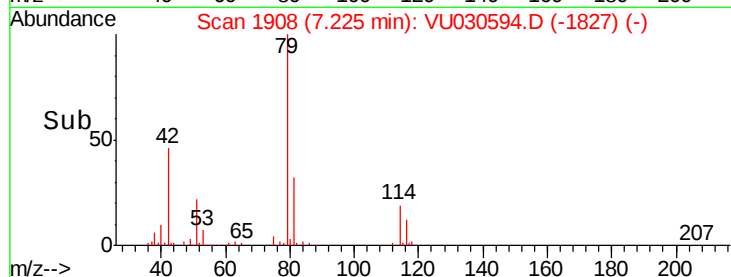
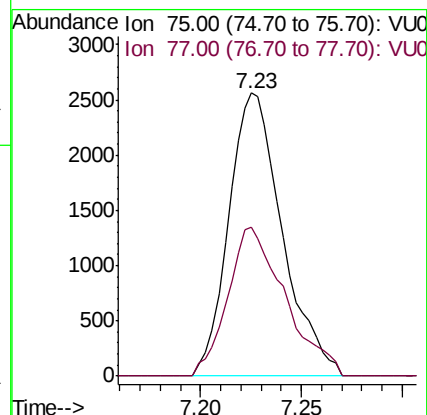
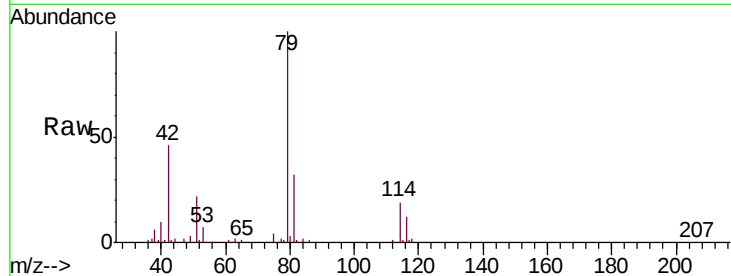
VHBLK02

Tgt Ion: 75 Resp: 4742

Ion Ratio Lower Upper

75 100

77 52.8 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.717 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030594.D

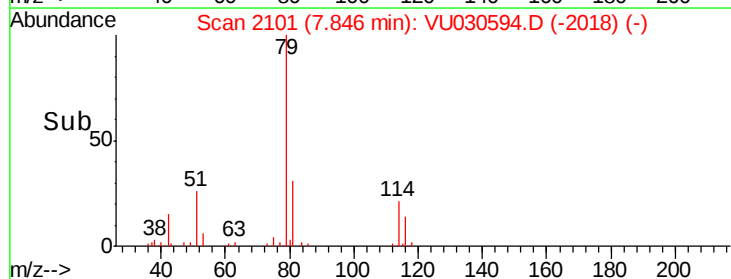
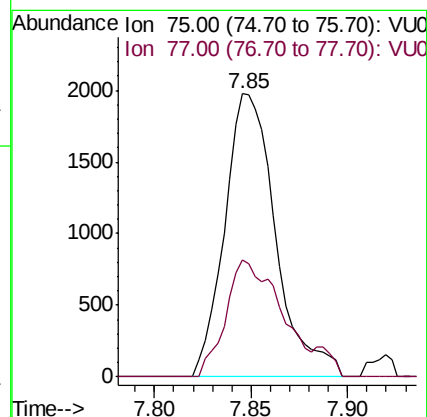
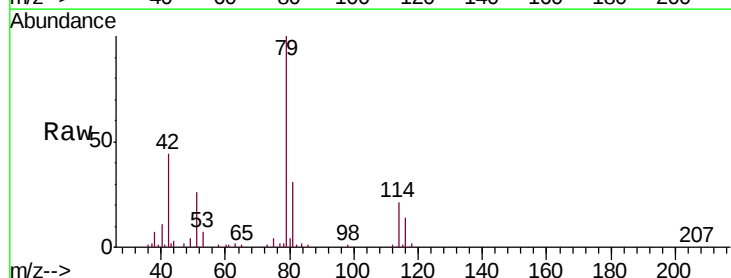
Acq: 31 Mar 2019 16:48

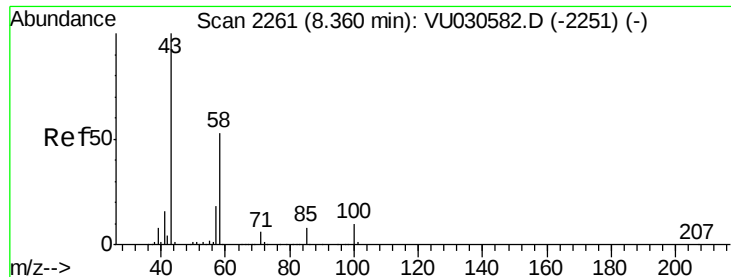
Tgt Ion: 75 Resp: 3627

Ion Ratio Lower Upper

75 100

77 41.1 22.0 40.8#





#48
 2-Hexanone
 Concen: 2.419 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 43 Resp: 13311
 Ion Ratio Lower Upper
 43 100
 58 45.2 42.5 63.7
 57 3.3 15.0 22.6#
 100 6.0 7.4 11.2#

