

Data File : VU030595.D
Acq On : 31 Mar 2019 17:11
Operator : JC/SP
Sample : K2167-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 01 02:11:27 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	441407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	434142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174991	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149891	42.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.38%
7) Chloroethane-d5	1.68	69	129906	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.28%
11) 1,1-Dichloroethene-d2	2.27	63	228143	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.18	46	300401	89.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	4.65	84	279297	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
26) 1,2-Dichloroethane-d4	5.31	65	192222	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.34	84	569477	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
36) 1,2-Dichloropropane-d6	6.33	67	202718	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.18%
41) Toluene-d8	7.56	98	491663	43.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.94%
43) trans-1,3-Dichloropropene-	7.85	79	87107	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.98%
47) 2-Hexanone-d5	8.31	63	174904	75.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271552	44.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	167991	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

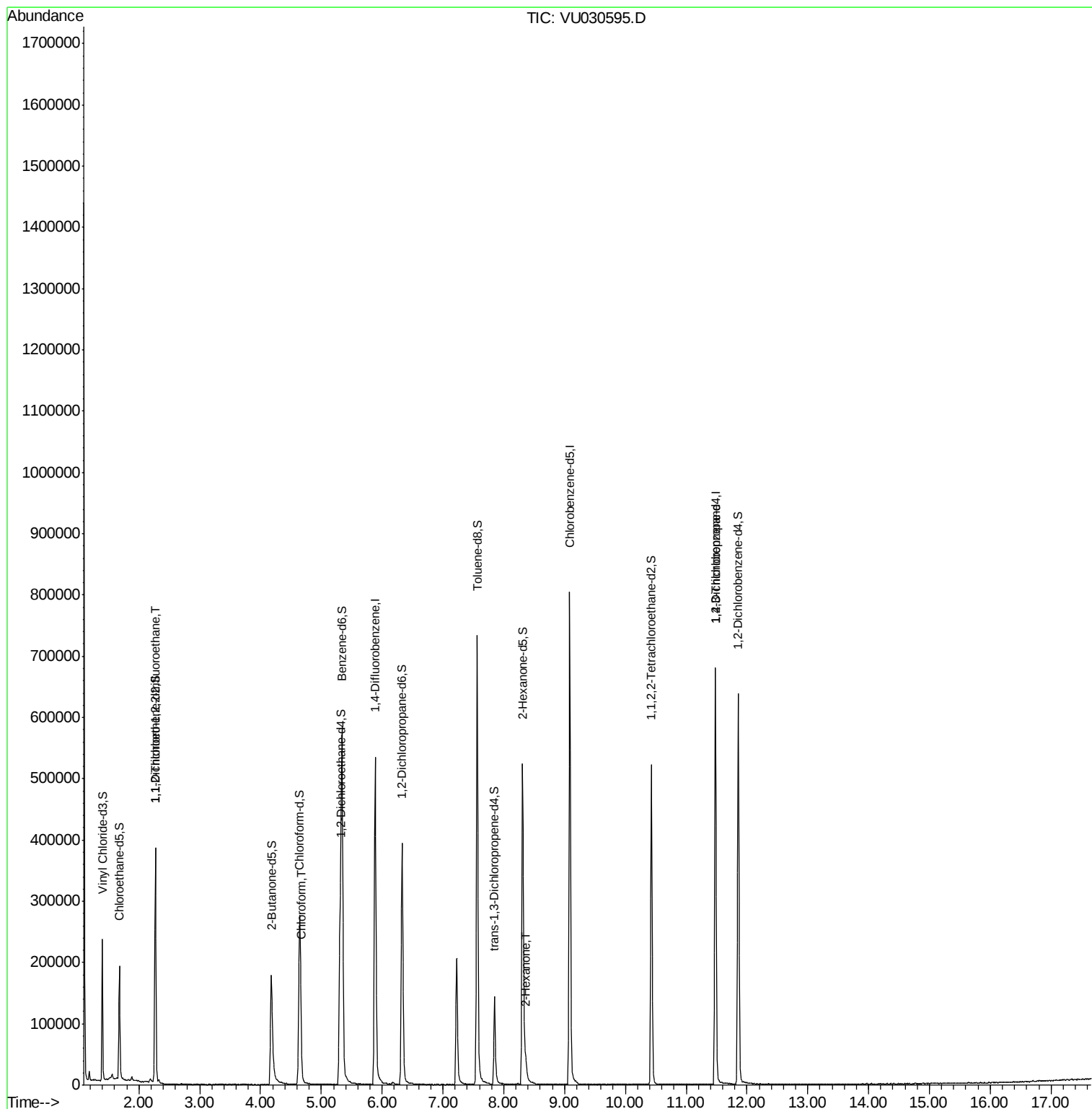
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1926	0.598 ug/L #	21
25) Chloroform	4.67	83	7856	1.216 ug/L	88
48) 2-Hexanone	8.36	43	14401	2.494 ug/L #	96
59) 1,2,3-Trichloropropane	11.48	75	22659	4.439 ug/L	94

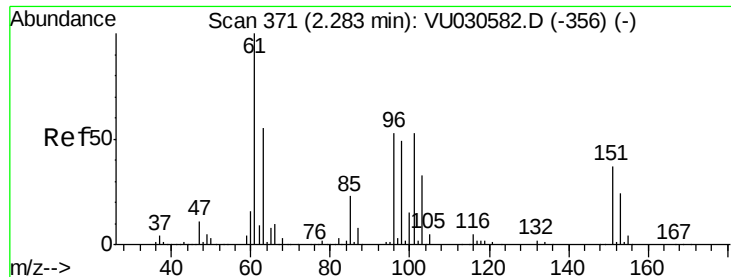
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.598 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

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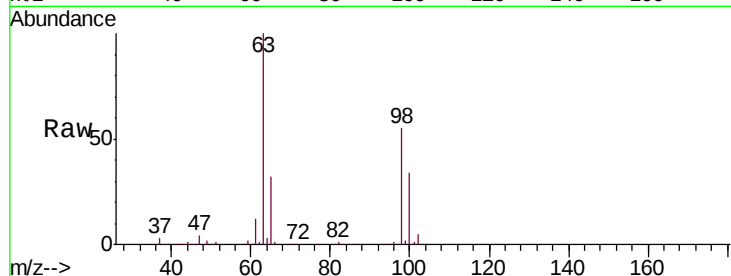
Tgt Ion: 101 Resp: 1926

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

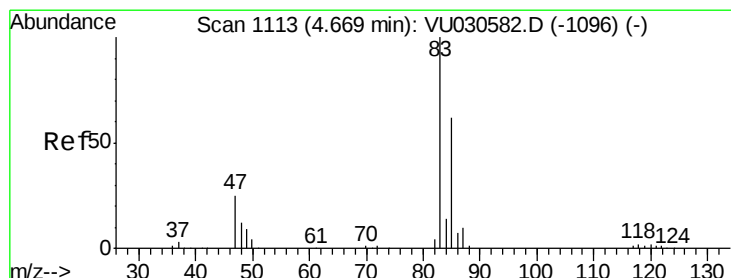
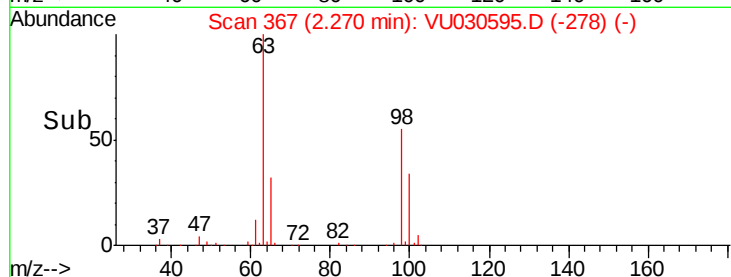
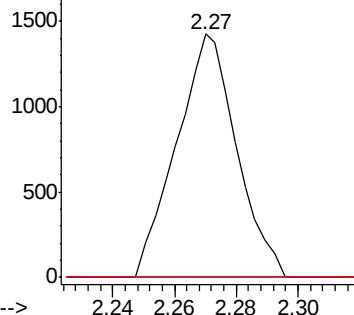
151 0.0 56.6 85.0#



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: 1.216 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

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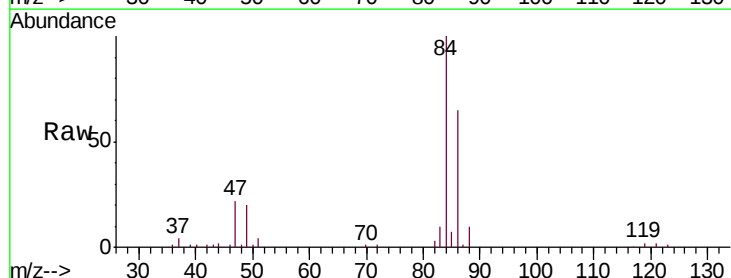
Acq: 31 Mar 2019 17:11

Tgt Ion: 83 Resp: 7856

Ion Ratio Lower Upper

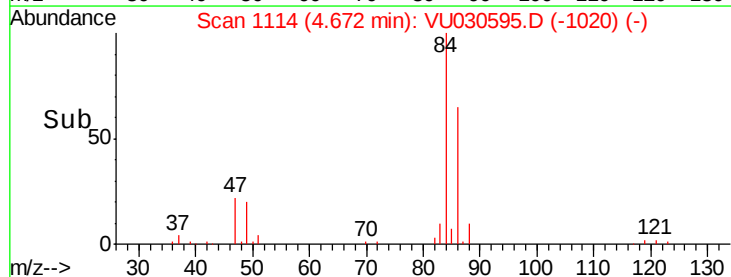
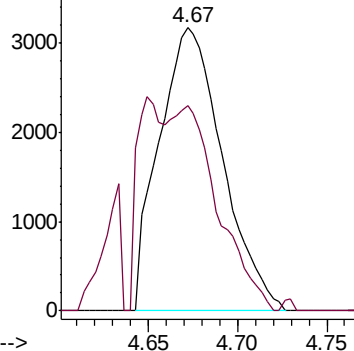
83 100

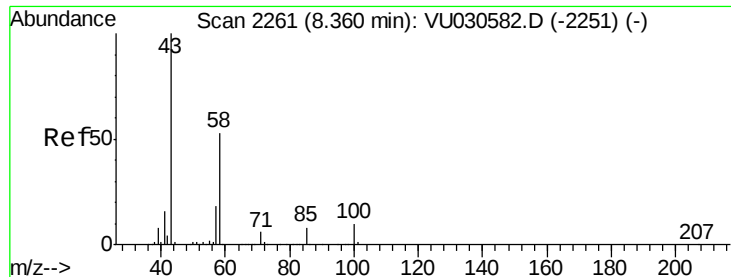
85 72.4 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

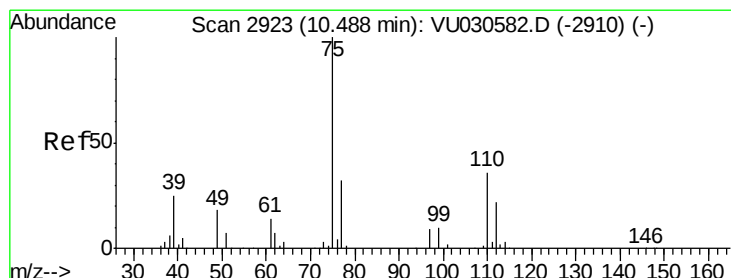
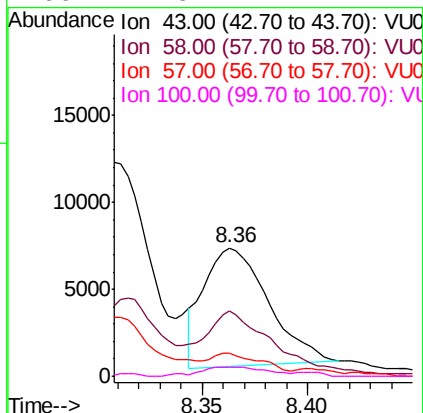
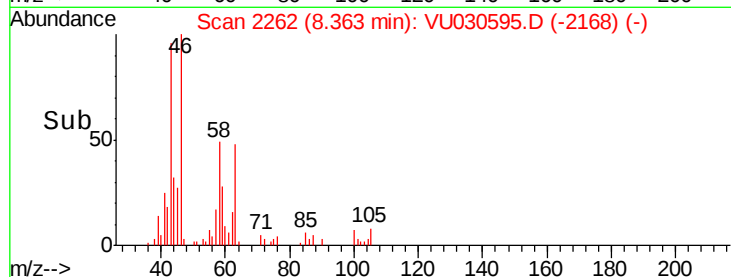
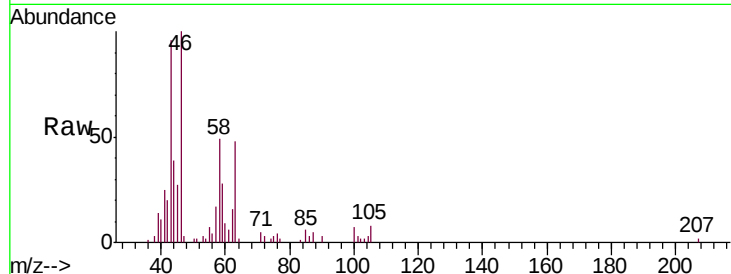




#48
 2-Hexanone
 Concen: 2.494 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 14401
 Ion Ratio Lower Upper
 43 100
 58 54.6 42.5 63.7
 57 14.3 15.0 22.6#
 100 7.6 7.4 11.2



#59
 1,2,3-Trichloropropane
 Concen: 4.439 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030595.D
 Acq: 31 Mar 2019 17:11

Tgt Ion: 75 Resp: 22659
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.2

