

Data File : VU031407.D
Acq On : 22 Apr 2019 22:06
Operator : JC/SP
Sample : K2403-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X16DL

Quant Time: Apr 23 04:07:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	693903	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	638182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	263542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	283027	50.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.68%
7) Chloroethane-d5	1.68	69	220804	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.16%
11) 1,1-Dichloroethene-d2	2.27	63	399921	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.78%
21) 2-Butanone-d5	4.19	46	427227	101.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.63%
24) Chloroform-d	4.64	84	439963	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	274516	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.34	84	957540	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
36) 1,2-Dichloropropane-d6	6.32	67	310648	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.72%
41) Toluene-d8	7.56	98	825966	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%
43) trans-1,3-Dichloropropene-	7.85	79	129648	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
47) 2-Hexanone-d5	8.31	63	311299	104.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	407010	50.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	283267	52.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.16%

Target Compounds

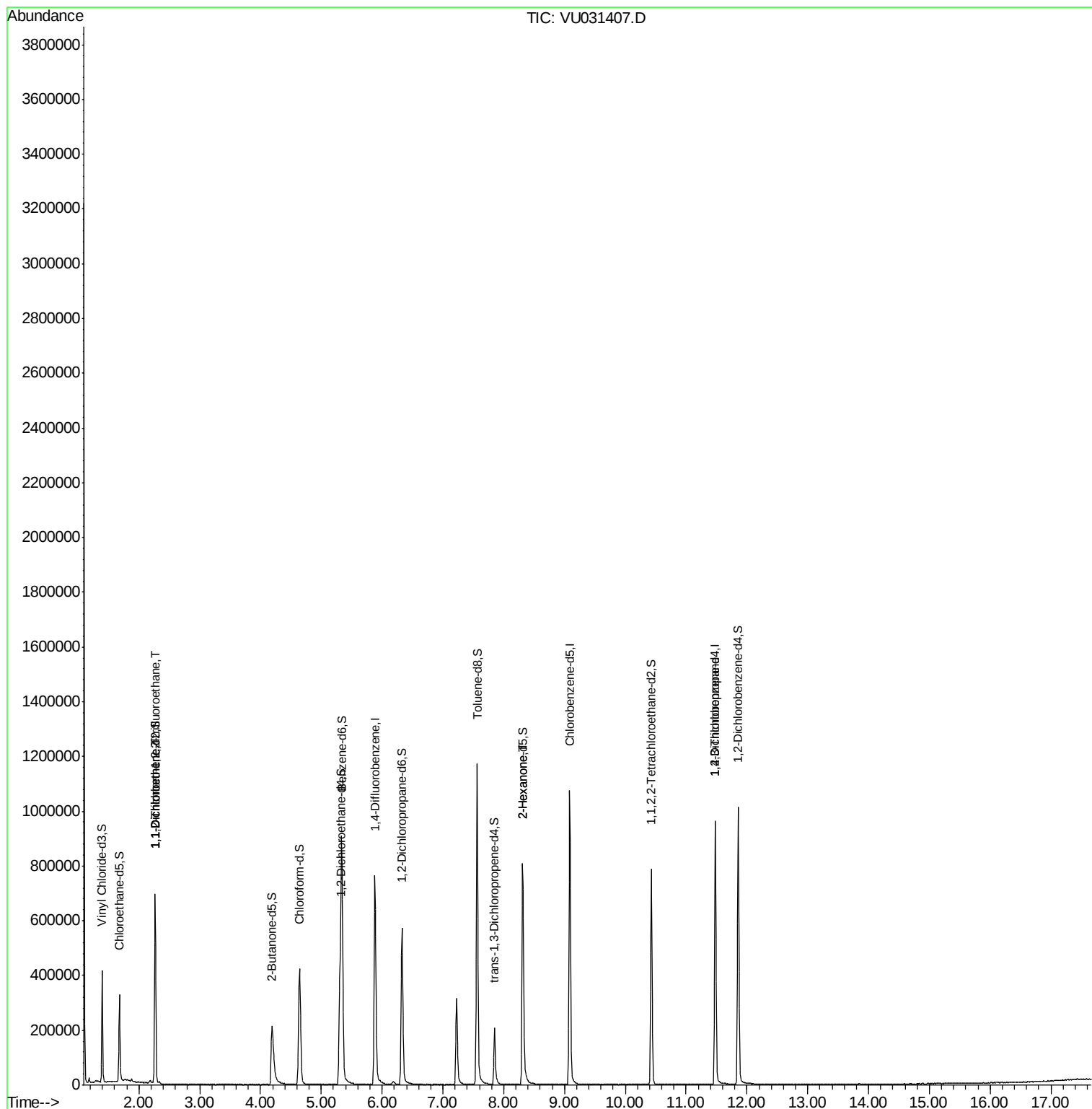
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4156	0.967	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	3185	0.753	ug/L #	1
48) 2-Hexanone	8.31	43	32525	5.576	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	31588	5.202	ug/L	94

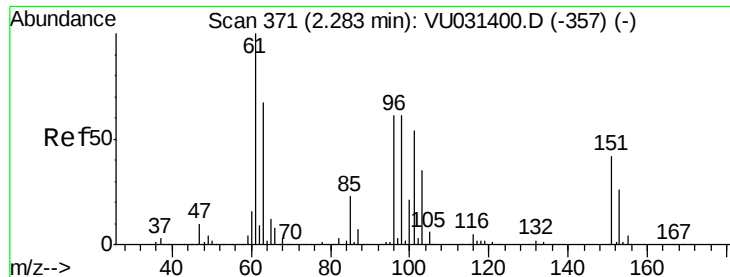
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.967 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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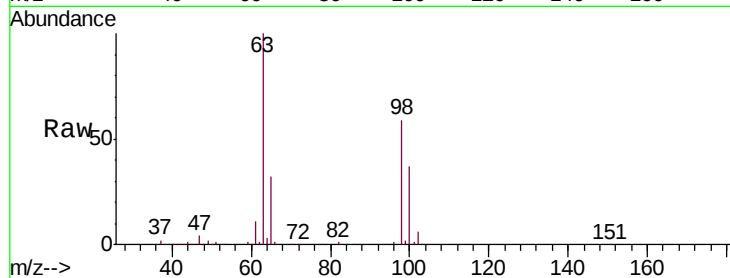
Tgt Ion:101 Resp: 4156

Ion Ratio Lower Upper

101 100

85 1.2 33.1 49.7#

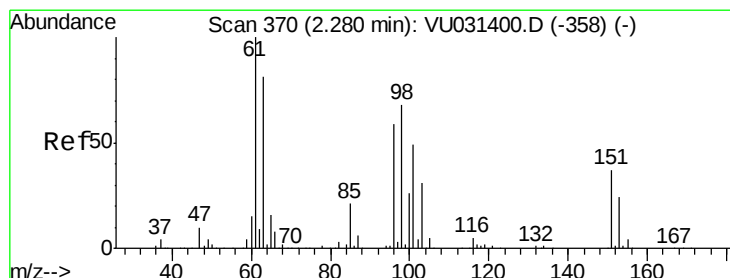
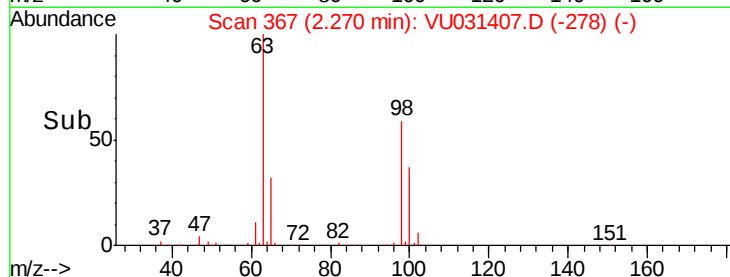
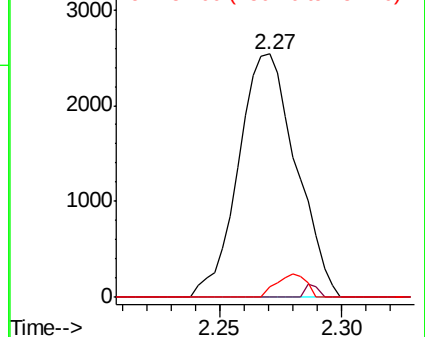
151 5.0 61.4 92.0#



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



#12

1,1-Dichloroethene

Concen: 0.753 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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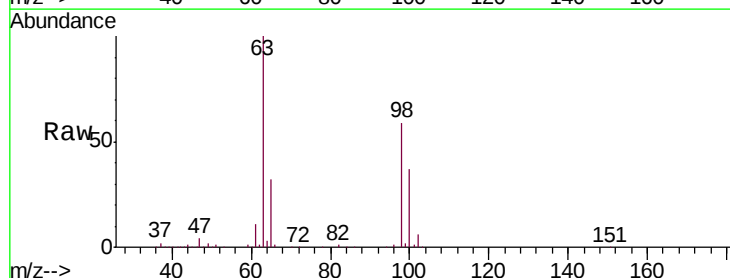
Tgt Ion: 96 Resp: 3185

Ion Ratio Lower Upper

96 100

61 1425.1 118.9 220.9#

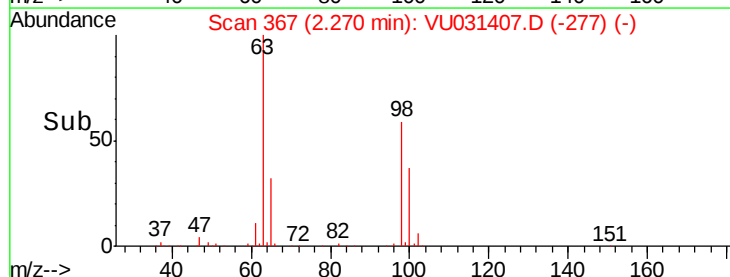
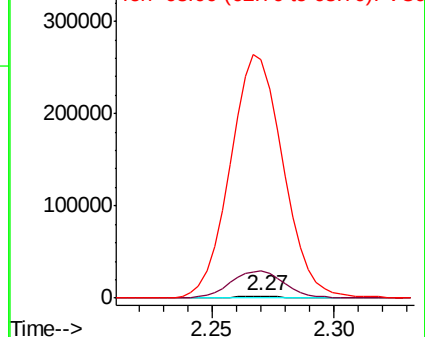
63 12696.2 99.3 184.3#

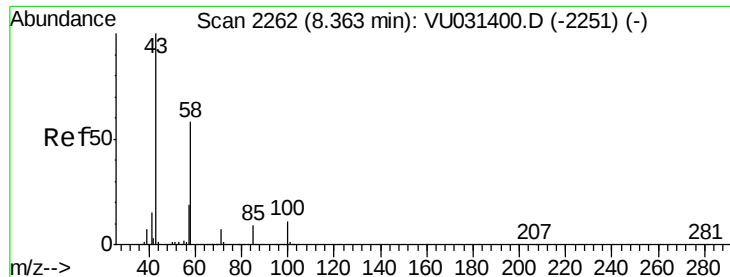


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

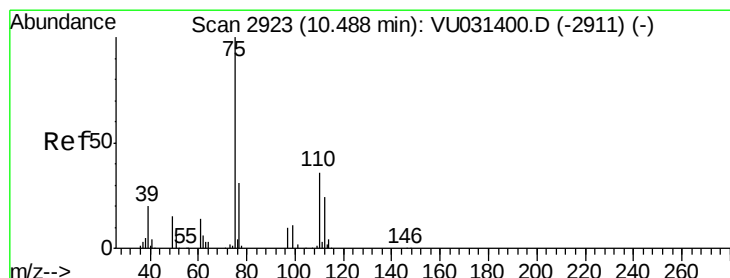
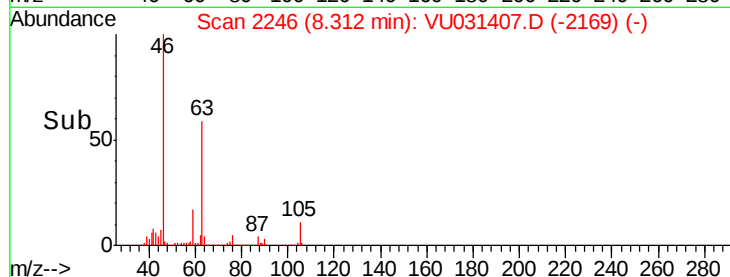
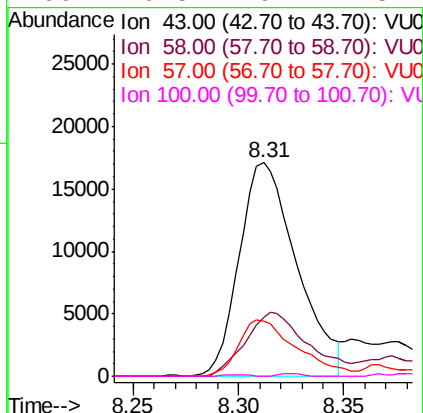
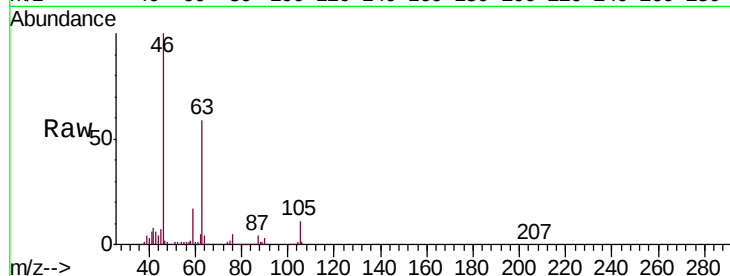




#48
 2-Hexanone
 Concen: 5.576 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	32525
Ion	Ratio	Lower	Upper
43	100		
58	32.5	45.5	68.3#
57	27.0	15.2	22.8#
100	0.5	9.1	13.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.202 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031407.D
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Tgt Ion:	75	Resp:	31588
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.6	38.4

