

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031227.D
 Acq On : 16 Apr 2019 21:56
 Operator : JC/SP
 Sample : K2409-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Apr 17 04:17:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	495069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192464	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	162588	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.32%
7) Chloroethane-d5	1.68	69	155056	39.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.34%
11) 1,1-Dichloroethene-d2	2.27	63	294776	32.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.28%
21) 2-Butanone-d5	4.19	46	287168	86.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.48%
24) Chloroform-d	4.64	84	313627	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.46%
26) 1,2-Dichloroethane-d4	5.31	65	204344	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
32) Benzene-d6	5.34	84	624999	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
36) 1,2-Dichloropropane-d6	6.33	67	216226	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.60%
41) Toluene-d8	7.56	98	554632	41.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.86%
43) trans-1,3-Dichloropropene-	7.85	79	92441	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
47) 2-Hexanone-d5	8.31	63	197818	84.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288318	42.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	188199	42.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.28%

Target Compounds

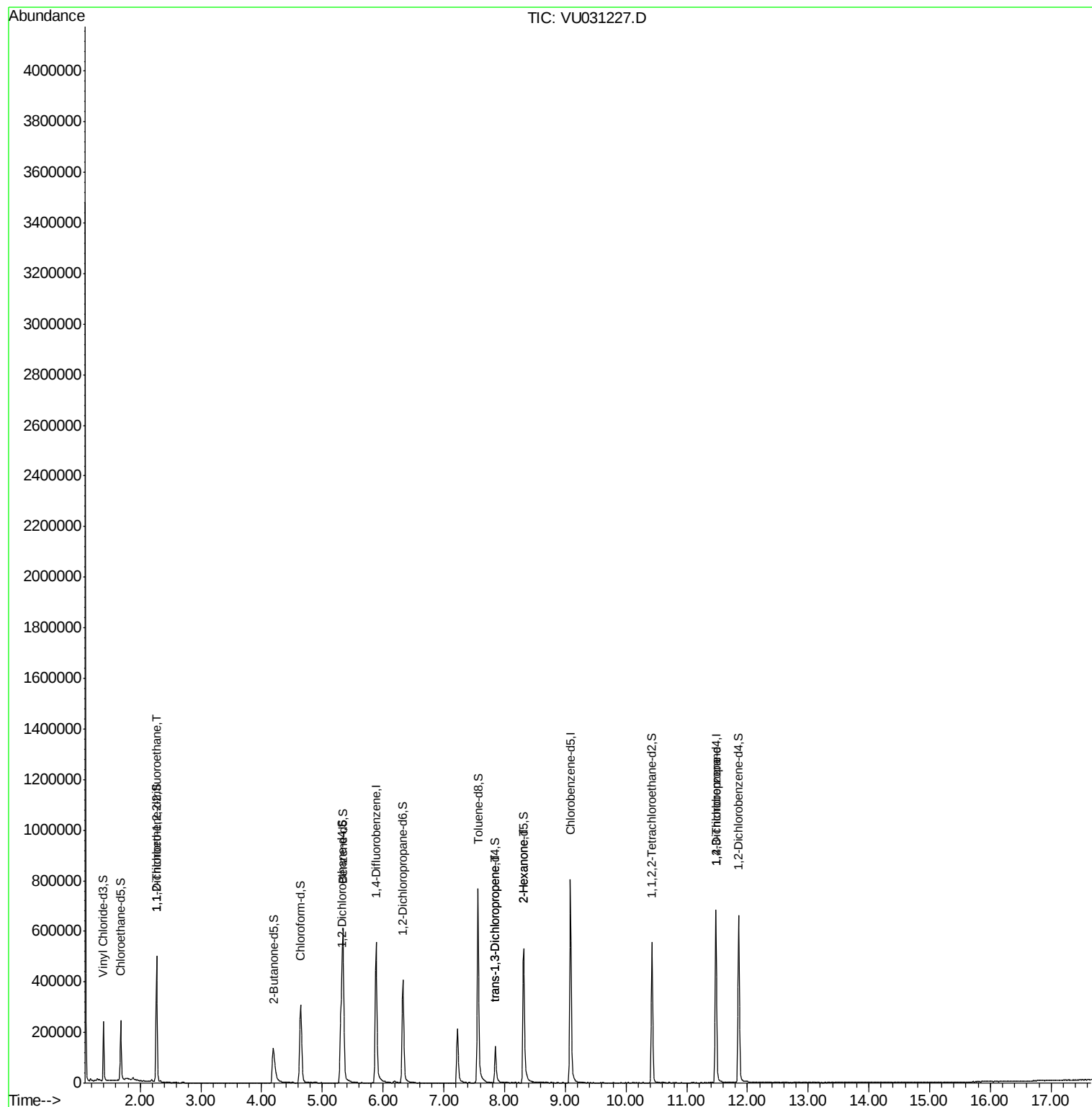
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2797	0.709 ug/L #	19
44) trans-1,3-Dichloropropene	7.85	75	3602	0.646 ug/L	98
48) 2-Hexanone	8.31	43	24669	5.129 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	20948	4.109 ug/L	91

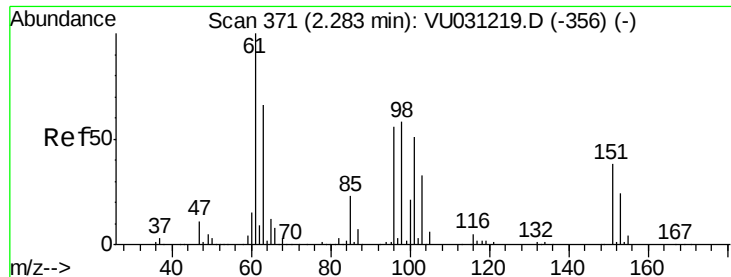
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.709 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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VHBLK02

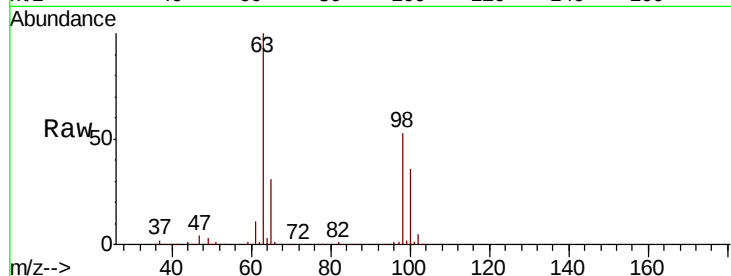
Tgt Ion: 101 Resp: 2797

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

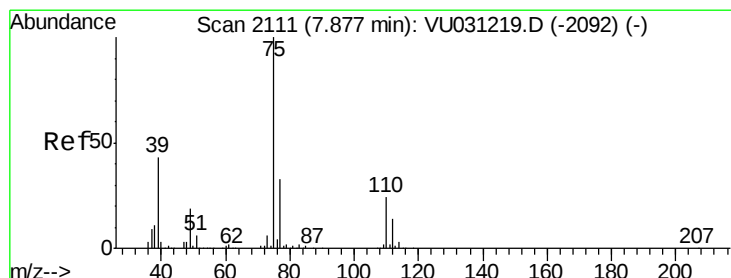
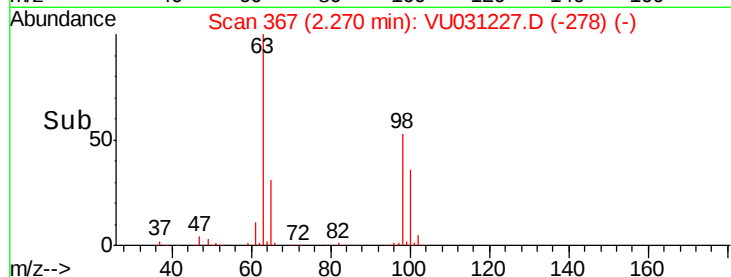
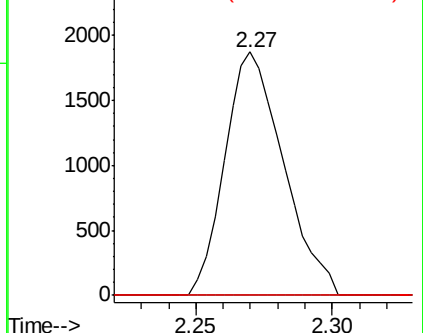
151 0.0 59.8 89.8#



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



#44

trans-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031227.D

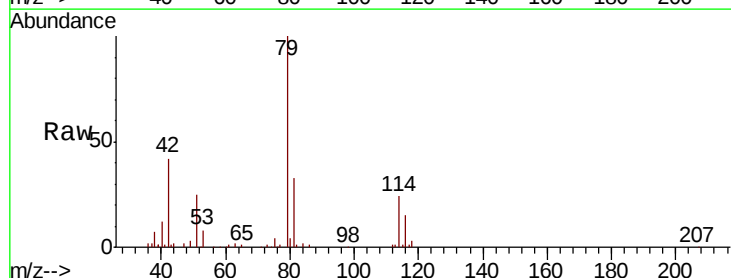
Acq: 16 Apr 2019 21:56

Tgt Ion: 75 Resp: 3602

Ion Ratio Lower Upper

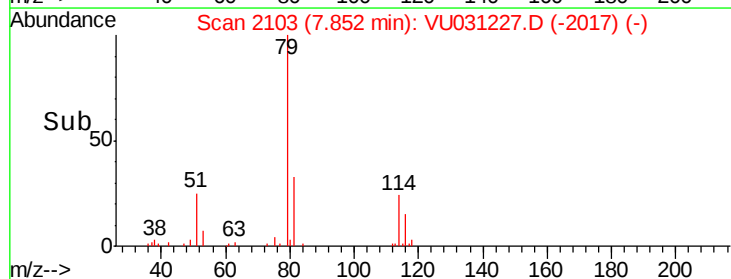
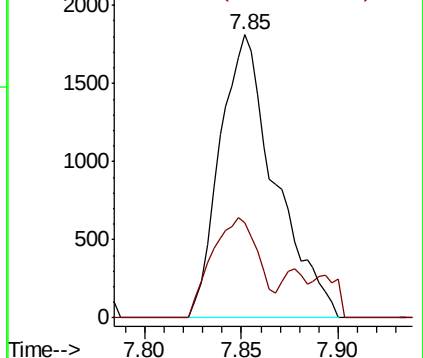
75 100

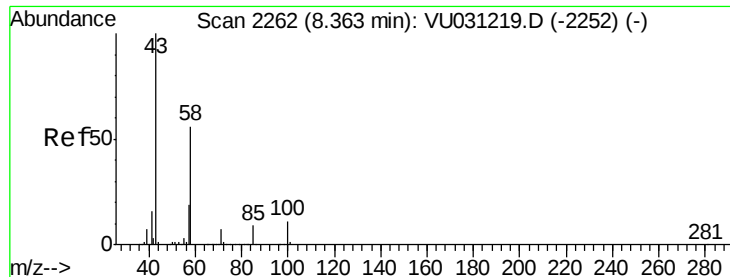
77 33.8 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

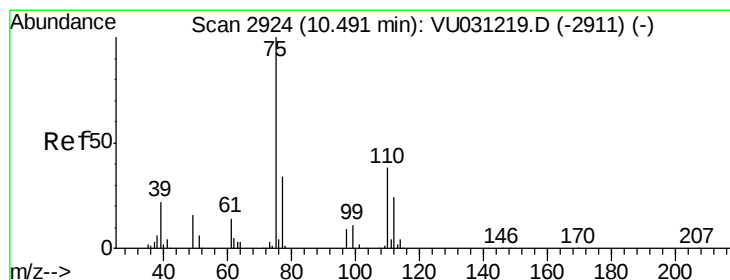
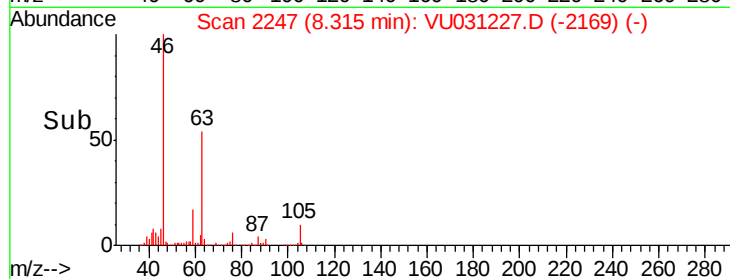
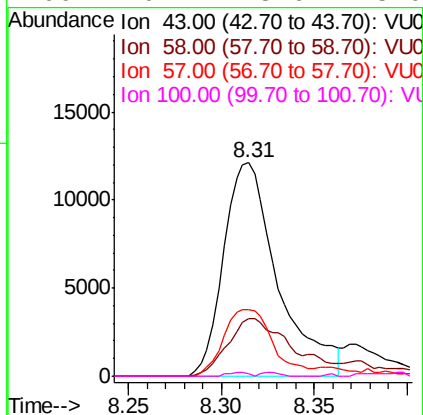
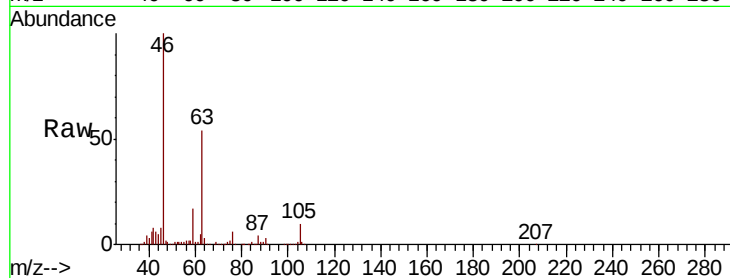




#48
 2-Hexanone
 Concen: 5.129 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.05 min
 Lab File: VU031227.D
 Acq: 16 Apr 2019 21:56

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Tgt Ion:	43	Resp:	24669
Ion	Ratio	Lower	Upper
43	100		
58	27.7	44.9	67.3#
57	28.4	15.1	22.7#
100	0.7	8.6	13.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.109 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031227.D
 Acq: 16 Apr 2019 21:56

Tgt Ion:	75	Resp:	20948
Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.4	38.2

