

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031767.D
 Acq On : 06 May 2019 10:06
 Operator : JC/SP
 Sample : K2661-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	700931	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	675271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	275154	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.68	69	225116	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.32%
11) 1,1-Dichloroethene-d2	2.27	63	410281	35.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.24%
21) 2-Butanone-d5	4.18	46	635559	119.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.58%
24) Chloroform-d	4.64	84	524384	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.31	65	371865	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
32) Benzene-d6	5.34	84	1000149	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.33	67	373193	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.56	98	781721	43.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.56%
43) trans-1,3-Dichloropropene-	7.85	79	149317	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.36%
47) 2-Hexanone-d5	8.31	63	364818	115.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	493269	50.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	269691	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%

Target Compounds

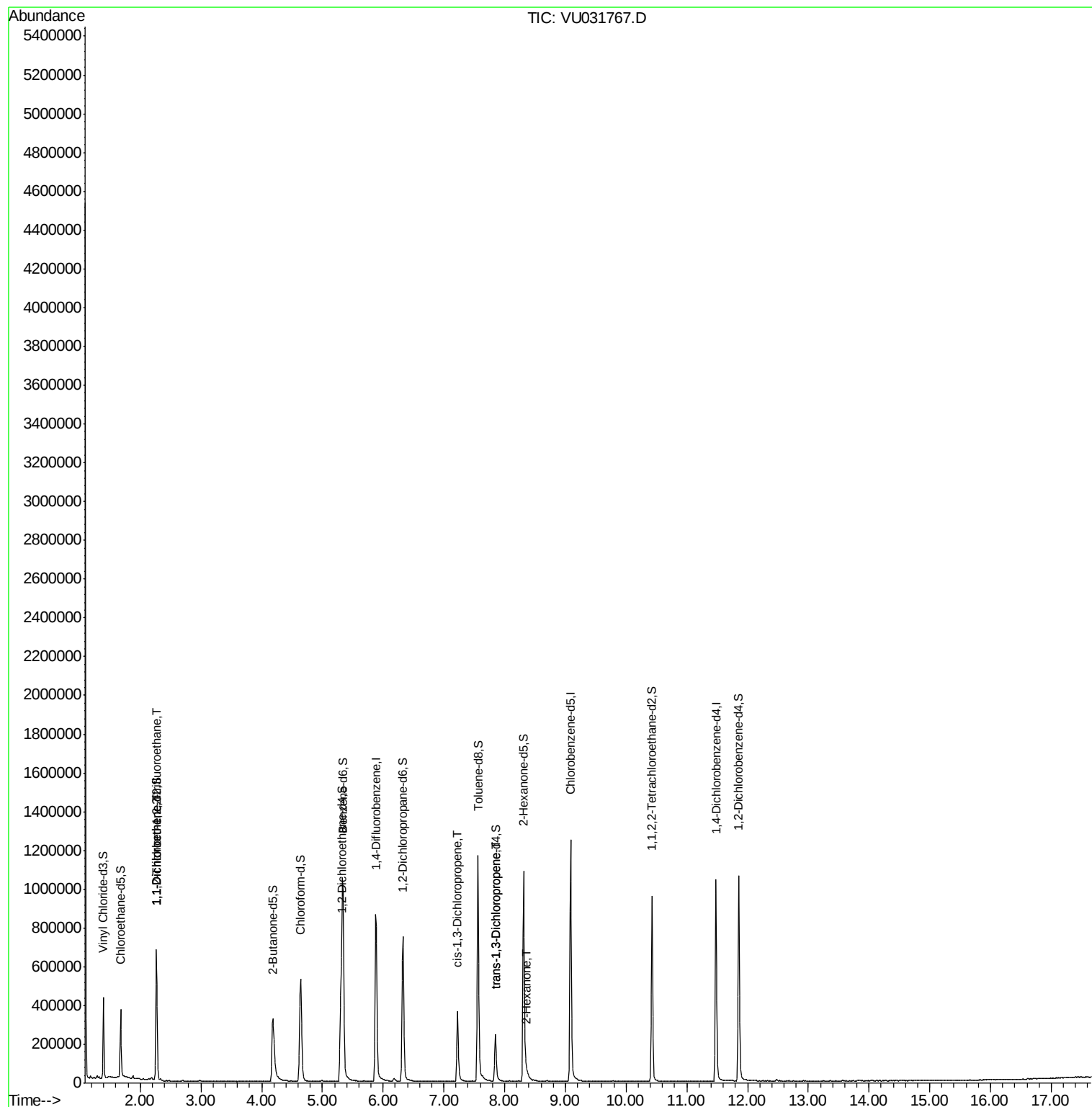
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3403	0.606 ug/L #	31
12) 1,1-Dichloroethene	2.27	96	3285	0.601 ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	8092	0.869 ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	6445	0.763 ug/L	96
48) 2-Hexanone	8.37	43	28442	3.243 ug/L #	81

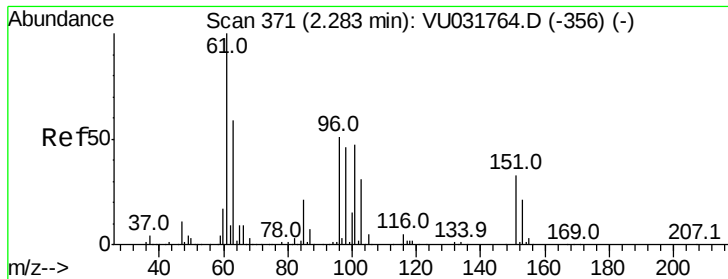
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.606 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031767.D

Acq: 06 May 2019 10:06

Instrument :

MSVOA_U

ClientSampled :

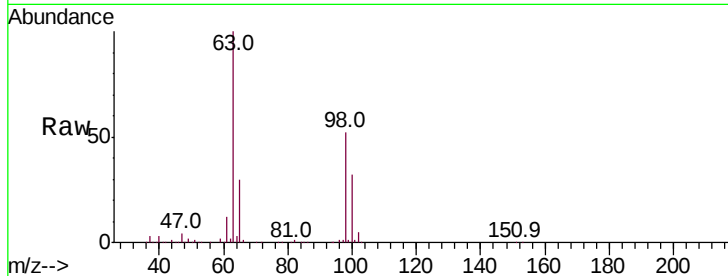
Tot Ion:101 Resp: 3403

Ion Ratio Lower Upper

101 100

85 6.9 36.1 54.1#

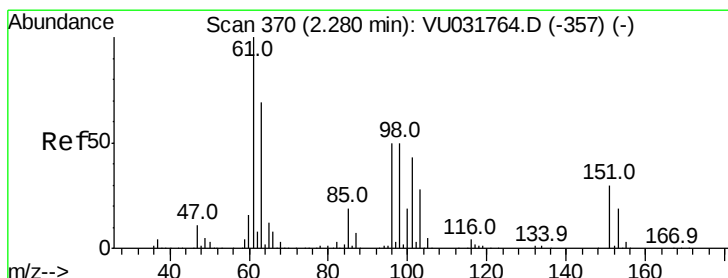
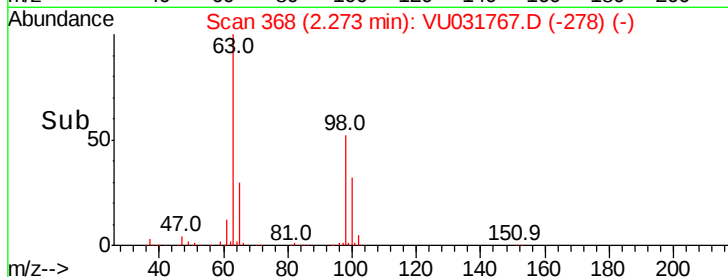
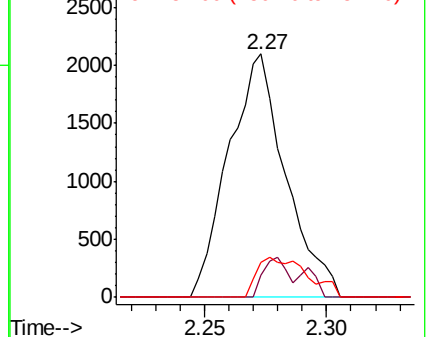
151 8.0 56.1 84.1#



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: 0.601 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031767.D

Acq: 06 May 2019 10:06

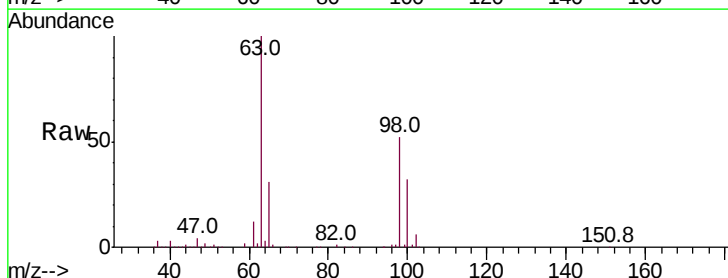
Tgt Ion: 96 Resp: 3285

Ion Ratio Lower Upper

96 100

61 1590.8 135.0 250.6#

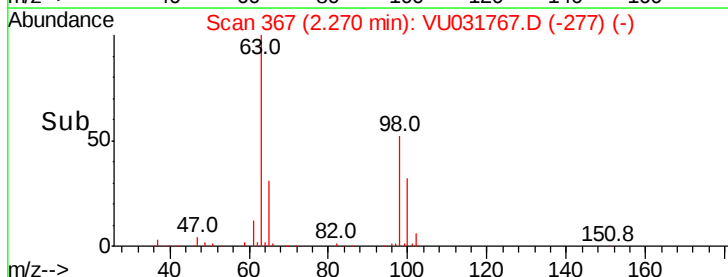
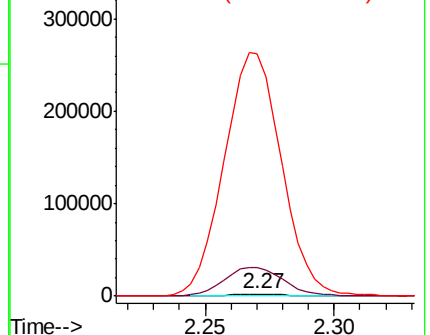
63 13701.4 103.5 192.3#

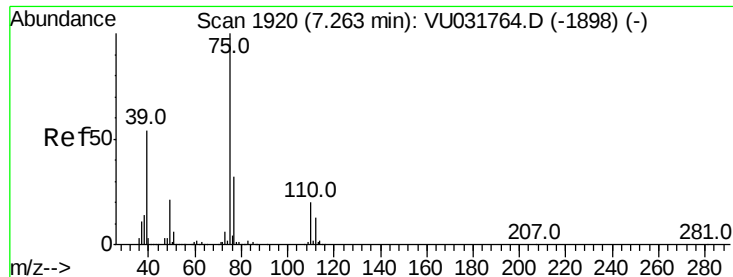


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.869 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU031767.D

Acq: 06 May 2019 10:06

Instrument :

MSVOA_U

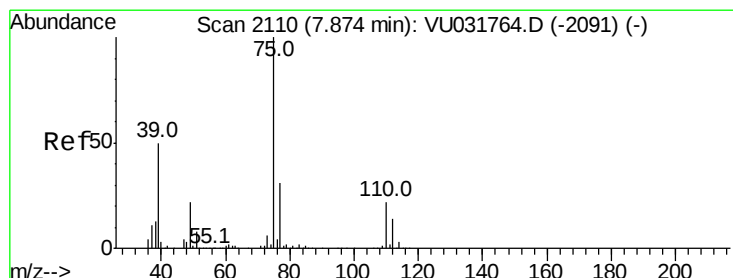
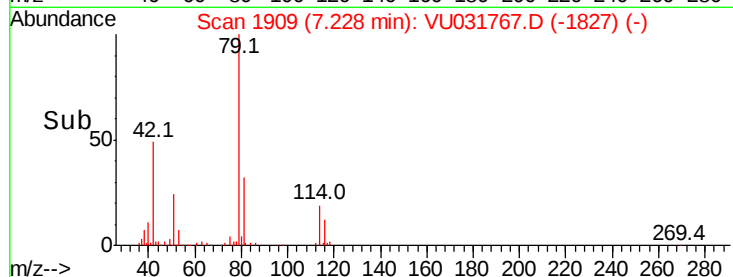
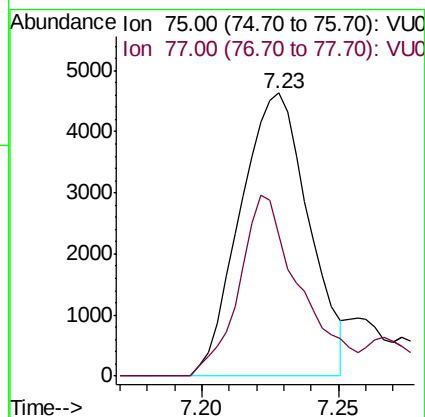
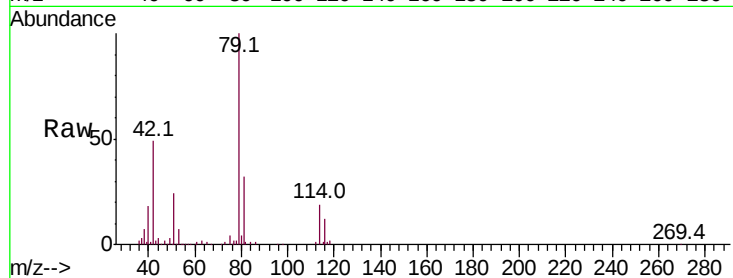
ClientSampleId :

Tot Ion: 75 Resp: 8092

Ion Ratio Lower Upper

75 100

77 49.7 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031767.D

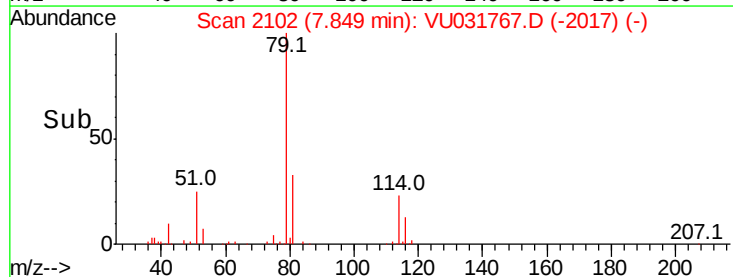
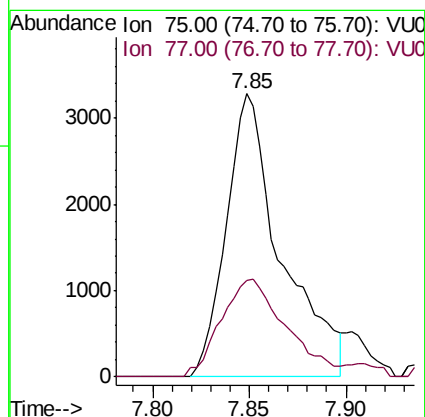
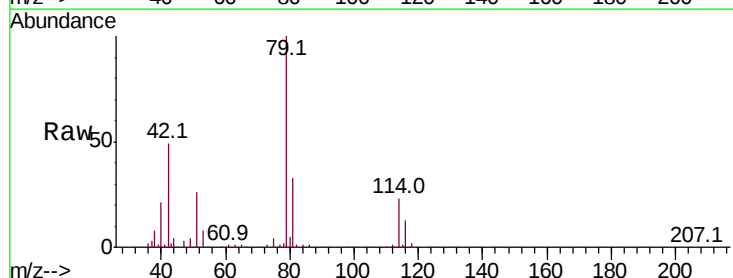
Acq: 06 May 2019 10:06

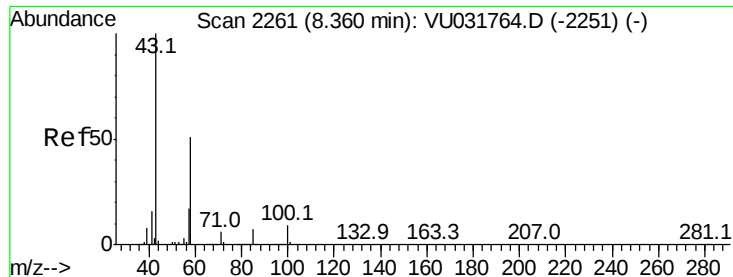
Tgt Ion: 75 Resp: 6445

Ion Ratio Lower Upper

75 100

77 34.0 22.1 41.1





#48
 2-Hexanone
 Concen: 3.243 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031767.D
 Acq: 06 May 2019 10:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.9	42.1	63.1
57	0.0	14.6	22.0#
100	5.2	7.2	10.8#

