

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031221.D
 Acq On : 16 Apr 2019 19:37
 Operator : JC/SP
 Sample : K2299-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 17 04:16:31 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	513541	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	196956	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	254070	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.44%
7) Chloroethane-d5	1.68	69	208188	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.27	63	354000	37.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.56%
21) 2-Butanone-d5	4.19	46	336792	97.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	4.64	84	368674	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.31	65	236911	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
32) Benzene-d6	5.34	84	746448	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
36) 1,2-Dichloropropane-d6	6.32	67	245936	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	635568	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.85	79	110687	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.22%
47) 2-Hexanone-d5	8.31	63	245146	105.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	333995	48.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	228239	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%

Target Compounds

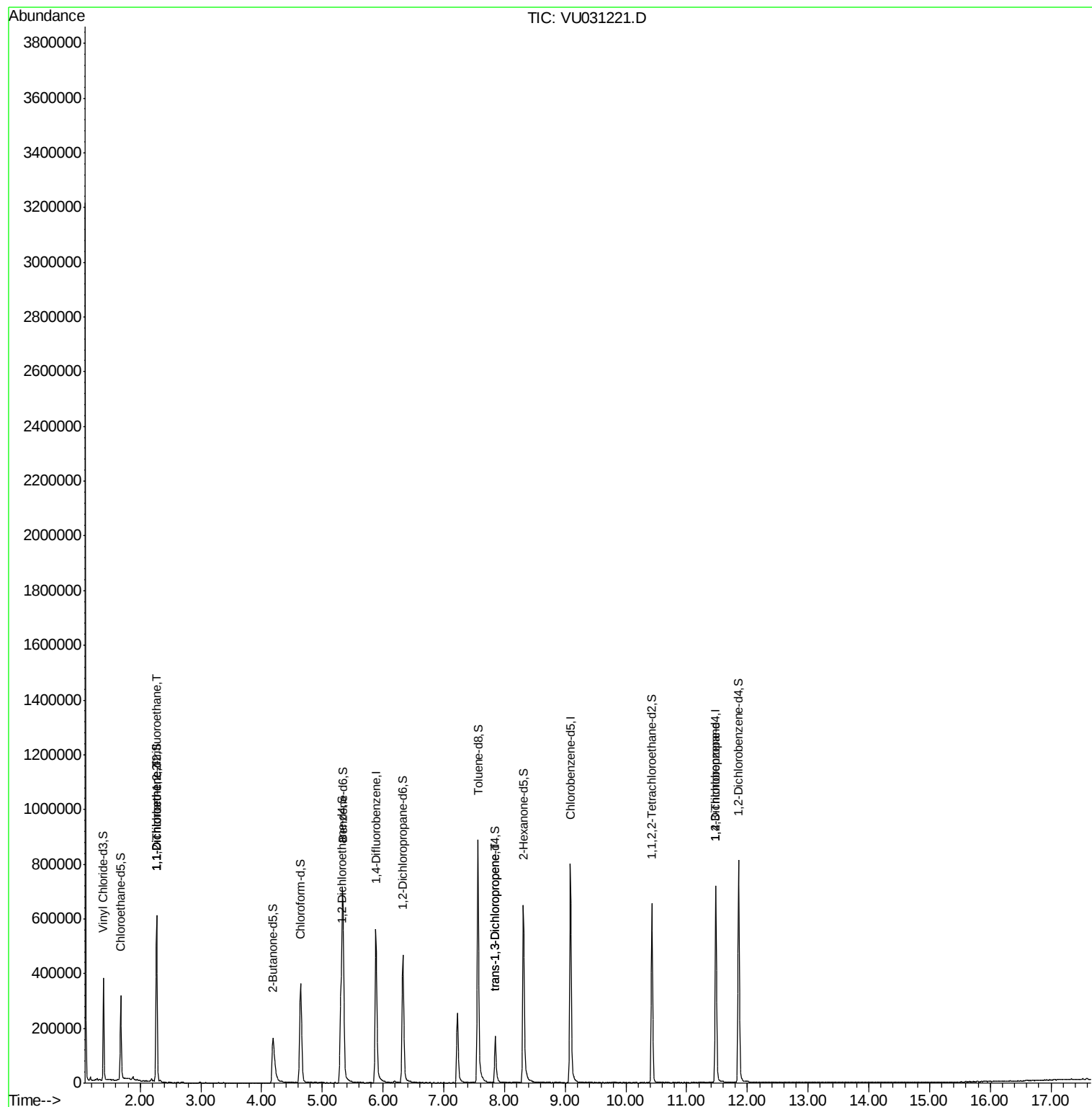
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3150	0.770 ug/L #	27
12) 1,1-Dichloroethene	2.27	96	2770	0.690 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	4898	0.882 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	23607	4.651 ug/L	92

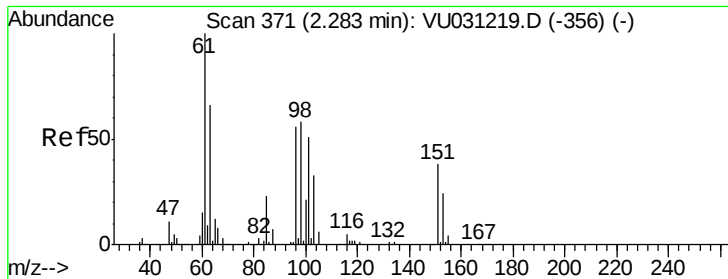
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.770 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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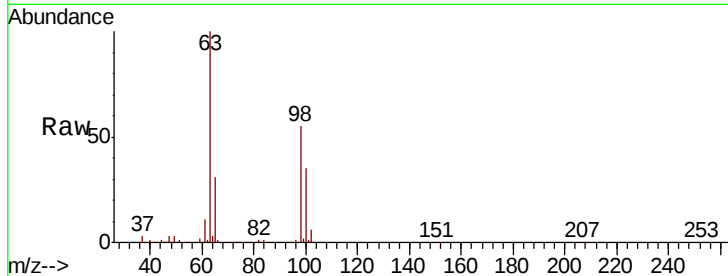
Tgt Ion:101 Resp: 3150

Ion Ratio Lower Upper

101 100

85 2.7 35.4 53.0#

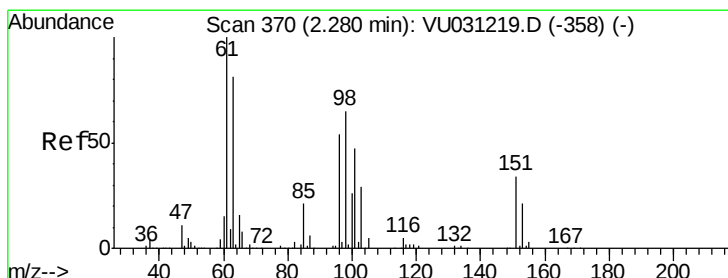
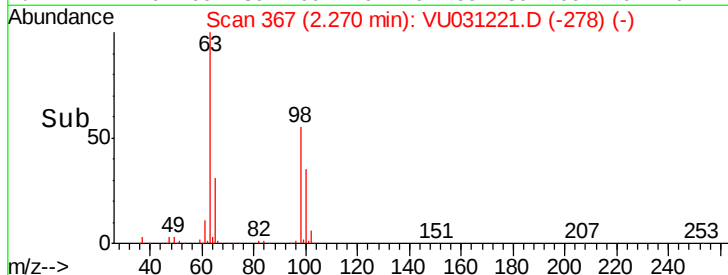
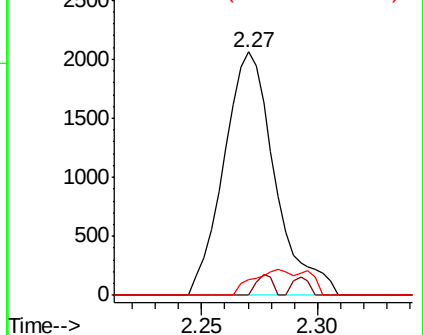
151 8.2 59.8 89.8#



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



#12

1,1-Dichloroethene

Concen: 0.690 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031221.D

Acq: 16 Apr 2019 19:37

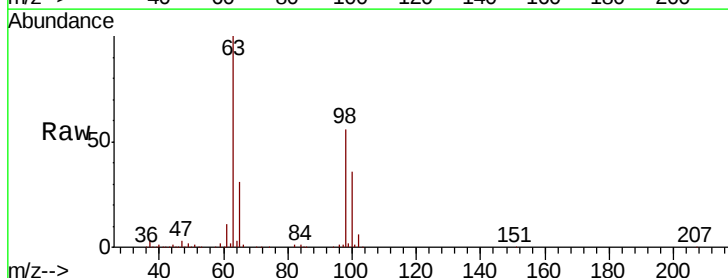
Tgt Ion: 96 Resp: 2770

Ion Ratio Lower Upper

96 100

61 1355.5 130.4 242.2#

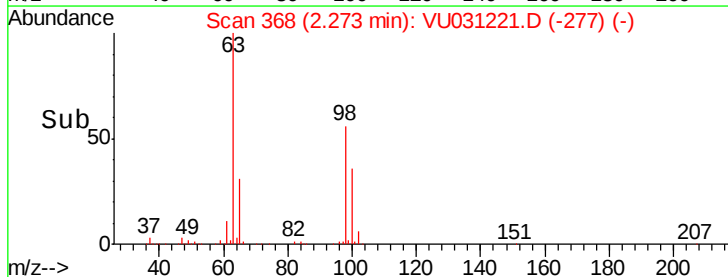
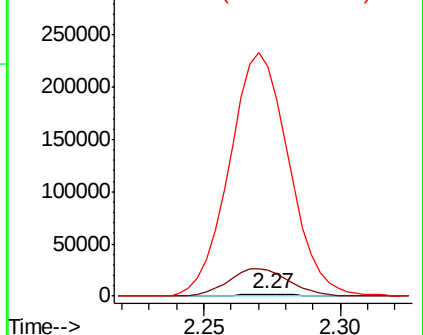
63 12143.4 108.9 202.3#

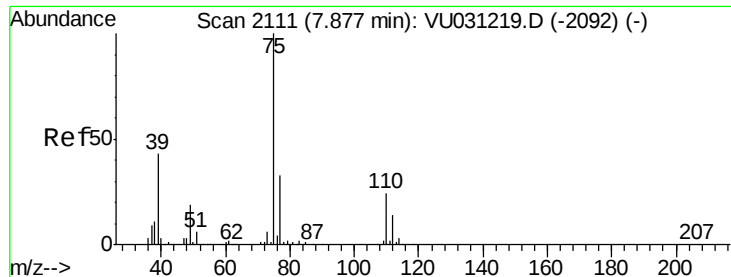


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.882 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031221.D

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Instrument :

MSVOA_U

ClientSampleId :

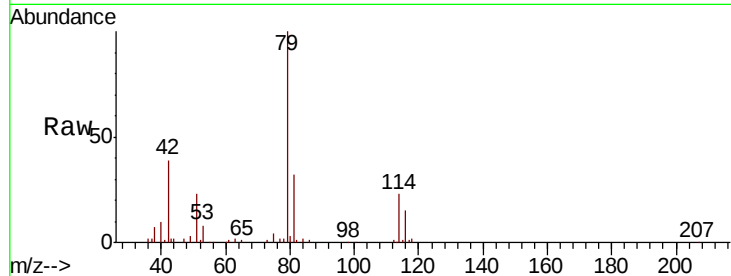
VHBLK01

Tgt Ion: 75 Resp: 4898

Ion Ratio Lower Upper

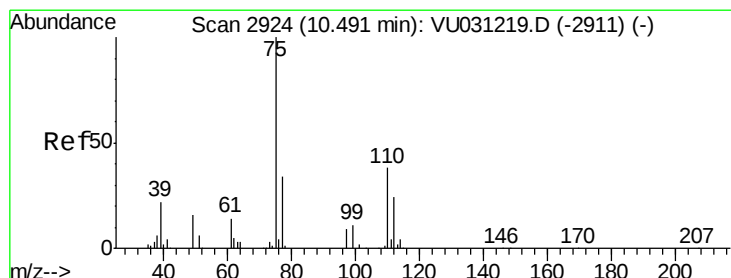
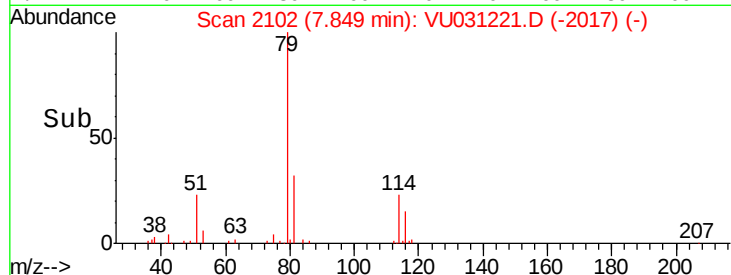
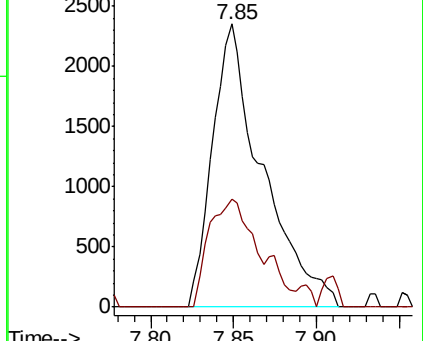
75 100

77 38.4 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-2092) (-)



#59

1,2,3-Trichloropropane

Concen: 4.651 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031221.D

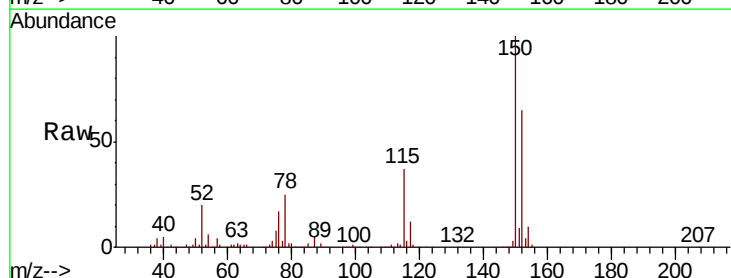
Acq: 16 Apr 2019 19:37

Tgt Ion: 75 Resp: 23607

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-2911) (-)

