

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032343.D
 Acq On : 28 May 2019 21:20
 Operator : JC/SP
 Sample : K3017-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: May 29 05:32:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	760779	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	764373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	276583	49.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.64%
7) Chloroethane-d5	1.67	69	227946	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.68%
11) 1,1-Dichloroethene-d2	2.27	63	375373	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
21) 2-Butanone-d5	4.17	46	373291	101.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.15%
24) Chloroform-d	4.64	84	475322	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
26) 1,2-Dichloroethane-d4	5.30	65	297308	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
32) Benzene-d6	5.34	84	1007263	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
36) 1,2-Dichloropropane-d6	6.32	67	310216	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.70%
41) Toluene-d8	7.56	98	908167	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%
43) trans-1,3-Dichloropropene-	7.85	79	133226	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.50%
47) 2-Hexanone-d5	8.31	63	248568	95.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	453872	47.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	338347	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

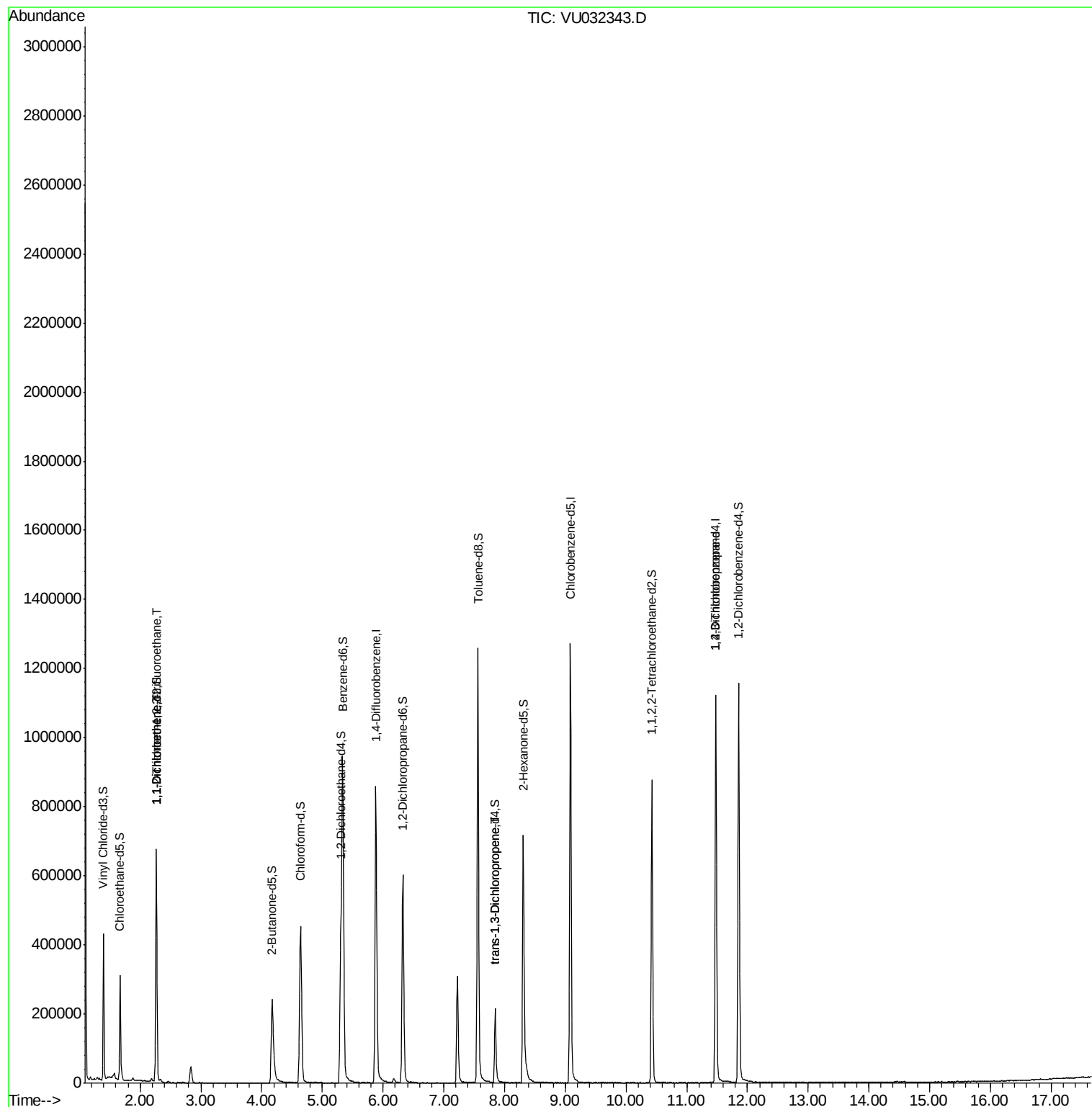
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4524	0.937 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2823	0.573 ug/L #	1
44) trans-1,3-Dichloropropene	7.84	75	4877	0.674 ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	32602	4.399 ug/L	94

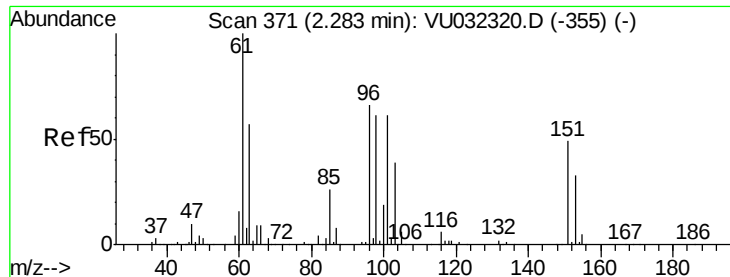
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.937 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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VHBLK02

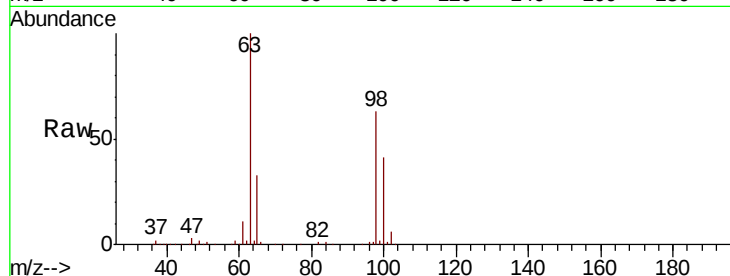
Tgt Ion: 101 Resp: 4524

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

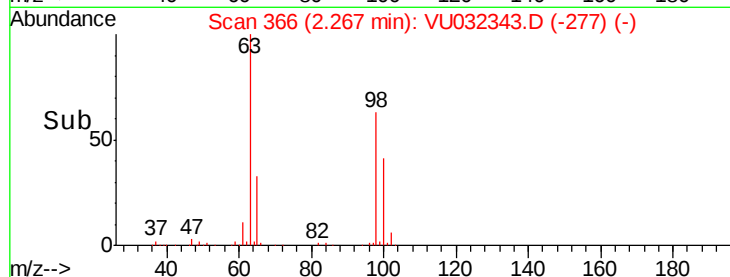
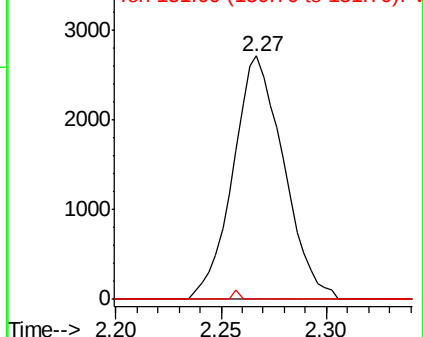
151 0.0 63.7 95.5#



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: 0.573 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032343.D

Acq: 28 May 2019 21:20

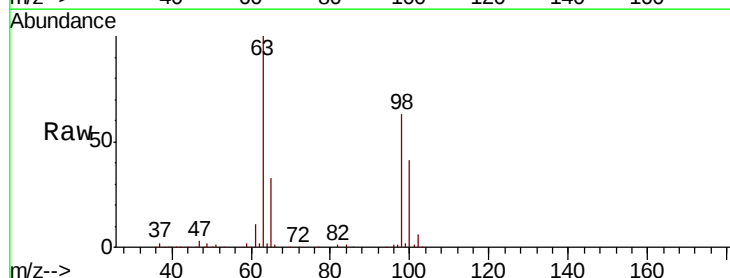
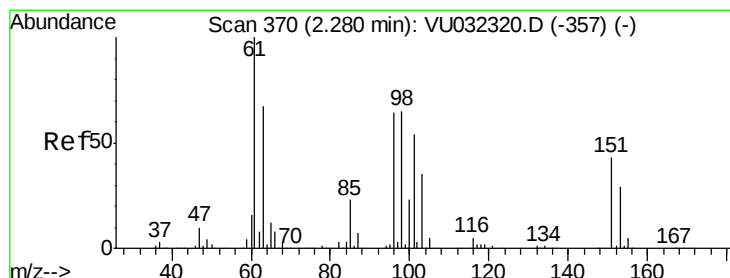
Tgt Ion: 96 Resp: 2823

Ion Ratio Lower Upper

96 100

61 1364.5 109.8 203.8#

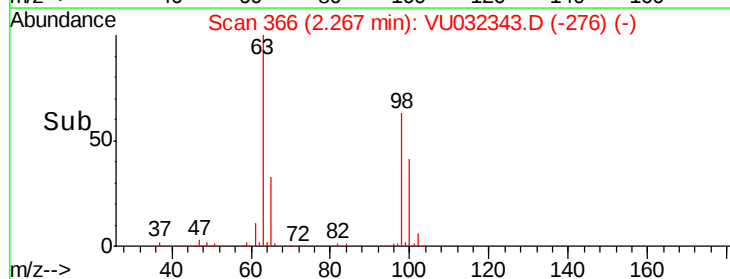
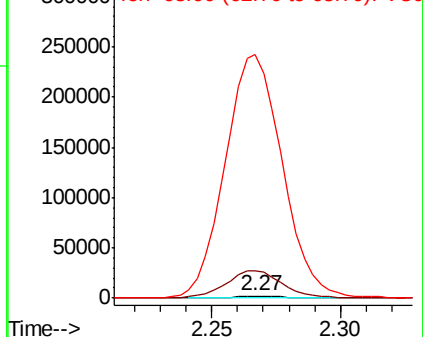
63 12105.9 74.4 138.2#

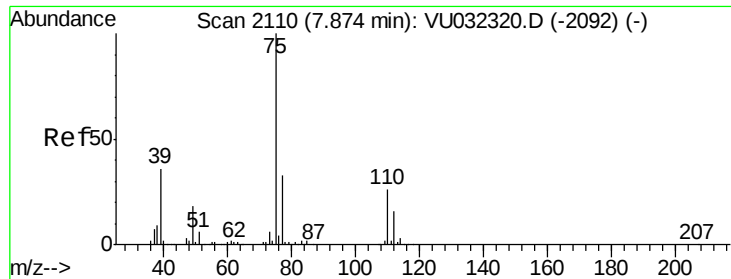


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

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ClientSampleId :

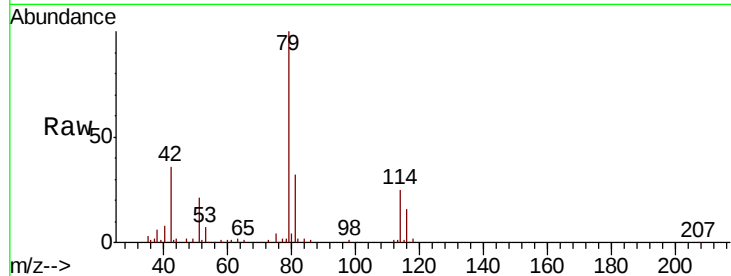
VHBLK02

Tgt Ion: 75 Resp: 4877

Ion Ratio Lower Upper

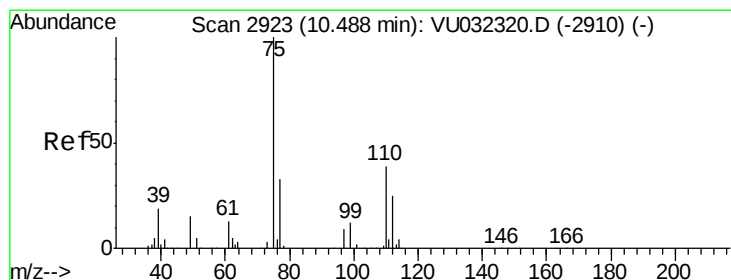
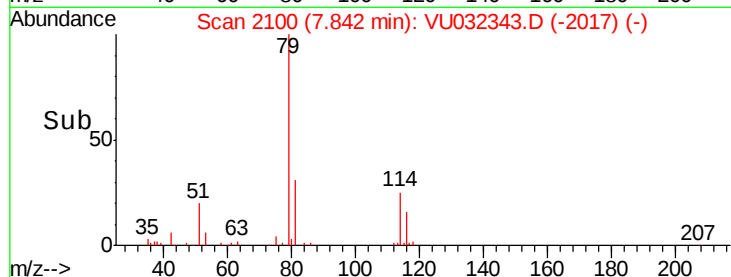
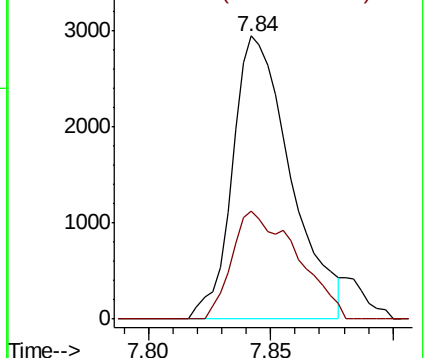
75 100

77 38.0 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU032320.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU032320.D (-2092) (-)



#59

1,2,3-Trichloropropane

Concen: 4.399 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032343.D

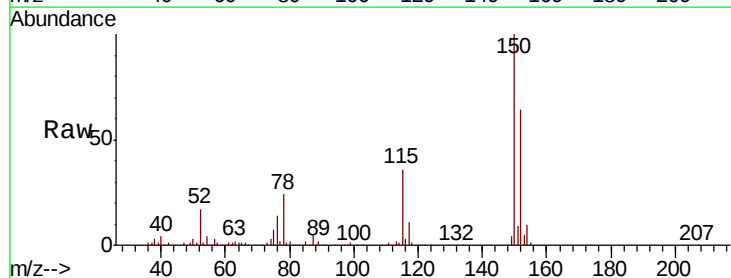
Acq: 28 May 2019 21:20

Tgt Ion: 75 Resp: 32602

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU032320.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU032320.D (-2910) (-)

