

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032336.D
 Acq On : 28 May 2019 18:11
 Operator : JC/SP
 Sample : K3018-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: May 29 05:31:44 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	783238	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	776241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	317989	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	284057	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.67	69	233170	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.02%
11) 1,1-Dichloroethene-d2	2.27	63	389001	37.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.86%
21) 2-Butanone-d5	4.17	46	378287	99.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.56%
24) Chloroform-d	4.64	84	489813	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	5.30	65	309481	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.50%
32) Benzene-d6	5.34	84	1037342	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.32	67	319542	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.56	98	926885	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.85	79	137553	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.06%
47) 2-Hexanone-d5	8.31	63	249268	94.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	455881	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	340001	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%

Target Compounds

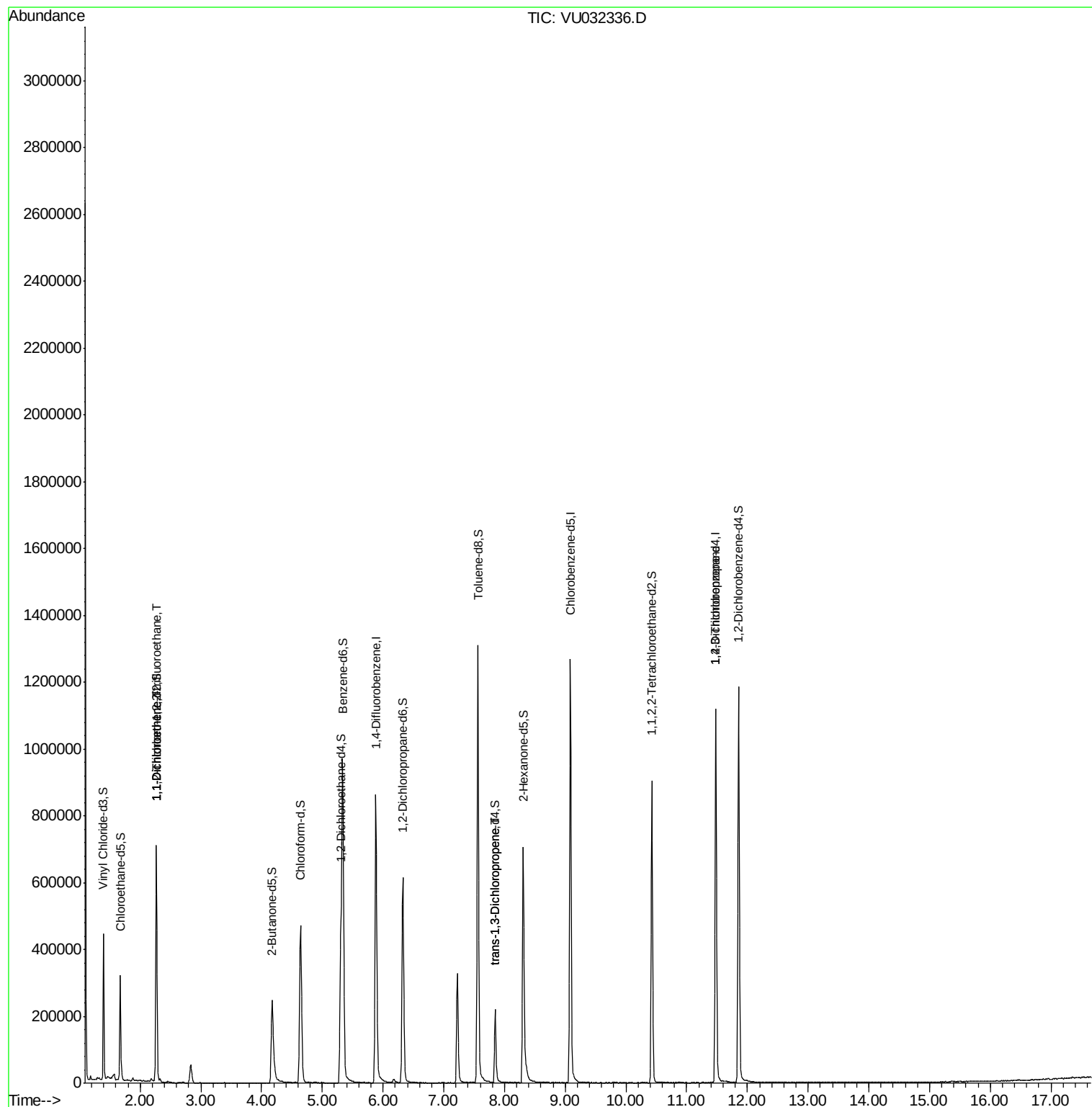
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4139	0.833 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3428	0.676 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	5050	0.688 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	33749	4.484 ug/L	94

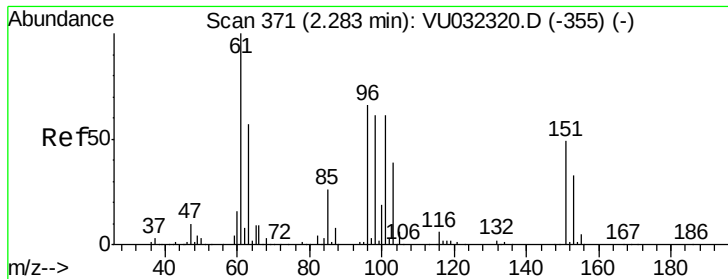
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.833 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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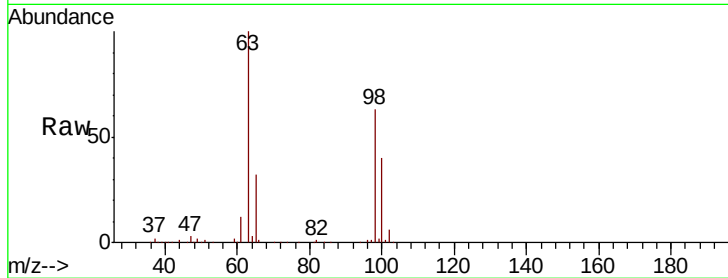
Tgt Ion: 101 Resp: 4139

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

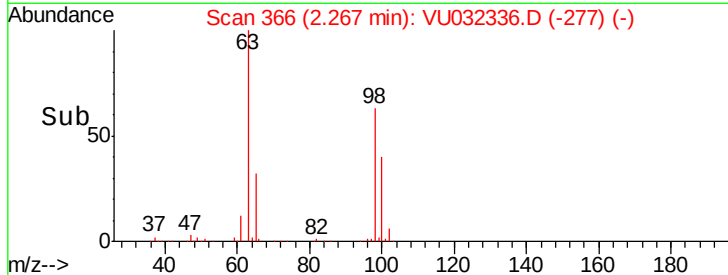
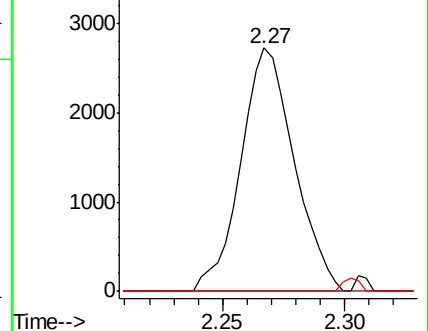
151 0.0 63.7 95.5#



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: 0.676 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032336.D

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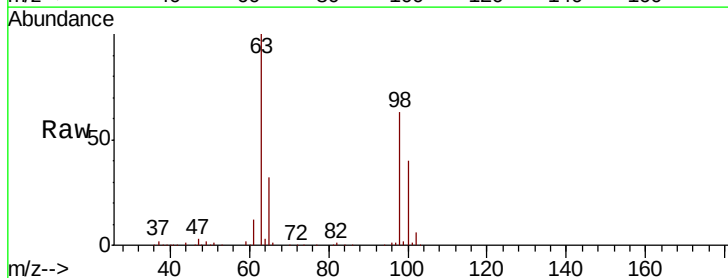
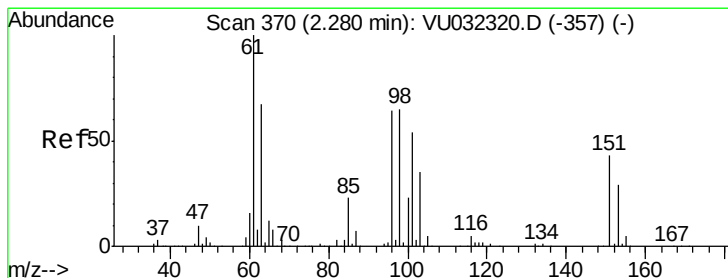
Tgt Ion: 96 Resp: 3428

Ion Ratio Lower Upper

96 100

61 1298.1 109.8 203.8#

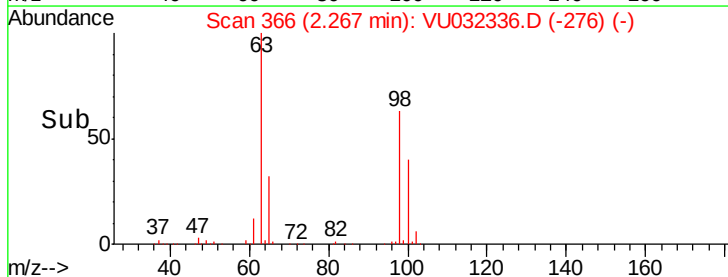
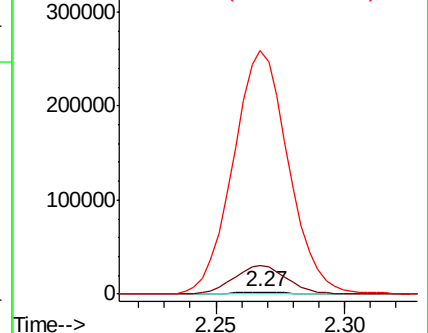
63 11142.2 74.4 138.2#

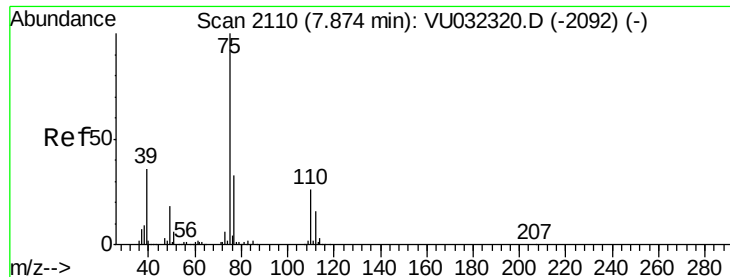


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.688 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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ClientSampleId :

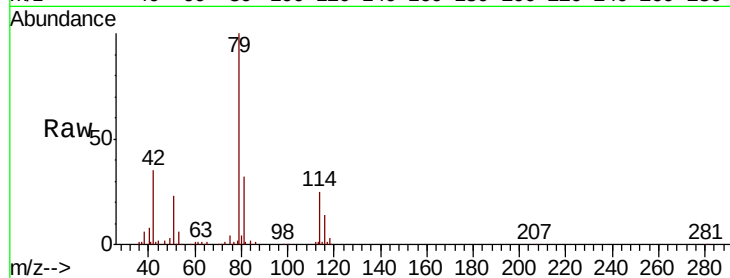
VHBLK01

Tgt Ion: 75 Resp: 5050

Ion Ratio Lower Upper

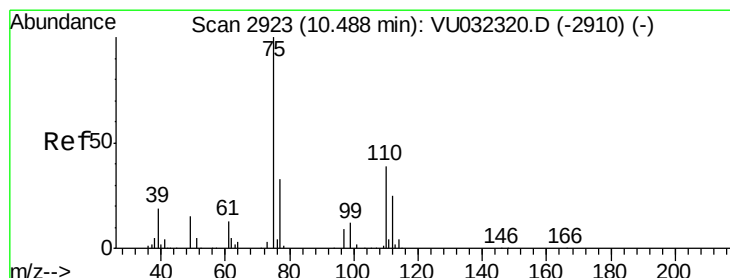
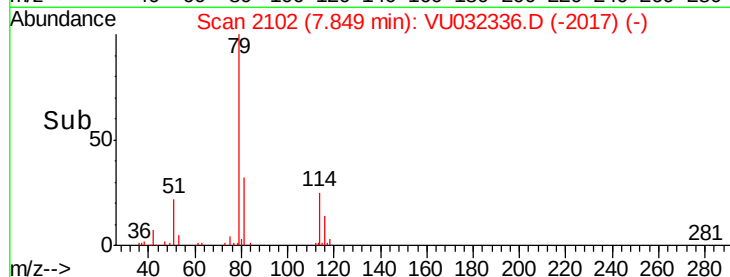
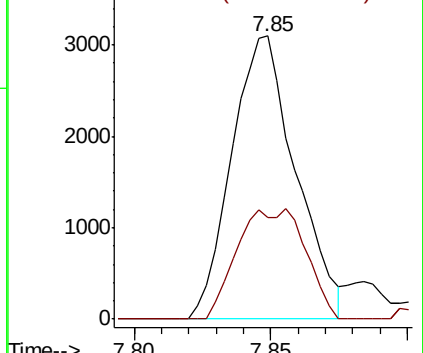
75 100

77 36.0 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU032336.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU032336.D (-2017) (-)



#59

1,2,3-Trichloropropane

Concen: 4.484 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032336.D

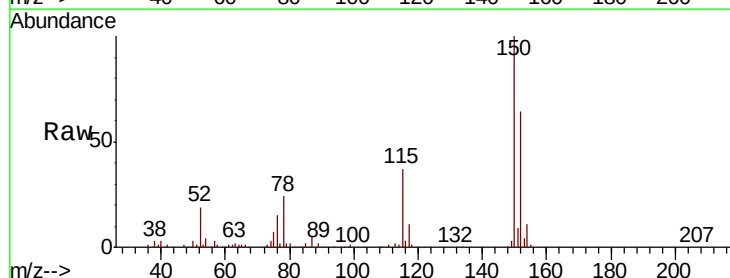
Acq: 28 May 2019 18:11

Tgt Ion: 75 Resp: 33749

Ion Ratio Lower Upper

75 100

77 35.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU032336.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU032336.D (-2301) (-)

