

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032342.D
 Acq On : 28 May 2019 20:56
 Operator : JC/SP
 Sample : K2975-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: May 29 05:32:19 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	774575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	768275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316830	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	274127	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.02%
7) Chloroethane-d5	1.67	69	228081	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.94%
11) 1,1-Dichloroethene-d2	2.27	63	373584	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	4.17	46	375749	100.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.64	84	481876	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	5.31	65	303070	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.34	84	1018426	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.32	67	310692	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	7.56	98	913983	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%
43) trans-1,3-Dichloropropene-	7.85	79	134999	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.26%
47) 2-Hexanone-d5	8.31	63	241878	92.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	449004	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	338108	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%

Target Compounds

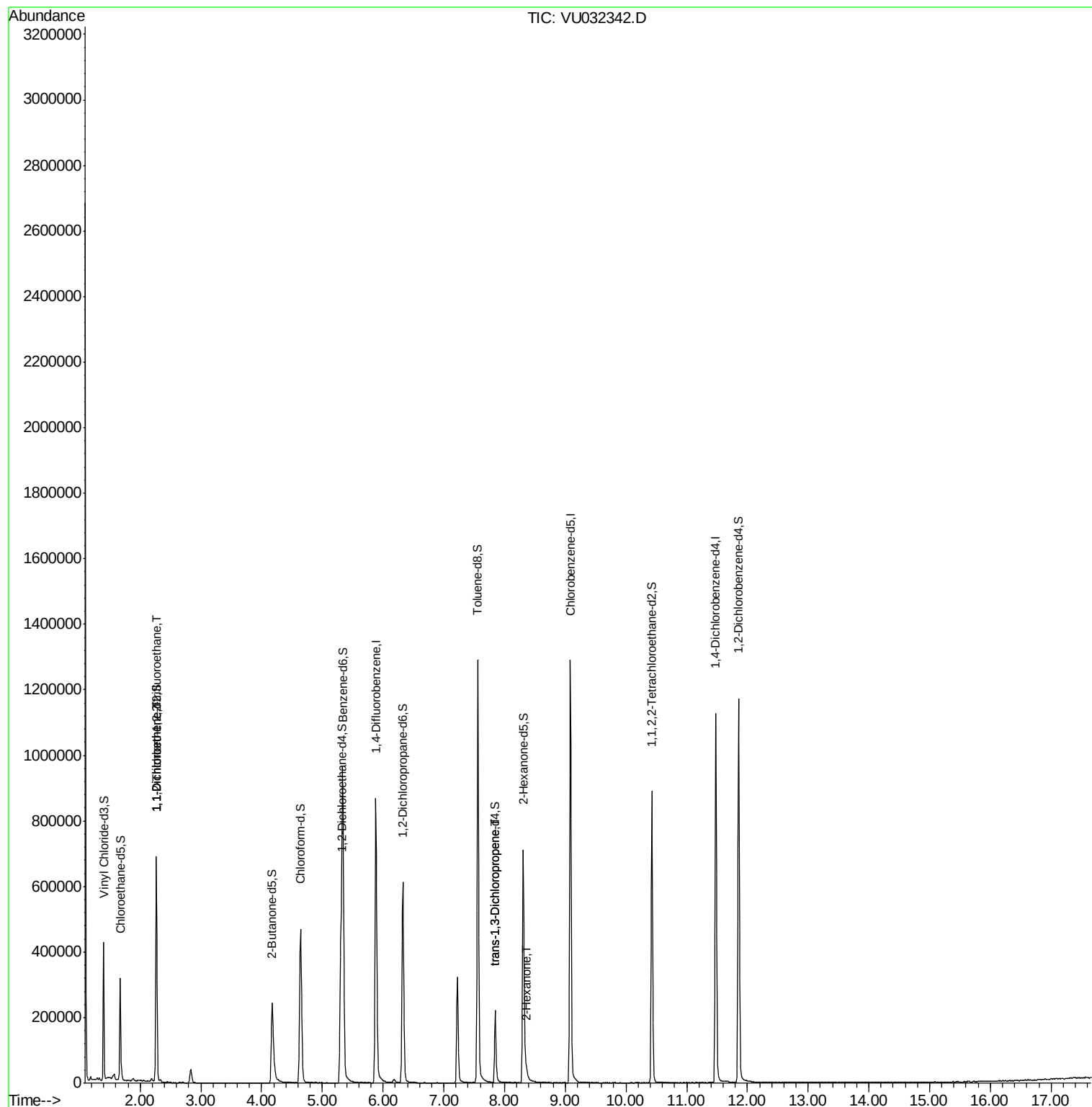
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3710	0.755 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	3625	0.723 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	5240	0.721 ug/L	88
48) 2-Hexanone	8.37	43	15050	2.519 ug/L #	79

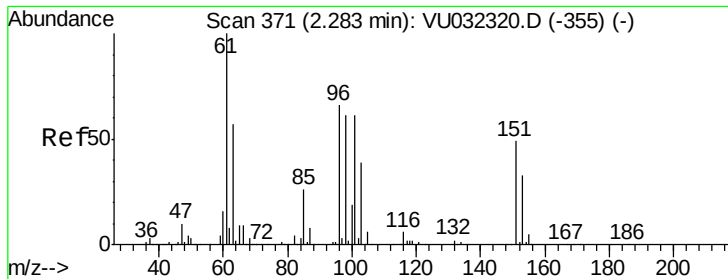
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.755 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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ClientSampled :

VHBLK01

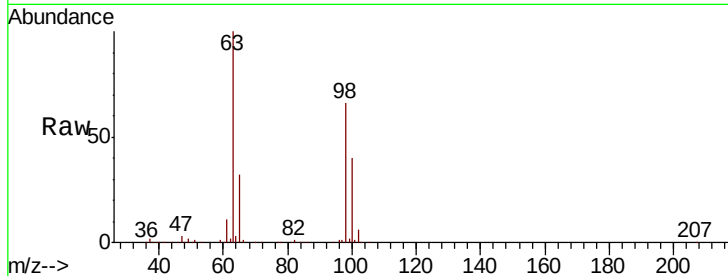
Tgt Ion: 101 Resp: 3710

Ion Ratio Lower Upper

101 100

85 1.8 33.4 50.0#

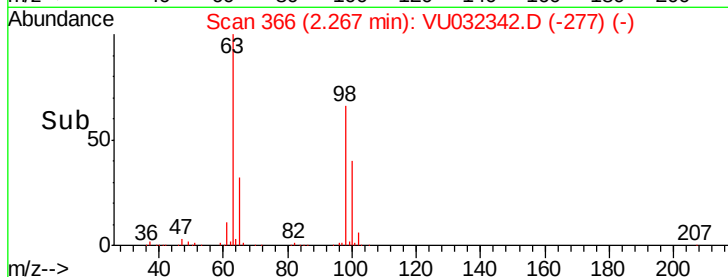
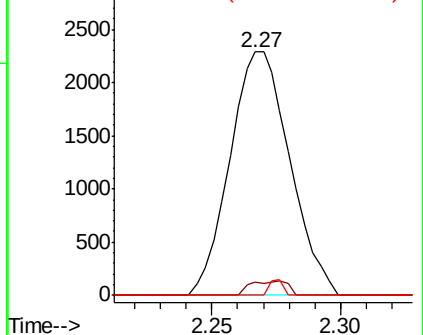
151 0.0 63.7 95.5#



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: 0.723 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 28 May 2019 20:56

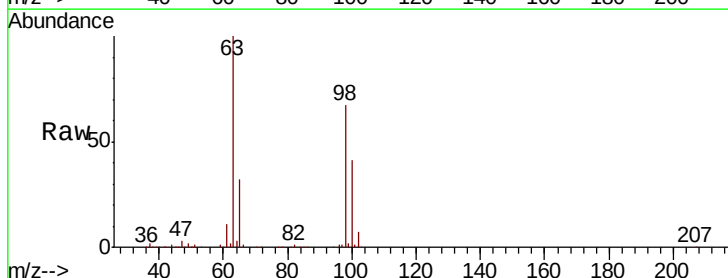
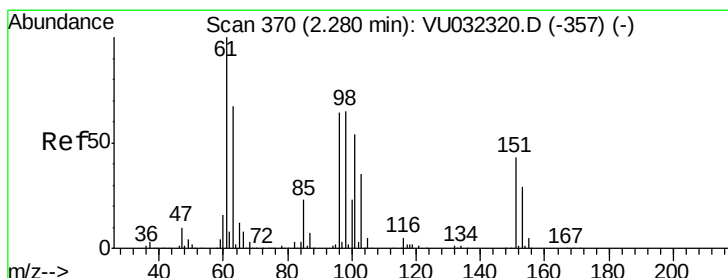
Tgt Ion: 96 Resp: 3625

Ion Ratio Lower Upper

96 100

61 1033.6 109.8 203.8#

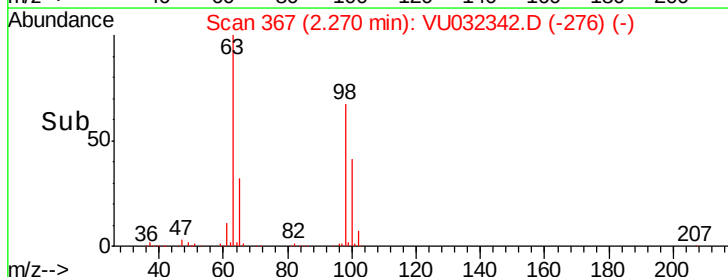
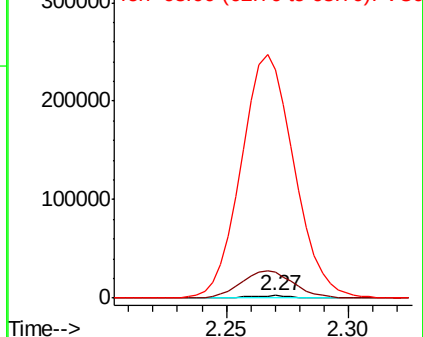
63 9246.7 74.4 138.2#

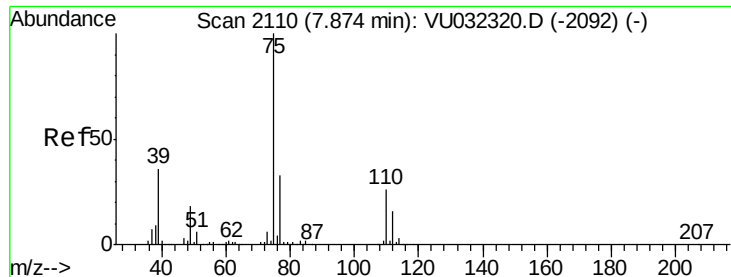


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

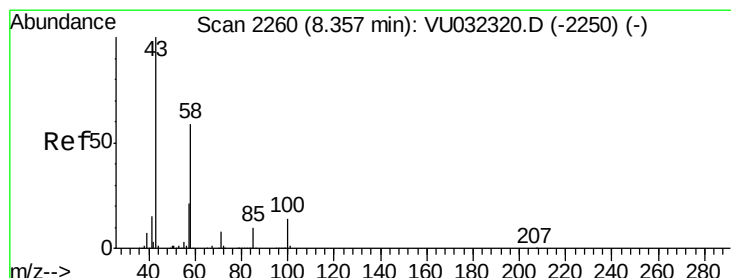
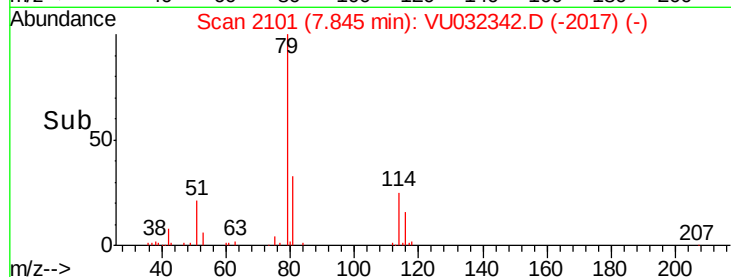
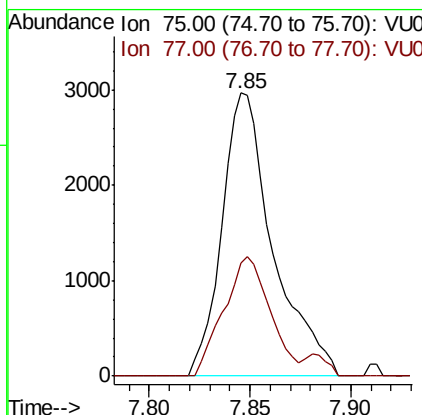
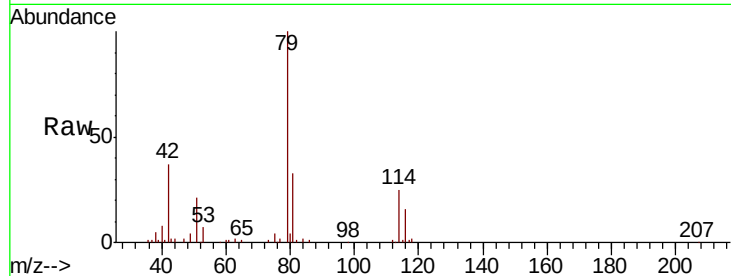




#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
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Tgt Ion: 75 Resp: 5240
Ion Ratio Lower Upper
75 100
77 39.8 23.0 42.6



#48
2-Hexanone
Concen: 2.519 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032342.D
Acq: 28 May 2019 20:56

Tgt Ion: 43 Resp: 15050
Ion Ratio Lower Upper
43 100
58 42.8 48.6 73.0#
57 14.2 17.0 25.4#
100 7.3 11.0 16.4#

