

Data File : VU032202.D
Acq On : 21 May 2019 16:08
Operator : JC/SP
Sample : K2862-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHJ5

Quant Time: May 22 02:12:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	812683	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	810545	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	328408	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	268117	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.16%
7) Chloroethane-d5	1.67	69	230781	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.92%
11) 1,1-Dichloroethene-d2	2.27	63	374199	37.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.14%
21) 2-Butanone-d5	4.17	46	324552	99.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.23%
24) Chloroform-d	4.64	84	512856	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.30	65	316557	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.33	84	1092527	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
36) 1,2-Dichloropropane-d6	6.32	67	317324	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.32%
41) Toluene-d8	7.56	98	1001008	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%
43) trans-1,3-Dichloropropene-	7.85	79	139909	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.31	63	236401	85.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	475255	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	380222	55.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.72%

Target Compounds

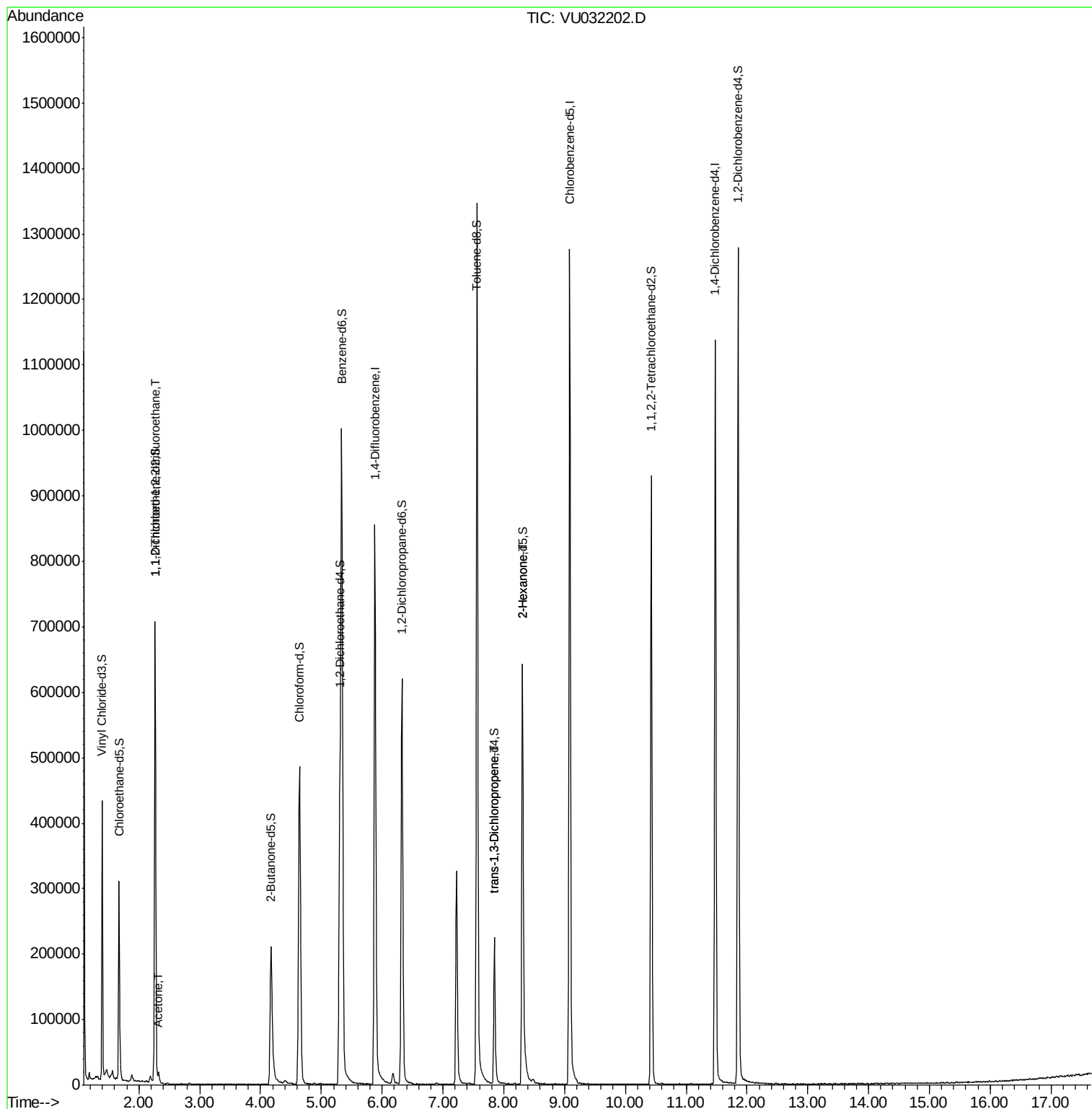
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4076	0.744	ug/L #	19
13) Acetone	2.32	43	12085	3.629	ug/L	97
44) trans-1,3-Dichloropropene	7.84	75	5459	0.708	ug/L	98
48) 2-Hexanone	8.31	43	25175	4.653	ug/L #	72

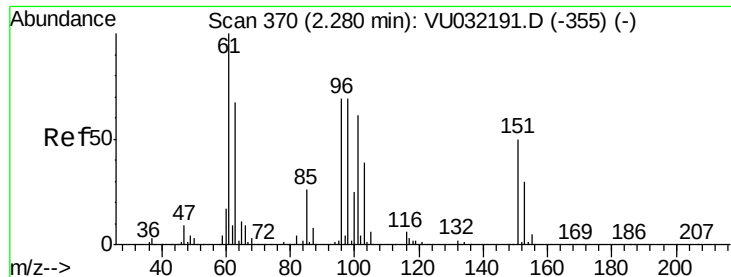
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.744 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

BFHJ5

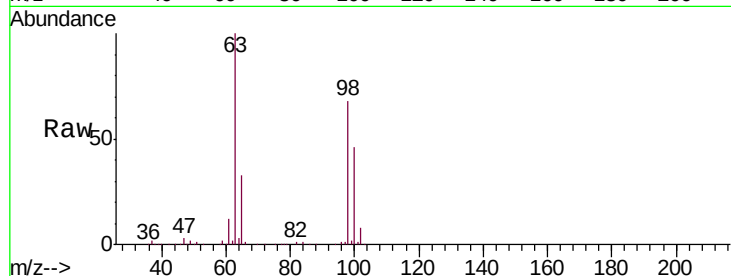
Tgt Ion:101 Resp: 4076

Ion Ratio Lower Upper

101 100

85 1.1 32.5 48.7#

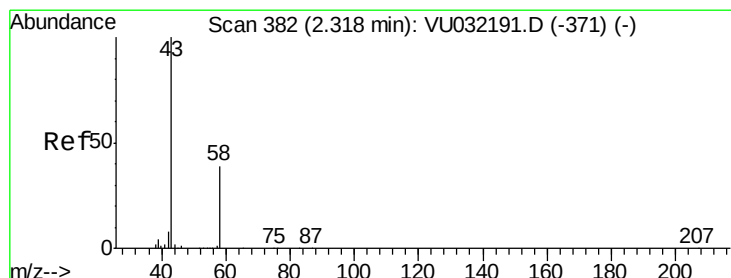
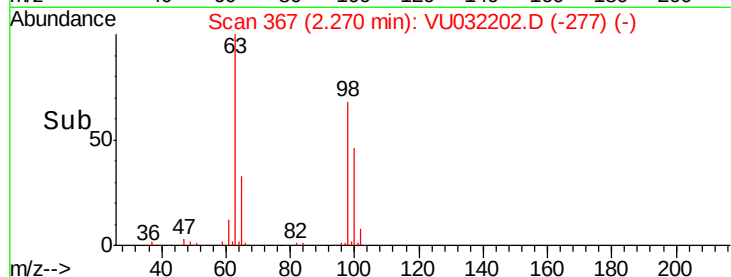
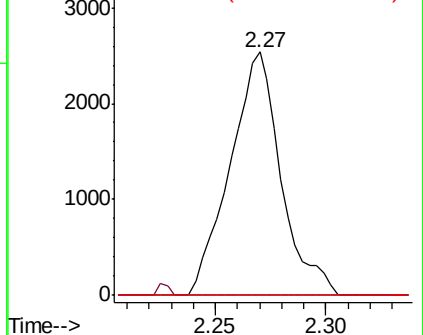
151 0.0 63.1 94.7#



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



#13

Acetone

Concen: 3.629 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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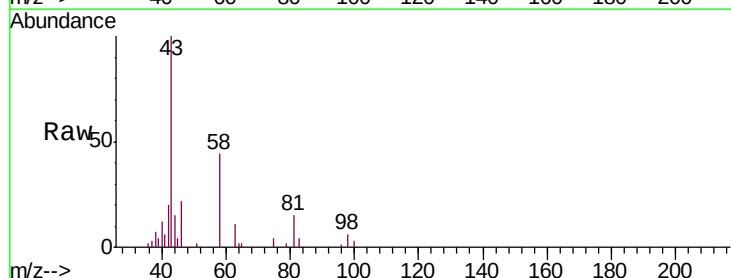
Acq: 21 May 2019 16:08

Tgt Ion: 43 Resp: 12085

Ion Ratio Lower Upper

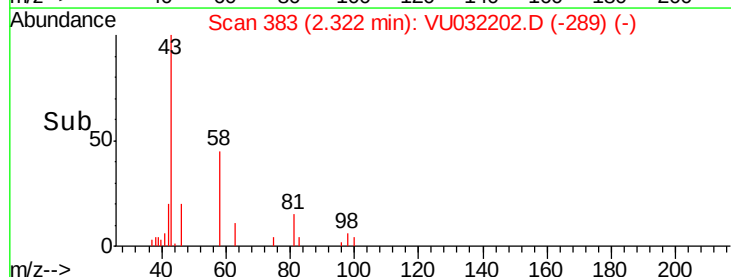
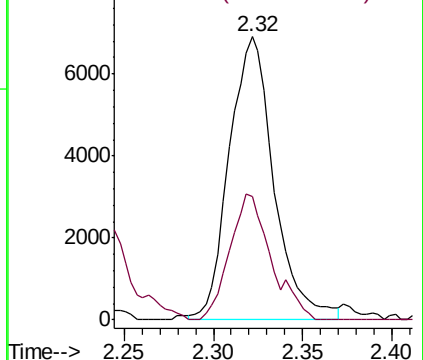
43 100

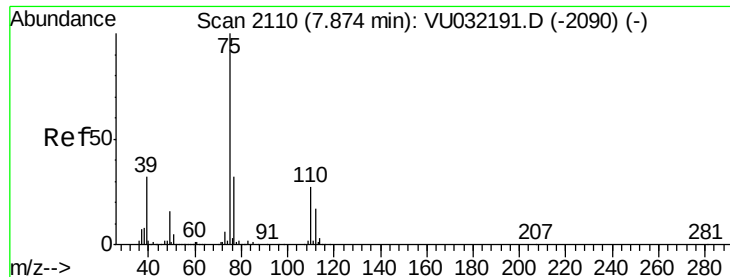
58 36.7 0.0 76.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

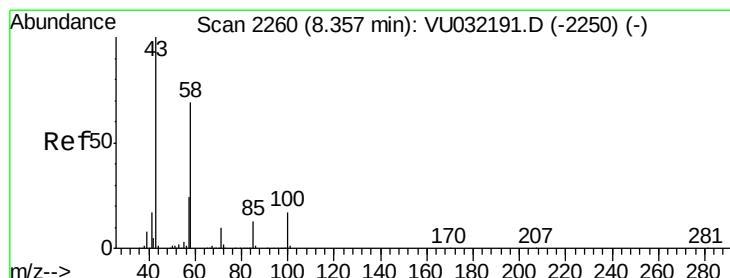
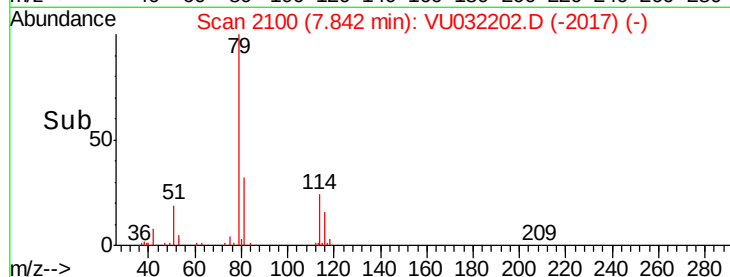
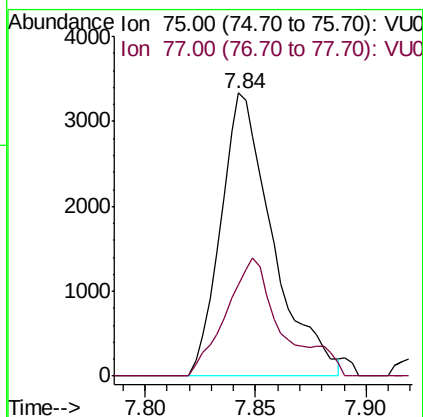
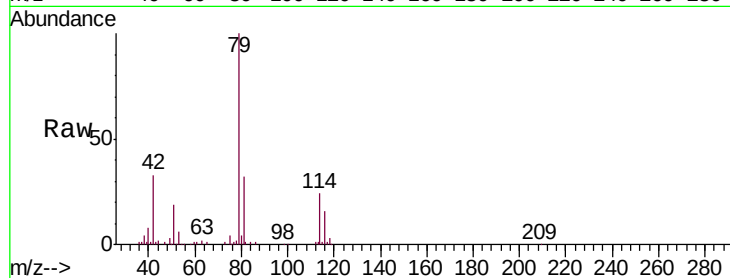
BFHJ5

Tgt Ion: 75 Resp: 5459

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4



#48

2-Hexanone

Concen: 4.653 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

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Acq: 21 May 2019 16:08

Tgt Ion: 43 Resp: 25175

Ion Ratio Lower Upper

43 100

58 41.5 54.1 81.1#

57 29.0 19.4 29.0

100 1.6 13.6 20.4#

