

Data File : VU030320.D
Acq On : 22 Mar 2019 19:51
Operator : JC/SP
Sample : K1988-14ME
Misc : 6.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0C5ME

Quant Time: Mar 23 04:40:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	541932	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	548787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	280274	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128168	34.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.96%
7) Chloroethane-d5	1.64	69	62233	21.24	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.48%#
11) 1,1-Dichloroethene-d2	2.23	63	188975	28.27	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.54%#
21) 2-Butanone-d5	4.20	46	254150	93.49	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.49%
24) Chloroform-d	4.64	84	274184	40.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.54%
26) 1,2-Dichloroethane-d4	5.30	65	167862	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
32) Benzene-d6	5.33	84	586146	40.53	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.06%
36) 1,2-Dichloropropane-d6	6.32	67	189374	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.64%
41) Toluene-d8	7.56	98	525104	38.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.24%#
43) trans-1,3-Dichloropropene-	7.85	79	84848	38.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.88%
47) 2-Hexanone-d5	8.32	63	224910	96.93	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	328685	47.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	245656	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%

Target Compounds

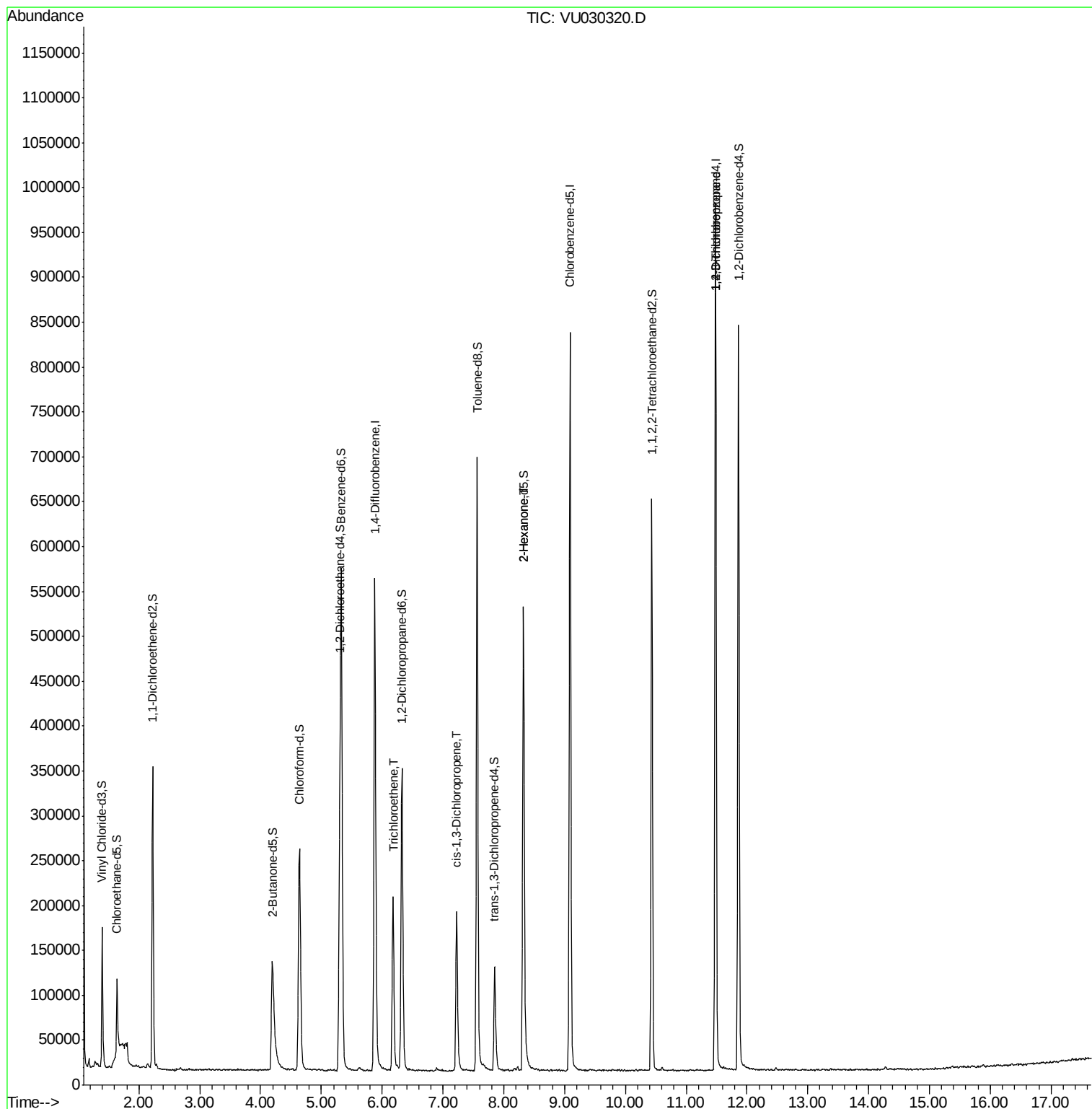
					Qvalue
34) Trichloroethene	6.18	95	72465	17.364 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4506	0.693 ug/L #	57
48) 2-Hexanone	8.32	43	22167	4.792 ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	28499	5.200 ug/L	92

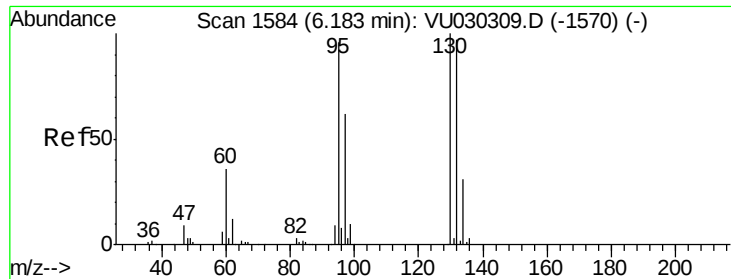
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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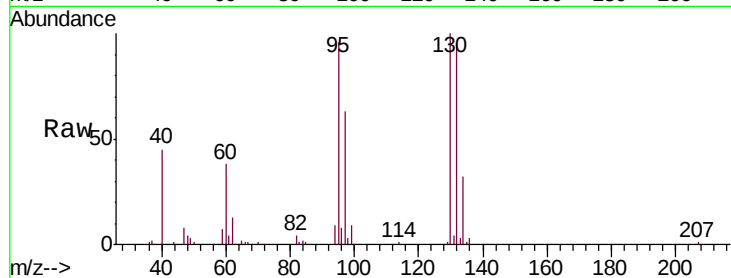




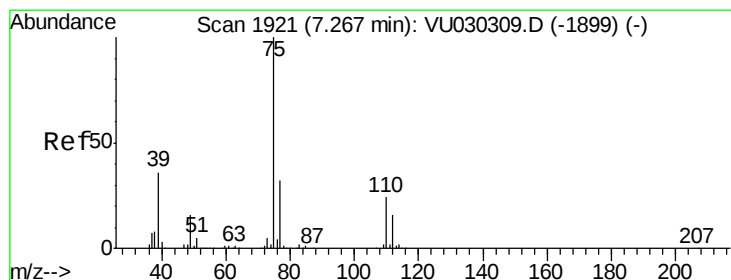
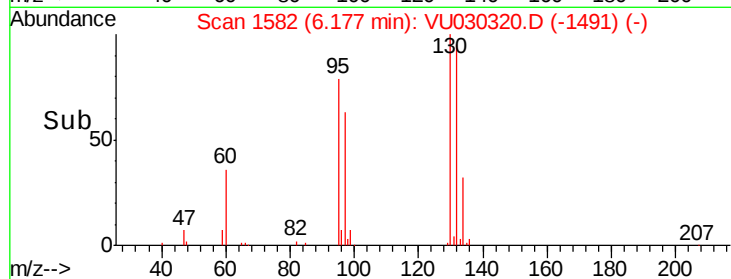
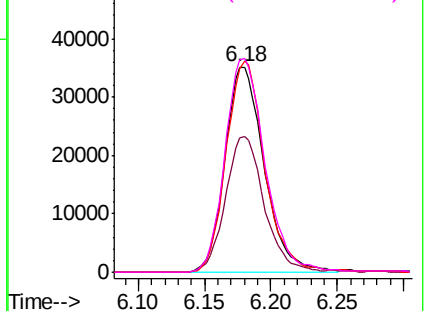
#34
 Trichloroethene
 Concen: 17.364 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.01 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 BF0C5ME

Tgt Ion: 95 Resp: 72465
 Ion Ratio Lower Upper
 95 100
 97 65.4 46.2 85.8
 132 99.1 69.3 128.7
 130 103.8 73.6 136.6

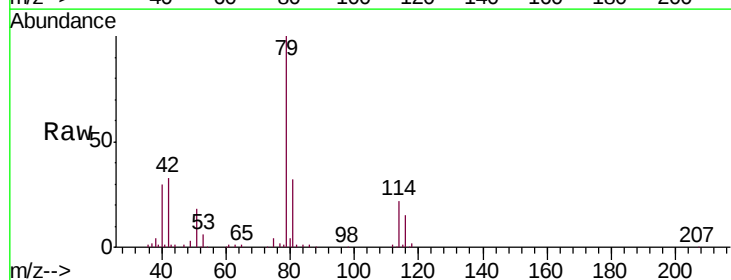


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

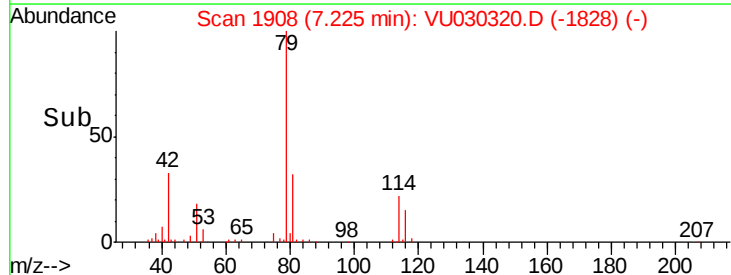
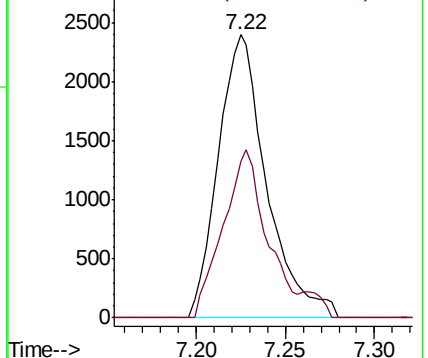


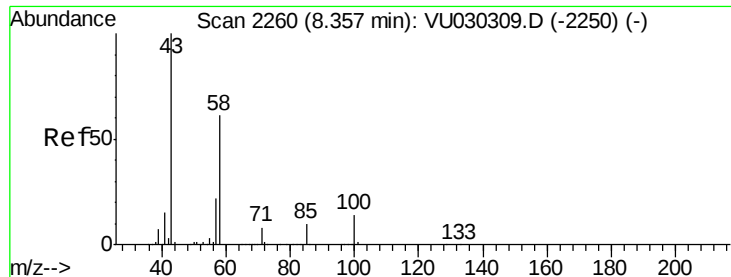
#39
 cis-1,3-Dichloropropene
 Concen: 0.693 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030320.D
 Acq: 22 Mar 2019 19:51

Tgt Ion: 75 Resp: 4506
 Ion Ratio Lower Upper
 75 100
 77 55.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

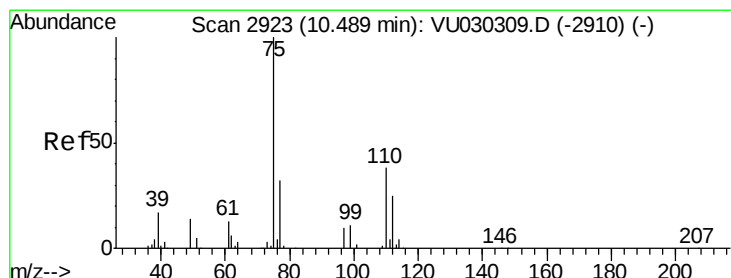
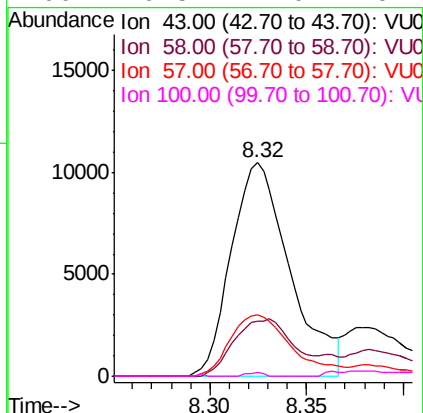
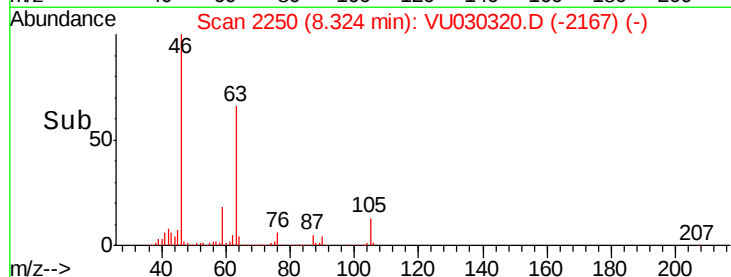
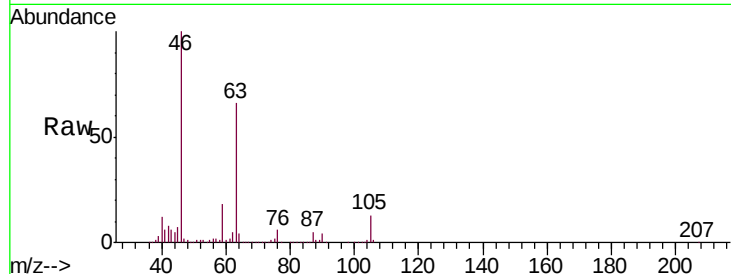




#48
 2-Hexanone
 Concen: 4.792 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.03 min
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 MSVOA_U
 ClientSampleId :
 BF0C5ME

Tgt Ion: 43 Resp: 22167
 Ion Ratio Lower Upper
 43 100
 58 14.3 49.3 73.9#
 57 30.4 17.0 25.4#
 100 0.5 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.200 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030320.D
 Acq: 22 Mar 2019 19:51

Tgt Ion: 75 Resp: 28499
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.8 38.8

