

Data File : VU033871.D
Acq On : 21 Aug 2019 14:27
Operator : JC/SP
Sample : K4420-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B74

Quant Time: Aug 22 05:47:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 05:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	384269	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	400537	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	168482	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	166630	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.67	69	149620	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.54%
11) 1,1-Dichloroethene-d2	2.26	63	213537	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.92%
21) 2-Butanone-d5	4.15	46	181539	100.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.13%
24) Chloroform-d	4.62	84	271893	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	5.28	65	176136	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
32) Benzene-d6	5.32	84	543121	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
36) 1,2-Dichloropropane-d6	6.31	67	178484	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.55	98	474713	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%
43) trans-1,3-Dichloropropene-	7.83	79	74376	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.30	63	121557	90.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.73%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	245107	48.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.50%
64) 1,2-Dichlorobenzene-d4	11.84	152	176983	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

Target Compounds

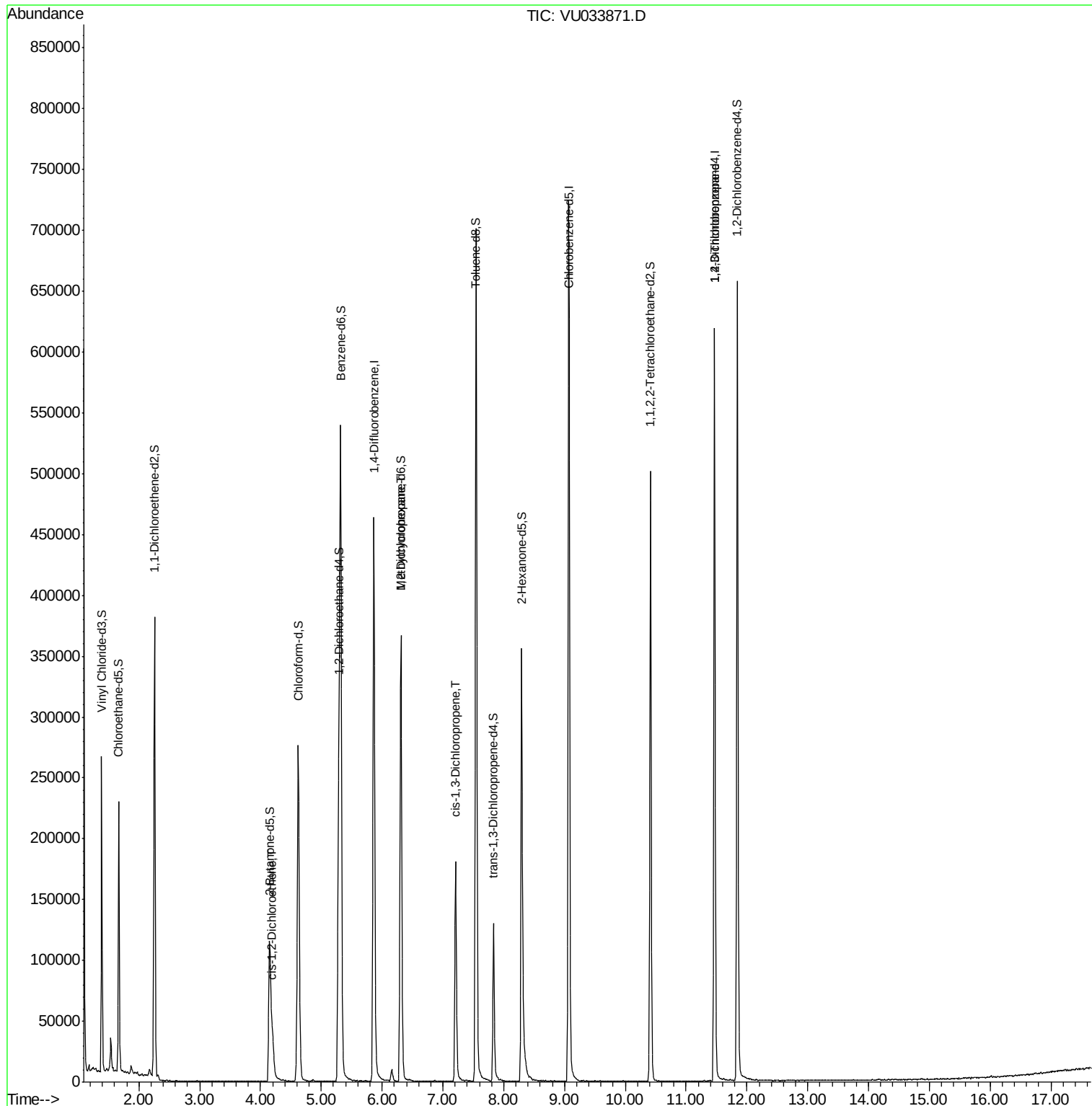
					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	14972	4.999 ug/L	97
35) Methylcyclohexane	6.31	83	41400	8.755 ug/L #	19
39) cis-1,3-Dichloropropene	7.21	75	4336	0.898 ug/L #	64
59) 1,2,3-Trichloropropane	11.47	75	19122	4.765 ug/L	89

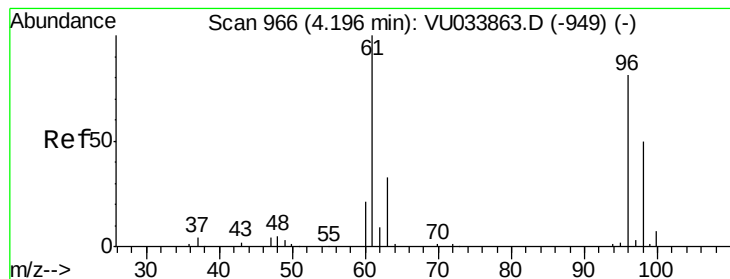
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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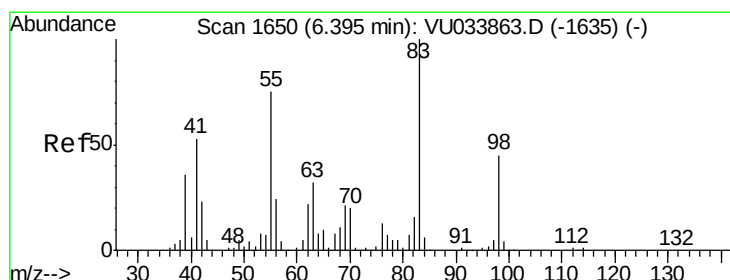
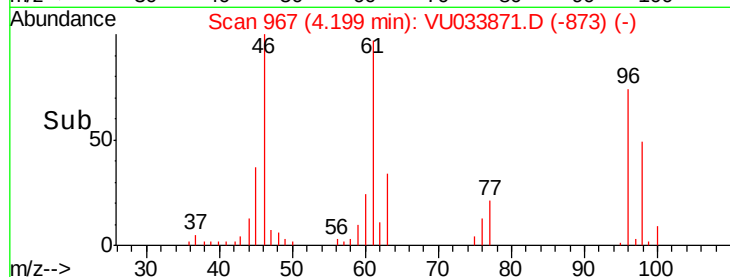
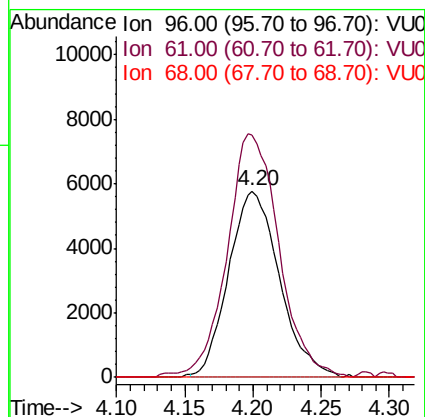
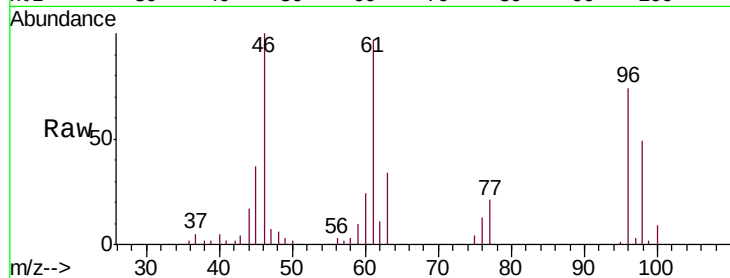


#20

cis-1,2-Dichloroethene
 Concen: 4.999 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
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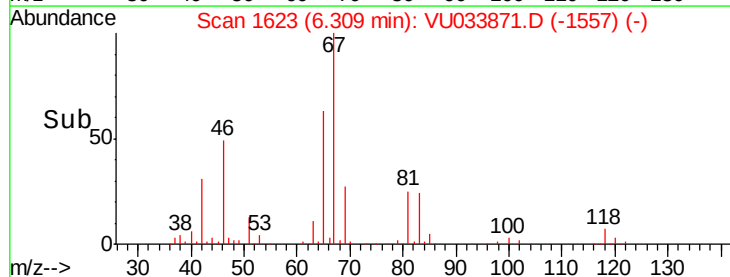
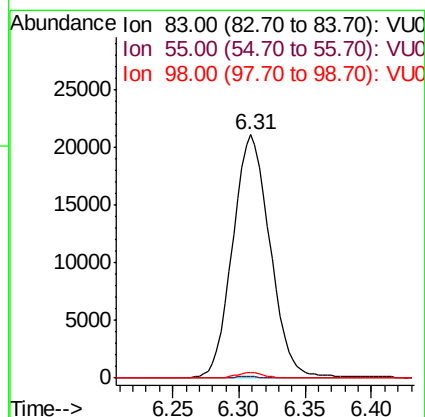
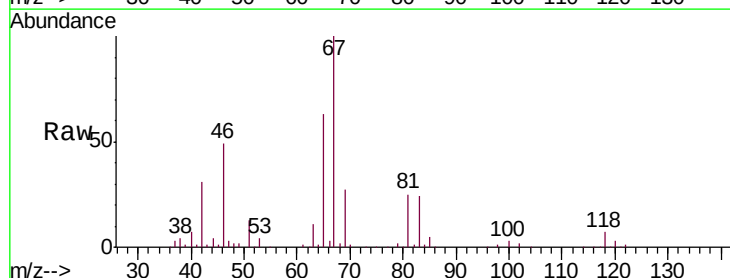
Tgt Ion: 96 Resp: 14972
 Ion Ratio Lower Upper
 96 100
 61 129.6 88.2 163.8
 68 0.0 0.0 0.0

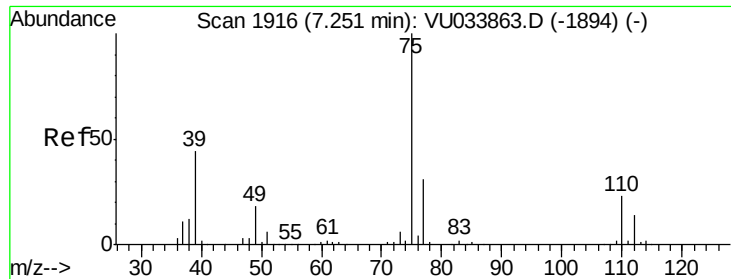


#35

Methylcyclohexane
 Concen: 8.755 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.09 min
 Lab File: VU033871.D
 Acq: 21 Aug 2019 14:27

Tgt Ion: 83 Resp: 41400
 Ion Ratio Lower Upper
 83 100
 55 0.3 61.6 92.4#
 98 1.6 37.2 55.8#

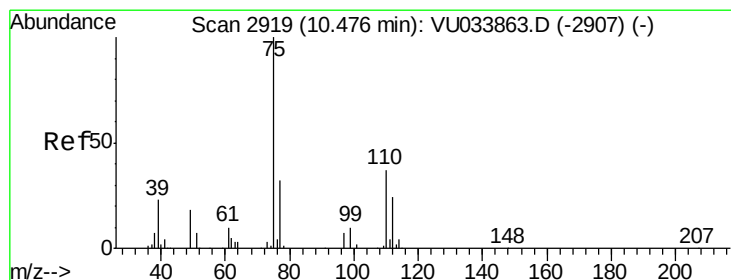
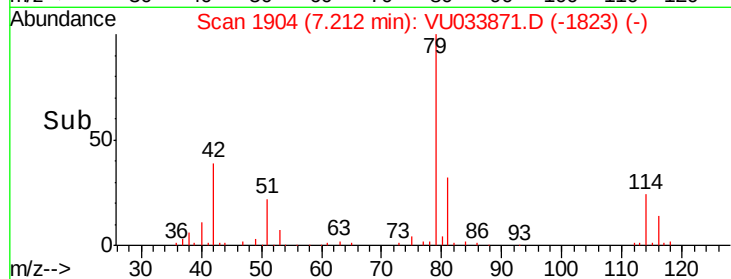
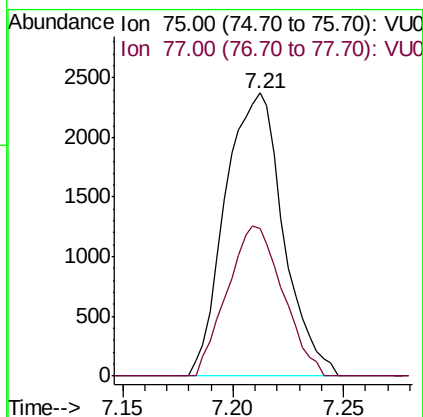
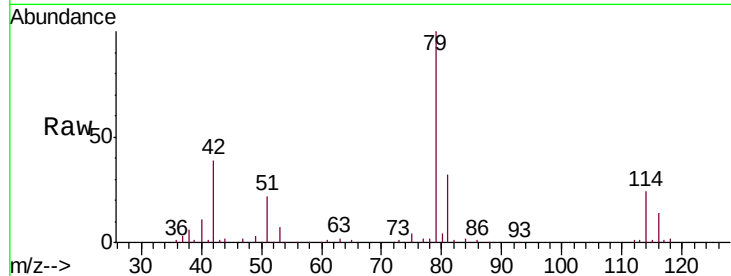




#39
 cis-1,3-Dichloropropene
 Concen: 0.898 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033871.D
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Tgt Ion: 75 Resp: 4336
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.5 41.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.765 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033871.D
 Acq: 21 Aug 2019 14:27

Tgt Ion: 75 Resp: 19122
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.0 39.0

