

Data File : VU033713.D
Acq On : 10 Aug 2019 03:08
Operator : JC/SP
Sample : K4289-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B20

Quant Time: Aug 10 04:31:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	335521	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	326795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	158847	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115411	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.46%
7) Chloroethane-d5	1.67	69	117679	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.08%
11) 1,1-Dichloroethene-d2	2.26	63	161010	38.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.54%
21) 2-Butanone-d5	4.16	46	238182	155.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	155.56%#
24) Chloroform-d	4.62	84	228540	62.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.56%
26) 1,2-Dichloroethane-d4	5.29	65	152733	66.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.14%#
32) Benzene-d6	5.32	84	461845	59.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.76%
36) 1,2-Dichloropropane-d6	6.31	67	152934	64.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.24%#
41) Toluene-d8	7.55	98	406433	56.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.06%
43) trans-1,3-Dichloropropene-	7.83	79	70798	59.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.48%
47) 2-Hexanone-d5	8.30	63	179625	146.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	146.52%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	238345	68.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	136.16%#
64) 1,2-Dichlorobenzene-d4	11.84	152	174879	65.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.82%#

Target Compounds

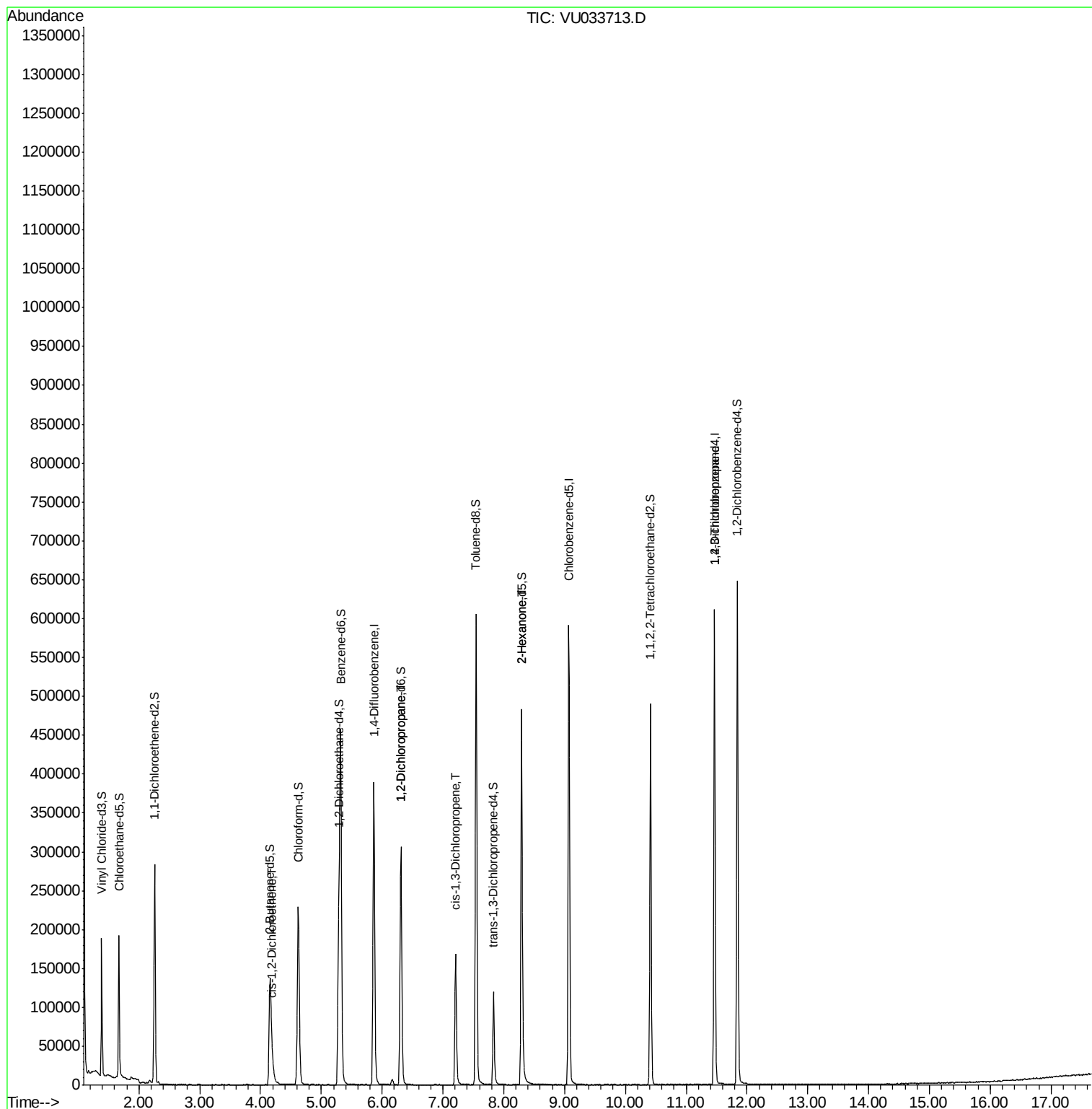
					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	7203	2.986 ug/L	95
37) 1,2-Dichloropropane	6.31	63	17359	7.152 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4131	1.071 ug/L #	68
48) 2-Hexanone	8.29	43	19441	6.840 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	18670	5.690 ug/L	92

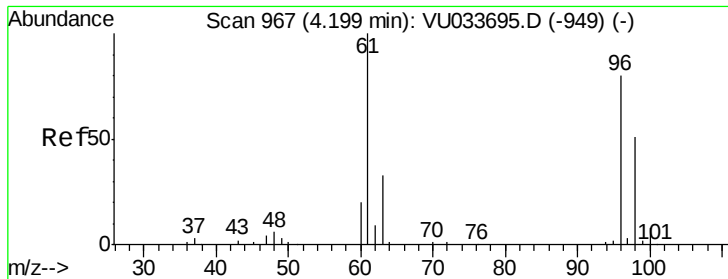
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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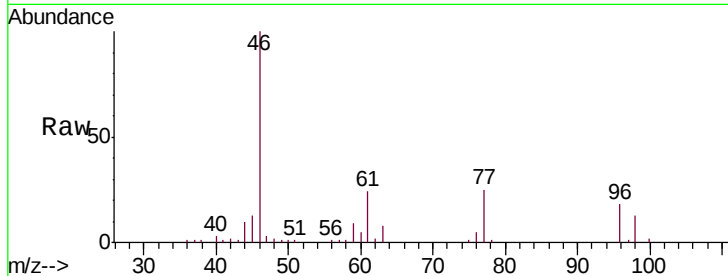




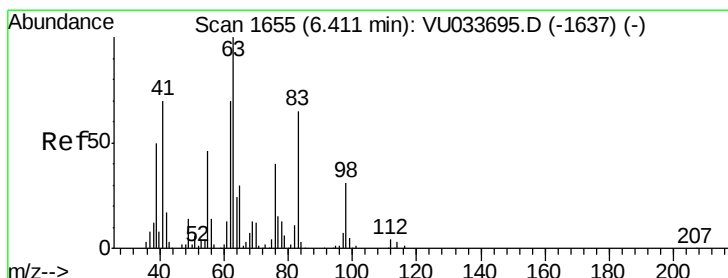
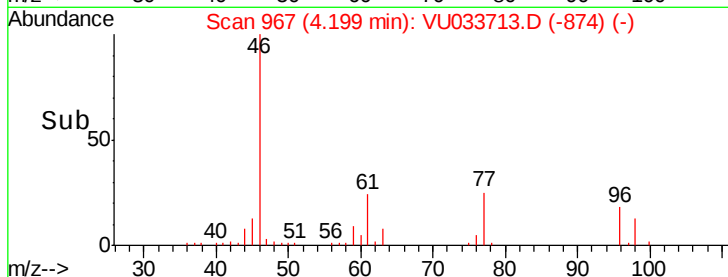
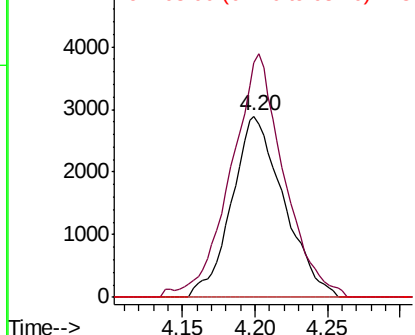
#20
 cis-1,2-Dichloroethene
 Concen: 2.986 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033713.D
 Acq: 10 Aug 2019 03:08

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B20

Tgt Ion: 96 Resp: 7203
 Ion Ratio Lower Upper
 96 100
 61 129.9 87.0 161.6
 68 0.0 0.0 0.0

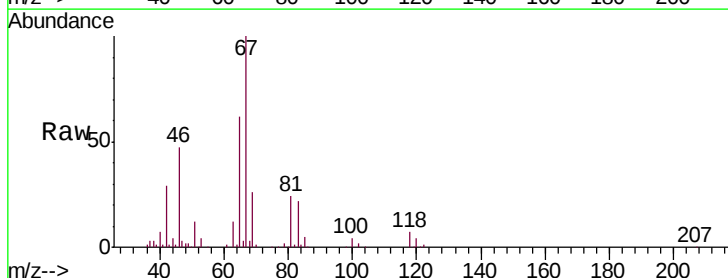


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

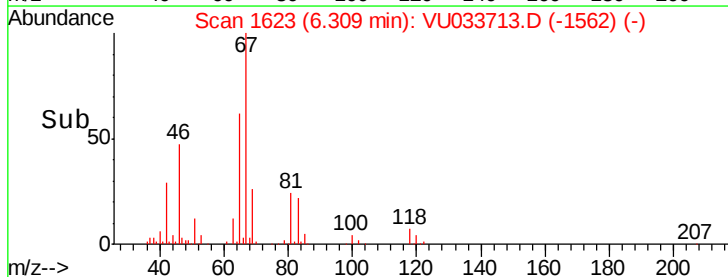
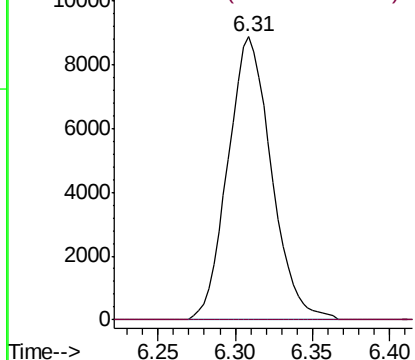


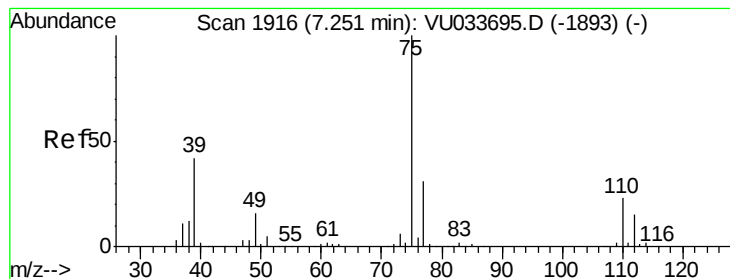
#37
 1,2-Dichloropropane
 Concen: 7.152 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033713.D
 Acq: 10 Aug 2019 03:08

Tgt Ion: 63 Resp: 17359
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V



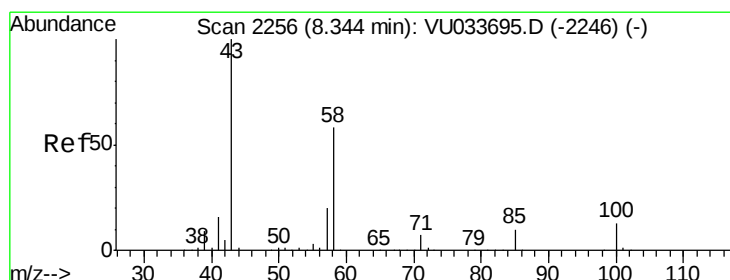
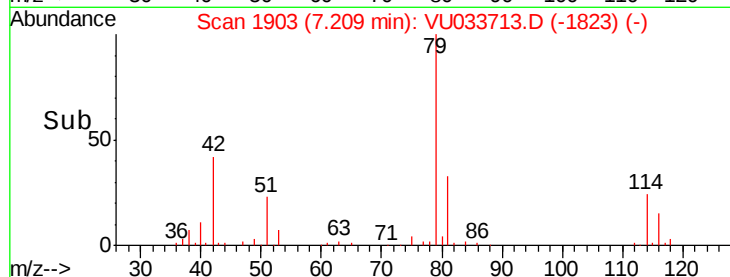
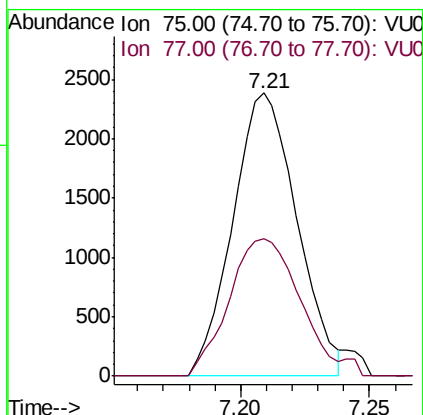
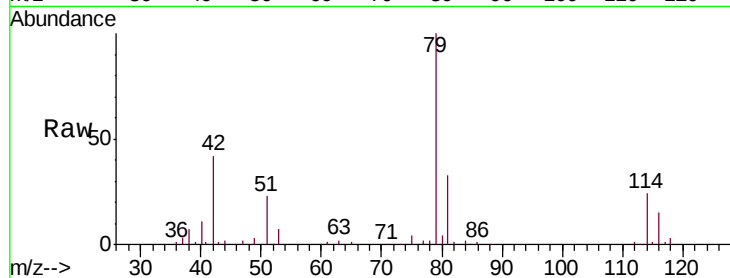


#39

cis-1,3-Dichloropropene
 Concen: 1.071 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033713.D
 Acq: 10 Aug 2019 03:08

Instrument :
 MSVOA_U
 ClientSampled :
 F2B20

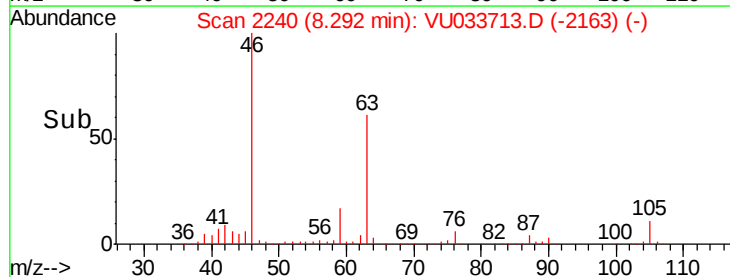
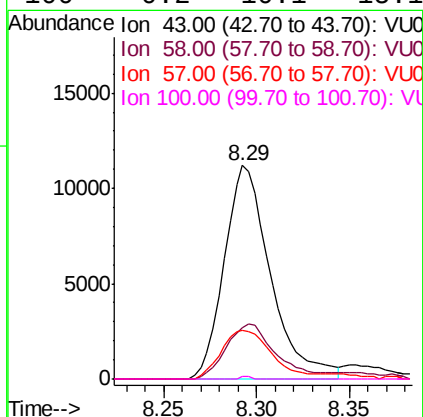
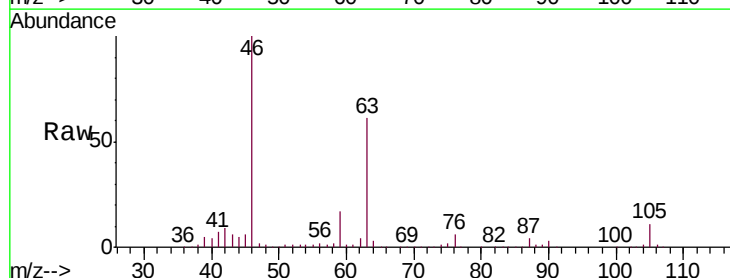
Tgt Ion: 75 Resp: 4131
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.7 40.3#

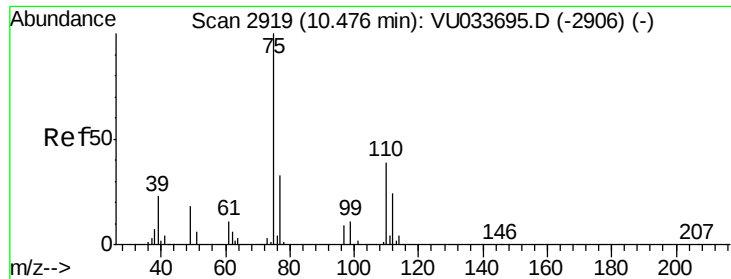


#48

2-Hexanone
 Concen: 6.840 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033713.D
 Acq: 10 Aug 2019 03:08

Tgt Ion: 43 Resp: 19441
 Ion Ratio Lower Upper
 43 100
 58 27.1 46.6 70.0#
 57 24.9 16.2 24.4#
 100 0.2 10.1 15.1#





#59

1,2,3-Trichloropropane

Concen: 5.690 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033713.D

Acq: 10 Aug 2019 03:08

Instrument :

MSVOA_U

ClientSampleId :

F2B20

Tgt Ion: 75 Resp: 18670

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6

