

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033727.D
 Acq On : 10 Aug 2019 19:20
 Operator : JC/SP
 Sample : K4289-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B20RE

Quant Time: Aug 11 04:28:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:24:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	254995	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	274155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29311	15.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	31.24%#
7) Chloroethane-d5	1.67	69	41152	21.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.74%#
11) 1,1-Dichloroethene-d2	2.26	63	44340	14.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.10%#
21) 2-Butanone-d5	4.16	46	132005	113.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.44%
24) Chloroform-d	4.62	84	111724	40.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.12%
26) 1,2-Dichloroethane-d4	5.28	65	74687	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
32) Benzene-d6	5.31	84	176724	27.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.62%#
36) 1,2-Dichloropropane-d6	6.31	67	73178	36.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.72%
41) Toluene-d8	7.55	98	148130	24.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	48.68%#
43) trans-1,3-Dichloropropene-	7.83	79	33871	33.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.56%
47) 2-Hexanone-d5	8.30	63	102430	99.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	154885	52.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	94020	42.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.26%

Target Compounds

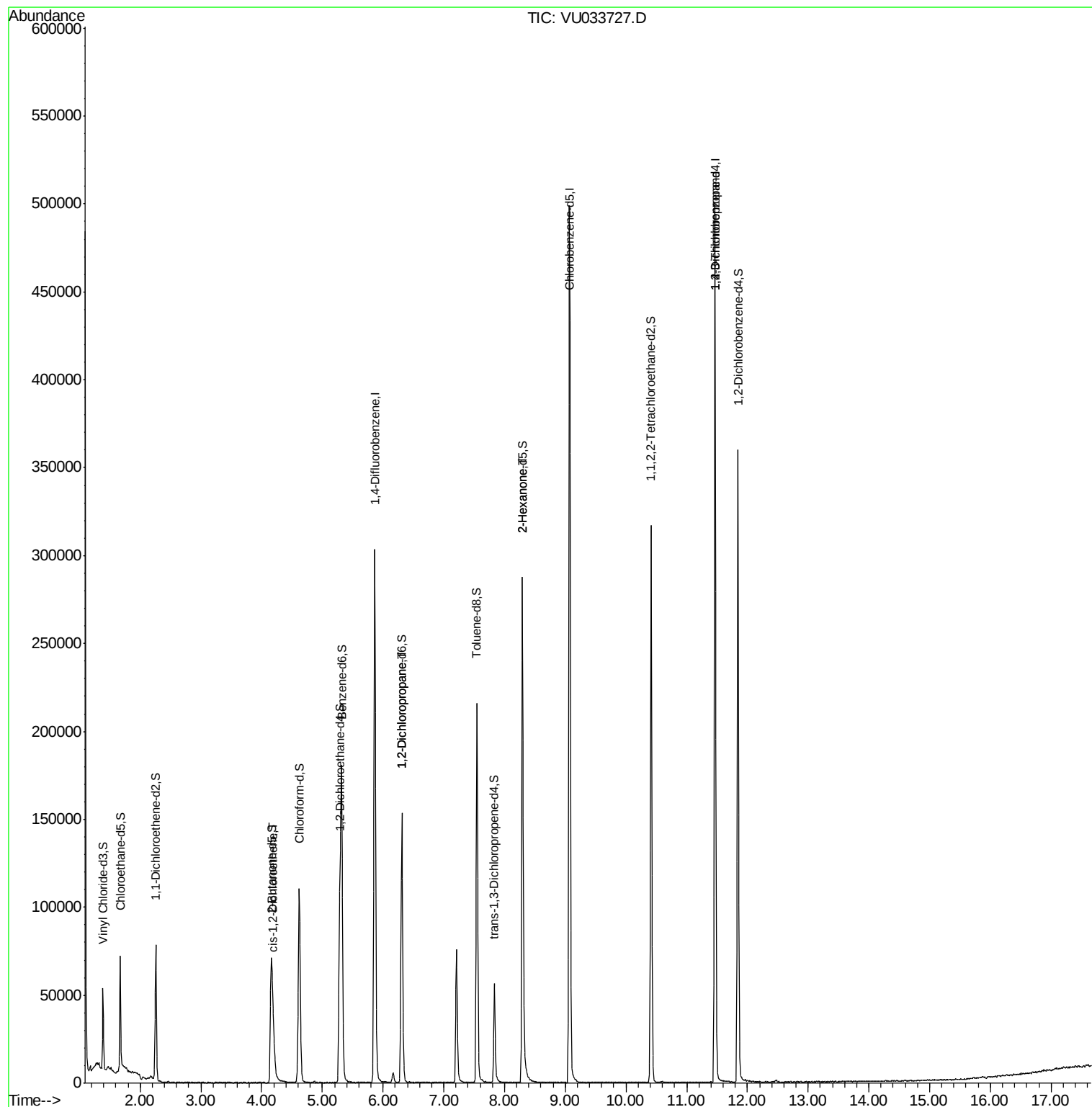
					Qvalue
20) cis-1,2-Dichloroethene	4.19	96	3018	1.646 ug/L	91
37) 1,2-Dichloropropane	6.31	63	8126	3.991 ug/L #	88
48) 2-Hexanone	8.29	43	11247	4.717 ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	15988	5.808 ug/L	93

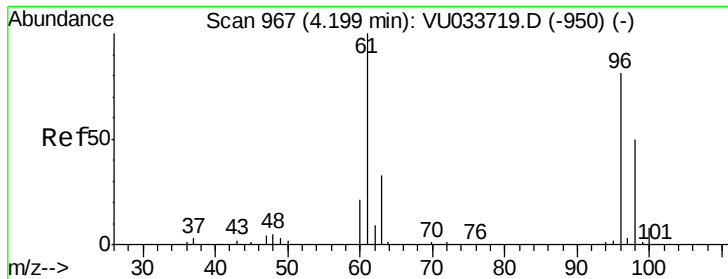
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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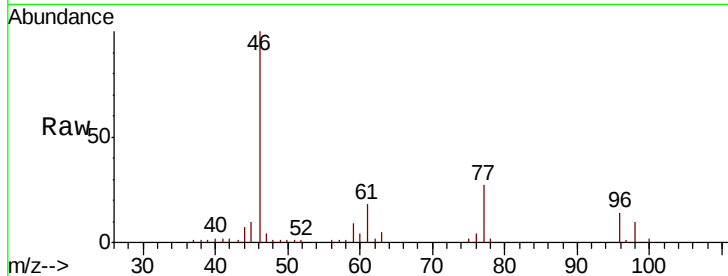




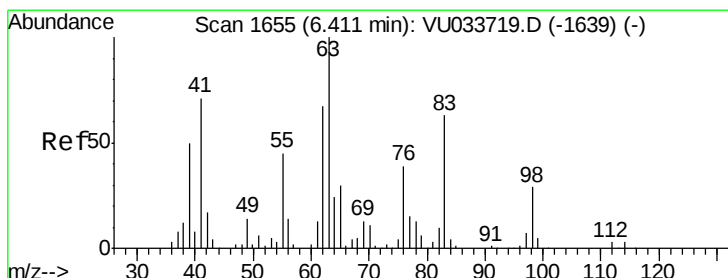
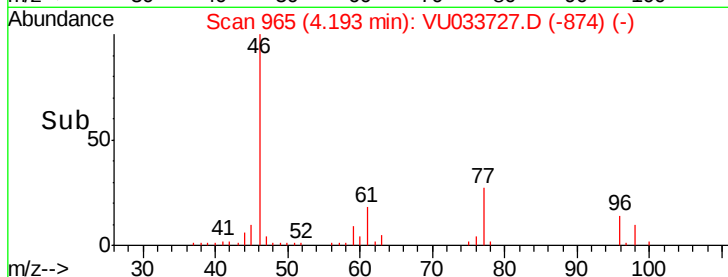
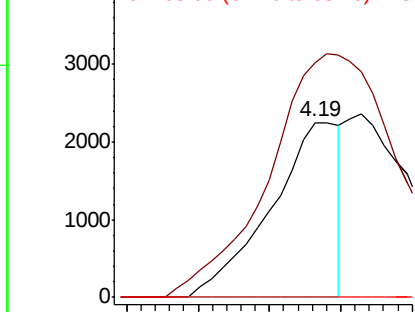
#20
 cis-1,2-Dichloroethene
 Concen: 1.646 ug/L
 RT: 4.19 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VU033727.D
 Acq: 10 Aug 2019 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 96 Resp: 3018
 Ion Ratio Lower Upper
 96 100
 61 134.8 87.0 161.6
 68 0.0 0.0 0.0

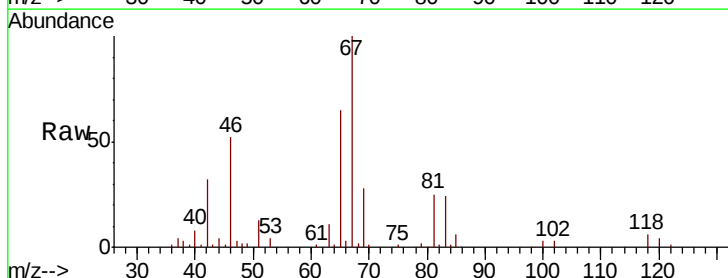


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

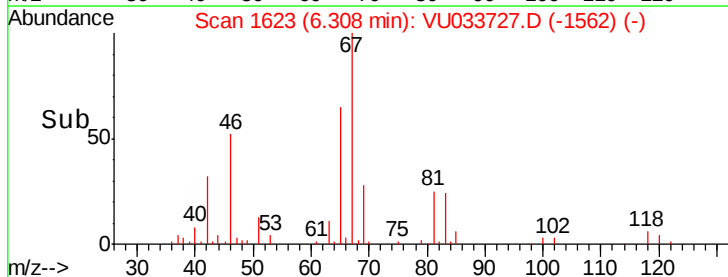
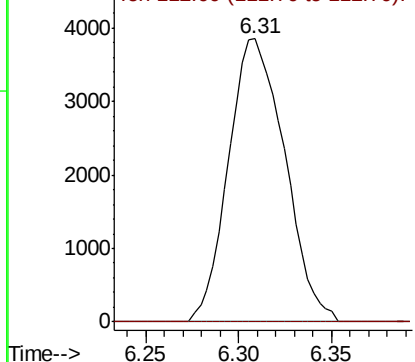


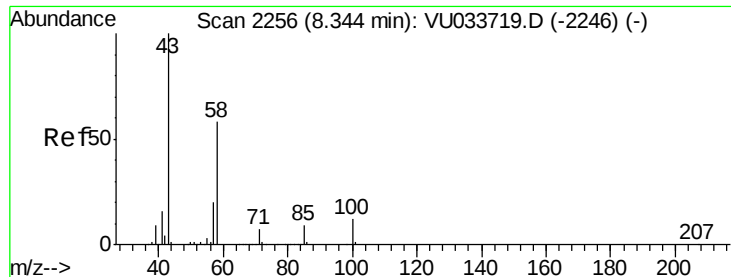
#37
 1,2-Dichloropropane
 Concen: 3.991 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033727.D
 Acq: 10 Aug 2019 19:20

Tgt Ion: 63 Resp: 8126
 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

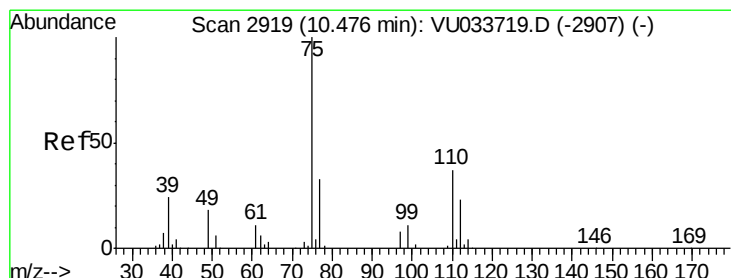
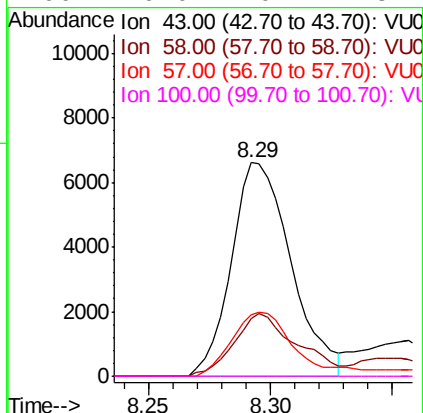
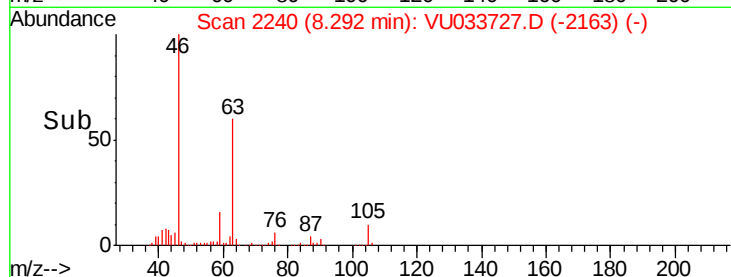
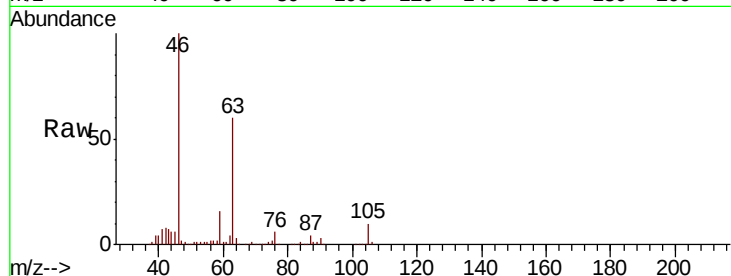




#48
2-Hexanone
Concen: 4.717 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033727.D
Acq: 10 Aug 2019 19:20

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Tgt Ion:	43	Resp:	11247
Ion	Ratio	Lower	Upper
43	100		
58	31.0	46.6	70.0#
57	29.7	16.2	24.4#
100	0.0	10.1	15.1#



#59
1,2,3-Trichloropropane
Concen: 5.808 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033727.D
Acq: 10 Aug 2019 19:20

Tgt Ion:	75	Resp:	15988
Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.4	39.6

